

# Rescue Report

RSE1014

Resc. / Deth  
5/10/10  
Watercraft

Entered  
5/14/10  
JSS

## GENERAL:

Date of Rescue: 10 May 2010	Date of Initial Call: 09 May 2010	Filed by: FWC-CAH
Rescue ID#: RSE1014	Facility ID: MSTm1016	Other ID:
FWC Case: 4360	Officer Name:	
Sex: F Length: 75 cm	Estimated: 240 kg	
PIT Tag Applied:	PIT Tag Present:	#R #L
LOCATION:		
State: FL City: Port Salerno	County: Martin	Waterway: Manatee Creek
Latitude (Decimal Degrees): 27.144601		Longitude (Decimal Degrees): -80.189559
Locality Description: 5915 SE Capstan Ave, behind address		
Method of Capture: boat set		

## REASON FOR RESCUE

X	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury		X	
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

**HISTORY**

<b>Date</b>	<b>Narrative</b>
09 May 2010	At 1700 hrs, FWC-KSB received a page from FWC SO Dispatch – Palm Beach regarding an injured manatee. FWC case number 4360 was assigned. FWC-CAH and KSB arrived at the site by 1730 hrs. The manatee was breathing rapidly and would sink to the bottom. The rescue was planned for the following morning.
10 May 2010	The manatee was located approximately 300 meters north of the original location. The manatee was rescued by 1300 hrs and loaded into the transport vehicle by 1330 hrs. CAH transported the manatee to Miami Seaquarium by 1530 hrs. MSQ notified CAH the manatee died at 1630 hrs.

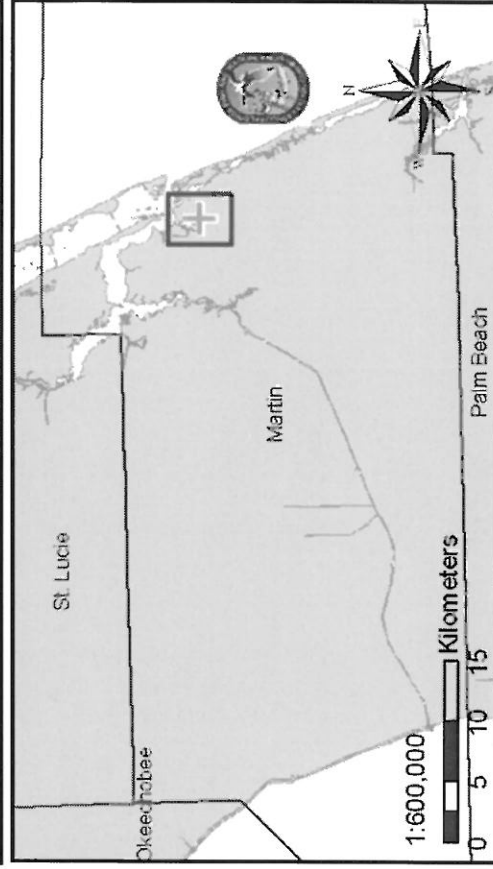
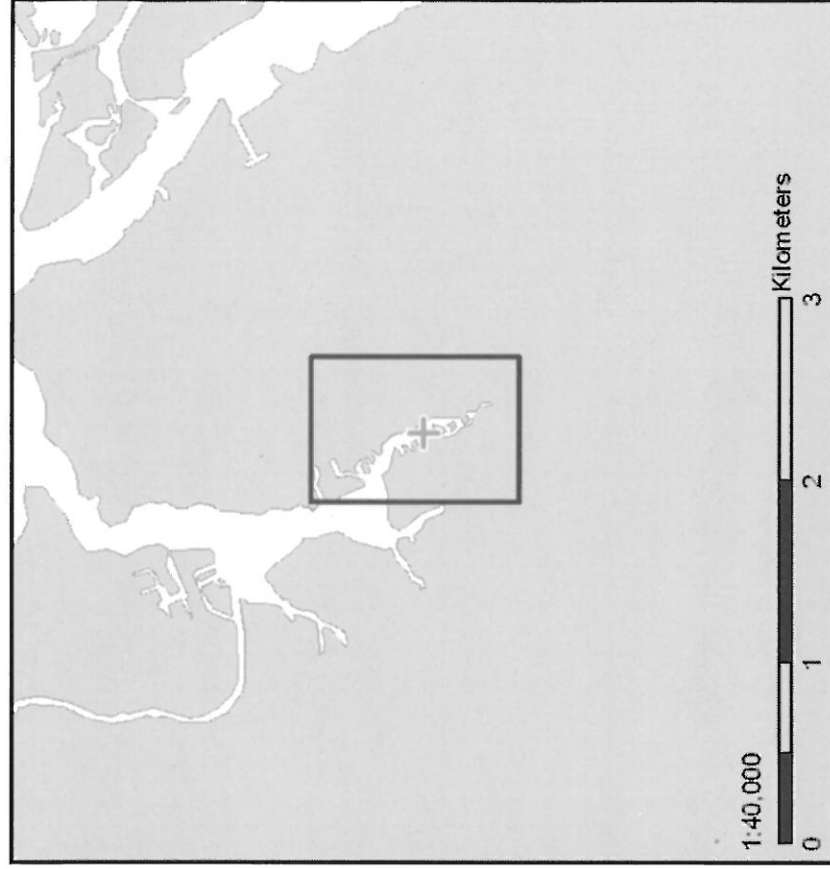
**PARTICIPANTS**

FWC- CAH, TRR, KSB; FWC LE; Citizens

**PHOTOS**



# Verified Recovery Location of Manatee RSE1014



FIELDID	LATITUDE	LONGITUDE	REPMONTH	REPDAY	REPYEAR	RESDATE	RESBY	MAPBY
RSE1014	27.144601	-80.189559	5	9	2010	5/10/2010	CAH	TRR KSB CAH



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

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**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** Christy Hudak, Research Associate  
Fish & Wildlife Research Institute

**DATE:** 11 May 2010

**SUBJECT:**

The attached rescue report includes:

- ☒ Narrative (MS Word)
- ☒ Digital Pictures (Jpeg)
- ☒ ArcView Map (Jpeg)
- ☐ Entanglement Data

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID # MSTm1016

Date of Report: 2010- May -19

Filed By: FWC MMPL

FWC Case # 4360

FWC Region: SO

Sex: Female Length: 238.0 cm (estimated) Weight: 240.0 kg.

DATE REPORTED: 2010- May -10 By: MSQ to FWC-CAH

DATE COLLECTED: 2010- May -10 By: FWC-CAH

DATE NECROPSIED: 2010- May -12 By: MMPL-KAB,BLB,DJS,AJG

LOCATION: State -- FL

Latitude: 27.144601 N

County -- Martin

Longitude: 80.189558 W

Waterway -- Manatee Creek

Locality description: Port Salerno, behind the address at 5915 Capstan Ave.

CONDITION: Moderately Decomposed

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

Explain: Chronic.Asymmetric;healing wounds;necrotic,caseous wounds;flat  
ventrum;scoliosis;distended,heavy,hemorrhagic lung;foam,fluid,mucus airways;dry,hard feces;  
rel. empty GI; hematomas; congestion.

PHOTOGRAPHS TAKEN: dorsal, ventral, lateral, fluke, internal, other

MATERIALS COLLECTED:

genetics, earbone, ELISA toxicology samples.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

partial measurements, wound measurements, rescue report.

REMARKS:

PIT tag scan negative. Actual length of the remains in the curved state was 233 cm. See rescue report RSE1014.  
Rescued at 1300 hrs and died at MSQ at approximately 1630 hrs. Lesions GI tract.

Tissue	
Organ	
Scar	
Bacteria	
Page 1&2	21 July 11
NecrReport	21 July 11
Lat/Long	21 July 11

# Rescue Report

RSE1016

*Rescued / DH  
6/29/10  
Natural  
emaciated*

*Entered  
7/2/10  
DSS*

## GENERAL:

Date of Rescue: 19 June 2010	Date of Initial Call: 18 June 2010	Filed by: FWC-CAH
Rescue ID#: RSE1016	Facility ID: MSTm1019	Other ID:
FWC Case: 5707	Officer Name:	
Sex: F Length: 208 cm Estimated:	<i>(102 kg @ neerapsy)</i>	
PIT Tag Applied:	PIT Tag Present:	#R #L
LOCATION:		
State: FL City: Palm City	County: Martin	Waterway: S Fork St. Lucie River
Latitude (Decimal Degrees): 27.15701	Longitude (Decimal Degrees): -80.266014	
Locality Description: 986 SW All American Blvd		
Method of Capture: hoop net		

## REASON FOR RESCUE

	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
X	Other: (Specify): Emaciated manatee

	Photo - Digital	Video
Animal Entangled		
Injury	X	
Gear Removal Process		
Gear Alone		
Scars		
Rescue Situation		

**HISTORY**

Date	Narrative
18 June 2010	At 1735 hrs, FWC-ACS received a page from FWC SO Dispatch – Palm Beach regarding an emaciated manatee behind 936 SW All American Blvd, Palm City, Martin County. FWC case number 5707 was assigned. FWC LE responded but was unable to locate the manatee due to a thunderstorm that had come in. ACS contacted FWC-CAH and informed her of the situation. CAH arrived at the site by 1835 hrs. Due to the bad conditions and poor visibility, the search was called off. CAH asked the complainant to call back when the manatee is spotted again. At 2030 hrs the complainant left CAH a message reporting the manatee was back in the area. Plans were made to rescue the manatee the following morning.
19 June 2010	CAH received a call from the complainant at approximately 1130 hrs. The manatee was several houses down from the original call. CAH and FWC-KSB arrived in the area by 1200 hrs. The manatee was captured by hoop net by approximately 1230 hrs and loaded into the back of the covered truck. The manatee was transported to MSQ by approximately 1530 hrs.

**PARTICIPANTS**

FWC-CAH & KSB; citizens

**PHOTOS**

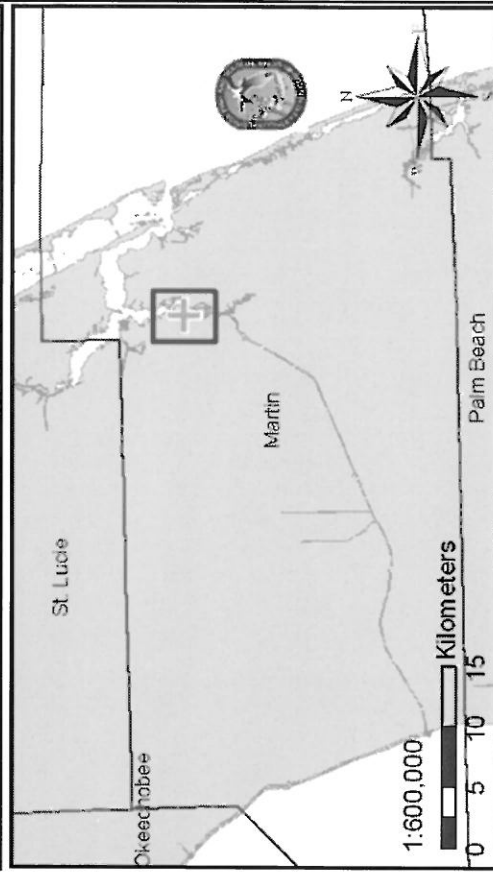
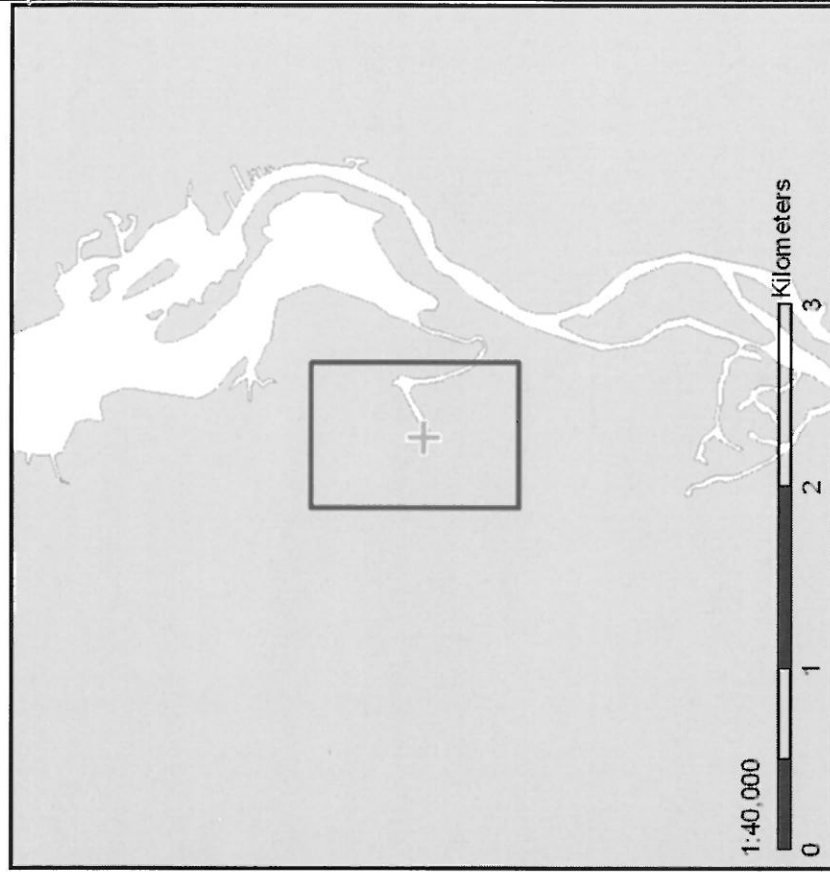




MSTM1019 / RSE1016



# Verified Recovery Location of Manatee RSE1016



FIELD ID	LATITUDE	LONGITUDE	REP#	ONTH	REP#	YEAR	RES DATE	RESBY	MAPBY
RSE1016	27.15701	-80.266014	18	6	2010	6/19/2010	CAH KSB	CAH	CAH



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

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**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** Christy Hudak, Research Associate  
Fish & Wildlife Research Institute

**DATE:** 23 June 2010

**SUBJECT:** RSE1016 / MSTm1019

The attached rescue report includes:

- X** Narrative (MS Word)
- X** Digital Pictures (Jpeg)
- X** ArcView Map (Jpeg)
- Entanglement Data

**Manatee Information (MLog:1187 )**Animal ID:**MSTm1019** Sex:**F** Name: Rearing:**Wild reared**

## -- Rescue Information -----

**Rescue Date:** 06/19/2010    **Rescue Per Day:** 1**Rescue Type:** Brought into captivity**Primary Cause:** Natural Emaciated**Primary Cause Text:****Secondary Cause:****Secondary Cause Text:****Health Status:** Critical**Suspected Pregnant:** No information on potential pregnancy is known

## -- Rescue Location Information -----

**State:** FL    **County:** Martin    **City:** Palm City**Waterway:** S. Fork St. Lucie River**Latitude:** 27.160556    **Longitude:** -80.257500**Relocated, where?:****Did animal die during rescue or transport?:** No

## -- Measurement -----

**Weight (kg):** 113    **Estimated Weight?:** Yes    **Date Weighed:** 06/19/2010**Length (cm):** 200    **Estimated Length?:** No    **Date Measured:** 06/28/2010

## -- Other Rescue Information -----

**Tracker:**    **Transporter:** FWC Tequesta Field Station**Facility transported to:** Miami Seaquarium**Veterinarian:** Maya Rodriguez    **Organization:** Miami Seaquarium**Participating Org:****Flood Gate:**    **Pot Status:****Additional Narrative:** Rescued at 12:20pm, hoopnet, severely emaciated

## -- Report Information -----

**Created By:** Jodi Linvill    **Created Date:** 06/24/2010**Updated By:** D    **Updated Date:** 06/24/2010

RSE1016

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID # MSTm1019  
Date of Report: 2010- Jun -22  
Filed By: FWC MMPL

FWC Case # 5707

FWC Region: SO

Sex: Female

Length: 208.0 cm

Weight: 102.0 kg.

DATE REPORTED: 2010- Jun -20

By: MSQ-Jodie to FWC-CAH

DATE COLLECTED: 2010- Jun -20

By: FWC-KSB

DATE NECROPSIED: 2010- Jun -21

By: MMPL-MdW,BLB,JMB,ARH,KJR

LOCATION: State -- FL

Latitude: 27.157010 N

County -- Martin

Longitude: 80.266013 W

Waterway -- S. Fork St. Lucie River

Locality description: Palm City, behind the residence at 986 SW All American Blvd.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Natural, other (includes Red Tide)

Explain: Emaciated; relatively empty GI; depleted fats; dry, hard feces; dry, adhered lungs; abscess, calcified mass lung; congested organs; lesions flippers

PHOTOGRAPHS TAKEN: dorsal, ventral, lateral, fluke, other

MATERIALS COLLECTED:

genetics, earbone, ELISA toxicology samples, archive toxicology samples, histology.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

partial measurements, organ weights, rescue report.

REMARKS:

PIT tag scan negative. See rescue report RSE1016. Rescued on 19 June 2010 and died at Miami Seaquarium the next morning. Healing watercraft wounds.

Tissue	
Organ	
Scar	
Bacteria	
Page 1&2	21 July 11
NecrReport	21 July 11
Lat/Long	21 July 11

# Rescue Report

RSE1017

*Resc. / Rel  
7/20/10  
Natural  
Buoyancy*

*Entered  
7/2/10  
255*

## GENERAL:

Date of Rescue: 28 June 2010	Date of Initial Call: 27 June 2010	Filed by: FWC-CAH
Rescue ID#: RSE1017	Facility ID: MSTm1020	Other ID: "wild cat"
FWC Case: 5952	Officer Name:	
Sex: Male	Length: 24 <sup>5</sup> / <sub>8</sub> cm	Estimated:
PIT Tag Applied:	PIT Tag Present: N	#R #L
LOCATION:		
State: FL	City: Ft. Pierce	County: St. Lucie
		Waterway: Indian River
Latitude (Decimal Degrees): 27.49827		Longitude (Decimal Degrees): -80.309478
Locality Description: N Hutchinson Island, in shallow water between Jack Island and Wildcat Cove Park		
Method of Capture: hoop net		

## REASON FOR RESCUE

	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
X	Other: (Specify): pneumothorax / buoyancy issues

	Photo - Digital	Video
Animal Entangled		
Injury	X	
Gear Removal Process		
Gear Alone		
Scars		
Rescue Situation	X	

**HISTORY**

<b>Date</b>	<b>Narrative</b>
27 June 2010	At 1911 hrs, FWC-ACS received a text from FWC SO Dispatch – Palm Beach regarding an injured 6ft manatee in Ft. Pierce, St. Lucie County. FWC case number 5952 was assigned. The complainant described a manatee listing to the side, having trouble submerging.
28 June 2010	At 0800 hrs, FWC-CAH received a text from FWC SO Dispatch – Palm Beach regarding the injured manatee. The complainant had called back to report the manatee was still in the area. CAH and FWC-KSB responded to the scene by approximately 1015 hrs. The manatee was actually 8ft long and in about 2ft of water. The complainant offered to use his pontoon boat for the rescue. The manatee was hoop-netted off the side of the pontoon boat, secured by straps to the pontoon boat, and slowly walked to the bank. The manatee was loaded into the borrowed FWC covered truck by 1100 hrs. CAH transported the manatee to MSQ by 1330 hrs.

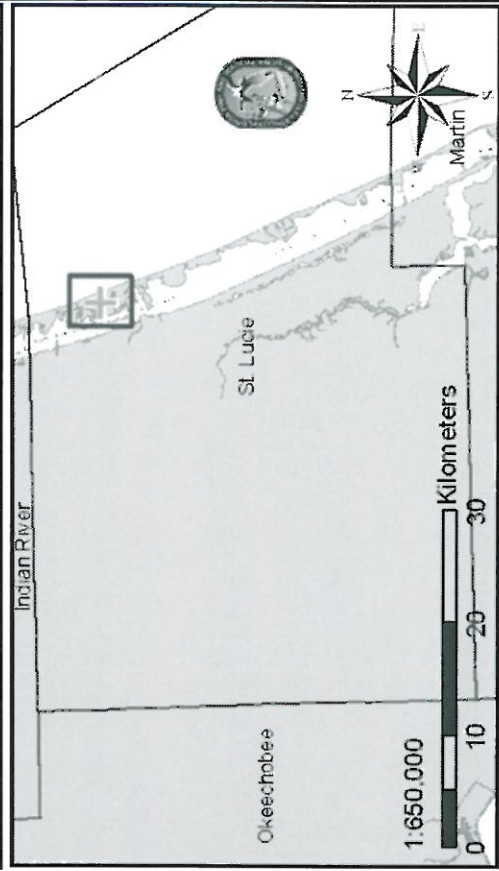
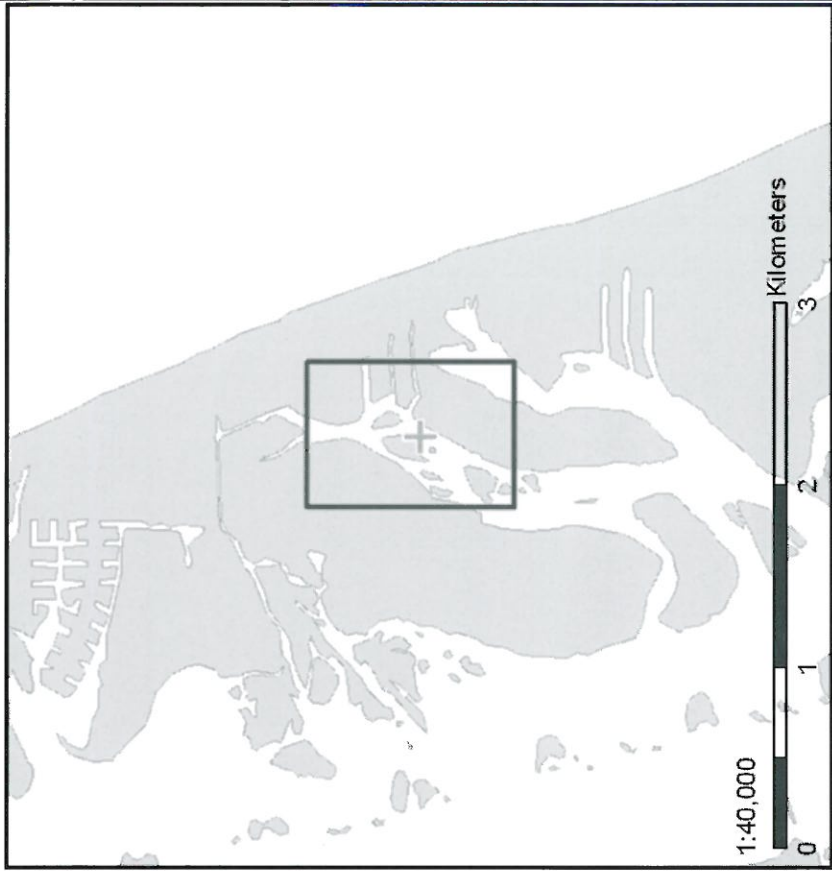
**PARTICIPANTS**

FWC-CAH & KSB, St. Lucie County personnel, public

**PHOTOS**



# Verified Recovery Location of Manatee RSE1017



FIELDID	LATITUDE	LONGITUDE	REPMONTH	REPDAY	REPYEAR	RESDATE	RESBY	MAPBY
RSE1017	27.49827	-80.309478	6	27	2010	6/28/2010	CAH KSB	CAH



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

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**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** Christy Hudak, Research Associate  
Fish & Wildlife Research Institute

**DATE:** 6/30/2010  
**SUBJECT:** **Pneumothorax / RSE1017**

The attached rescue report includes:

- X   Narrative (MS Word)
- X   Digital Pictures (Jpeg)
- X   ArcView Map (Jpeg)
- Entanglement Data

**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

(727) 896-8626

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: RSE 1017 / MST 1020 Date: 20 July 2010 Time Captured (Onboard): \_\_\_\_\_  
 Name: Wildcat Sex: (M) / F Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: 26.942033 N Time Released: 1215 hrs  
 Location: Jupiter / Rio Vista Longitude: -80.096924 W Data Recorder: Hudak C  
 Event: Capture Rescue Pre-release Assess. X Release Post-release Assess.  
 Air Temp =    C    F Water Temp =    C    F Wind: 10-15 mph Cloud Cover: (S) PC MC O R

MORPHOMETRICS		Weight: (lb or kg)	Manatee + stretcher	Stretcher weight
Lengths	* Total Length (curvilinear) (cm)	<u>630 lb</u>		
	* Total Length (straight)		<u>256 cm</u>	
	* Snout to Peduncle		<u>241 cm</u>	
	* Snout to Anus		<u>184 cm</u>	
	* Snout to Umbilicus		<u>161 cm</u>	
Girths	* Girth at Peduncle: actual or 1/2		<u>91 cm</u>	<u>genital 107 cm</u>
	* Girth at Anus: actual or 1/2		<u>133 cm</u>	
	* Girth at Umbilicus: actual or 1/2		<u>173 cm</u>	
	* Girth at Axilla: <u>pair</u> actual or 1/2		<u>175 cm</u>	

ULTRASOUND		Reader Name:			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle	
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>	
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>	
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>	

CONDITION	Body Score:					1	2	3	4	5
	Poor	Fair	Good	Very Good	Excellent / Undetermined					
	Peanut shaped head?	Y / N	Ribs visible?	Y / N						
	Side between anus & peduncle:		Rounded / Flat / Concave							
	Ventrum:		Rounded / Flat / Concave / Ventral Folds							
	Fresh Wounds or Lesions:		Y / N (describe in comments)							
	Person(s) assessing condition:									

REPROD. STATUS	Pregnant? <u>Y / N</u> If so, describe:
	Lactating? <u>Y / N</u>

SAMPLES	<u>N/A</u>	Milk sample collected? stored?	<u>Y / N</u>	Refrig / Freeze
		Volume of milk collected? / Teat?		ml / right left both
		Person collecting milk?		
		Urine? stored?	<u>Y / N</u>	Refrig / Freeze
		Fecal? stored? <u>MSQ</u>	<u>Y / N</u>	Freeze / 5% NBF / 70% ETOH
		Skin? stored?	<u>Y / N</u>	Refrig / Freeze / DMSO
		Cookie?	<u>Y / N</u>	Location:

MONITORING	Heartrate: Stethoscope EKG Pulse-Oximeter None	Data Sheets? <u>Y (N)</u>
	Temperature: Oral Naso-pharyngeal Rectal None	<u>Y (N)</u>
	Respiratory Rate? <u>Y (N)</u>	<u>Y (N)</u>



Manatee ID	Manatee Name:	Date:
<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:
	Location:	
<b>BLOOD</b> N/A	Stick #	Start Time      End Time      Flipper
	1	L / R
	2	L / R
	3	L / R
	Drawn by:	
	# Tubes of Blood Collected	Blue:      Red:      Purple:
		Green:      Yellow:      Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Y / N      PIT tagged at this capture?      Y / N
	PIT tagged by: <i>MSQ</i>	
	* Right #	<i>00-0695-AABD</i>
	* Left #	<i>00-0695-7883</i>
<b>FLAG</b> N/A	Color and Symbol	
<b>TELEMETRY</b> N/A	<b>TAG Type</b>	Argos-GPS / Lotek-GPS / PTT / VHF
	Tag ID#	
	Tag / Antenna Color(s)	Tag:      Antenna:
	VHF Frequency	164.      MHz
	Tag Sonic ID: FWC	Freq:      kHz      Code:      PI:      msec
	<b>BELT</b> Number / Belt Color	FWC      Color:
	Belt Sonic ID: FWC	Freq:      kHz      Code:      PI:      msec
	Belt Knot / Webbing Exposed	Left / Right      inches
	CR2a Programmed Release	Y / N      Date/Time:
N/A	<b>DATA LOGGERS</b>	Tidbit (Temp.)      TDR (Depth)      Salinity
	Manufacturer	Onset      Star-Oddi
	Logger ID Number	
	Logger Location	
	<b>dTag</b> ID & VHF Frequency	ID #:      148.      MHz
	dTag Orientation Angles	dTag Pitch:      °      dTag Roll:      °
	Reference Orientation Angles	Ground Pitch:      °      Ground Roll:      °
	<b>TETHER</b> Strength / Length	Strength:      Length:      ft.
	Tether Sonic ID: FWC	Freq:      kHz      Code:      PI:      msec
	Tagged by:	
<b>PHOTOGRAPHS</b>	Taken by: <i>K Bullard</i>	
	Exposures: <i>FWC013</i>	<i>338-3876 →</i>
<b>SKETCHES</b>	Sketched by: <i>C HUDAK</i>	

Comments

*Morphs taken at MSQ.*

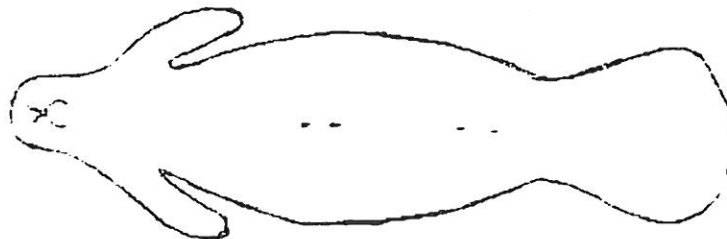
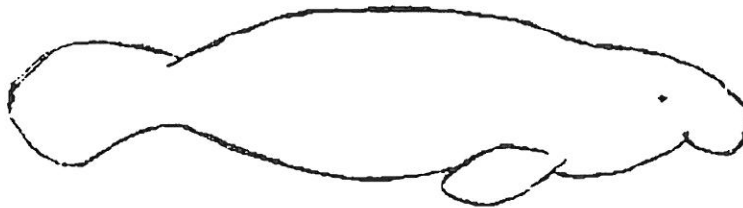
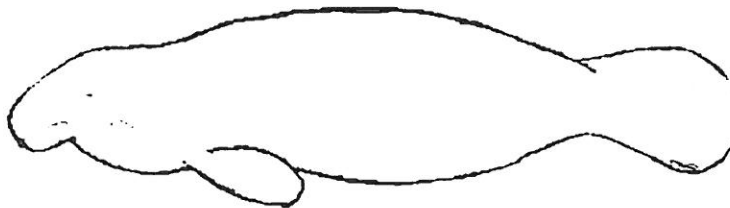
*Entered  
PIT +  
Capture  
8/11/10  
DS*

# MANATEE FREEZE BRAND & SCAR NOTATION FORM

8/11/17  
MSW 020  
"Dolfin"

20 July 2015

Male



The purpose of this form is to collect information regarding the freeze branding of a captive Florida manatee and submit the information to the U.S. Fish & Wildlife Service. An INDIVIDUAL CAPTIVE MANATEE STATUS REPORT should be submitted for ALL manatees in rehabilitation facilities at

# Rescue Report

RSE1018

Resc 12/11/10  
2/19/11  
Colly by self  
Cold Stress

Entered  
01/11/10  
SS

## GENERAL:

Date of Rescue: 22 December 2010	Date of Initial Call: 21 December 2010	Filed by: FWC-JDC
Rescue ID#: RSE1018	Facility ID:MSTm1024	Other ID: Pigpen
FWC Case:11439	Officer Name:	
Sex: Male	Length: 192 cm	Estimated:
PIT Tag Applied:	PIT Tag Present:	#R #L
LOCATION:		
State: FL	City: Ft. Pierce	County: St. Lucie County
Latitude (Decimal Degrees): 27.449762		Waterway: Indian River
Longitude (Decimal Degrees): -80.329103		
Locality Description: Canal behind address at 601 Ave B		
Method of Capture: Hoop Net		

## REASON FOR RESCUE

	Watercraft
	Entanglement
	Entrapment
	Orphan
X	Cold Stress
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement:

### Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface: Depth of Entanglement Penetration: cm



# Rescue Report

RSE1018

Comments:
Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation			

## HISTORY

Date	Narrative
21 December 2010	At 1142, FWC-KSB received a page from FWC SO Dispatch-Palm Beach regarding a possible trapped manatee in Ft. Pierce. Case number 11439 was assigned. FWC-JDC contacted the complainant to get the exact location of the manatee. JDC then contacted the Manatee Observation Center (MOC) to ask if someone could check on the manatee. MOC contacted JDC and advised that the manatee was still in the same spot and that the water was very shallow. JDC and FWC-CAH responded to the scene and found the manatee at the west end of the canal. The manatee was thin and was showing slight signs of cold stress. The manatee was not able to swim out of the canal at that time, but the tide was coming in and the manatee would be able to leave the canal at high tide. It was decided to check the canal in the morning to see if the manatee was still there.
22 December 2010	At 900 hrs, JDC received a call from MOC that the manatee was still in the canal. JDC and FWC volunteer, Brenden Beard, proceeded to the scene with the Rescue Truck and equipment. With assistance from Alessandra Medri, Palm Beach County ERM, West Palm Beach Police and several citizens, the manatee was captured in the hoop net and loaded into the truck by 1315 hrs. JDC transported the manatee to Miami Seaquarium arriving at 1530 hrs.

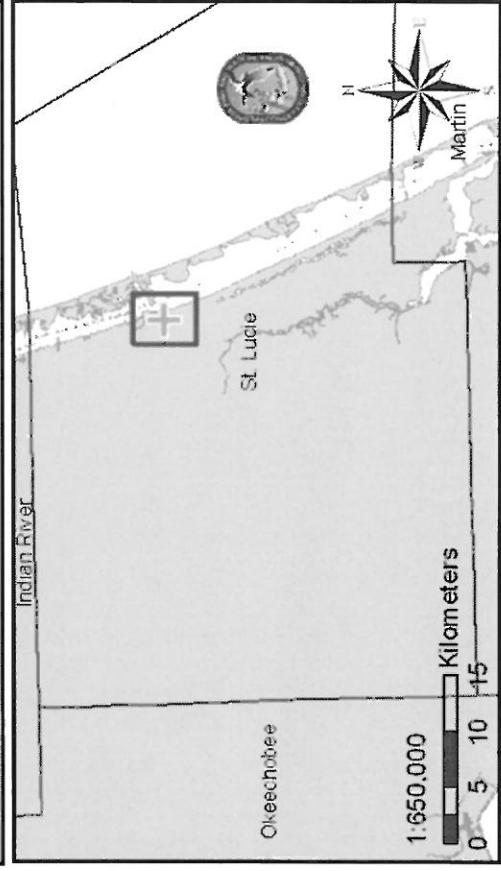
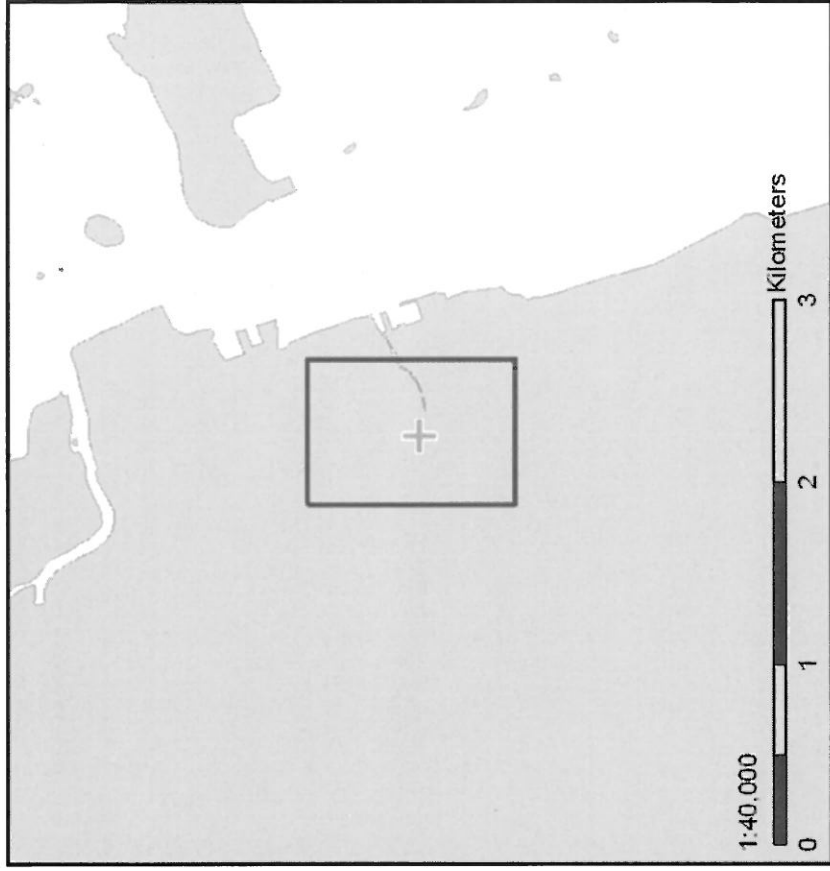
## **PARTICIPANTS**

FWC-JDC, Brenden Beard  
Alessandra Medri, Palm Beach County ERM  
West Palm Beach Police Officers  
Citizens

## **PHOTOS**



# Verified Location of Manatee Rescue RSE1018



FIELDID	LATITUDE	LONGITUDE	REP MONTH	REP DAY	REP YEAR	RES DATE	RES BY	MAP BY
RSE1018	27.449762	-80.329103	12	21	2010	12/22/2010	JDC	JDC



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

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**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** John Cassady, Marine Research Staff  
Fish & Wildlife Research Institute

**DATE:** 03 January 2011  
**SUBJECT:** RSE1018

The attached rescue report includes:

- X   Narrative (MS Word)
- X   Digital Pictures (Jpeg)
- X   ArcView Map (Jpeg)
- Entanglement Data

**Manatee Information (MLog:1229 )**Animal ID:**MSTm1024** Sex:**M** Name:**Pigpen** Rearing:**Wild reared**

## -- Tag Information -----

**Tag Type:** Pit Tag Left    **Date Applied:** 01/31/2011    **Tag ID** 0006F0477B**Tag ID** 0006F0477B**Information:****Event:** Release    **Event Date** 02/09/2011

## -- Report Information -----

**Created By:** Jodi Linvill    **Created Date:** 02/16/2011**Updated By:** D    **Updated Date:** 02/16/2011

## -- Tag Information -----

**Tag Type:** Pit Tag Right    **Date Applied:** 01/31/2011    **Tag ID** 0006F05C23**Tag ID** 0006F05C23**Information:****Event:** Release    **Event Date** 02/09/2011

## -- Report Information -----

**Created By:** Jodi Linvill    **Created Date:** 02/16/2011**Updated By:** D    **Updated Date:** 02/16/2011

Entered PIT & Captive  
2/21/11  
JTS



Florida Fish and Wildlife  
Conservation Commission

MyFWC.com

February 8, 2011

## FWC Media Event

### FWC, partners to release 2 rehabilitated manatees

Contact: Gabriella B. Ferraro, 772-215-9459

**What:** The Florida Fish and Wildlife Conservation Commission (FWC) and its partners plan to release two manatees Wednesday, Feb. 9, in North Palm Beach. One is a juvenile male manatee that was rescued by the FWC last December in Fort Pierce for cold stress. The manatee was rehabilitated at Miami Seaquarium and has been cleared for release. - MSTM1024 "Peggy"

RSE1018

The second animal, a large adult female, has been in captivity since December 1995. When rescued at the St. Lucie Nuclear Power Plant, she was 6 feet long and weighed 250 pounds. Now, she is 11 feet long and 2,200 pounds. Her rehabilitation started at SeaWorld and continued at Homosassa Springs Wildlife State Park and the Columbus Zoo in Ohio. She returned to SeaWorld in November in preparation for her release. - SWFTM9539B

HS9615 "Holly"

**Where:** Boat ramp at Anchorage Park, 603 Anchorage Dr., North Palm Beach, FL 33408.

**When:** Wednesday, Feb. 9, from approximately noon-1 p.m. EST.

**Who:** The FWC's Fish and Wildlife Research Institute staff, FWC Division of Law Enforcement, Miami Seaquarium staff, SeaWorld staff and local law enforcement agencies. Elected officials are invited.

**Media note:** The time is subject to change. You will be advised of any significant change.

GBF/SRO  
WBD/SCB



# Two rehabilitated manatees released into a North Palm Beach canal

Posted: 02/10/2011



By: James Wieland

NORTH PALM BEACH, Fla. - Meet Holly and Pig-pen. Two manatees rescued at two different places, but sharing a common experience.



advertisement

Pig-pen is about the size Holly was when she rescued 16 years ago (240 lbs) from the St. Lucie power plant.

Since then, Holly has seen the country.

Steve Lehr from Sea World Orlando says, "She actually made a few travels, she went to one of our corporate parks in Homosassa Springs, also up to the Columbus Zoo in Ohio, and recently back in '09 she came back to Florida with the hopes of being released."

On her extended vacation, she gained a little weight....more than 1700 pounds!!! "We rescued her in 1995 and she was 240 pounds, right now she is 1,975 pounds," Lehr said.

But she doesn't have to worry about going on a diet, that's normal for manatees.

Don't tell that to the 20 men and women who had to lift her off the truck!

It was quite the sight for onlookers, with the stars of the show coming back for an encore

Deanna Pike was there and enjoyed her experience. "We were all joking it was like a photo opportunity because they both came back up to the ramp, stuck their noses out, took pictures, turned around and went about their way, it was absolutely beautiful."

Fitted with a tracking device, scientists will be able to keep an eye on them for the next year, to make sure they are OK.

The two manatees, who never met before Wednesday, were released together for a reason

"We were hoping that she might exhibit some maternal instincts, and he might take to her as a large female and stick by her and so far that's what we've seen. We saw them nuzzling each other, they were staying right next to each other....they seem to be creating a bond right here at the boat ramp," said John Cassady, a manatee biologist for the Florida Fish and Wildlife Conservation Commission.

That bond will help them conquer their new life, and new world .... together.

If you see any distressed or injured manatees, call the FWC Manatee Hotline at 888-404-3922.

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# Rescue Report

RSE1101

Resc / Dth  
2/15/11  
Natural  
Cold Stress

Entered  
01/12/11  
DSS

## GENERAL:

Date of Rescue: 4 January 2011	Date of Initial Call: 4 January 2011	Filed by: FWC-KSB
Rescue ID#: RSE1101	Facility ID: MSTm1102	Other ID: "Peppermint"
FWC Case: 112	Officer Name:	
Sex: F	Length: 229 cm	Estimated:
PIT Tag Applied:	PIT Tag Present: N	#R #L
LOCATION:		
State: FL	City: Boca Raton	County: Palm Beach
Latitude (Decimal Degrees): 26.366691		Waterway: El Rio Canal
Longitude (Decimal Degrees): -80.095604		
Locality Description: Behind 1675 NW 4 <sup>th</sup> Ave., S of dam, E of F.A.U. campus		
Method of Capture: Hoop net		

## REASON FOR RESCUE

	Watercraft
	Entanglement
	Entrapment
	Orphan
X	Cold Stress
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement: Right flipper

## Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface:    Depth of Entanglement Penetration: cm
Comments:	

## Rescue Report

RSE1101

Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

### HISTORY

Date	Narrative
4 January 2011	At 1425 hrs, FWC-KSB received a page from FWC SO Dispatch Palm Beach regarding a small manatee in a shallow canal behind FAU campus. Case number 112 was assigned. The complainant, Bill (561-756-7263), reported that the manatee had been seen in the canal for the past three days, and it was possibly trapped. KSB, FWC-JDC, and FWC- Intern KAG arrived to the scene by 1600 hrs. The manatee was thin and showed signs of cold stress. KSB and KAG swam through the canal with intentions to move the manatee into shallow water; JDC stood in the shallows with the hoop net, and captured the manatee by 1750 hrs. The manatee was lifted into the stretcher, and loaded into the rescue truck by 1820 hrs. JDC, KSB, and KAG transported the manatee to MSQ by 1945 hrs.

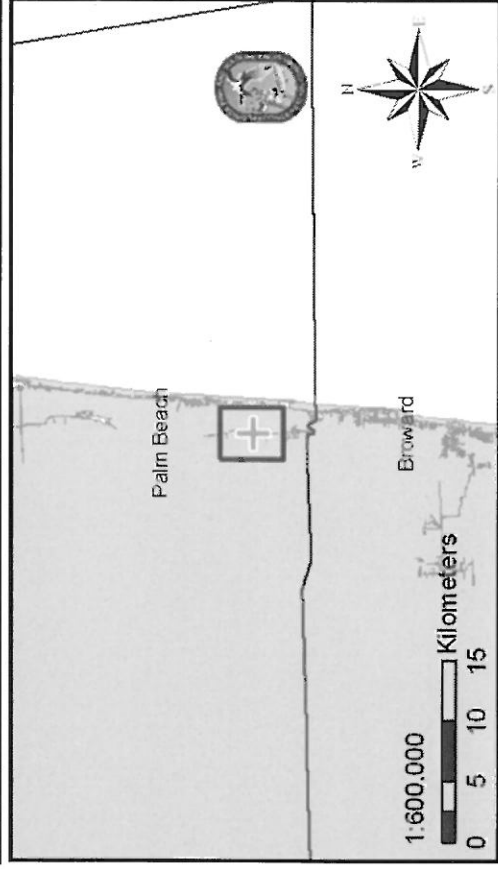
### PARTICIPANTS

FWC- JDC, KSB, KAG  
FAU Parking and Transportation Personnel  
FAU Campus Police

### PHOTOS



# Verified Location of Manatee Rescue RSE1101



FIELDID	LATITUDE	LONGITUDE	REP MONTH	REP DAY	REP YEAR	RES DATE	RESBY	MAPBY
RSE1101	26.366691	-80.095604	1	4	2011	1/4/2011	JDC KSB KAG	KAG



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

---

**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** John Cassady, Marine Research Staff  
Fish & Wildlife Research Institute

**DATE:** 4 January 2011

**SUBJECT:**

The attached rescue report includes:

- ☒ Narrative (MS Word)
- ☒ Digital Pictures (Jpeg)
- ☒ ArcView Map (Jpeg)
- ☐ Entanglement Data



Szemer, Donna

MSTM1102

RSE1101

**From:** mayadvn@msn.com  
**Sent:** Wednesday, January 05, 2011 11:33 AM  
**To:** Garrett, Andy; art.yerian@dep.state.fl.us; bill.hughes@seaworld.com; boyd\_blihovde@fws.gov; cbeck@usgs.gov; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; Jacob, Katalin; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; michael\_lusk@fws.gov; Mosier, Andrea; mrossbtl@aol.com; Nicole Adimey; Quigley, Wendy; ray.ball@lowryparkzoo.com; rbonde@usgs.gov; Reinert, Tom; rose@msq.cc; robert.wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; steven.lehr@seaworld.com; susan.lowe@dep.state.fl.us; Szemer, Donna; virginia.edmonds@lowryparkzoo.com; Ward, Leslie  
**Subject:** RE: Rescue Updates

Hi all, The **SE** thin girl has the enteritis with watery and black stools but moving well and drinking small amounts of water after treatment. The SW female has a pneumo free air right side, negative pressure but lung not expanding normally and blood so possible hematoma on the left, and the severe acute cold lesions with edema on the pecs and the neuro "twitch" to the muzzle, she did not correct her 180 tilt with the air aspiration to the right side and her blood cells show a really poor picture so very guarded prognosis. She also had the Manatee Instant Growth disease where observers see a 7 foot animal and tada when help arrives it grew to 11 feet.

Maya

> From: Andy.Garrett@MyFWC.com  
> To: Andy.Garrett@MyFWC.com; Art.Yerian@dep.state.fl.us; 'Bill.Hughes@SeaWorld.com'; Boyd Blihovde@fws.gov; cbeck@usgs.gov; curator@lowryparkzoo.com; Martine.deWit@MyFWC.com; Katherine.Frisch@MyFWC.com; Katalin.Jacob@MyFWC.com; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; MayaDVM@msn.com; Michael Lusk@fws.gov; Andrea.Mosier@MyFWC.com; mrossbtl@aol.com; Nicole Adimey@fws.gov; Wendy.Quigley@MyFWC.com; Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Tom.Reinert@MyFWC.com; rose@msq.cc; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Carli.Segelson@MyFWC.com; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Donna.Szemer@MyFWC.com; Virginia.Edmonds@LowryParkZoo.com; Leslie.Ward@MyFWC.com  
> Date: Wed, 5 Jan 2011 08:32:42 -0500  
> Subject: Rescue Updates  
>  
> The POI manatee was rescued yesterday afternoon. The animal did have a serious buoyancy issue (subsurface swimming with a 180 degree list even when breathing) as well as cold stress. The manatee was also very thin which might have worked in our favor because I think she would have been over 2000 lbs if healthy.  
>  
> The POI manatee was transferred to a MSQ transport team who met FWC on the highway to help reduce the pressure on FWC SWF staff who have been in overdrive with carcass salvaging the past few weeks. Thanks MSQ staff, we really appreciated the assistance.  
>  
> A 7 ft lethargic and thin manatee was also rescued from Boca Raton late yesterday afternoon. That manatee was also taken to MSQ for treatment.  
>  
> Thanks to MSQ for accepting these animals yesterday.  
>  
> Other Updates:  
>  
> - There is still a MIA VHF tagged excessively buoyant manatee somewhere in the SE (Boynton area) that needs to be rescued.  
>  
> - No other Wiggans 4 updates from Blue Springs (manatee with alligator gig)  
>  
> - Ann is continuing to monitor some manatees with cold stress in the Desoto Canals, but nothing she feels is critical at this time.  
>

>  
> -Andy  
>  
> -----Original Message-----  
> From: Garrett, Andy  
> Sent: Tuesday, January 04, 2011 12:13 PM  
> To: Art Yerian; 'Bill.Hughes@SeaWorld.com'; [Boyd Blihovde@fws.gov](mailto:Boyd.Blihovde@fws.gov); [cbeck@usgs.gov](mailto:cbeck@usgs.gov); [curator@lowryparkzoo.com](mailto:curator@lowryparkzoo.com);  
deWit, Martine; Frisch, Katherine; Jacob, Katalin; [jim\\_reid@usgs.gov](mailto:jim_reid@usgs.gov); Jodi Linvill; [jpowell@sea2shore.org](mailto:jpowell@sea2shore.org); Maya;  
[Michael\\_Lusk@fws.gov](mailto:Michael_Lusk@fws.gov); Mosier, Andrea; [mrossbt1@aol.com](mailto:mrossbt1@aol.com); [Nicole Adimey@fws.gov](mailto:Nicole_Adimey@fws.gov); Quigley, Wendy;  
[Ray.Ball@LowryParkZoo.com](mailto:Ray.Ball@LowryParkZoo.com); [rbonde@usgs.gov](mailto:rbonde@usgs.gov); Reinert, Tom; Robert Rose; [Robert.Wagoner@seaworld.com](mailto:Robert.Wagoner@seaworld.com);  
[sbutler@usgs.gov](mailto:sbutler@usgs.gov); Segelson, Carli; 'Steven.Lehr@seaworld.com'; [Susan.Lowe@dep.state.fl.us](mailto:Susan.Lowe@dep.state.fl.us); Szemer, Donna; Virginia  
Edmonds; Ward, Leslie  
> Subject: SW - POI  
>  
> A lethargic, excessively buoyant, listing, 7-8 ft manatee has been reported in Port of the Islands, FL. FWC officers are  
on scene with the animal. A rescue crew is assembling from the MMPL, SWFL, and Rookery Bay.  
>  
> Denise is in the process of contacting MSQ to see if they could accept the animal.  
>  
> -Andy



## Szemer, Donna

**From:** mayadvn@msn.com  
**Sent:** Saturday, January 08, 2011 9:43 AM  
**To:** Ward, Leslie; Garrett, Andy; art.yerian@dep.state.fl.us; bill.hughes@seaworld.com; boyd\_blihovde@fws.gov; cbeck@usgs.gov; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; Jacob, Katalin; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; michael\_lusk@fws.gov; Mosier, Andrea; mrossbtl@aol.com; Nicole Adimey; Quigley, Wendy; ray.ball@lowryparkzoo.com; rbonde@usgs.gov; Reinert, Tom; rrose@msq.cc; robert.wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; steven.lehr@seaworld.com; susan.lowe@dep.state.fl.us; Szemer, Donna; virginia.edmonds@lowryparkzoo.com  
**Subject:** RE: Rescue update

(RSW1102)-MSTM1101-DH  
(RSW1101)-MSTM1102  
(RSW1104)-MSTM1103-DH

Hi All, So sorry the first POI female passed shortly after putting the second one in the pool. Her mentation may have been off as she had a stange altercation with the new one by going to her and pushing her and paddling her when we put her in. The second unilateral bouyancy one had negative pressure both sides (no free air) Her left down side only expanded cranially and did not expand caudally and when we went to tube her she had much pus coming out of her trachea so she may have a lung abcess on the down side, I also could not tube her which is also a poor sign of throat lymphatics very swollen. She did not have the "hypertension"bright red blood flow but rather the slow dark blood flow but was also appeared more advanced in chronicity than the other one and passed black (digested blood)stools. She also passed away several hours later. Her little cold stressed girl has some outer abcesses and many precursor white cells which normally carries a poor prognosis but since last year appears to be the new norm for cold stress and can improve with treatment, she is resting comfortably with two other little companions close to her size. Charlie (Port Charlotte) PigPen (Ft. Pierce) and Peppermint (Boca) little ones are eating great.

Maya

> From: Leslie.Ward@MyFWC.com

> To: Andy.Garrett@MyFWC.com; Art.Yerian@dep.state.fl.us; 'Bill.Hughes@SeaWorld.com'; Boyd\_Blihovde@fws.gov; cbeck@usgs.gov; curator@lowryparkzoo.com; Martine.deWit@MyFWC.com; Katherine.Frisch@MyFWC.com; Katalin.Jacob@MyFWC.com; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; MayaDVM@msn.com; Michael\_Lusk@fws.gov; Andrea.Mosier@MyFWC.com; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Wendy.Quigley@MyFWC.com; Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Tom.Reinert@MyFWC.com; rrose@msq.cc; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Carli.Segelson@MyFWC.com; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Donna.Szemer@MyFWC.com;

Virginia.Edmonds@LowryParkZoo.com

> Date: Fri, 7 Jan 2011 15:18:12 -0500

> Subject: RE: Rescue update

>

> Update: cow/calf pair rescued at POI, cow in rough shape, both en route to Miami...Rookery bay transporting in FWC truck.

>

> FPL Canaveral animal left on arrival...staff we continue to look out for this one.

>

> -----Original Message-----

> From: Garrett, Andy

> Sent: Friday, January 07, 2011 10:06 AM

> To: Garrett, Andy; 'Art Yerian'; 'Bill.Hughes@SeaWorld.com'; 'Boyd\_Blihovde@fws.gov'; 'cbeck@usgs.gov'; 'curator@lowryparkzoo.com'; deWit, Martine; Frisch, Katherine; Jacob, Katalin; 'jim\_reid@usgs.gov'; 'Jodi Linvill'; 'jpowell@sea2shore.org'; 'Maya'; 'Michael\_Lusk@fws.gov'; Mosier, Andrea; 'mrossbtl@aol.com'; 'Nicole\_Adimey@fws.gov'; Quigley, Wendy; 'Ray.Ball@LowryParkZoo.com'; 'rbonde@usgs.gov'; Reinert, Tom; 'Robert Rose'; 'Robert.Wagoner@seaworld.com'; 'sbutler@usgs.gov'; Segelson, Carli; 'Steven.Lehr@seaworld.com'; 'Susan.Lowe@dep.state.fl.us'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie

> Subject: RE: Rescue update

>

> Maybe we should all just switch to a live chat.

>

> The mom-calf pair in POI was just sighted. A rescue team is currently assembling (which will include me). The mom is

reported to be in pretty rough shape with labored breathing.

>

> We will be working on transport logistics and probably will be requesting assistance with transport (maybe MARS) because our FWC SWFL staff are running on empty especially because of last night's Venice rescue, transport, and release.

>

>

>

> -----Original Message-----

> From: Garrett, Andy

> Sent: Friday, January 07, 2011 9:52 AM

> To: Garrett, Andy; 'Art Yerian'; 'Bill.Hughes@SeaWorld.com'; 'Boyd\_Blihovde@fws.gov'; 'cbeck@usgs.gov'; 'curator@lowryparkzoo.com'; deWit, Martine; Frisch, Katherine; Jacob, Katalin; 'jim\_reid@usgs.gov'; 'Jodi Linvill'; 'jpowell@sea2shore.org'; 'Maya'; 'Michael\_Lusk@fws.gov'; Mosier, Andrea; 'mrossbtl@aol.com'; 'Nicole\_Adimey@fws.gov'; Quigley, Wendy; 'Ray.Ball@LowryParkZoo.com'; 'rbonde@usgs.gov'; Reinert, Tom; 'Robert Rose'; 'Robert.Wagoner@seaworld.com'; 'sbutler@usgs.gov'; Segelson, Carli; 'Steven.Lehr@seaworld.com'; 'Susan.Lowe@dep.state.fl.us'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie

> Subject: Rescue update

>

> Margie Barlas is currently on scene with a 7 ft severely cold stressed manatee at the FPL plant in Brevard. FWC ECFL staff are responding and will hopefully be able to rescue using a land set.

>

> Sea World, Christy will be contacting you in the next 10 minutes to discuss bringing you the manatee and possibly asking for assistance if they have trouble capturing the manatee.

>

> -Andy

>

> -----Original Message-----

> From: Garrett, Andy

> Sent: Friday, January 07, 2011 8:48 AM

> To: Art Yerian; 'Bill.Hughes@SeaWorld.com'; Boyd\_Blihovde@fws.gov; cbeck@usgs.gov; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; Jacob, Katalin; jim\_reid@usgs.gov; Jodi Linvill; jpowell@sea2shore.org; Maya; Michael\_Lusk@fws.gov; Mosier, Andrea; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Quigley, Wendy; Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Reinert, Tom; Robert Rose; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Szemer, Donna; Virginia Edmonds; Ward, Leslie

> Subject: Rescue update

>

> FWC SWFL staff rescued a 6-7 ft lethargic cold stressed manatee in Alligator Creek (Venice, FL) yesterday evening. The manatee was in extremely shallow water when officers verified it. Because of the time of day 6:45 pm, the animal was not taken to a critical care facility. The FWC SWFL relocated the manatee to Warm Mineral Springs last night and FWC SWFL staff will check on its condition this am.

>

> An excessively buoyant listing adult female (with no obvious watercraft wounds) with cold stress and a large calf was observed Wednesday afternoon (in 10,000 Islands) and Thursday (POI) (photo attached). If these manatees are relocated, they will be captured and taken to MSQ.

>

> A large lethargic cold stressed manatee was observed Wednesday afternoon in Englewood. A rescue attempt was planned for yesterday, but the manatee was not relocated. If this animal is found it will be rescued and potentially taken to LPZ.

>

> The manatee rescued from Okeechobee a few weeks ago died yesterday at SWF. This has opened up their medical pool.

>

>

>

> -Andy

## Szemer, Donna

---

**From:** Jodi Linvill [jlinvill@msq.cc]  
**Sent:** Tuesday, February 22, 2011 10:38 AM  
**To:** Szemer, Donna  
**Cc:** Maya  
**Subject:** RE: Peppermint

Donna,

Peppermint/MSTm1102 did die on 2-15-11. Maya did the necropsy and will be doing the death report.  
Jodi

-----Original Message-----

**From:** Szemer, Donna [<mailto:Donna.Szemer@MyFWC.com>]  
**Sent:** Monday, February 21, 2011 11:50 AM  
**To:** Jodi Linvill  
**Subject:** Peppermint

Hi, Judi,

Can you please verify that Peppermint/MSTM1102 died? If so, what was the death date?

Thanks,  
Donna



## Szemer, Donna

---

**From:** mayadvn@msn.com  
**Sent:** Thursday, February 17, 2011 11:00 PM  
**To:** Garrett, Andy; art.yerian@dep.state.fl.us; bill.hughes@seaworld.com; boyd\_blihovde@fws.gov; cathy\_beck@usgs.gov; cbeck@usgs.gov; millerc@jacksonvillezoo.org; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; gzern@co.volusia.fl.us; Jacob, Katalin; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; laura.eldredge@gmail.com; michael\_lusk@fws.gov; walshm@vetmed.ufl.edu; Mosier, Andrea; mrossbt@aol.com; Nicole Adimey; pamelasweeney@dep.state.fl.us; Quigley, Wendy; ray.ball@lowryparkzoo.com; rbonde@usgs.gov; Reinert, Tom; rrose@msq.cc; robert.wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; steven.lehr@seaworld.com; susan.lowe@dep.state.fl.us; Szemer, Donna; virginia.edmonds@lowryparkzoo.com; Ward, Leslie  
**Subject:** RE: Rehab update  
**Attachments:** MSTm1107 2-17-2011.JPG

Update from MSQ: The cold stress this week from Ann's area is responding but very slowly, he came in with necrotic flippers and skin that came off in our hands. Attached is a picture of something that is helping us with the "stiff necks/frozen flippers" a life jacket put on backwards. (Thanks to Mike Walsh it was an old idea for sinkers)  
On a sad note, Peppermint the small cold stress from January passed away. She had responded well but then began passing foreign objects (mono line, bubble wrap, plastic pieces, a lure) radiographs, 2 endoscopies, barium series, many tubings and enemas but she still deteriorated even though she ate off and on.  
Woodstock the orphan from POI is taking turns latching on to the Ladies in or main pool but still gets plenty of lettuce, Pachyderm cold stress from Ft. Pierce has not stopped eating since she began. Oh pregnant boat strike Celebrity responded very well and rapidly and was released this week.  
Maya

> From: Andy.Garrett@MyFWC.com  
> To: Art.Yerian@dep.state.fl.us; 'Bill.Hughes@SeaWorld.com'; Boyd Blihovde@fws.gov; Cathy Beck@usgs.gov; cbeck@usgs.gov; millerc@jacksonvillezoo.org; curator@lowryparkzoo.com; Martine.deWit@MyFWC.com; Katherine.Frisch@MyFWC.com; gzern@co.volusia.fl.us; Katalin.Jacob@MyFWC.com; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; laura.eldredge@gmail.com; MayaDVM@msn.com; Michael Lusk@fws.gov; WalshM@vetmed.ufl.edu; Andrea.Mosier@MyFWC.com; mrossbt@aol.com; Nicole Adimey@fws.gov; Pamela.Sweeney@dep.state.fl.us; Wendy.Quigley@MyFWC.com; Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Tom.Reinert@MyFWC.com; rrose@msq.cc; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Carli.Segelson@MyFWC.com; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Donna.Szemer@MyFWC.com; Virginia.Edmonds@LowryParkZoo.com; Leslie.Ward@MyFWC.com  
> Date: Wed, 16 Feb 2011 11:29:46 -0500  
> Subject: Rescue Alert  
>  
> Harbor Branch:  
>  
> A small adult entangled manatee was reported yesterday in the canal behind Harbor Branch by Harbor Branch staff. SEFL staff responded but the animal left they canal before they arrived. The manatee has been reported again today and SEFL staff will attempt to catch the animal. The entanglement sounds severe and is reported a body wrap (rope) that is deeply imbedded. MSQ is ready to receive the animal if captured.  
>  
> -Andy

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID # MSTm1102  
Date of Report: 2011-Feb-16  
Filed By: MSQ

FWC Case # 0112

FWC Region: SO

Sex: Female

Length: 229.0 cm

Weight: 150.0 kg

DATE REPORTED: 2011-Feb-16

By: MSQ to MMPL-MdW

DATE COLLECTED: 2011-Feb-16

By: MSQ

DATE NECROPSIED: 2011-Feb-17

By: MSQ

LOCATION: State: FL

Latitude: 26.366691 N

County: Palm Beach

Longitude: -80.095604 W

Waterway: El Rio Canal

Locality description: Boca Raton, Boca Raton, behind the address at 1675 NW 4th Ave, S of the dam and E of FAU campus.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Undetermined: Other

Explain:

Emaciated; cold stress lesions; depleted, serous fats; fluid pleural cavities; congested lungs; ulcers SI mucosa; ulcers small intestine mucosa; enlarged lymph nodes; empty upper GI tract; passed foreign bodies.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Fluke, Internal, Other

MATERIALS COLLECTED:

earbone, histology, bacteriology samples, skull.

DISPOSITION OF MATERIAL: MSQ pending distribution.

ADDITIONAL DATA:

rescue report.

REMARKS:

PIT tag scan negative. Known as "Peppermint". See rescue report RSE1101. Rescued on 04 Jan 2011 and died on 15 Feb 2011. Monofilament, lure, plastic expelled from GI tract.

Page 1&2	21 Aug 2012
Necropsy Report	21 Aug 2012
Lat/Long	31 Aug 2012

# Rescue Report

RSE1102

*Asst. Rel*

*Entered  
2/18/11  
JSS*

*Natural  
Stranded*

## GENERAL:

Date of Rescue: 23 January 2011	Date of Initial Call: 23 January 2011	Filed by: FWC-KSB
Rescue ID#: RSE1102	Facility ID: N/A	Other ID: N/A
FWC Case: 685	Officer Name: N/A	
Sex: M Length: cm	Estimated: <i>260cm</i>	
PIT Tag Applied:	PIT Tag Present: #R	#L
LOCATION:		
State: FL City: West Palm Beach	County: Palm Beach	Waterway: <i>Lake Worth</i> <del>Intracoastal Waterway</del>
Latitude (Decimal Degrees): 26.754685		Longitude (Decimal Degrees): -80.050875
Locality Description: 4850 N. Flagler Dr., under dock behind Flotilla Club		
Method of Capture: Assist and Release		

## REASON FOR RESCUE

	Watercraft
	Entanglement
X	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

--

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

**HISTORY**

Date	Narrative
23 January 2011	At 1549 hrs, FWC-KSB received a page from FWC SO Dispatch Palm Beach regarding a stranded manatee in West Palm Beach, Palm Beach County. FWC case number 685 was assigned. The complainant, Howard (561-373-0928) reported that the manatee was stuck in shallow water under a dock. KSB and FWC Volunteer Brenden Beard responded to the scene by 1640 hrs. The manatee had old healed scars, a normal breathing rate, and exhibited minimal cold stress symptoms. KSB believed it was possible the manatee had wandered into a nearby culvert when the tide went out; upon exiting the culvert, a sandbar had surfaced, that blocked the manatee's access to deeper water. Since the tide was continuing to go out, KSB decided to move the manatee into deeper water. KSB gathered 6 citizens from a near-by restaurant to assist with the move. The stretcher was used to lift the manatee over the sandbar, and the manatee swam north into the ICW towards Riviera Beach Power plant.

**PARTICIPANTS**

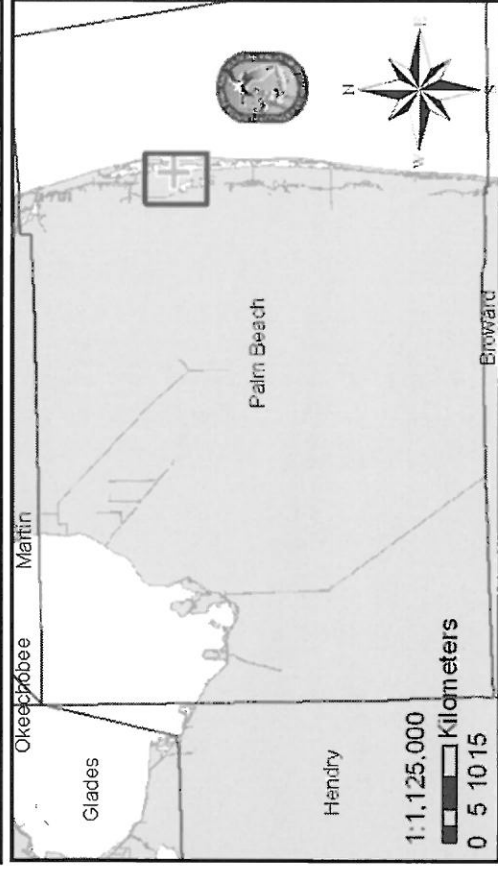
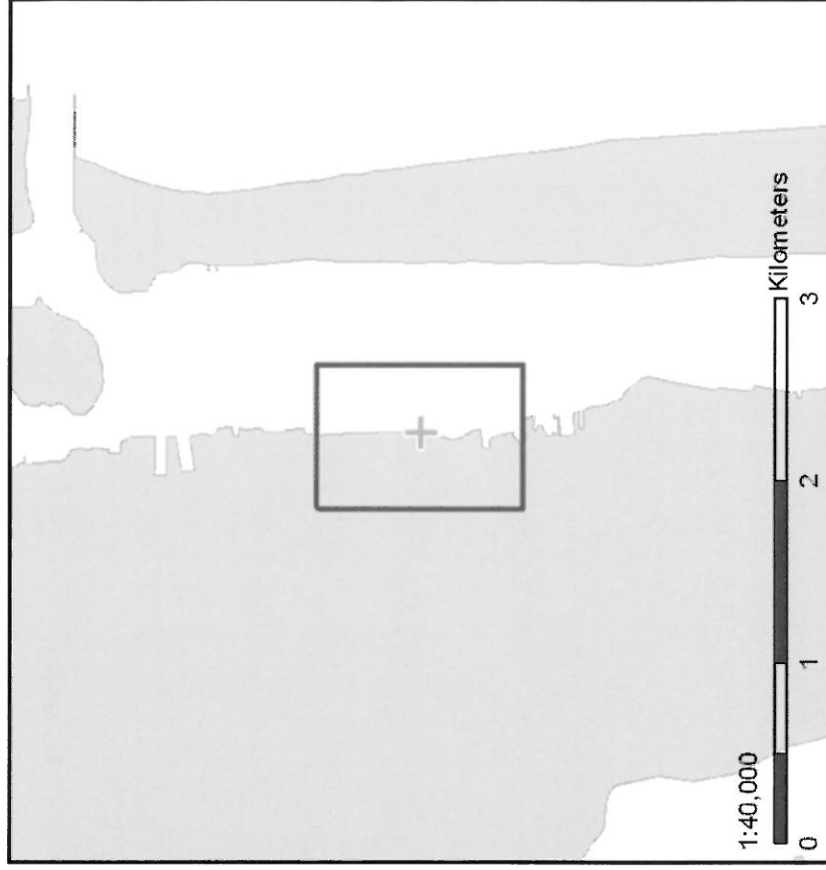
FWC- KSB, FWC Volunteer Brenden Beard, Citizens

PHOTOS





# Verified Location of Manatee Rescue RSE1102



FIELD ID	LATITUDE	LONGITUDE	REP DAY	REP MONTH	REP YEAR	RES DATE	RES BY	MAP BY
RSE1102	26.754685	-80.060875	23	1	2011	1/23/2011	KSB	KSB



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

---

**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** John Cassady, Research Associate  
Fish & Wildlife Research Institute

**DATE:** 23 January 2011

**SUBJECT:** RSE1102

The attached rescue report includes:

- X   Narrative (MS Word)
- X   Digital Pictures (Jpeg)
- X   ArcView Map (Jpeg)
- Entanglement Data

# Rescue Report

RSE1103

Resc 1103  
1/30/11  
MSE1119  
Watercraft

Entered  
2/21/11  
JTS

## GENERAL:

Date of Rescue: 30 January 2011	Date of Initial Call: 30 January 2011	Filed by: FWC-KSB
Rescue ID#: RSE1103	Facility ID: N/A	Other ID: MSE1119
FWC Case: 860	Officer Name: Dep. Smith, PBSO	
Sex: <u>M</u> Length: <u>23</u> cm	Estimated: <u>188kg</u>	
PIT Tag Applied:	PIT Tag Present: #R	#L
LOCATION:		
State: FL City: Tequesta	County: Palm Beach	Waterway: <u>Jupiter Sound</u> Intracoastal Waterway
Latitude (Decimal Degrees): 26.962839		Longitude (Decimal Degrees): -80.082966
Locality Description: Located on boat ramp next to 19474 Harbor Rd. South		
Method of Capture: Citizen rescue		

## REASON FOR RESCUE

X	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement:

### Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface: Depth of Entanglement Penetration: cm
Comments:	

# Rescue Report

RSE1103

Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury		X	
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

## HISTORY

Date	Narrative
30 January 2011	<p>At 0854 hrs, FWC-KSB received a page from FWC SO Dispatch Palm Beach regarding an injured manatee in the ICW, Tequesta, Palm Beach County. FWC case number 860 was assigned. The original complainant had reported an injured manatee to Palm Beach County Sheriff's Office. Marine Unit Dep. Smith (561-644-1824) responded to the scene and eventually passed the information to the FWC hotline after 45 minutes of being on scene. Dep. Smith reported that the manatee was swimming in circles, listing to one side, and having trouble breathing. KSB instructed the Deputy to stay with the manatee until her arrival, and informed FWC-JDC of a potential rescue. While in route to the scene, Dep. Smith contacted KSB to report that the manatee was swimming into a quiet residential canal; he claimed he had the ability to move the manatee onto a boat ramp, to prevent "chasing it around all day" and to prevent it from swimming in the channel near boat traffic. KSB instructed him to not touch the manatee in any way, and explained that she needed to assess the manatee's behavior before any further human interaction occurred. When KSB arrived to the scene by 0915 hrs, the manatee was grounded and in seizure. A citizen had moved the manatee onto a boat ramp by pulling its' flipper, then placed a life jacket underneath the head, with intentions to help it breathe. Although the manatee's head was above water-level, the citizen was lifting the head in an up-and-down motion, under the impression that he was reminding the manatee to breathe. KSB immediately instructed all citizens to step away from the manatee. The manatee ended seizure and expired by 0918 hrs. JDC met KSB at the scene by 1015 hrs, and assisted with loading the carcass. The carcass was transported back to the Tequesta Field Station by 1040 hrs.</p>

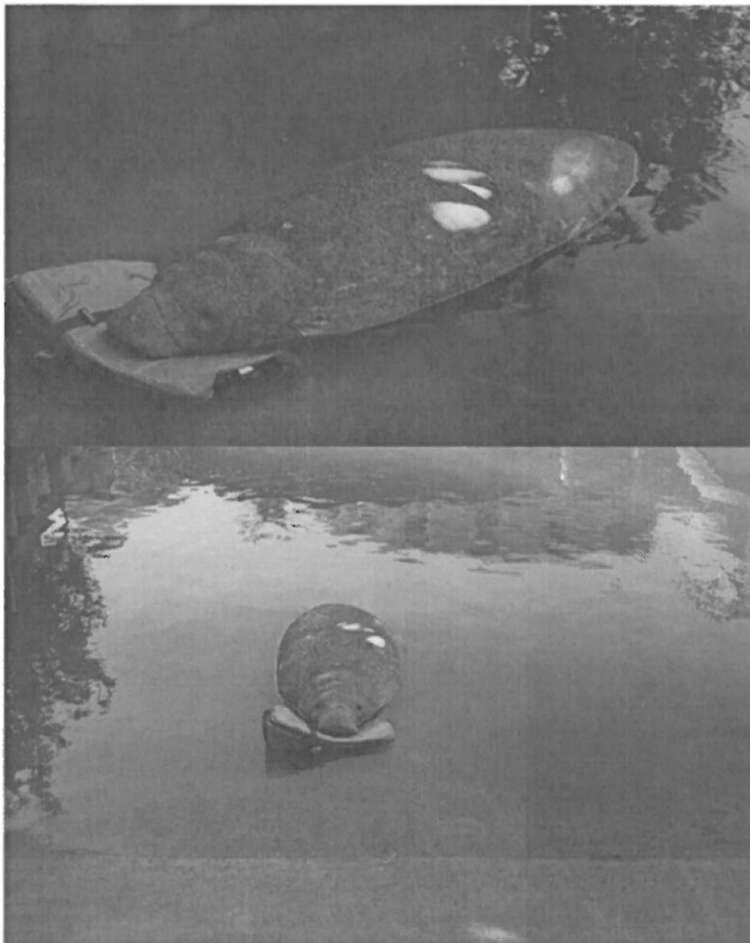
31 January 2011

The carcass was transported to MMPL by 1030 hrs.

**PARTICIPANTS**

FWC-KSB, Palm Beach Co. Dep. Smith, Citizens

**PHOTOS**







**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** John Cassady, Research Associate  
Fish & Wildlife Research Institute

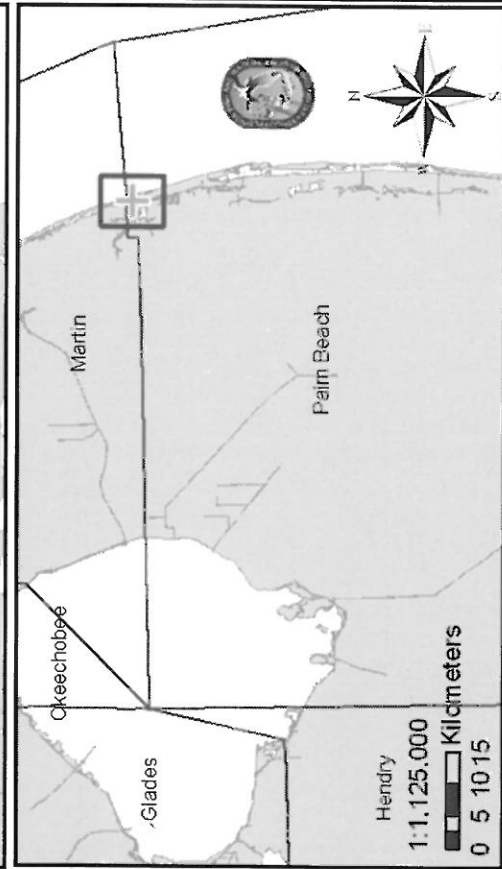
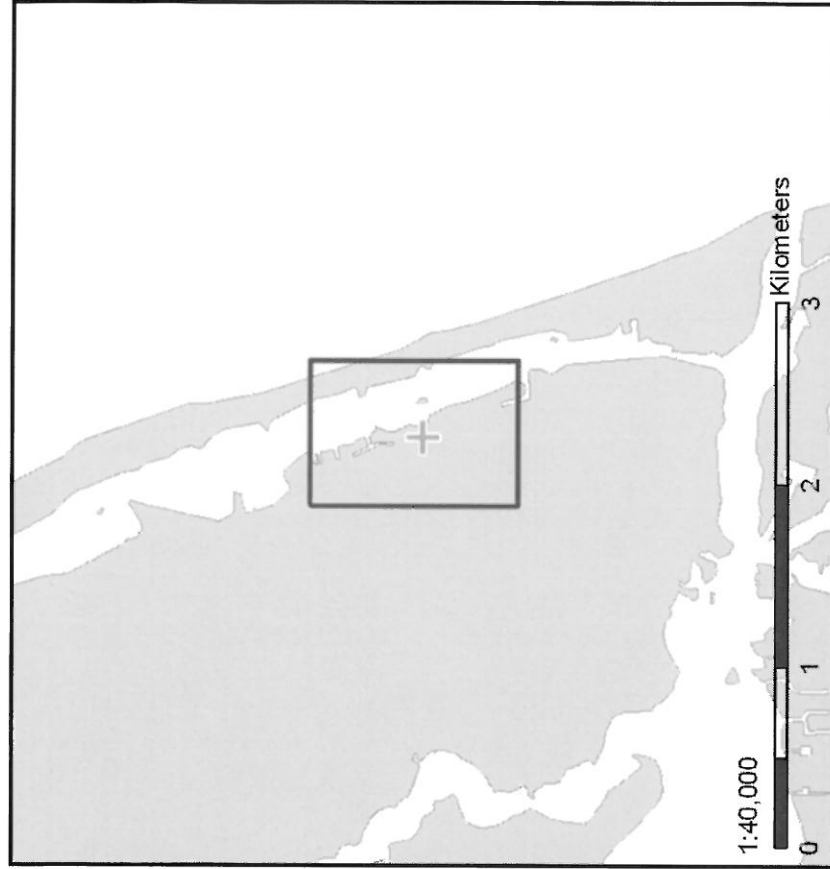
**DATE:** 30 January 2011

**SUBJECT:** RSE1103

The attached rescue report includes:

- ☒ Narrative (MS Word)
- ☒ Digital Pictures (Jpeg)
- ☒ ArcView Map (Jpeg)
- ☐ Entanglement Data

# Verified Location of Manatee Rescue RSE1103



FIELD ID	LATITUDE	LONGITUDE	REP MONTH	REP DAY	REP YEAR	RES DATE	RES BY	MAP BY
RSE1103	26.962839	-80.082973	1	30	2011	1/30/2011	KSB, JDC	KAG

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID # MSE1119

Date of Report: 2011- Jan -31

Filed By: FWC MMPL

FWC Case # 0860

FWC Region: SO

Sex: Male

Length: 213.0 cm

Weight: 188.0 kg.

DATE REPORTED: 2011- Jan -30

By: Citizen to Palm Beach SO to FWC SO Dispatch

DATE COLLECTED: 2011- Jan -30

By: FWC-KSB,JDC

DATE NECROPSIED: 2011- Jan -31

By: MMPL-BLB,MdW,MSF,KJR FWC-KSB

LOCATION: State -- FL

Latitude: 26.962838 N

County -- Palm Beach

Longitude: 80.082966 W

Waterway -- Jupiter Sound

Locality description: Tequesta, at the boat ramp next to the residence at 19474 Harbor Rd. South.

CONDITION: Moderately Decomposed

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

Explain: Impact, acute. Fresh wounds;fractured ribs,vertebrae;hemothorax,-abdomen;pallor,shredded kidney;torn colon,hemidiaphragm,lung,parietal pleura;blood clots,mucus Airways;GI contents Abdomen;congestion.

PHOTOGRAPHS TAKEN: dorsal, ventral, lateral, fluke, internal, other

MATERIALS COLLECTED:

genetics, earbone, ELISA toxicology samples, feces for Janet Lanyon.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

partial measurements, wound measurements, rescue report.

REMARKS:

PIT tag scan negative. Cold stress lesions, peeling, thickened, bleached epidermis, depleted serous fats. See rescue report RSE1103. Died at approximately 0918 hrs on 30 Jan 2011. Green paint dorsum.

Tissue	
Organ	
Scar	
Bacteria	
Page 1&2	26 APR 12
NecrReport	26 APR 12
Lat/Long	26 APR 12

# Rescue Report

RSE1104

Resc / Rel  
2/15/11  
Watercraft

Entered  
3/15/11  
SS

## GENERAL:

Date of Rescue: 03 February 2011	Date of Initial Call: 01 February 2011	Filed by: FWC-KAG
Rescue ID#: RSE1104	Facility ID:MSTm1105	Other ID:
FWC Case: 927, 962	Officer Name: FWCLE	"Celebrity"
Sex: F	Length: 289 cm	Estimated:
PIT Tag Applied: No	PIT Tag Present:	#R #L
LOCATION:		
State: FL	City: Boynton Beach	County: Palm Beach
Latitude (Decimal Degrees): 26.540253		Waterway: Lake Worth Lagoon
Longitude (Decimal Degrees): -80.055282		
Locality Description: 706 Ocean Inlet Drive, in canal behind address		
Method of Capture: Boat set		

## REASON FOR RESCUE

X	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement: Right flipper

## Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface: Depth of Entanglement Penetration: cm
Comments:	

Gear Retained:
----------------

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury		X	
Gear Removal Process			
Gear Alone			
Scars		X	
Rescue Situation		X	

## HISTORY

Date	Narrative
1 February 2011	At 1101 hrs, FWC-JDC received a page regarding an injured manatee in Boynton Beach, Palm Beach County. Case number 927 was assigned. An FWCLE officer had reported seeing the manatee swimming in the Boynton Beach Inlet Boat Ramp. There were several wounds on the manatee's back, but they were reported to not be very deep. The manatee was floating high in the water and was rolling over slightly when it took a breath. The respirations were approximately every three minutes and the manatee was expelling a lot of gas. JDC told the officer that it could just be a gastrointestinal issue that may correct itself. The officer agreed to check on the animal in the morning.
2 February 2011	At 1115 hrs, JDC received another page on the manatee. Case number 962 was assigned. The officer advised that the manatee was still at the boat ramp. FWC-KSB and FWC-TRR responded to the scene to check on the manatee's condition. The manatee seemed to be more level in the water and was not rolling during respirations. It was decided to leave the animal and check again in the morning.
3 February 2011	At 1000 hrs, FWC-JDC and FWC Intern-KAG arrived on the scene to assess the manatee's condition. The wounds on the dorsal aspect were fresh and appeared to penetrate at least two inches. The manatee was listing to one side and was very lethargic. JDC decided that a rescue was needed. KSB and TRR arrived on scene at 1130 hrs. A land-set rescue was attempted in the boat basin, but was unsuccessful. The manatee moved out of the boat ramp area and into a nearby residential canal. The rescue boat was launched and the crew proceeded to the canal. The net was deployed across the canal and the manatee was guided into middle. The boat was used to close off the net and the manatee was successfully pulled onto the boat. The manatee was brought back to the boat



## Rescue Report

RSE1104

DATE	Narrative
3 February 2011	and loaded into the rescue truck. The manatee was transported to Miami Seaquarium, arriving at 1600 hrs.

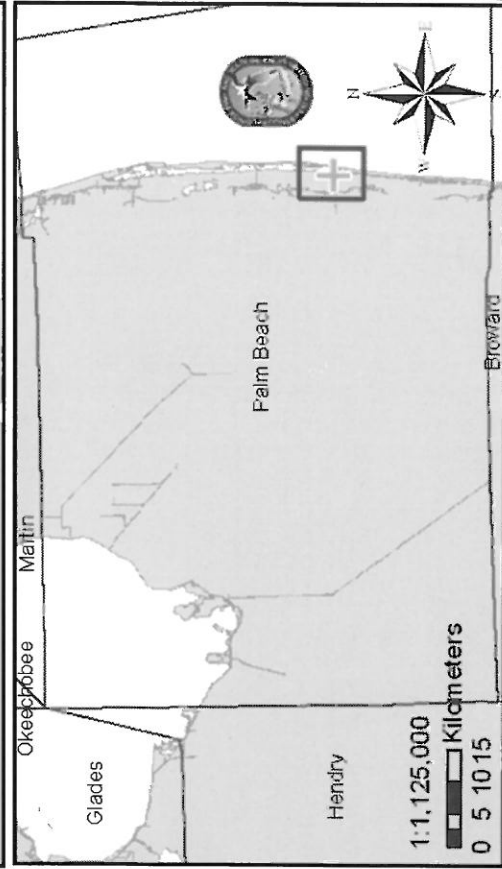
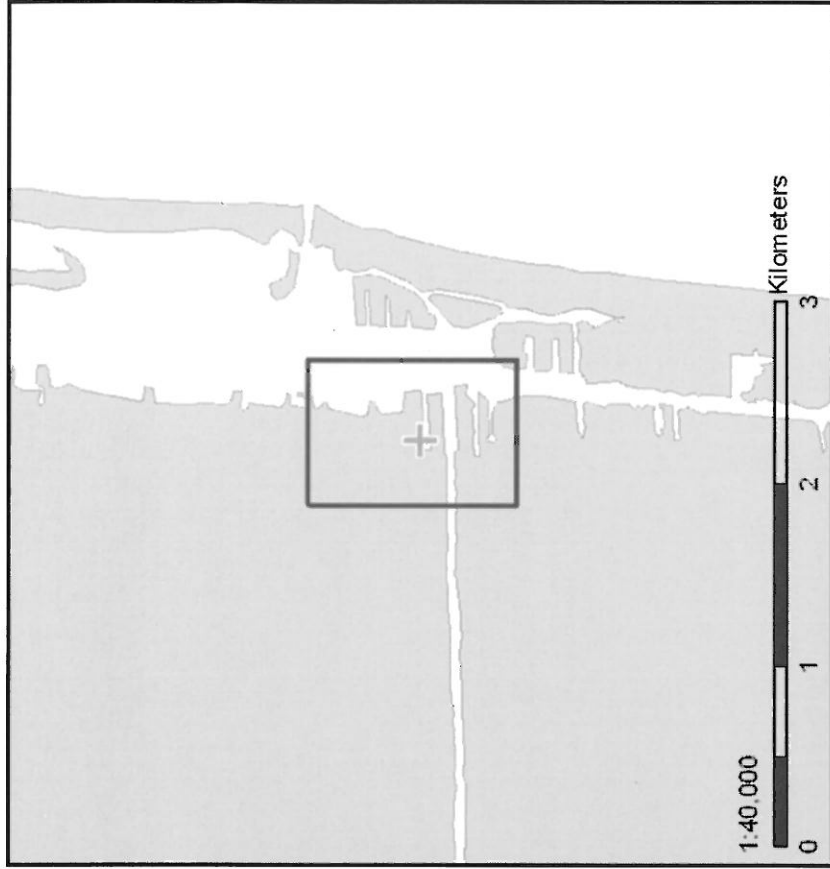
### PARTICIPANTS

FWC-JDC, KSB, TRR, Intern-KAG, Volunteer- Brendan Beard, FWCLE Officers, Boynton Beach Police, Palm Beach County Sheriffs

### PHOTOS



# Verified Location of Manatee Rescue RSE1104



FIELD ID	LATITUDE	LONGITUDE	REF MONTH	REF DAY	REF YEAR	RES DATE	RES BY	MAP BY
RSE1104	26.540263	-80.055282	2	2	2011	2/3/2011	JDC KSB KAG	KAG

## Incident Report Form

Field Station SEType of Incident: Manatee Cetacean Sea Turtle Other  
Code: S7 INJ TRP ENT ORPH RT RBS HRS TAG SIGHT INFODate to Field Station: 2 Feb 11 Time: 1115 Date of Initial Report: \_\_\_\_\_ Time: \_\_\_\_\_Contact: Palm Beach Case #: 962Means: ☐ Office ☒ Pager ☐ Nextel ☐ Other  
Work Status: ☐ On-Call ☒ On-Duty ☐ Off-DutyCounty: Palm Beach City: Boynton Beach Waterway: ICW

Reported by: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Description of Incident: \_\_\_\_\_ Size: ☐ Calf ☐ Juv ☐ Adult Condition, if dead: ☐ FR ☐ MD ☐ BDInj Im - listing, fresh cuts on backLocation where incident occurred: Boynton Beach Inlet Boat RampFWC Officer requested: Yes / No → FWC LE Assistance: ☐ Ofc not available ☐ Ofc sentResponders other than field lab used for verification: \_\_\_\_\_ Agency: FWCLE

Carcass Secured by: \_\_\_\_\_

Date/Time verified to field station: \_\_\_\_\_ Date/Time secured for field station: \_\_\_\_\_

Date/Time arrival to ramp/site: \_\_\_\_\_ Time loaded: \_\_\_\_\_ Iced overnight Yes No

Date/Time to field station: \_\_\_\_\_ Date/Time to MMPL: \_\_\_\_\_

Field necropsy conducted: ☐ Yes Date/Time completed \_\_\_\_\_ ☐ NoComments: Im was captured by boat in the canal ~ 1/4 m south  
of boat ramp - 26.5410253 - 80.055282  
behind address 706 Ocean Inlet Dr.Rescue Date - 3 Feb 2011 add'l comments on backField Lab Staff member/intern responded to the scene: ☒ Yes Initials: \_\_\_\_\_ ☐ No

## Outcome:

☐ No verification required ☐ No response available ☐ Mortality \_\_\_\_\_ ☒ Rescue RSE1104  
☐ Verified/No Further Action ☐ Unfounded ☐ Unable to Locate ☐ Harassment  
☐ Unsuccessful rescue attempt ☐ Mating Herd ☐ Sighting of Known Animal ☐ Red Tide  
☐ Info passed to: \_\_\_\_\_ ☐ Info Given ☐ KBS ☐ Other \_\_\_\_\_

Total time spent on incident: \_\_\_\_\_

Information received by: JDC



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

---

**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** John Cassady, Research Associate  
Fish & Wildlife Research Institute

**DATE:** 05 March 2011

**SUBJECT:** RSE1104

The attached rescue report includes:

- ☒ Narrative (MS Word)
- ☒ Digital Pictures (Jpeg)
- ☒ ArcView Map (Jpeg)
- ☐ Entanglement Data

RSE1104

**Manatee Information (MLog:1252 )**Animal ID: **MSTm1105** Sex: **F** Name: **Celebrity** Rearing: **Wild reared**

## -- Tag Information -----

**Tag Type:** Pit Tag Left **Date Applied:** 02/15/2011 **Tag ID** 0006F06B7C**Tag ID** 0006F06B7C**Information:****Event:** Release **Event Date** 02/15/2011

## -- Report Information -----

**Created By:** Jodi Linvill **Created Date:** 02/16/2011**Updated By:** D **Updated Date:** 02/16/2011

## -- Tag Information -----

**Tag Type:** Pit Tag Right **Date Applied:** 02/15/2011 **Tag ID** 0006F048EB**Tag ID** 0006F048EB**Information:****Event:** Release **Event Date** 02/15/2011

## -- Report Information -----

**Created By:** Jodi Linvill **Created Date:** 02/16/2011**Updated By:** D **Updated Date:** 02/16/2011

Entered  
PIT  
2/21/11  
DJS  
Captive - 3/15/11



**Manatee Information (MLog:1252 )**Animal ID:**MSTm1105** Sex:**F** Name:**Celebrity** Rearing:**Wild reared****-- Release Information -----****Release Date:** 02/15/2011**-- Release Location Information -----****Release Site:** Anchorage Park boat ramp**State:** FL **County:** Palm Beach **City:** North Palm Beach**Waterway:** Earman River**-- Measurement -----****Weight (kg):** 600 **Estimated Weight?:** Yes **Date Weighed:** 02/14/2011**Length (cm):** 240 **Estimated Length?:** No **Date Measured:** 02/14/2011**-- Other Release Information -----****Display Water Type:****Release Water Type:****How many months has animal been exposed to release water type?****Is animal bottom feeding?****Has animal been exposed to natural vegetation?****Vegetation Type:****How many months has animal been exposed to vegetation?****Tracker:****Veterinarian:** Maya Rodriguez**Organization:** Miami Seaquarium**Participating Org:****Additional Narrative:** Released with Nighingale (MSTm0902); weight estimated at 600kg at release; straight length - 289cm on 2/15/11; pit tagged at release site**-- Report Information -----****Created By:** Jodi Linvill **Created Date:** 02/16/2011**Updated By:** D **Updated Date:** 02/16/2011

Szemer, Donna

MSM1105  
RSE1104

**From:** mayadvn@msn.com  
**Sent:** Thursday, February 03, 2011 9:58 PM  
**To:** Garrett, Andy; art.yerian@dep.state.fl.us; bill.hughes@seaworld.com; boyd\_blihovde@fws.gov; cathy\_beck@usgs.gov; cbeck@usgs.gov; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; Jacob, Katalin; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; laura.eldredge@gmail.com; michael\_lusk@fws.gov; walshm@vetmed.ufl.edu; Mosier, Andrea; mrossbtl@aol.com; Nicole Adimey; pamela.sweeney@dep.state.fl.us; Quigley, Wendy; ray.ball@lowryparkzoo.com; rbonde@usgs.gov; Reinert, Tom; rrose@msq.cc; robert.wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; steven.lehr@seaworld.com; susan.lowe@dep.state.fl.us; Szemer, Donna; virginia.edmonds@lowryparkzoo.com; Ward, Leslie  
**Subject:** RE: Rescue Update

The Boynton Beach Manatee also had "Manatee Instant Growth Disease" but her cause is an actual baby growing in her abdomen :). On visual at least one rib appears fractured on the right side and does have bouyancy issues although has some control and can remain down for a small amount of time. Both lungs do not ultrasound completely normal and appears to have a small amount of air on the right side. Her blood cells do show a moderate amount of precursor cells (nucleated red cells and several bands) We gave her antibiotics and an anti-inflammatory (inflammation can make them go into premature contractions and it helps her pain as well) and she has drank some water tonight which dehydration can also make them go into premature contractions so that is good since she may have not eaten much since she was hit at least 3 days ago I think.

Maya

> From: Andy.Garrett@MyFWC.com  
> To: Andy.Garrett@MyFWC.com; Art.Yerian@dep.state.fl.us; 'Bill.Hughes@SeaWorld.com'; Boyd\_Blihovde@fws.gov; Cathy\_Beck@usgs.gov; cbeck@usgs.gov; curator@lowryparkzoo.com; Martine.deWit@MyFWC.com; Katherine.Frisch@MyFWC.com; Katalin.Jacob@MyFWC.com; jim\_reid@usgs.gov; jlinvill@msq.cc; jpowell@sea2shore.org; laura.eldredge@gmail.com; MayaDVM@msn.com; Michael\_Lusk@fws.gov; WalshM@vetmed.ufl.edu; Andrea.Mosier@MyFWC.com; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Pamela.Sweeney@dep.state.fl.us; Wendy.Quigley@MyFWC.com; Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Tom.Reinert@MyFWC.com; rrose@msq.cc; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Carli.Segelson@MyFWC.com; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Donna.Szemer@MyFWC.com; Virginia.Edmonds@LowryParkZoo.com; Leslie.Ward@MyFWC.com  
> Date: Thu, 3 Feb 2011 14:53:21 -0500  
> Subject: RE: Rescue Update  
>  
> Boynton Beach:  
>  
> The SEFL captured the watercraft injured manatee and it is currently being transferred to MSQ.  
>  
> -Andy  
>  
> -----Original Message-----  
> From: Garrett, Andy  
> Sent: Thursday, February 03, 2011 2:06 PM  
> To: Garrett, Andy; 'Art Yerian'; 'Bill.Hughes@SeaWorld.com'; 'Boyd\_Blihovde@fws.gov'; 'Cathy Beck'; 'cbeck@usgs.gov'; 'curator@lowryparkzoo.com'; deWit, Martine; Frisch, Katherine; Jacob, Katalin; 'jim\_reid@usgs.gov'; 'Jodi Linvill'; 'jpowell@sea2shore.org'; 'Laura Eldredge'; 'Maya'; 'Michael\_Lusk@fws.gov'; 'Mike Walsh'; Mosier, Andrea; 'mrossbtl@aol.com'; 'Nicole\_Adimey@fws.gov'; 'Pamela Sweeney'; Quigley, Wendy; 'Ray.Ball@LowryParkZoo.com'; 'rbonde@usgs.gov'; Reinert, Tom; 'Robert Rose'; 'Robert.Wagoner@seaworld.com'; 'sbutler@usgs.gov'; Segelson, Carli; 'Steven.Lehr@seaworld.com'; 'Susan.Lowe@dep.state.fl.us'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie  
> Subject: RE: Rescue Update  
>  
> Satellite Beach:  
>

> SWF and ECFL observe a manatee bottom resting in the canal off the Banana River where the ECFL had seen a cold stressed manatee yesterday. The bottom resting manatee was captured after the rescue team pulled a net across the canal. The captured manatee was healthy and not the cold stressed manatee that the ECFL had observed yesterday. The manatee was returned to the canal. There have been no more sightings of the cold stressed manatee from the previous day.

>  
>  
>  
> -----Original Message-----

> From: Garrett, Andy  
> Sent: Thursday, February 03, 2011 10:52 AM  
> To: Garrett, Andy; 'Art Yerian'; 'Bill.Hughes@SeaWorld.com'; 'Boyd\_Blihovde@fws.gov'; 'Cathy Beck'; 'cbeck@usgs.gov'; 'curator@lowryparkzoo.com'; deWit, Martine; Frisch, Katherine; Jacob, Katalin; 'jim\_reid@usgs.gov'; 'Jodi Linvill'; 'jpowell@sea2shore.org'; 'Laura Eldredge'; 'Maya'; 'Michael\_Lusk@fws.gov'; 'Mike Walsh'; Mosier, Andrea; 'mrossbtl@aol.com'; 'Nicole\_Adimey@fws.gov'; 'Pamela Sweeney'; Quigley, Wendy; 'Ray.Ball@LowryParkZoo.com'; 'rbonde@usgs.gov'; Reinert, Tom; 'Robert Rose'; 'Robert.Wagoner@seaworld.com'; 'sbutler@usgs.gov'; Segelson, Carli; 'Steven.Lehr@seaworld.com'; 'Susan.Lowe@dep.state.fl.us'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie  
> Subject: Rescue Update

>  
> Rescue Updates:

>  
> Satellite Beach (west side of Banana River):

>  
> The manatee has been found. A rescue team from SWF and FWC will attempt to rescue the manatee.

>  
> Cape Coral:

>  
> The manatee was found dead this morning. The carcass will be collected and taken to the pathlab.

>  
> Boynton Beach:

>  
> The SWFL has decided to rescue the large manatee with watercraft injuries. This is the third day the animal has been observed in the same area. The animal appears asymmetrical in the water.

>  
> Homosassa Springs:

>  
> I forgot to mention in the update this morning that a large manatee was observed entangled in crab trap gear last night in Halls River. The manatee has not been found this morning.

>  
> -Andy

>  
> -----Original Message-----

> From: Garrett, Andy  
> Sent: Thursday, February 03, 2011 9:02 AM  
> To: Art Yerian; 'Bill.Hughes@SeaWorld.com'; Boyd\_Blihovde@fws.gov; Cathy Beck; cbeck@usgs.gov; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; Jacob, Katalin; jim\_reid@usgs.gov; Jodi Linvill; jpowell@sea2shore.org; Laura Eldredge; Maya; Michael\_Lusk@fws.gov; Mike Walsh; Mosier, Andrea; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Pamela Sweeney; Quigley, Wendy; Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Reinert, Tom; Robert Rose; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Szemer, Donna; Virginia Edmonds; Ward, Leslie  
> Subject: Rescue Alert

>  
> Crystal River:

>  
> At the conclusion of the USGS health assessment captures yesterday, a monofilament entangled adult manatee was

reported in Three Sister's Spring. The manatee was reported to have a small calf and the pectoral entanglement was reported as severely imbedded. A rescue team comprised of staff from USGS, UF, USFWS, and the FWC successfully captured the mom and calf and removed them from the spring. Dr. Mike Walsh was able to remove some of the monofilament, but felt that the flipper required further treatment at a rehab facility. The mom and calf were transferred to Lowry Park by USFWS and FWC staff.

>

> Pending rescues:

>

> Satellite Beach (west side of Banana River):

>

> A severely cold stressed 7 ft manatee was verified late yesterday afternoon by FWC ECFL staff. The manatee has not been relocated this morning, but if found, the manatee will be rescued by FWC and SWF staff and taken to SWF.

>

> Cape Coral:

>

> A severely cold stressed 7 ft manatee was verified late yesterday afternoon by FWC SWFL staff. The manatee has been located this morning and staff are trying to verify that the animal is still alive. If alive, the manatee will be rescued by FWC and taken to Lowry Park Zoo.

>

> Boynton Beach:

>

> The FWC SEFL is monitoring a manatee with fresh propeller wounds on the dorsum. The animal had a slight list two days ago that appeared better yesterday. The SEFL will check on the manatee this morning and decide if a rescue is necessary. MSQ, I assume the SEFL has spoken with you about this manatee? Picture attached.

>

>

> -Andy

>

>



# Manatee rescued in Boynton Beach recovering, pregnant

MSTM  
RSE1102

Posted: 02/05/2011

- Erika Pesantes, Sun Sentinel

The injured manatee rescued in a Boynton Beach canal Thursday is pregnant, and veterinarians want to quickly nurse her back to health so she can give birth in the wild.

The 1,500-pound mammal is recuperating at Miami Seaquarium in Key Biscayne, in a critical care pool alongside four other manatees that included Peppermint, which was rescued in Boca Raton last month. advertisement

The Boynton Beach manatee is far along in her 13-month gestation period, between 9 and 11 months pregnant, said Dr. Maya Rodriguez, a critical-care manatee veterinarian treating her. An ultrasound taken at the Seaquarium, one of Florida's three manatee critical-care facilities, confirmed the pregnancy.

The manatee is a young adult about 10-15 years old and could be a first-time mom, Rodriguez said. If she's too close to term, the Seaquarium staff will make sure she has her calf in captivity. Having the company of other manatees could help the social creature's rehabilitation, she said.

"It's hard to tell how the baby made it through the trauma," said John Cassady, a Florida Fish and Wildlife Conservation Commission manatee biologist who led Thursday's rescue. "We're hopeful for her condition."

It took more than a dozen officers and biologists, with help from Boynton Beach police and Palm Beach County Sheriff's Office marine units, to save the manatee.

The manatee sustained two propeller gashes that appeared infected and were about a week old, authorities said. She also had scars from past injuries from a prior boating incident.

It was the boat's momentum that caused internal injuries, and the propeller blades that caused the gashes, Rodriguez said.

The 10-foot-long mammal has internal bleeding, inflammation, possibly an infection and a punctured lung. She is being treated with antibiotics and hasn't been eating the lettuce, sweet potatoes, apples and bananas inside her pool. But she has been drinking water.

Not eating for a few days is normal given the stress, Rodriguez said.

No tests have been run on the calf, but it is alive and could be battling the same infection as its mother, Rodriguez said.

"Normally, the calves are better protected than their mothers. The abdomen is pretty well protected," she said.

Still, veterinarians are monitoring the sea cow because the inflammation can cause premature contractions, Rodriguez said. The critical-care and pre-release pools at the Seaquarium are not open to the public and currently house a total of 13 recovering manatees.

According to FWC, manatee calves weigh around 66 pounds, are 4 feet long and remain with their mothers for up to 2 1/2 years. Manatees reach sexual maturity at 4-7 years-old.

FWC patrol units found the injured manatee in a quiet cove at Boynton Beach's Boat Club Park, just off the Intracoastal, showing signs of distress such as elevated respiratory rates and a list to one side. Her buoyancy has since improved while at the Seaquarium.





FWC biologists and Miami Seaquarium vets are debating what to name the manatee mom-to-be and are showing a preference for "Celebrity" or "Celeboyti" — to recognize the place she was found.

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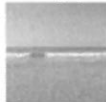
Just Gotta Dive

Pregnant Manatee rescued in Boynton Beach after being injured by a boat propeller. Wishing her a speedy recovery. <http://fb.me/BUySrV7Q>

User ID:<http://twitter.com/JustGottaDive>

2 Days Ago

· Reply



Respect Our Seas

RT @DianeN56: Manatee rescued in Boynton Beach recovering, pregnant: <http://bit.ly/gVbhL7>

User ID:<http://twitter.com/RespectOurSeas>

3 Days Ago

· Reply



Diane Neff

Manatee rescued in Boynton Beach recovering, pregnant: <http://bit.ly/gVbhL7>

User ID:<http://twitter.com/DianeN56>

3 Days Ago

· Reply



WPBToday

Rescued manatee is pregnant: The 1,500-pound mammal is recuperating at Miami Seaquarium in

Key Biscayne. <http://bit.ly/earSZi>

User ID:<http://twitter.com/wpbtoday>

3 Days Ago

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MSTM11  
RSE1102

## Local News

# Pregnant manatee recovering at Seaquarium



Posted: 02/04/11 at 5:55 pm EST

VIRGINIA KEY, Fla. (WSVN) -- A pregnant manatee is receiving critical care after being severely injured by a boater.

The sea cow was struck by a boat in the waters off Boynton Beach on Tuesday. Rescuers then brought the manatee to Miami Seaquarium where veterinarians are nursing her back to health. Dr. Maya Rodriguez of the Miami Seaquarium said, "Our goal is to expedite the treatment and have her back out as soon as possible."

A propeller sliced the nine-foot, 1,000-pound manatee, who suffered fractured ribs and a ruptured lung as a result of the incident. "Her buoyancy was a little bit off. She was acting strange," Marine Biologist John Cassady of the FWC said. "Her breathing was rapid, not as deep as a good breath should be."

The injured manatee was not eating either, which could have put her unborn calf in serious danger. "She could have gone into a septic infection, she could have dehydrated, gone into premature labor," said Rodriguez.

Employees at the Seaquarium helped move the wounded manatee into a new recovery pool so the sea cow could get ready to deliver her calf. "Because she does have a lot of trauma, a lot of inflammation, as some human moms know, anything like that can cause a premature labor, so she can be early," Rodriguez said.

2/9/2011

WSVN-TV - Pregnant manatee recoveri...

The manatee still has deep cuts on her back, but according to veterinarians, she is doing OK. An ultrasound showed that the sea cow's calf is in good health as well. Rodriguez said, "Right now, she's resting comfortably."

The manatee will remain at Miami Seaquarium for the next few weeks. When she fully recovers, she will be returned to the wild.

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WSVN: Hurt pregnant sea cow recovers <http://www.wsvn.com/news/articles/local/21003455661028/>

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## Injured manatee rescued in Boynton Beach is pregnant

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By ELIOT KLEINBERG

Palm Beach Post Staff Writer

Updated: 4:51 p.m. Friday, Feb. 4, 2011

Posted: 2:12 p.m. Friday, Feb. 4, 2011

MSTM1105  
RSE1102

An injured manatee rescued Thursday in the Intracoastal Waterway is pregnant.

Staff at the Miami Seaquarium, where the manatee was taken for treatment, discovered the pregnancy during a medical examination.

A Florida Fish and Wildlife Conservation Commission team captured the manatee in a side canal about a quarter mile south of the cove at the city's Boat Club Park.

The animal was in obvious distress. Two long gashes on her body were nearly an inch deep.

Fish and Wildlife officials believe she was injured by a boat propeller.

The precarious nature of Florida's manatee population, and the high threat from boaters, is well documented. Last week, the commission reported it had counted 4,840 animals statewide, which actually is up from last year.

The agency credited warmer January weather this year, compared to the catastrophic freezes of January 2010, which killed many manatees.

Find this article at:

<http://www.palmbeachpost.com/news/injured-manatee-rescued-in-boynton-beach-is-pregnant-1233454.html>

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- SATURDAY CLASSES IN PALM BEACH

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## Injured manatee rescued in Boynton Beach waterway has a 'good chance' of survival

By ELIOT KLEINBERG

Palm Beach Post Staff Writer

Updated: 9:14 p.m. Thursday, Feb. 3, 2011

Posted: 1:57 p.m. Thursday, Feb. 3, 2011

Like cowboys herding cats, state wildlife workers struggled this morning to steer an injured manatee to shore so they could get it medical help.

About 2 p.m., Florida Fish and Wildlife Conservation Commission divers captured the animal in the Intracoastal Waterway and loaded it on a rescue boat.

They then drove it to the Miami Seaquarium, where it will get rest, antibiotics, food and liquids, and X-rays and ultrasound.

The team spotted the female, estimated at a half ton, in a side canal about a quarter mile south of the cove at the city's Boat Club Park, where it had first been seen.

They wrapped it in a giant swath of green netting, then spent several minutes wrestling it onto the boat before bringing it in.

"She was a fighter," John Cassady, who runs the commission's manatee team, said back at shore.

Close up and out of the water, gashes on the animal were heartbreaking. The two longest ones were some 2 feet long and nearly an inch deep, exposing white, raw flesh.

Cassady directed workers to kneel right in front of its snout and, as soon as it exhaled, shoot a burst of oxygen to calm it down.

"She's stressed out right now," Cassady said.

The manatee's weight was more of an issue out of water, as grunting workers rolled it onto a blue tarp.

"One, two, three, go!" Cassady shouted several times, and eventually animal was in the truck.

"She's got a good chance," Cassady said. "She's got a real good chance."

Workers from the commission's Tequesta field station had spotted the 8-foot-long animal Tuesday in the cove; like any injured animal, it had sought shelter.

They alerted Boynton Beach police officer Darin Hederian, part of a team that patrols for boaters speeding in manatee zones, and asked that he and colleagues watch to see if the manatee returned to the cove today.

About 8 a.m., as Hederian launched for the day, he spotted the animal.

The animal - which officials said definitely was an adult but which could be anywhere from 9 to 40 years old --- bore on its back older scars, perhaps from a previous collision.

But mostly there were the two large white slashes, spaced evenly apart, almost like grill marks.

Cassady guessed they were at most a week old, possibly from an outboard prop but more likely from the skegs --- steering projections --- of someone's twin outboards.

MSTM11  
RSE1102



Every few minutes, the animal slowly would rise and the very tip of its brown and whiskered nose would slip out the water for an inhalation.

Cassady said that was happening at more frequent intervals than normal, suggesting breathing problems. The animal also appeared to have a slight list, even more indicative of internal injuries.

Cassady said it's possible the boater who hit it never knew, but he doubted it.

"You never know. It's a big animal," he said, standing in street clothes and a straw hat that he later shed in favor of a wet suit. "They probably knew they hit something."

The precarious nature of Florida's manatee population, and the high threat from boaters, is well documented. Last week, the commission reported it had counted 4,840 animals statewide, which actually is up from last year.

The agency credited warmer January weather in 2011, compared to the catastrophic freezes of January 2010, which killed many manatees.

This was the first rescue for the commission's Tequesta office since early January, when an animal seeking warm water made its way up a canal and inland all the way to Florida Atlantic University.

For the season, which runs from mid-November to the end of March, Boynton officer Heredia said, tickets are up; whether there more speeders or officers are catching more, he can't say.

Staff photographer Lannis Waters contributed to this story.

eliot\_kleinberg@pbpost.com

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**Find this article at:**

<http://www.palmbeachpost.com/news/injured-manatee-rescued-in-boynton-beach-waterway-has-1231027.html>

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## Szemer, Donna

---

**From:** Cassady, John  
**Sent:** Monday, April 18, 2011 5:10 PM  
**To:** Szemer, Donna  
**Subject:** RE: Celebrity-MSTM1105

The measurements that I have from MSQ at the release and the measurement on our rescue report are both 289cm. She was a big girl, so 240 is definitely not correct.

-John

-----Original Message-----

**From:** Szemer, Donna  
**Sent:** Monday, April 18, 2011 10:25 AM  
**To:** Cassady, John  
**Subject:** Celebrity-MSTM1105

John-

Were you by chance at the release of Celebrity on 2/15/11 in the Earman River?

Do you happen to have the release length? There are two different recordings in the web database (i.e. 240cm on 2/14/11 and 289cm on 2/15/11) both listed as not estimated.

I have sent an e-mail to Jodi, but haven't heard back yet. I thought I'd try you in the mean time. If you don't have it, I'll send another to Jodi and/or Dr. Maya.

Thanks,  
Donna

# Rescue Report

RSE1105

## GENERAL:

Date of Rescue: 05 February 2011	Date of Initial Call: 05 February 2011	Filed by: FWC-KAG
Rescue ID#: RSE1105	Facility ID: MSTm1106	Other ID: Pachyderm
FWC Case: 1052	Officer Name:	"Pachyderm"
Sex: F	Length: 240 cm	Estimated:
PIT Tag Applied: No	PIT Tag Present:	#R #L
LOCATION:		
State: FL	City: Ft. Pierce	County: St. Lucie
Latitude (Decimal Degrees): 27.450818		Waterway: Indian River
Longitude (Decimal Degrees): -80.324848		
Locality Description: 101 Avenue A, canal behind address		
Method of Capture: Stretcher		

## REASON FOR RESCUE

X	Watercraft (Poss. Secondary)
	Entanglement
	Entrapment
	Orphan
X	Cold Stress (Primary)
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement:

## Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface: Depth of Entanglement Penetration: cm
Comments:	

## Rescue Report

RSE1105

Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

### HISTORY

Date	Narrative
5 February 2011	At 1020 hrs, FWC-JDC received a call from Jordan at the Manatee Observation Center (772-466-1600), located in St. Lucie County, Fort Pierce, at 480 N. Indian River Dr., concerning an injured manatee. The manatee had been in the canal for three days and had been breathing very shallow. JDC responded to the scene at 1200 hrs. The manatee was exhibiting signs of severe cold stress and emaciation, and was having difficulties lifting its head. A rescue was planned for that afternoon. JDC met FWC-TRR at the Tequesta Field Station and loaded the rescue boat and rescue truck. JDC, TRR, and FWC- ALH met FWCLE and Palm Beach County ERM- Alessandra Medri at the Manatee Observation Center. JDC, TRR, and ALH entered the canal and guided the manatee into the rescue stretcher. The manatee was lifted out of the canal using the EZ-lift and loaded into the rescue truck. JDC, TRR, and Volunteer- Libby Reinert transported the manatee to Miami Seaquarium by 1900 hrs.

### PARTICIPANTS

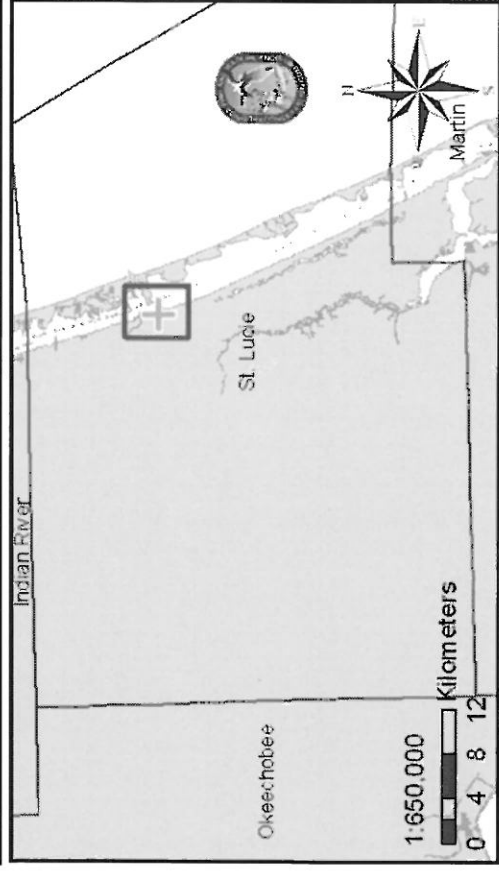
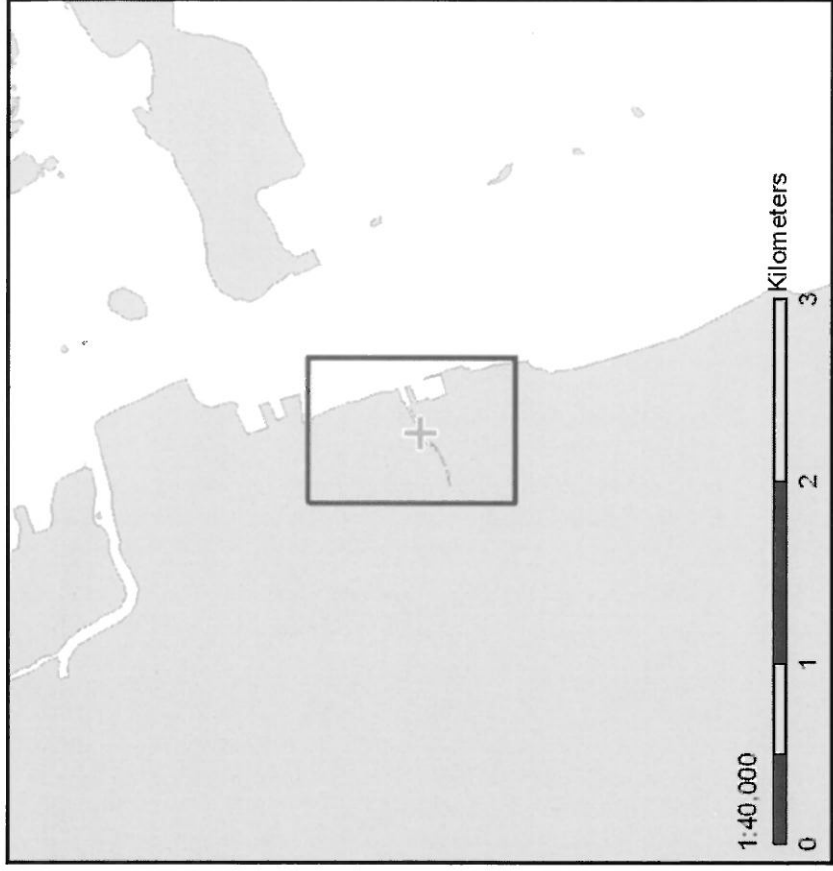
FWC-JDC, TRR, ALH, Alessandra Medri, Libby Reinert, FWCLE, Marine Observation Center-Jordan

PHOTOS





# Verified Location of Manatee Rescue RSE1105



FIELDID	LATITUDE	LONGITUDE	REP MONTH	REP DAY	REP YEAR	RES DATE	RES BY	MAP BY
RSE1105	27.450818	-80.324855	2	5	2011	2/5/2011	JDC	KAG



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

---

**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** John Cassady, Research Associate  
Fish & Wildlife Research Institute

**DATE:** 3 March 2011  
**SUBJECT:** RSE1105

The attached rescue report includes:

- ☒ Narrative (MS Word)
- ☒ Digital Pictures (Jpeg)
- ☒ ArcView Map (Jpeg)
- ☐ Entanglement Data

## Incident Report Form

Field Station

SE

Type of Incident: Manatee Cetacean Sea Turtle Other  
 Code: S7 (INJ) TRP ENT ORPH RT RBS HRS TAG SIGHT INFO

Date to Field Station: 5 Feb 2011 Time: 1020 Date of Initial Report: \_\_\_\_\_ Time: \_\_\_\_\_

Contact: Palm Beach Case #: 1052

Means: ☐ Office ☒ Pager ☐ Nextel ☐ Other  
 Work Status: ☐ On-Call ☒ On-Duty ☐ Off-Duty

County: St. Lucie City: Ft. Pierce Waterway: Indian River

Reported by: Manatee Observation Center - Jordan

Address: 480 N. Indian River Dr

Phone: 772-466-1600 ext. 3333

Description of Incident: Size: ☐ Calf ☐ Juv ☐ Adult Condition, if dead: ☐ FR ☐ MD ☐ BD

Im floating at surface - breaths very shallow  
been in canal for 3 days

Location where incident occurred: \_\_\_\_\_

FWC Officer requested: Yes / No → FWC LE Assistance: ☐ Ofc not available ☐ Ofc sent

Responders other than field lab used for verification: \_\_\_\_\_ Agency: FWCLE

Carcass Secured by: \_\_\_\_\_

Date/Time verified to field station: \_\_\_\_\_ Date/Time secured for field station: \_\_\_\_\_

Date/Time arrival to ramp/site: \_\_\_\_\_ Time loaded: \_\_\_\_\_ Iced overnight Yes No

Date/Time to field station: \_\_\_\_\_ Date/Time to MMPL: \_\_\_\_\_

Field necropsy conducted: ☐ Yes Date/Time completed \_\_\_\_\_ ☐ No

Comments: Im was guided into a stretcher and lifted out of  
the canal with the Ezy-Lift.

27.450818, -80.324848

add'tl comments on back

Field Lab Staff member/intern responded to the scene: ☒ Yes Initials: \_\_\_\_\_ ☐ No

## Outcome:

☐ No verification required ☐ No response available ☐ Mortality \_\_\_\_\_ ☒ Rescue RSE1105  
☐ Verified/No Further Action ☐ Unfounded ☐ Unable to Locate ☐ Harassment  
☐ Unsuccessful rescue attempt ☐ Mating Herd ☐ Sighting of Known Animal ☐ Red Tide  
☐ Info passed to: \_\_\_\_\_ ☐ Info Given ☐ KBS ☐ Other \_\_\_\_\_

Total time spent on incident: \_\_\_\_\_

Information received by: SDC

Szemer, Donna

MSTM1106  
RSE1105

**From:** mayadvn@msn.com  
**Sent:** Monday, February 07, 2011 11:56 AM  
**To:** Garrett, Andy; Art Yerian; 'Bill.Hughes@SeaWorld.com'; Boyd\_Blihovde@fws.gov; Cathy Beck; cbeck@usgs.gov; Craig Miller; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; Jacob, Katalin; jim\_reid@usgs.gov; Jodi Linvill; jpowell@sea2shore.org; Laura Eldredge; Michael\_Lusk@fws.gov; Mike Walsh; Mosier, Andrea; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Pamela Sweeney; Quigley, Wendy; Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Reinert, Tom; Robert; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Szemer, Donna  
**Subject:** Re: Update

The manatee from Ft. Pierce on infrared did not have any appreciable heat as they do with a watercraft strike so our working diagnosis is cold stress with the edema on the pecs and stiff neck. It is nibbling on lettuce and drinking water today after intense treatment this weekend .

Maya

-----Original Message-----

**From:** Garrett, Andy  
**To:** Art Yerian  
**To:** 'Bill.Hughes@SeaWorld.com'  
**To:** Boyd\_Blihovde@fws.gov  
**To:** Cathy Beck  
**To:** cbeck@usgs.gov  
**To:** Craig Miller  
**To:** curator@lowryparkzoo.com  
**To:** deWit, Martine  
**To:** Frisch, Katherine  
**To:** Jacob, Katalin  
**To:** jim\_reid@usgs.gov  
**To:** Jodi Linvill  
**To:** jpowell@sea2shore.org  
**To:** Laura Eldredge  
**To:** Maya  
**To:** Michael\_Lusk@fws.gov  
**To:** Mike Walsh  
**To:** Mosier, Andrea  
**To:** mrossbtl@aol.com  
**To:** Nicole\_Adimey@fws.gov  
**To:** Pamela Sweeney  
**To:** Quigley, Wendy  
**To:** Ray.Ball@LowryParkZoo.com  
**To:** rbonde@usgs.gov  
**To:** Reinert, Tom  
**To:** Robert  
**To:** Robert.Wagoner@seaworld.com  
**To:** sbutler@usgs.gov  
**To:** Segelson, Carli  
**To:** 'Steven.Lehr@seaworld.com'  
**To:** Susan.Lowe@dep.state.fl.us  
**To:** Szemer, Donna  
**Subject:** Update  
**Sent:** Feb 7, 2011 8:28 AM

Desoto Canal:

On Friday, the FWC ECFL rescued the severely cold stressed manatee that was reported on Wednesday evening. The animal was transported to SWF, but died shortly after arrival.

Fort Pierce:

A large adult manatee with buoyancy issues was reported on Saturday near the old power plant in Fort Pierce. The manatee was reported to have its caudal end and head continuously out of the water with very little movement. The manatee was captured and taken to MSQ for treatment.

-Andy

Sent via BlackBerry by AT&T



**Manatee Information (MLog:1253 )**

Animal ID: **MSTm1106** Sex: **F** Name: **Pachyderm** Rearing: **Wild reared**
**-- Rescue Information**
**Rescue Date:** 02/05/2011 **Rescue Per Day:** 1

**Rescue Type:** Brought into captivity

**Primary Cause:** Natural Cold Stress
**Primary Cause Text:**
**Secondary Cause:** Watercraft Impact

**Secondary Cause Text:**
**Health Status:** Critical

**Suspected Pregnant:** No information on potential pregnancy is known

**-- Rescue Location Information**
**State:** FL **County:** St. Lucie **City:** Ft. Pierce

**Waterway:** Indian River

**Latitude:** 27.450818 **Longitude:** -80.324848

**Relocated, where?:**
**Did animal die during rescue or transport?:** No

**-- Measurement**
**Weight (kg):** 249 **Estimated Weight?:** Yes **Date Weighed:** 02/02/2011

**Length (cm):** 240 **Estimated Length?:** No **Date Measured:** 02/02/2011

**-- Other Rescue Information**
**Tracker:** **Transporter:** FWC Tequesta Field Station

**Facility transported to:** Miami Seaquarium

**Veterinarian:** Maya Rodriguez **Organization:** Miami Seaquarium

**Participating Org:** Manatee Observation Center - Jordan; 480 N. Indian River Dr.; 772-466-1600 ext 3333

**Flood Gate:** **Pot Status:**
**Additional Narrative:** Manatee in canal for 3 days - floating high, listing, breaths are very shallow

**-- Report Information**
**Created By:** Jodi Linvill **Created Date:** 02/14/2011

**Updated By:** D **Updated Date:** 02/14/2011

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**BREAKING NEWS:** Statewide alert issued for missing Atlantic High student; girl, 17, texted she was locked in trunk

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## Manatee released to waters at John D. MacArthur Beach State Park after year of rehab in Miami

### LATEST LOCAL NEWS »

Blue marlin released off Boynton Beach: Novice angler catches 11-foot fish after two-hour fight Updated 12:00 p.m.

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Statewide alert issued for missing Atlantic High student; girl, 17, texted she was locked in trunk Updated 12:25 p.m.

3-day hazmat drill begins at Port of Palm Beach to prepare for potential terrorist attack Updated 10:09 a.m.

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Hurricane Center tweaks 2011 box score

Flashback (Historic Palm Beach) »  
This week in History: First Presbyterian Church founded in West Palm Beach

By SONJA ISGER

Palm Beach Post Staff Writer

Posted: 6:41 a.m. Wednesday, Feb. 8, 2012

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A manatee that was rescued last February and spent the year recovering from cold stress at the Miami Seaquarium is headed back to the wild this morning in Palm Beach County, state wildlife officials said.

The grown male manatee will be released sometime between 9:15 a.m. and 10 a.m. at the John D. MacArthur Beach State Park kayak launch just south of the main park entrance on A1A, according to the Florida Fish and Wildlife Conservation Commission.

The manatee was rescued Feb. 5, 2011. Staff from the FWC's research arm, the Fish and Wildlife Research Institute, as well as those from the Seaquarium and MacArthur park will be on hand for the manatee's return to the wild.

MacArthur Beach State Park is at 10900 Jack Nicklaus Drive, North Palm Beach.

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### COMMENTS

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**Manatee Information (MLog:1253 )**Animal ID: **MSTm1106** Sex: **F** Name: **Pachyderm** Rearing: **Wild reared**

## -- Tag Information -----

**Tag Type:** Pit Tag Left    **Date Applied:** 01/12/2012    **Tag ID** 0006F0F222**Tag ID** 0006F0F222**Information:** When scanned the left side was not working; unsure if tag actually made it into animal or did not work.**Event:** Release    **Event Date** 02/08/2012

## -- Report Information -----

**Created By:** Jodi Tuzinski    **Created Date:** 02/09/2012**Updated By:** Nicole Adimey    **Updated Date:** 02/15/2012

## -- Tag Information -----

**Tag Type:** Pit Tag Right    **Date Applied:** 01/12/2012    **Tag ID** 0006F023B7**Tag ID** 0006F023B7**Information:****Event:** Release    **Event Date** 02/08/2012

## -- Report Information -----

**Created By:** Jodi Tuzinski    **Created Date:** 02/09/2012**Updated By:** D    **Updated Date:** 02/09/2012

Entered  
3/8/12  
DJS  
Captured +  
PIT



# Rescue Report

RSE1106

## GENERAL:

Date of Rescue: 14 February 2011 Date of Initial Call: 13 February 2011 Filed by: FWC-KAG, KSB  
Rescue ID#: RSE1106 Facility ID: Other ID: MSE1136  
FWC Case: 1324 Officer Name: FWCLE Randy Irwin  
Sex: M Length: 292 cm Estimated: *422kg*  
PIT Tag Applied: PIT Tag Present: No #R #L  
LOCATION:  
State: FL City: Ft. Pierce County: St. Lucie Waterway: Indian River  
Latitude (Decimal Degrees): 27.470873 Longitude (Decimal Degrees): -80.328369  
Locality Description: Beached on bank, west side of Indian River, north of N Beach Causeway Dr. Bridge  
Method of Capture: Stretcher

## REASON FOR RESCUE

X	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement:

### Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface: Depth of Entanglement Penetration: cm
Comments:	

# Rescue Report

RSE1106

Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury		X	
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

## HISTORY

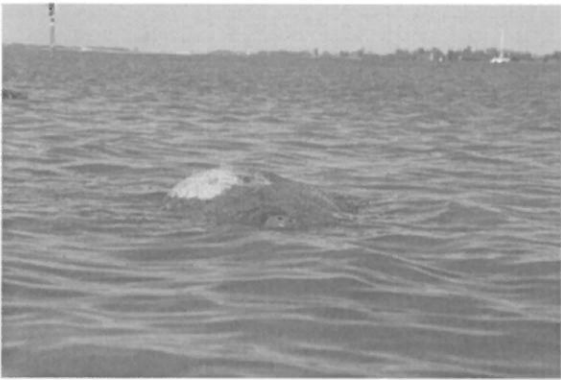
Date	Narrative
13 February 2011,	At 2254 hrs, FWC-JDC received an after-hours page from FWC SO Dispatch-Palm Beach regarding an injured manatee in Ft. Pierce, St. Lucie County. The complainant, Thomas (772-626-2324), reported that the manatee was beached on the west side of the Indian River. FWC case number 1324 was assigned. Because of the time, JDC requested an officer to check the area the following morning.
14 February 2011,	At 0940 hrs, FWCLE Ofc. Randy Irwin responded to the scene and located the beached manatee. FWC-JDC, KSB, and KAG arrived on the scene by 1100 hrs. The manatee was beached at low tide near rocks along the seawall. It was decided that the rescue would be attempted by securing the manatee in a stretcher to the side of Ofc Irwin's boat. The manatee was transported at idle speed to the nearest boat ramp, approximately 1000 feet east. The manatee was loaded into the rescue truck by 1420 hrs. At 1430 hrs, the manatee died in the back of the truck. The carcass was transported to the Tequesta Field Station and loaded into the carcass trailer at 1630 hrs, while KSB picked up carcass MSE1137 in Miami. KSB returned to the Tequesta Field Station with MSE1137, which was then loaded into the carcass trailer. KSB transported MSE1136 and MSE1137 to MMPL.
15 February 2011,	At 0200 hrs, KSB arrived at MMPL with MSE1136 and MSE1137. The ambient temperature was equal to the cold-room temperature, so KSB parked the trailer near the loading zone. At 0830 hrs, MMPL unloaded MSE1136 and MSE1137 to the necropsy area.



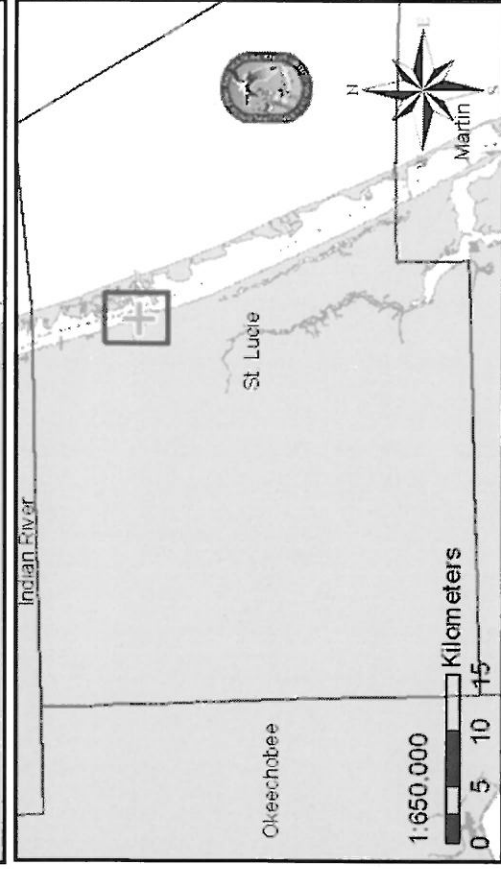
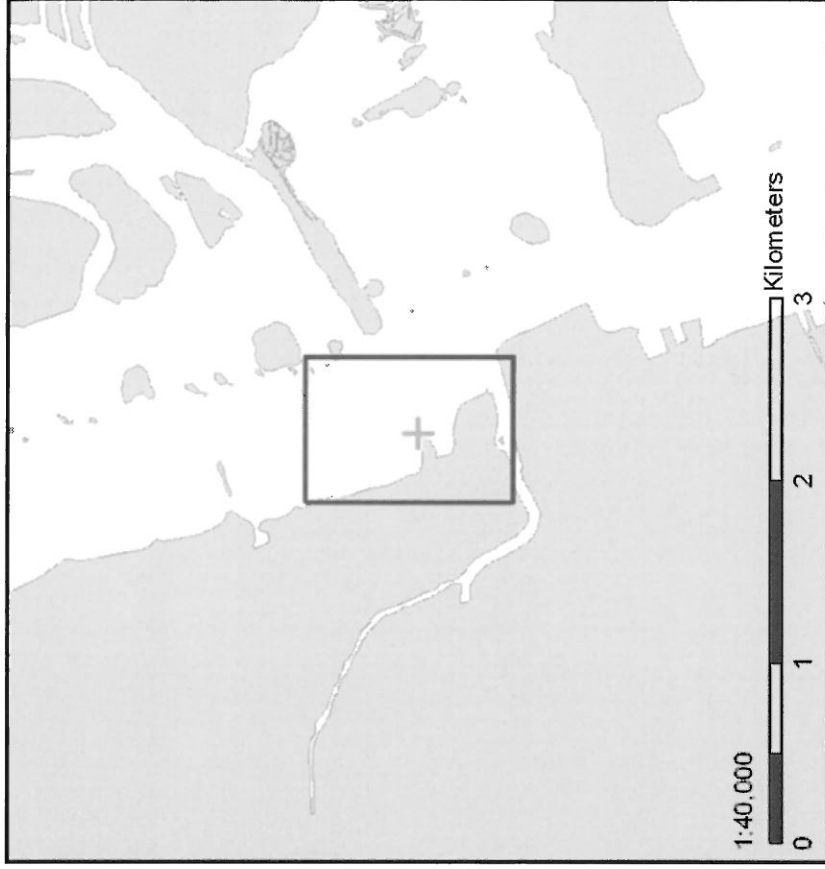
**PARTICIPANTS**

FWC- JDC, KSB, KAG, FWCLE Ofc. Randy Irwin

**PHOTOS**



# Verified Location of Manatee Rescue RSE1106



FIELD ID	LATITUDE	LONGITUDE	REPMONTH	REPDAY	REPYEAR	RESDATE	RESBY	MAPBY
RSE1106	27.470873	-80.328369	2	13	2011	2/14/2011	JDC KSB KAG	KAG



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

---

**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**FROM:** John Cassady, Research Associate  
Fish & Wildlife Research Institute

**DATE:** 02 March 2011

**SUBJECT:** RSE1106

The attached rescue report includes:

- ☒ Narrative (MS Word)
- ☒ Digital Pictures (Jpeg)
- ☒ ArcView Map (Jpeg)
- ☐ Entanglement Data

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID # MSE1136  
Date of Report: 2011-Feb-14  
Filed By: FWC MMPL

FWC Case # 1324 FWC Region: SO

Sex: Male Length: 292.0 cm Weight: 422.0 kg

DATE REPORTED: 2011-Feb-14 By: Citizen to FWC SO Dispatch  
DATE COLLECTED: 2011-Feb-14 By: FWC-JDC,KSB,KAG  
DATE NECROPSIED: 2011-Feb-15 By: MMPL-MdW,BLB,KJR,ARH,MSF

LOCATION: State: FL Latitude: 27.470899 N  
County: St. Lucie Longitude: -80.328367 W  
Waterway: Indian River

Locality description: Ft. Pierce, beached at the W end of the 1A N Beach Causeway Dr  
bridge, approximatley 25 m N of the bridge.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

Explain:

Chronic. Asymmetric; emaciated; serous fats; hemothorax; pleuritis; calcified hemidiaphragm, lung, parietal  
pleura; dry, hard feces; mucus airways; congestion; enlarged lymph nodes; dark line kidneys; consolidated lung.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Internal

MATERIALS COLLECTED:

genetics, earbone, ELISA toxicology samples, archive toxicology samples, histology, feces for Janet  
Lanyon.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

REMARKS:

PIT tag scan positive (Left 00-0601-3BB7). See rescue report RSE1106. Known as RNE0306, tidally stranded on  
01 July 2003. Died during transport at 1430 hrs.

Page 1&2	21 AUG 2012
Necropsy Report	21 AUG 2012
Lat/Long	31 AUG 2012

# Rescue Report

RSE1113

Asst. & Rel

Entered  
9/7/11  
DSS

Natural  
Relocation

## GENERAL:

Date of Rescue: 12 August 2011	Date of Initial Call: N/A	Filed by: FWC-KAG
Rescue ID#: RSE1113	Facility ID: SWFTm9539B/SWFTm1118B	Other ID: "Holly"
FWC Case: N/A	Officer Name: N/A	
Sex: F	Length: 328 cm	Estimated:
PIT Tag Applied: No	PIT Tag Present: Yes	#R
		#L
LOCATION:		
State: FL	City: North Palm Beach	County: Palm Beach
		Waterway: Earman River
Latitude (Decimal Degrees): 26.816374		Longitude (Decimal Degrees): -80.078512
Locality Description: Earmin River east of spillway		
Method of Capture: Boat/Land set		

## REASON FOR RESCUE

	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
X	Other: (Specify): Long-term captive tm in need of relocation for more ample food source

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement: Tail

## Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface:    Depth of Entanglement Penetration: cm
Comments:	



Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation			

## HISTORY

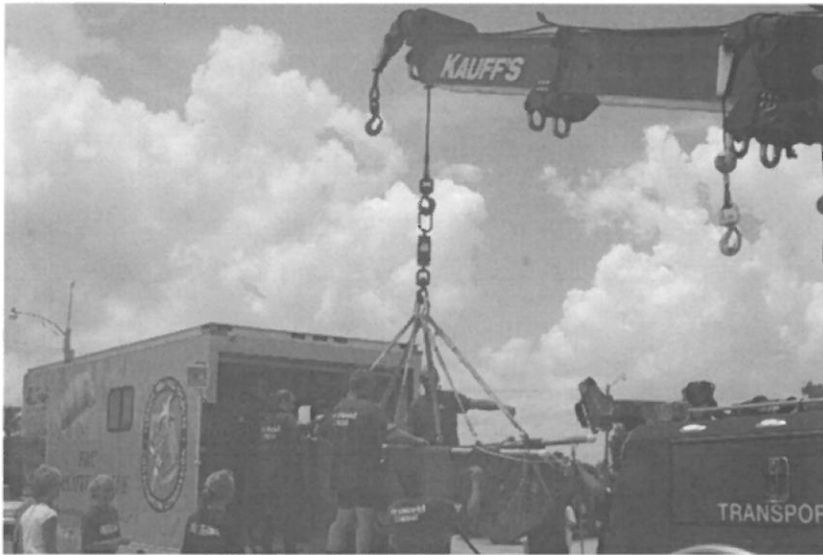
Date	Narrative
9 February 2011	Long-term captive manatee, "Holly", was released by Seaworld and FWC at Anchorage Park into the Earman River. Holly was tracked with an ARGOS GPS tag by Sea 2 Shore to monitor her behavior following her release. Holly immediately headed to the western-most point in the Earman Canal and remained in that location until her rescue in August. She was eating very little, having access only to floating vegetation and mangroves. Feeding stations were placed in the Earman Canal to encourage her to eat but it was uncertain that she was eating from these stations, if at all. It was decided that she would be rescued and re-released near Munyun Island, where she would have access to a more plentiful food source.
12 August 2011	At 1100 hrs, FWC-TRR, JDC, KAG, KAW, Intern-LES met Seaworld staff, Miami Seaquarium staff, and Sea 2 Shore staff at Anchorage Park, North Palm Beach, Palm Beach County. FWCLE transported FWC and Seaquarium staff to rescue location. SeaWorld carried out the rescue in their rescue boat. At 1330 hrs, after several failed boat-sets, SeaWorld was able to contain Holly in the net along the shore with three other manatees. The three non-target manatees were rolled out of the net along the shoreline. Holly was tranquilized by Dr. Maya on the shoreline and loaded into the back of the SeaWorld boat. She was quickly transported to the Anchorage Park Boat Ramp and loaded into the FWC rescue truck with the aid of KAUFF's crane. At 1430 hrs, Holly arrived at Munyun Island. Due to the low tide conditions it was decided to release her at the bridge. At 1600 hrs, she was lowered into the water by KAUFF's crane off of the A1A bridge on Singer Island.

## PARTICIPANTS

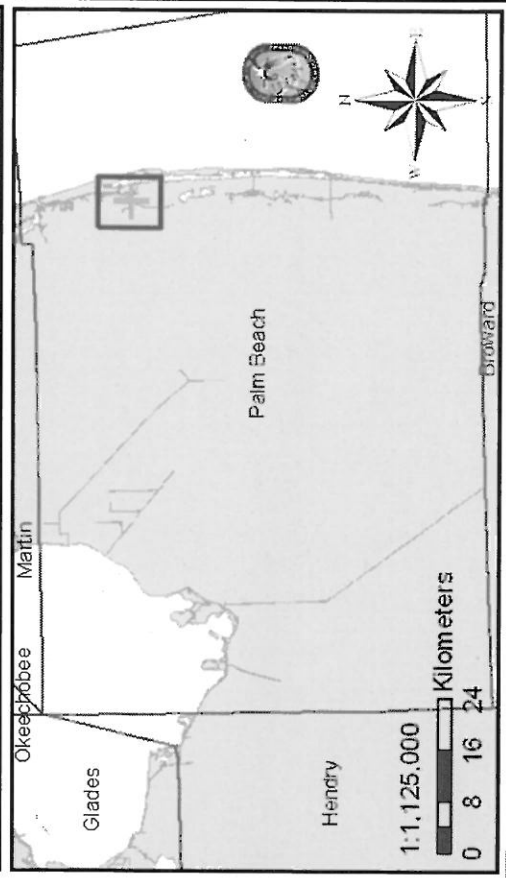
FWC- TRR, JDC, KAG, KAW, Intern- LES, SeaWorld, Miami Seaquarium, FWCLE Ofc. Pride and additional officers, Sea to Shore Alliance- Brendan Beard, Melody Fischer

## PHOTOS





# Verified Location of Manatee Rescue RSE1113



FIELD ID	LATITUDE	LONGITUDE	REP'DAY	REP MONTH	REP YEAR	RES DATE	RES BY	MAP BY
RSE1113	26.816374	-80.078512	8	12	2011	8/12/2011	Seaworld	KAG



**FLORIDA FISH AND  
WILDLIFE COMMISSION**

**MEMORANDUM**

---

**TO:** Tom Reinert, Research Administrator I  
Fish & Wildlife Research Institute

**THROUGH:** John Cassady, Research Associate  
Fish & Wildlife Research Institute

**FROM:** Kelly Garvy, Research Staff  
Fish & Wildlife Research Institute

**DATE:** 12 August 2011

**SUBJECT:** RSE1113

The attached rescue report includes:

- X   Narrative (MS Word)
- X   Digital Pictures (Jpeg)
- X   ArcView Map (Jpeg)
- Entanglement Data



## MANATEE CAPTURE AND ASSESSMENT FORM

Field ID TRB005 Location EARMAN RIVER SPILLWAY # capture attempts 4  
 Name HOLLY Sex F Lat/Long 26 48 59 N 80 04 43 W 1st set time 1212 w/3  
 Freeze brand 19 Water Temperature 31°C On boat time 1349  
 Date 8/12/11 Air Temperature \_\_\_\_\_ Release time 1543  
 Rescue History: 12/27/95 ENTRAPMENT, ST LUCIE POWER PLANT 2ND LB, 180 CM Recorder FISCHER

## Morphometrics

Weight (lbs)	<u>1580</u>	Last Capture Weight		Release Weight	<u>1975</u>
Stretcher weight		Last Weight Loss %		Last Weight loss %	
Weight w/stretcher		Last Capture Date		Release Date	<u>2/09/11</u>

Total straight length (cm)	<u>328</u>	338	Total curvilinear length (cm)	<u>352</u>
----------------------------	------------	-----	-------------------------------	------------

Length snout to Axilla		Girth at Axilla (actual or 1/2)	
Length snout to Umbilicus		Girth at Umbilicus (actual or 1/2)	<u>~240</u>
Length snout to Anus		Girth at Anus (actual or 1/2)	<u>~189</u>
Length snout to Peduncle		Girth at Peduncle (actual or 1/2)	<u>143</u>

Ultrasound DID NOT WORK

Reader:		Scano		Reader:	
w / standoff		Center		10 cm off (R or L)	
/	1 Umbilicus	1	/		/
/	2	2	/		/
/	3	3	/		/
/	1 Anus	1	/		/
/	2	2	/		/
		3	/		/
/	1 Peduncle	1	/		/
/	2	2	/		/
	3	3	/		/

## Telemetry

Tag Number	<u>64241</u>	Belt Color	<u>BLUE</u>
Tag Color(s)	<u>RED/ORANGE</u>	Webbing exposed	<u>3 IN</u>
Tag Antenna Color(s)	<u>BLACK</u>	Knot on which side:	<u>Left</u> Right
Tag VHF Frequency	<u>879</u>	Belt Number	
Tag Sonic	<u>1-1@73</u>	Belt Sonic	<u>75 @ 3-3-6-5</u>
Tether Strength	<u>56</u>	Tagged by / Verified by:	<u>FISCHER</u>

## PIT Tag

Scanned for PIT Tags	<u>yes</u> no	Left #	<u>00 - 01D3 - 6653</u>
PIT Tagged at Capture	yes <u>no</u>	Right #	<u>00 - 01D1 - FA55</u>
PIT Tagged by :			

## Diagnostic Samples

Milk	yes no	Sample(s) sent to :	
Urine	yes no	Sample(s) sent to :	
Fecal	yes no	Sample(s) sent to :	
Skin	yes no	Sample(s) sent to :	

# Wildlife officers and SeaWorld team up to help relocate a large manatee

## Too big for the canal she called home

Posted: 08/12/2011



• By: Vince Norman

NORTH PALM BEACH, Fla. - Shortly before noon Friday, the canals north of Anchorage Park were bustling with activity, as Florida Fish and Wildlife Conservation officers, and rescue crews from SeaWorld, searched for a nearly 2-thousand pound manatee. She had been released earlier this year.

"She looks very good. One of the reasons we do this is a health assessment on the animal. She's looking very well, so we're going to re-release her," said Steve Lehr, the Assistant Curator of Mammals at SeaWorld in Orlando.

The crews worked for hours to corral the nearly one-ton behemoth, and wrangle her into a boat.

"Unfortunately, with long-term captives, sometimes they need a little help afterwards, and that's...we've been watching her this whole time, keeping tabs on her...making sure she's staying healthy. We decided it was time to try and goose her along a little bit. To capture her, bring her to a little bit better spot and see how she does," said Tom Reinert, a research Administrator with Florida Fish and Wildlife.

The crews hauled the manatee south, to the Anchorage Park boat ramp, before using a crane to lift her into a waiting transport.

She was released in Macarthur State Park, where she will have access to a more abundant food supply.

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SWFTM1118B Asst. + Rel  
RSE1113  
"Holly" HA + Relocation  
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# Rescue Report

RSE1114

Rescue Date  
9/8/11  
Watercraft

Entered  
9/19/11  
JJS

## GENERAL: RESCUE OF A MANATEE WITH WATERCRAFT-RELATED INJURIES

Date of Rescue: 31 August 2011		Date of Initial Call: 28 August 2011		Filed by: Amy Rhoads	
Rescue ID: RSE1114		Facility ID: LPZ102941		Other ID: N/A	
FWC Case Number: 7056		FWC District: SO			
Sex: Female	Length: 279 cm	Estimated: N	Weight: 406 kg	Estimated: N	
PIT Tag Applied: N		PIT Tag Present: N		#R	#L
<b>LOCATION:</b>					
State: FL	County: Palm Beach	City: Clewiston		Waterway: Lake Okeechobee (Rim Canal)	
Latitude (DMS): 26°44'31.63" N Latitude (Decimal Degrees): 26.742119° N			Longitude (DMS): -80°52'42.91" W Longitude (Decimal Degrees): -80.878586° W		
Locality Description: swimming approximately 245 m NNW of the intersection of State Road 80 and Melaleuca Loop					
Method of Capture: boat-based capture					

### REASON FOR RESCUE

- ☒ Watercraft
 ☐ Cold Stress
 ☐ Entrapment  
☐ Entanglement
 ☐ Red Tide
 ☐ Orphan  
☐ Other: (Specify): \_\_\_\_\_

### Watercraft

<input type="checkbox"/> Propeller <input checked="" type="checkbox"/> Skeg <input type="checkbox"/> Suspected Impact
Describe: There were two parallel linear lesions along the mid-dorsum starting on the left lateral aspect and angling cranially to the right lateral aspect. The manatee was listing right side high.

### Entanglement

<input type="checkbox"/> Monofilament Line <input type="checkbox"/> Hook <input type="checkbox"/> Net <input type="checkbox"/> Buoy <input type="checkbox"/> Polyprop/Nylon Line <input type="checkbox"/> Trap <input type="checkbox"/> Sinker
Location of Entanglement:
If Crab Pot Float#: _____ Color: _____ Line Type: _____

## Rescue Report

RSE1114

Damage from Gear: <input type="checkbox"/> No Damage <input type="checkbox"/> Abrasions <input type="checkbox"/> Breaking Skin Surface
Depth of Entanglement Penetration: _____ cm
Comments:
Gear Retained: Y N By: SWFL LPZ MSQ SWF Other: _____

### Entrapment-Human Related

Describe:

### All Other

Describe: The manatee was first verified, tagged, and located by the rescue crew in Hendry County (southwest region). However, in attempt to separate the injured manatee from a mating herd, the rescue crew moved east into Palm Beach County (southeast region) where the manatee was captured.

### HISTORY

28 August 2011	At 1120 hrs, FWC-Kati Therriault (KNT) received a text alert from FWC SO Dispatch-West Palm Beach regarding an injured manatee in Clewiston, Hendry County. FWC case number 7056 was assigned. The complainant, Jason Crawford (863-228-1046), had observed the injured manatee in the Rim Canal of Lake Okeechobee struggling to submerge and suffering from a boat strike. KNT contacted the complainant and then requested officer assistance at 1133 hrs. The complainant offered to stay with the manatee until law enforcement arrived. FWC LE Lt. Brown and Officer Burnsed verified the injury to KNT by 1300 hrs. KNT arrived on scene by 1350 hrs and boarded the law enforcement vessel. KNT observed the manatee and determined a rescue was necessary. A rescue was planned for the following morning.
29 August 2011	At 0735 hrs, Dispatch informed KNT that FWC LE Officer Hankinson was en route to the last known location of the injured manatee. Also, at 0745 hrs, U.S. Army Corp of Engineers (USACE) Rachel Nuetzel contacted FWC-DMB and informed her they were en route to search for the manatee as well. DMB provided R. Nuetzel with Officer Hankinson's contact information so they could coordinate the search effort. USACE and Officer Hankinson searched for several hours but were unable to locate the injured manatee.
30 August 2011	At 1045 hrs, KNT received a text alert and call simultaneously from Dispatch and Lt. Brown regarding the injured manatee. The manatee was found in the Rim Canal in Clewiston by an unknown citizen who informed FWC LE. Officer Hankinson was sent to stay with the animal until KNT and FWC-Amy Rhoads (AJR) arrived on scene. KNT and AJR arrived on scene by 1320 hrs and boarded the officer's vessel. By 1430 hrs, KNT and AJR belted and tagged the manatee, which was in a mating herd at that point. A rescue was planned for the following morning.



## Rescue Report

**RSE1114**

31 August 2011	At 0800 hrs, KNT and AJR boarded R. Nuetzel and John Chassey's vessel and began tracking the manatee. The manatee was located off the Rim Canal in Clewiston at 0900 hrs. The rest of the rescue crew arrived by 0900 hrs. The first net set was unsuccessful because the animal was able to swim over the float line due to the shallow water depth. After several attempts to separate the injured manatee from a mating herd, the second net set was made at approximately 1115 hrs and the manatee was caught. The manatee was loaded into the rescue truck by 1145 hrs. AJR, KNT, FWC-Anna Ulch, and FWC-Trevor Gerlach transported the manatee to Lowry Park Zoo in Tampa, arriving by 1500 hrs.
8 September 2011	Due to the status of the manatee's health, the manatee was euthanized at LPZ around 0930 hrs.

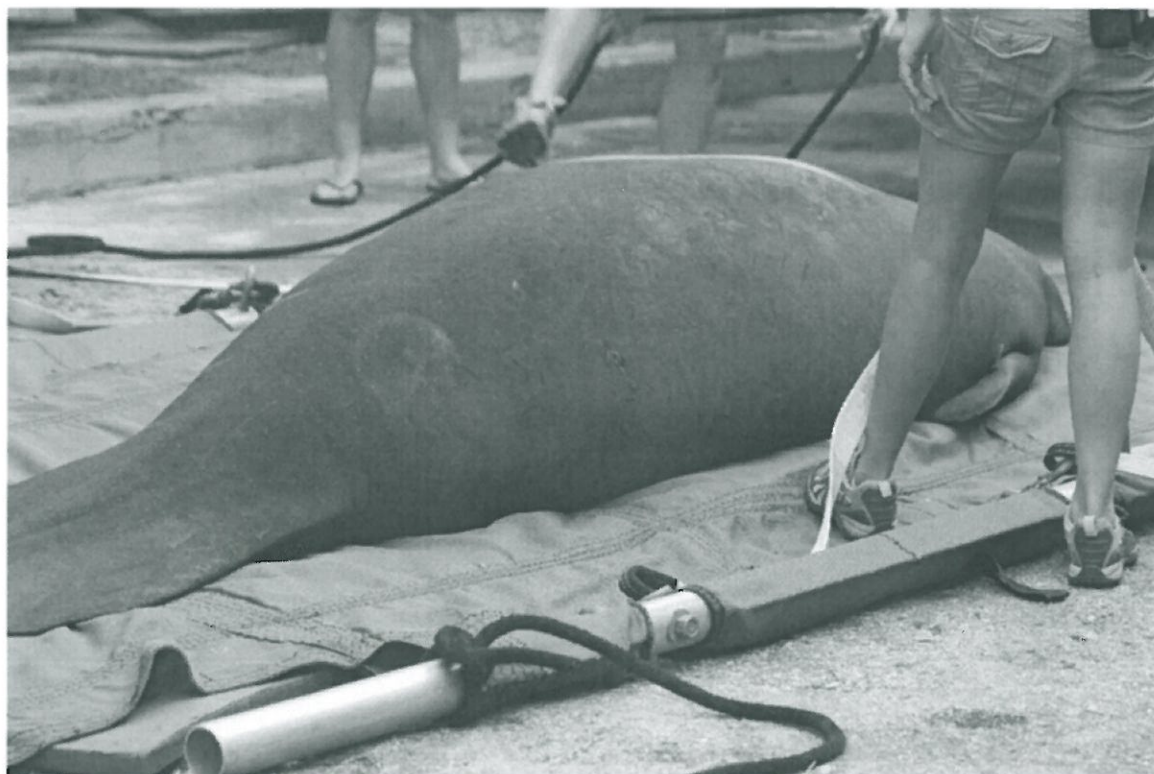
### **PARTICIPANTS:**

SWFL: AJR, KNT

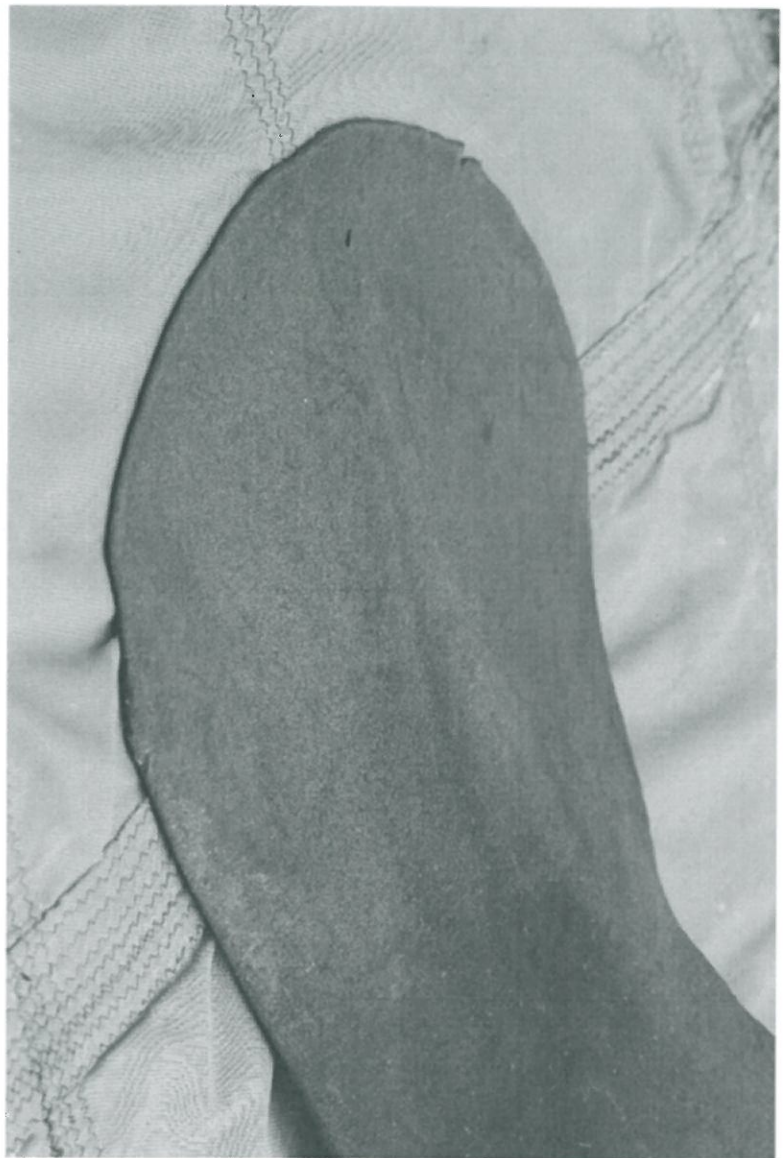
MMPL: AJG, KJR, ALU, TJG

US Army Corp of Engineers: Rachel Nuetzel, John Chassey, David Sheetz



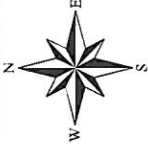


LP2102941  
R5E1114



LPZ102941  
RSE1114



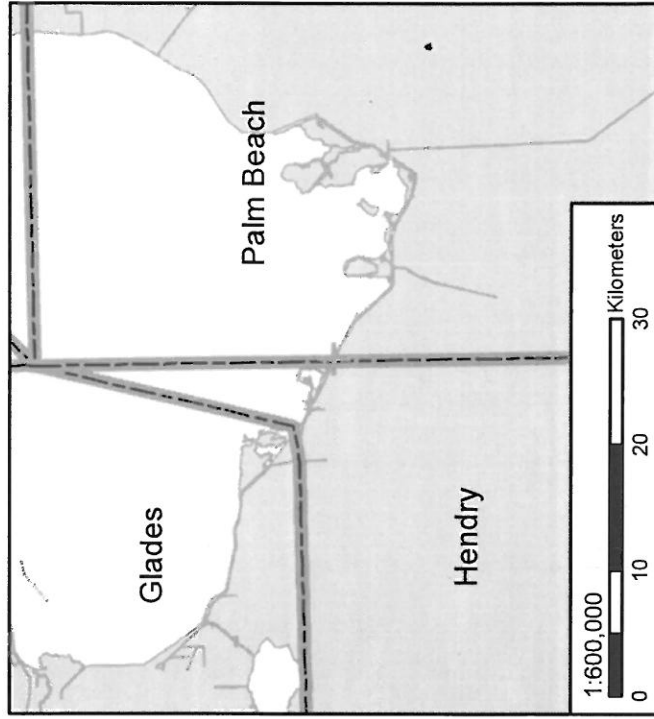
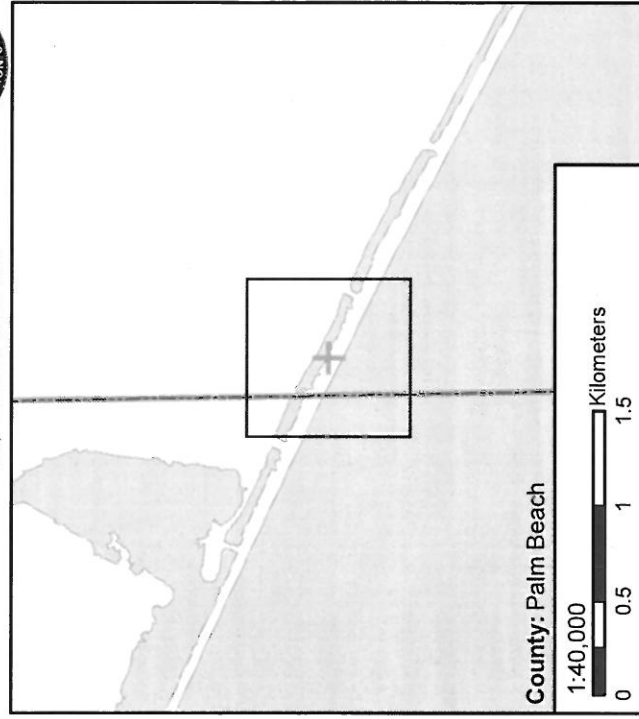


# Verified Response Location of Manatee Rescue RSE1114

Rescue Date: 8/31/2011

Facility ID: LPZ102941

Map Created 9/17/2013



## Locality Description:

approximately 245 m NNW of the intersection of State Road 80 and Melaleuca Loop

Latitude: 26.74212°N

Longitude: -80.87859°W

Szemer, Donna

Entered  
9/19/11  
DSS

Resc / Dth  
9/8/11

~~RSB #25~~  
LPZ 102941

**From:** Ball, Dr Ray ( Zoo Vet ) [Ray.Ball@LowryParkZoo.com]  
**Sent:** Thursday, September 01, 2011 10:26 AM  
**To:** Garrett, Andy; Amy Teague ; Art Yerian; Bill.Hughes@SeaWorld.com; Boyd\_Blihovde@fws.gov; Cathy Beck; cbeck@usgs.gov; Craig Miller; Rottman, Leeann; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Jacob, Katalin; jim\_reid@usgs.gov; Jodi Tuzinski; jpowell@sea2shore.org; Laura Eldredge; Maya; Michael\_Lusk@fws.gov; Mike Walsh; Mosier, Andrea; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Pamela Sweeney; Quigley, Wendy; rbonde@usgs.gov; Reinert, Tom; Robert Rose; Robert.Wagoner@SeaWorld.com; sbutler@usgs.gov; Segelson, Carli; Steven.Lehr@SeaWorld.com; Susan.Lowe@dep.state.fl.us; Szemer, Donna; Edmonds, Virginia; Ward, Leslie  
**Cc:** Andy Stamper; Antonio Rivera; Beth Nolan; Chris Bonar; David Murphy; Gwen Myers; Luis Figueroa-Oliver ; Mark Campbell; Scott Gearhart  
**Subject:** RE: Rescue Update

This female manatee arrived about 3pm yesterday after a quiet ride. She had a large swelling mid-thorax on the right side but was riding very high on both sides. She was 795# and was given ketoprofen and Excede with routine bloods taken. She has frank blood from her nares on exhalation and a somewhat fetid smell to her breath.

Her blood glucose was 19mg/dl, CK 75000, Creat 5.5, K 5.8, Ca 8.6, P 8.9.

This am she was tubed with 3L water mixed with 100ml 50% dextrose, 100ml 23% calcium borogluconate, 1800mg etodolac, and 1500IU alpha tocopherol.

We will tube her again with the electrolytes and glucose later today. My main immediate concern is the exertional myopathy from the boat strike combined with the males harassing her. Cardiac compromise from the high potassium is most critical with renal failure a close second; then we will try and manage the pneumothorax. I would prefer not to move her much right now so rads will need to wait.

Thanks

Ray

---

**From:** Garrett, Andy [mailto:Andy.Garrett@MyFWC.com]  
**Sent:** Thursday, September 01, 2011 8:17 AM  
**To:** Amy Teague ; Art Yerian; 'Bill.Hughes@SeaWorld.com'; Boyd\_Blihovde@fws.gov; Cathy Beck; cbeck@usgs.gov; Craig Miller; Rottman, Leeann; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Jacob, Katalin; jim\_reid@usgs.gov; Jodi Tuzinski; jpowell@sea2shore.org; Laura Eldredge; Maya; Michael\_Lusk@fws.gov; Mike Walsh; Mosier, Andrea; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Pamela Sweeney; Quigley, Wendy; Ball, Dr Ray ( Zoo Vet ); rbonde@usgs.gov; Reinert, Tom; Robert Rose; Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; 'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Szemer, Donna; Edmonds, Virginia; Ward, Leslie  
**Subject:** Rescue Update

Clewiston, FL:

Yesterday, a team from the FWC-SWFL and Army Corps were able to track down the excessively buoyant injured manatee that was tagged on Tuesday in the rim canal on the west side of Lake Okeechobee. Staff from the FWC-MMPL arrive later to assist with the capture. The injured manatee was being harassed by two adult manatees that were thought to have left the area once the capture team arrived. The injured manatee was encouraged to the middle of the rim canal where the initial net set was made. Once the manatee was encircled, the injured manatee began to thrash at the surface in what was thought to be a reaction to being entrapped by the net. A few seconds later the two male

manatees emerged under the injured manatee clasping to her ventrum. The net was opened up and the animals swam free. After the net was reset, the capture team spent the next 20 minutes "claiming the female" from the males. Once separated from the males, the injured manatee was captured without issue. The capture team proved their dominance over the female and that they were the "alpha-male" that day! (Ha, Ha).

Once captured the manatee was taken to Lowry Park.

-Andy



# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID # LPZ102941  
Date of Report: 2011-Sep-08  
Filed By: FWC MMPL

FWC Case # 7056

FWC Region: SO

Sex: Female

Length: 272.0 cm

Weight: 367.0 kg

DATE REPORTED: 2011-Sep-08

By: LPZ to MMPL-MdW

DATE COLLECTED: 2011-Sep-08

By: MMPL-MdW

DATE NECROPSIED: 2011-Sep-08

By: MMPL-MdW,BLB,ARH,ALU FWC-DMB,KNT

LOCATION: State: FL

Latitude: 26.74212 N

County: Palm Beach

Longitude: -80.87859 W

Waterway: Rim Canal

Locality description: Clewiston, in the Lake Okeechobee Rim Canal, approximately 245 m NNW of the intersection of State Road 80 and Melaleuca Loop.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

## Explain:

Impact, chronic. Healing wounds; fractured ribs, vertebra; blood clots; fibrin, blood-tinged fluid pleural cavity; hematomas, collapsed, bloody, consolidated lung; displaced abdominal organs; hemorrhage thymus, uterine horn; relatively empty GI tract; chin abrasions; shredded, hemorrhagic muscle.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Internal, Other

## MATERIALS COLLECTED:

genetics, ELISA toxicology samples, archive toxicology samples, histology, head for UF-Roger Reep.

DISPOSITION OF MATERIAL: FWC MMPL.

## ADDITIONAL DATA:

Organ Weights Report, wound measurements, rescue report.

## REMARKS:

PIT tag scan negative. See rescue report RSE1114. Rescued on 31 Aug 2011, euthanized on 08 Sept 2011 at 1040 hrs. Rib count-17 plus one small process on both sides. Accessory spleens.

Page 1&2	03 <del>APR</del> MAY 2013
Necropsy Report	03 MAY 2013
Lat/Long	03 MAY 2013

# Rescue Report

RSE1115

## GENERAL:

Date of Rescue: 11 September 2011	Date of Initial Call: 10 September 2011	Filed by: FWC-KAG
Rescue ID#: RSE1115	Facility ID: N/A	Other ID: N/A
FWC Case: 7405	Officer Name: FWC LE Ofc. A.J. Maynard	
Sex: unknown	Length: N/T cm	Estimated: 180 cm
PIT Tag Present: No	PIT Tag Applied: N/A	#R #L
LOCATION:		
State: FL	City: Lake Harbor	County: Palm Beach
Latitude (Decimal Degrees): 26.698653 W		Longitude (Decimal Degrees): -80.806625 N
Locality Description: South of John Stretch Memorial Park, trapped in water management structure 354 between Miami Canal and Lake Okeechobee Rim Canal		
Method of Capture: N/A		

## REASON FOR RESCUE

	Watercraft
	Entanglement
X	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement:

### Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface:    Depth of Entanglement Penetration: cm

## Rescue Report

RSE1115

Comments:
Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation			

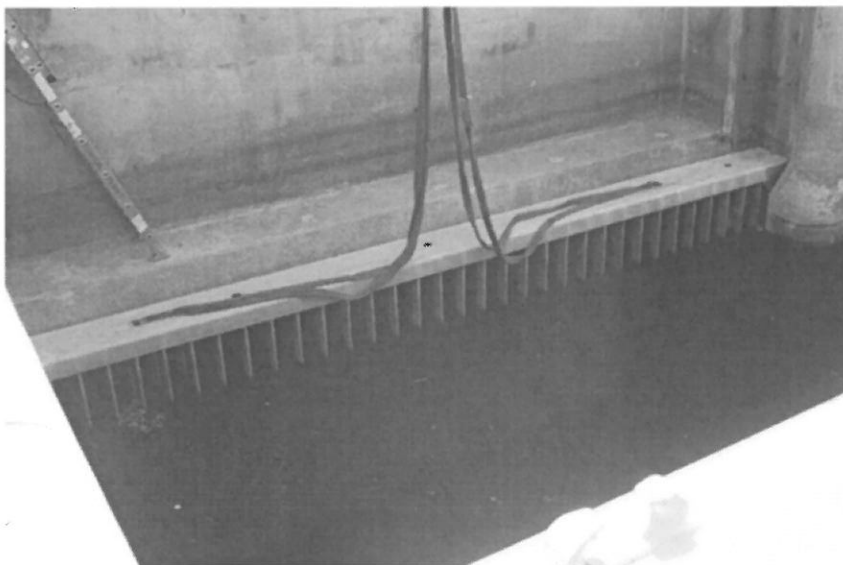
### HISTORY

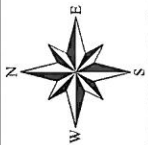
Date	Narrative
10 September 2011	At 1345 hrs, FWC-Kelly A. Garvy (KAG) received a text alert from FWC SO Dispatch-Palm Beach regarding a manatee trapped in Water Control Structure 354, south of John Stretch Memorial Park, Palm Beach County. FWC case number 7405 was assigned. The citizen, Leonard Penna (863-234-8151), reported seeing the manatee come up for air behind a grate in the water control structure. An officer was requested. At 1800 hrs, FWC LE Ofc. A.J. Maynard responded to the scene then contacted KAG and informed her that the trapped manatee was a calf and there was a large manatee, assumed to be the mother, on the opposite side of grate. Ofc. Maynard contacted the Army Corps of Engineers to alert them to the situation. At 2230 hrs, Rachel Nuetzel with the Army Corps of Engineers contacted KAG and advised that they would be on site at 0800 hrs the following morning to lift the grate and allow the trapped manatee to exit the structure.
11 September 2011	At 0730 hrs, KAG spoke with Rachel Nuetzel who advised that she was on scene at the water control structure, but the large manatee had left the area and could not be located. KAG advised against lifting the grate in case the trapped manatee was a dependent calf and the presumed mother had left the area. At 1100 hrs, KAG and FWC-John D. Cassidy (JDC) arrived on scene. The trapped manatee was deemed to be a juvenile and not a dependent calf. At 1300 hrs, the grate was lifted and the manatee swam out of the structure. The grate was lowered when the manatee was a safe distance from the structure.

## PARTICIPANTS

FWC- John D. Cassady, Kelly A. Garvy US Army Corps of Engineers FWC LE- Ofc. A.J. Maynard
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## PHOTOS



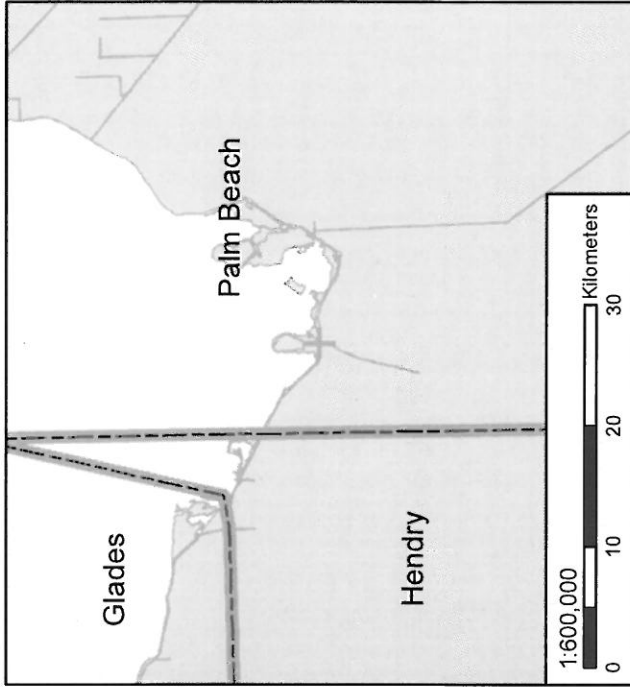


# Verified Response Location of Manatee Rescue RSE1115

Rescue Date: 9/11/2011

Facility ID:

Map Created 7/9/2013



## Locality Description:

NE of John Stretch Memorial Park, in water management structure 354 between Miami Canal and Lake Okeechobee Rim Canal

Latitude: 26.69851°N

Longitude: -80.80664°W



# Rescue Report

RSE1116

Rescue

Entered  
2/22/12  
DS

Watercraft

## GENERAL:

Date of Rescue: 21 November 2011 Date of Initial Call: 21 November 2011 Filed by: FWC-KAG  
Rescue ID#: RSE1116 Facility ID: MSTm1113 Other ID: "Stewie"  
FWC Case: 9298 Officer Name: N/A  
Sex: Male Length: 272 cm Estimated: No  
PIT Tag Present: No PIT Tag Applied: No #R #L  
LOCATION:  
State: FL City: Stuart County: Martin Waterway: Manatee Pocket  
Latitude (Decimal Degrees): 27.16114 Longitude (Decimal Degrees): -80.192977  
Locality Description: Floating under dock at Twin Rivers Park  
Method of Capture: Land set net

## REASON FOR RESCUE

X	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

## Entanglement

	Monofilament Line		Net
	Polyprop/Nylon Line		Buoy
	Sinker		Trap
	Hook		

Location of Entanglement:

### Damage from Gear

	No Damage
	Abrasions
	Breaking Skin Surface: Depth of Entanglement Penetration: cm
Comments:	

## Rescue Report

RSE1116

Gear Retained:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation			

### HISTORY

Date	Narrative
21 November 2011	<p>At 1044 hrs, FWC Intern-Jenna L. Golden (JLG) received a text alert from FWC SO Dispatch-Palm Beach regarding an injured manatee in Stuart, Martin County, behind Twin Rivers Park. FWC case number 9298 was assigned. The complainants, Harry and Roger White (Florida Oceanographic Society; 772-403-3327), reported that the manatee was barely breathing. At 1130 hrs, FWC-John D. Cassady (JDC), Kelly A. Garvy (KAG), and JLG arrived on scene. The manatee was listing and floating underneath a dock. JDC attempted to put a tag on the manatee but the manatee swam into the channel. Martin County Sheriff Deputies picked up JDC, KAG, and JLG in a sheriff's boat and began following the manatee. FWC-Tom Reinert arrived with the transport truck and relocated to Sandsprit Park, a more advantageous rescue location. After several failed hoop net capture attempts, the manatee was cornered in a small channel and captured using a small land set net from Florida Oceanographic. The manatee was placed in a stretcher and lifted onto the deck of a dredge barge using the onboard crane. The manatee was taken to the Sandsprit Park boat ramp and loaded into the rescue truck. At 1900 hrs, the rescue truck arrived at Miami Seaquarium. The manatee was unloaded and treated for watercraft wounds.</p>

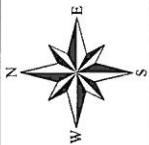
### PARTICIPANTS

FWC SE- Tom R. Reinert, John D. Cassady, Kelly A. Garvy, Intern-Jenna L. Golden  
Martin County Sheriff Officers  
West Palm Beach Police Dive Team  
Florida Oceanographic Society-Roger White

**PHOTOS**

20D\_2011-11-21\_5751 through 20D\_2011-11-21\_5763





# Verified Response Location of Manatee Rescue RSE1116

Rescue Date: 11/21/2011

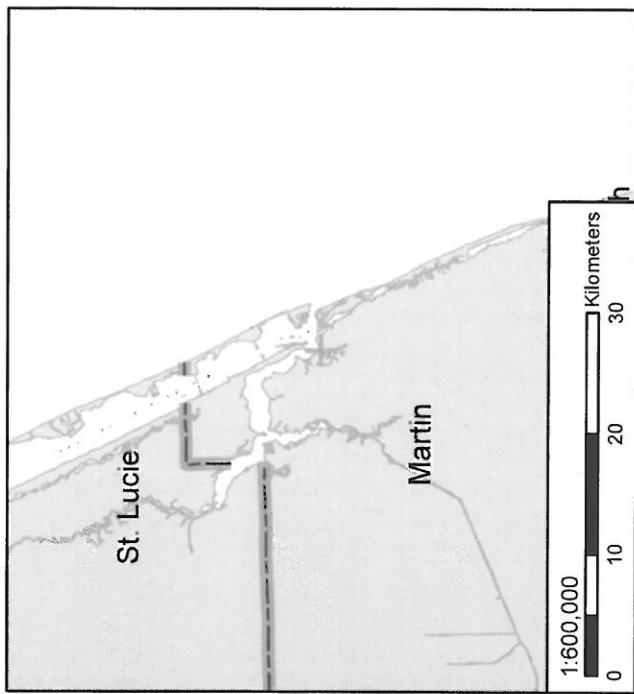
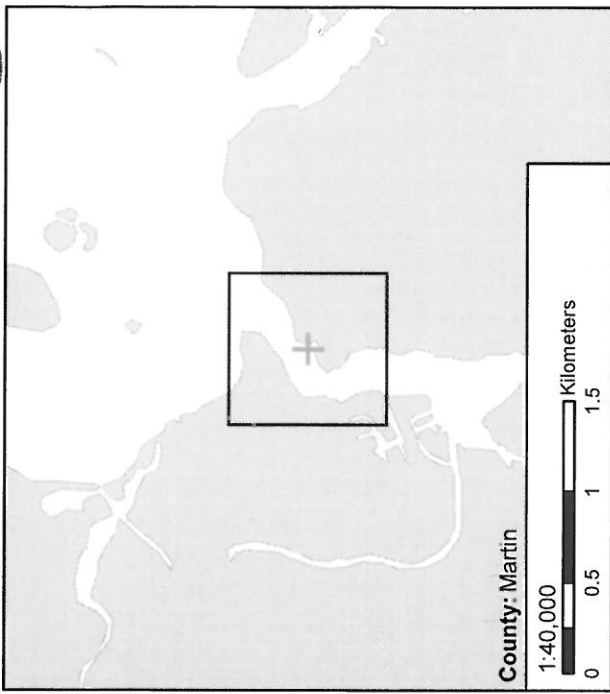
Facility ID:

Map Created 7/28/2013



## Locality Description:

under dock approximately 40m NW of 4645 SE Williams Way



Latitude: 27.16115°N

Longitude: -80.19299°W

**Manatee Information (MLog:1337 )**Animal ID: **MSTm1113** Sex: **M** Name: **Stewie** Rearing: **Wild reared**

## -- Rescue Information -----

**Rescue Date:** 11/21/2011 **Rescue Per Day:** 1**Rescue Type:** Brought into captivity**Primary Cause:** Watercraft Impact**Primary Cause Text:****Secondary Cause:****Secondary Cause Text:****Health Status:** Critical**Suspected Pregnant:** Animal sex is male or unknown

RSE1116

## -- Rescue Location Information -----

**State:** FL **County:** Martin **City:** Stuart**Waterway:** Manatee Pocket**Latitude:** 27.161085 **Longitude:** -80.192975**Relocated, where?:****Did animal die during rescue or transport?:** No

## -- Measurement -----

**Weight (kg):** 363 **Estimated Weight?:** Yes **Date Weighed:** 11/21/2011**Length (cm):** 272 **Estimated Length?:** No **Date Measured:** 11/21/2011

## -- Other Rescue Information -----

**Tracker:** **Transporter:** FWC Tequesta Field Station**Facility transported to:** Miami Seaquarium**Veterinarian:** Maya Rodriguez **Organization:** Miami Seaquarium**Participating Org:****Flood Gate:** **Pot Status:****Additional Narrative:** Listing to the side (left side up), skeg mark across back-swollen over ribs

## -- Report Information -----

**Created By:** Jodi Tuzinski **Created Date:** 11/23/2011**Updated By:** D **Updated Date:** 11/23/2011



Szemer, Donna

MSTM1113

RSE1116

"Stewie"

**From:** mayadvn@msn.com  
**Sent:** Tuesday, November 22, 2011 4:24 PM  
**To:** Garrett, Andy; ateague@usgs.gov; art.yerian@dep.state.fl.us; Baxter, Kevin; bill.hughes@seaworld.com; boyd\_blihovde@fws.gov; cathy\_beck@usgs.gov; cbeck@usgs.gov; millerc@jacksonvillezoo.org; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; gzern@co.volusia.fl.us; glovewell@mote.org; Jacob, Katalin; jim\_reid@usgs.gov; jtuzinski@msq.cc; jpowell@sea2shore.org; laura.eldredge@gmail.com; michael\_lusk@fws.gov; kapustinn@jacksonvillezoo.org; walshm@vetmed.ufl.edu; Mosier, Andrea; mrossbtl@aol.com; Nicole Adimey; pamela.sweeney@dep.state.fl.us; Quigley, Wendy; ray.ball@lowryparkzoo.com; rbonde@usgs.gov; Reinert, Tom; rrose@msq.cc; robert.wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; steven.lehr@seaworld.com; susan.lowe@dep.state.fl.us; Szemer, Donna; virginia.edmonds@lowryparkzoo.com; Ward, Leslie  
**Subject:** RE: Manatee Rescue Alert - South of the City of Stuart

Hi, The 9 foot manatee from Stuart has a boat strike skeg wound with broken ribs, mild pneumo and moderate amount of hemorrhagic mildy purulent fluid on the right side, and a free flowing air pneumo on the left side (The momentum shock wave must have gone clear through to the opposite side). He joins the 180 club (He has a 180 tilt when resting). He is trocared over night to release air, antibiotics and tubings were started, his blood picture gives him a guarded prognosis. Happy Thanksgiving,  
Maya

---

**From:** [Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)  
**To:** [Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com); [ateague@usgs.gov](mailto:ateague@usgs.gov); [Art.Yerian@dep.state.fl.us](mailto:Art.Yerian@dep.state.fl.us); [Kevin.Baxter@MyFWC.com](mailto:Kevin.Baxter@MyFWC.com); ['Bill.Hughes@SeaWorld.com'](mailto:'Bill.Hughes@SeaWorld.com'); [Boyd.Blihovde@fws.gov](mailto:Boyd.Blihovde@fws.gov); [Cathy.Beck@usgs.gov](mailto:Cathy.Beck@usgs.gov); [cbeck@usgs.gov](mailto:cbeck@usgs.gov); [millerc@jacksonvillezoo.org](mailto:millerc@jacksonvillezoo.org); [curator@lowryparkzoo.com](mailto:curator@lowryparkzoo.com); [Martine.deWit@MyFWC.com](mailto:Martine.deWit@MyFWC.com); [Katherine.Frisch@MyFWC.com](mailto:Katherine.Frisch@MyFWC.com); [gzern@co.volusia.fl.us](mailto:gzern@co.volusia.fl.us); [glovewell@mote.org](mailto:glovewell@mote.org); [Katalin.Jacob@MyFWC.com](mailto:Katalin.Jacob@MyFWC.com); [jim\\_reid@usgs.gov](mailto:jim_reid@usgs.gov); [jtuzinski@msq.cc](mailto:jtuzinski@msq.cc); [jpowell@sea2shore.org](mailto:jpowell@sea2shore.org); [laura.eldredge@gmail.com](mailto:laura.eldredge@gmail.com); [MayaDVM@msn.com](mailto:MayaDVM@msn.com); [Michael.Lusk@fws.gov](mailto:Michael.Lusk@fws.gov); [kapustinn@jacksonvillezoo.org](mailto:kapustinn@jacksonvillezoo.org); [WalshM@vetmed.ufl.edu](mailto:WalshM@vetmed.ufl.edu); [Andrea.Mosier@MyFWC.com](mailto:Andrea.Mosier@MyFWC.com); [mrossbtl@aol.com](mailto:mrossbtl@aol.com); [Nicole.Adimey@fws.gov](mailto:Nicole.Adimey@fws.gov); [Pamela.Sweeney@dep.state.fl.us](mailto:Pamela.Sweeney@dep.state.fl.us); [Wendy.Quigley@MyFWC.com](mailto:Wendy.Quigley@MyFWC.com); [Ray.Ball@LowryParkZoo.com](mailto:Ray.Ball@LowryParkZoo.com); [rbonde@usgs.gov](mailto:rbonde@usgs.gov); [Tom.Reinert@MyFWC.com](mailto:Tom.Reinert@MyFWC.com); [rrose@msq.cc](mailto:rrose@msq.cc); [Robert.Wagoner@seaworld.com](mailto:Robert.Wagoner@seaworld.com); [sbutler@usgs.gov](mailto:sbutler@usgs.gov); [Carli.Segelson@MyFWC.com](mailto:Carli.Segelson@MyFWC.com); ['Steven.Lehr@seaworld.com'](mailto:'Steven.Lehr@seaworld.com'); [Susan.Lowe@dep.state.fl.us](mailto:Susan.Lowe@dep.state.fl.us); [Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com); [Virginia.Edmonds@LowryParkZoo.com](mailto:Virginia.Edmonds@LowryParkZoo.com); [Leslie.Ward@MyFWC.com](mailto:Leslie.Ward@MyFWC.com); [Kevin.Baxter@MyFWC.com](mailto:Kevin.Baxter@MyFWC.com)  
**Date:** Mon, 21 Nov 2011 15:30:00 -0500  
**Subject:** RE: Manatee Rescue Alert - South of the City of Stuart

The 7-7.5 ft manatee was captured using a hoop net and small land set net and is on its way to Miami Seaquarium. The manatee has noticeable swelling on one side possibly due to a boat strike.

-Andy

---

**From:** Garrett, Andy  
**Sent:** Monday, November 21, 2011 1:15 PM  
**To:** 'Amy Teague'; 'Art Yerian'; Baxter, Kevin; 'Bill.Hughes@SeaWorld.com'; 'Boyd\_Blihovde@fws.gov'; 'Cathy Beck'; 'cbeck@usgs.gov'; 'Craig Miller'; 'curator@lowryparkzoo.com'; deWit, Martine; Frisch, Katherine; 'Georgia Zern'; 'Gretchen Lovewell'; Jacob, Katalin; 'jim\_reid@usgs.gov'; 'Jodi Tuzinski'; 'jpowell@sea2shore.org'; 'Laura Eldredge'; 'Maya'; 'Michael\_Lusk@fws.gov'; 'Mick Kapustin'; 'Mike Walsh'; Mosier, Andrea; 'mrossbtl@aol.com'; 'Nicole\_Adimey@fws.gov'; 'Pamela Sweeney'; Quigley, Wendy; 'Ray.Ball@LowryParkZoo.com'; 'rbonde@usgs.gov'; Reinert, Tom; 'Robert Rose'; 'Robert.Wagoner@seaworld.com'; 'sbutler@usgs.gov'; Segelson, Carli; 'Steven.Lehr@seaworld.com'; 'Susan.Lowe@dep.state.fl.us'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie; Baxter, Kevin  
**Subject:** Manatee Rescue Alert - South of the City of Stuart

The SEFL responded to a call about a small excessively buoyant manatee that is listing to one side in a canal south of the city of Stuart. John Cassady confirmed the manatee's condition and is organizing a rescue team as well as attempting to

tag the manatee. Apparently the manatee is in a poor capture location. Miami Seaquarium will be contacted soon if they have not been already to check for rehab availability.

I kind of forgot how this whole rescue update thing works, it's been a while.

-Andy

# Rescue Report

RSE1201

Resc/Rel  
12/4/12

Watercraft

## GENERAL:

Date of Rescue: 17 January 2012 Date of Initial Call: 17 January 2012 Filed by: L. Connor  
Rescue ID#: RSE1201 Facility ID: MSTm1201 Other ID: "Wiley"  
FWC Case: 0472 Officer Name: FWC LE Offc Kelsey Wiernicki and Ray Woolrich  
Sex: Male Length: 203 cm Estimated: No  
PIT Tag Present: Unk PIT Tag Applied: No #R #L  
LOCATION:  
State: FL City: Stuart County: Martin Waterway: Willoughby Creek  
Latitude (Decimal Degrees): 27.17237° Longitude (Decimal Degrees): -80.20713°  
Locality Description: Behind 3382 Inlet Harbor Trail.  
Method of Capture: Boat based, hoop net

## REASON FOR RESCUE

X	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

## HISTORY

Date	Narrative
17 January 2012	At 1530 hrs, FWC-Kelly Garvy (KAG) received a text alert from FWC SO Dispatch-Palm Beach regarding an injured manatee in Willoughby Creek, Stuart, Martin County. FWC case number 0472 was assigned. FWC LE Officers Ray Woolrich and Kelsey Wiernicki responded to the scene and kept watch on the manatee. At 1630 hrs, FWC-John Cassady (JDC), KAG, Katie Bullard (KSB), and Intern-Lauren Connor (LAC) arrived on scene. The manatee was suffering from deep propeller wounds that cut into the body cavity. At 1730 hrs, FWC-Tom Reinert (TRR) arrived with the rescue truck and the hoop net. A Martin County Sheriff's Marine Deputy picked up FWC-TRR, JDC, KAG, KSB, Intern-LAC, and FWC LE Officers Wiernicki and Woolrich to follow and attempt to capture the manatee with the hoop net. The manatee was hoop-netted by FWC- JDC under the dock behind 3382 SE Inlet Harbor Trail. The manatee was then put on a stretcher and carried to the rescue truck. At 2100 hrs, the rescue truck arrived at Miami Seaquarium, where the manatee was unloaded and treated for boat strike wounds.



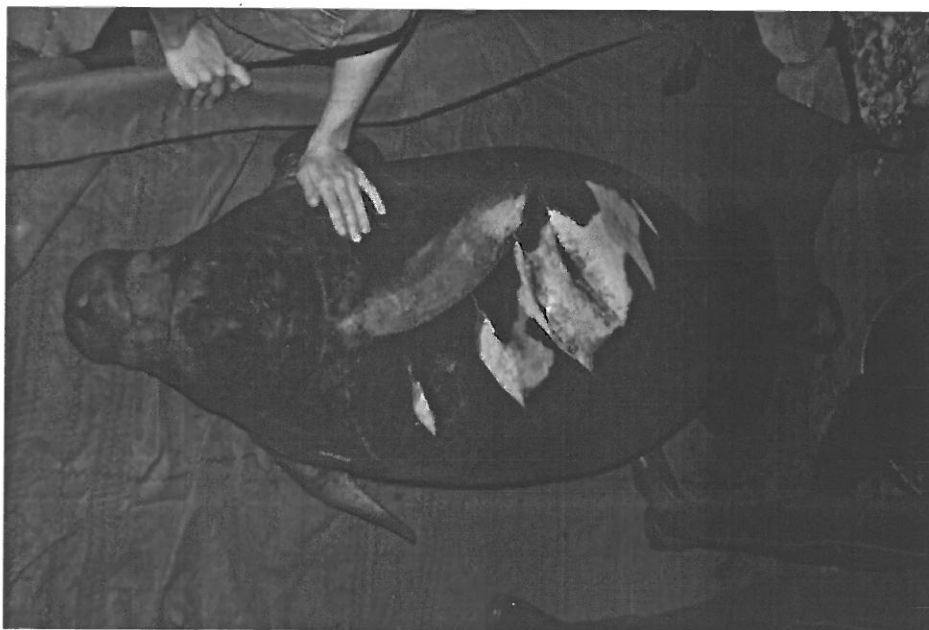
**PARTICIPANTS**

FWC SE: T. Reinert, J. Cassady, K. Garvy, K. Bullard, Intern-L. Connor Martin County Sheriff Deputy FWC LE Officers:- Kelsey Wiernicki and Ray Woolrich
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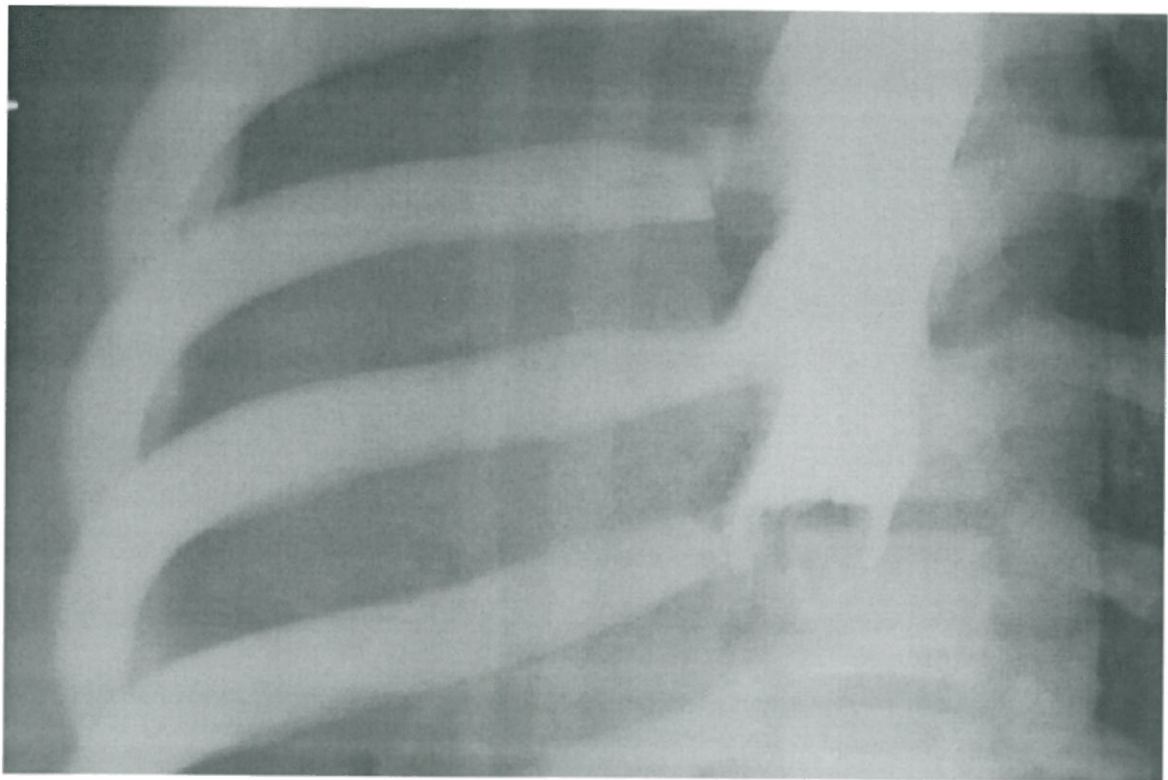
**PHOTOS**

FWC010\_2012-01-17\_8227 through FWC010\_2012-01-17\_8233.

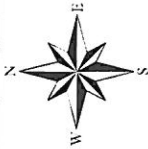








MSTM1201 / RSE1201

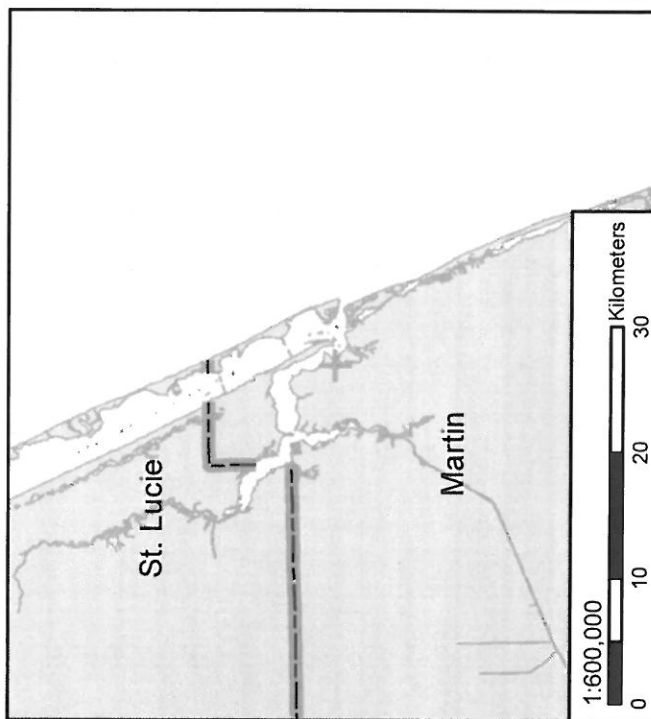
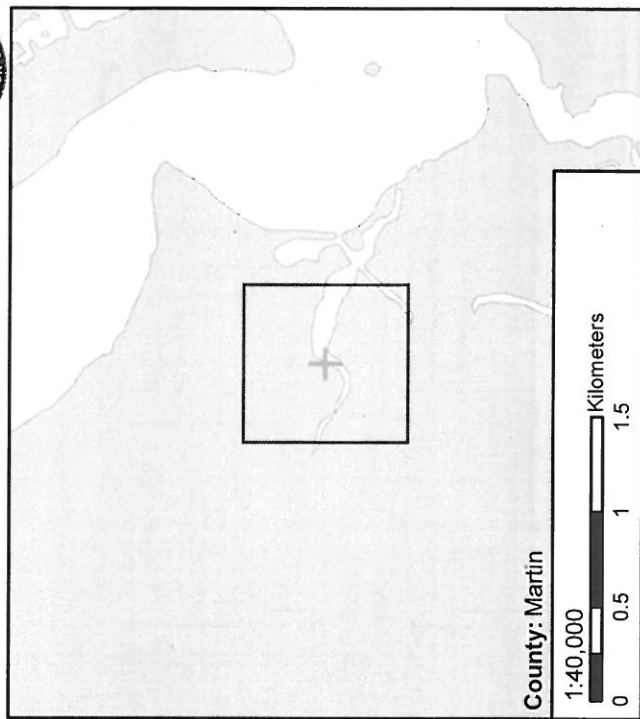


# Verified Response Location of Manatee Rescue RSE1201

Rescue Date: 1/17/2012

Facility ID: MSTm1201

Map Created 10/28/2013



**Locality Description:**  
behind 3382 Inlet Harbor Trail

Latitude: 27.17237°N

Longitude: -80.20713°W



Resc

Szemer, Donna

MSTM1201

RSE1201

**From:** mayadvn@msn.com  
**Sent:** Thursday, January 19, 2012 1:47 PM  
**To:** Reinert, Tom; Garrett, Andy; ateague@usgs.gov; art.yerian@dep.state.fl.us; Baxter, Kevin; bill.hughes@seaworld.com; boyd\_blihovde@fws.gov; cathy\_beck@usgs.gov; cbeck@usgs.gov; millerc@jacksonvillezoo.org; curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; gzern@co.volusia.fl.us; glovewell@mote.org; Jacob, Katalin; jim\_reid@usgs.gov; jtuzinski@msq.cc; jpowell@sea2shore.org; laura.eldredge@gmail.com; michael\_lusk@fws.gov; kapustinn@jacksonvillezoo.org; walshm@vetmed.ufl.edu; Mosier, Andrea; mrossbtl@aol.com; Nicole Adimey; pamela.sweeney@dep.state.fl.us; Quigley, Wendy; ray.ball@lowryparkzoo.com; rbonde@usgs.gov; rose@msq.cc; robert.wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli; steven.lehr@seaworld.com; susan.lowe@dep.state.fl.us; Szemer, Donna; virginia.edmonds@lowryparkzoo.com; Ward, Leslie; Knox, Carol; Calleson, Scott  
**Subject:** RE: Rescue Alert  
**Attachments:** DSCN1689.JPG; DSCN1700.JPG

(Spoiler alert ugly pic) The 203cm male from Stuart has 3 broken ribs on the left 5 on the right, open wounds that appeared to penetrate the thorax on both sides very necrotic about 1 week old full of creek water dirt and twigs, vertebral column somewhat necroticish, but...Alert, responsive, moving paddle great and good lung expansion left side, so... contrast xrays were done on the open wounds and there is no connection to the internal thoracic area on the left, minimal leakage on the right, right side now has moderate lung expansion thus we will aggressively continue to treat with antibiotics and big time wound care. Pics the blue is antiseptic notice right rib and the two black holes are on either side of the whitish vertebral column to get orientation and other pic the bright white is the left open wound notice not falling into lung space. He is still under guarded to poor prognosis but that is better than grave prognosis.

Maya

---

**From:** [Tom.Reinert@MyFWC.com](mailto:Tom.Reinert@MyFWC.com)  
**To:** [Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com); [ateague@usgs.gov](mailto:ateague@usgs.gov); [Art.Yerian@dep.state.fl.us](mailto:Art.Yerian@dep.state.fl.us); [Kevin.Baxter@MyFWC.com](mailto:Kevin.Baxter@MyFWC.com); ['Bill.Hughes@SeaWorld.com'](mailto:'Bill.Hughes@SeaWorld.com'); [Boyd\\_Blihovde@fws.gov](mailto:Boyd_Blihovde@fws.gov); [Cathy\\_Beck@usgs.gov](mailto:Cathy_Beck@usgs.gov); [cbeck@usgs.gov](mailto:cbeck@usgs.gov); [millerc@jacksonvillezoo.org](mailto:millerc@jacksonvillezoo.org); [curator@lowryparkzoo.com](mailto:curator@lowryparkzoo.com); [Martine.deWit@MyFWC.com](mailto:Martine.deWit@MyFWC.com); [Katherine.Frisch@MyFWC.com](mailto:Katherine.Frisch@MyFWC.com); [gzern@co.volusia.fl.us](mailto:gzern@co.volusia.fl.us); [glovewell@mote.org](mailto:glovewell@mote.org); [Katalin.Jacob@MyFWC.com](mailto:Katalin.Jacob@MyFWC.com); [jim\\_reid@usgs.gov](mailto:jim_reid@usgs.gov); [jtuzinski@msq.cc](mailto:jtuzinski@msq.cc); [jpowell@sea2shore.org](mailto:jpowell@sea2shore.org); [laura.eldredge@gmail.com](mailto:laura.eldredge@gmail.com); [MayaDVM@msn.com](mailto:MayaDVM@msn.com); [Michael\\_Lusk@fws.gov](mailto:Michael_Lusk@fws.gov); [kapustinn@jacksonvillezoo.org](mailto:kapustinn@jacksonvillezoo.org); [WalshM@vetmed.ufl.edu](mailto:WalshM@vetmed.ufl.edu); [Andrea.Mosier@MyFWC.com](mailto:Andrea.Mosier@MyFWC.com); [mrossbtl@aol.com](mailto:mrossbtl@aol.com); [Nicole\\_Adimey@fws.gov](mailto:Nicole_Adimey@fws.gov); [Pamela.Sweeney@dep.state.fl.us](mailto:Pamela.Sweeney@dep.state.fl.us); [Wendy.Quigley@MyFWC.com](mailto:Wendy.Quigley@MyFWC.com); [Ray.Ball@LowryParkZoo.com](mailto:Ray.Ball@LowryParkZoo.com); [rbonde@usgs.gov](mailto:rbonde@usgs.gov); [rose@msq.cc](mailto:rose@msq.cc); [Robert.Wagoner@seaworld.com](mailto:Robert.Wagoner@seaworld.com); [sbutler@usgs.gov](mailto:sbutler@usgs.gov); [Carli.Segelson@MyFWC.com](mailto:Carli.Segelson@MyFWC.com); ['Steven.Lehr@seaworld.com'](mailto:'Steven.Lehr@seaworld.com'); [Susan.Lowe@dep.state.fl.us](mailto:Susan.Lowe@dep.state.fl.us); [Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com); [Virginia.Edmonds@LowryParkZoo.com](mailto:Virginia.Edmonds@LowryParkZoo.com); [Leslie.Ward@MyFWC.com](mailto:Leslie.Ward@MyFWC.com); [carol.knox@MyFWC.com](mailto:carol.knox@MyFWC.com); [scott.calleson@MyFWC.com](mailto:scott.calleson@MyFWC.com)  
**Date:** Tue, 17 Jan 2012 19:23:31 -0500  
**Subject:** RE: Rescue Alert

**Stuart:**

A 6' manatee was rescued in Willoughby Creek, Stuart, Tuesday afternoon, suffering from penetrating prop wounds along the right dorsal aspect. Wounds are slightly necrotic. It is on its way to Miami Seaquarium now.

Tom

## Szemer, Donna

---

**From:** Bullard, Katherine  
**Sent:** Wednesday, December 05, 2012 11:11 AM  
**To:** Szemer, Donna  
**Cc:** Cassady, John  
**Subject:** RE: Manatee Release

Hey! Yes, Wiley was released yesterday in Martin County, Stuart, Willoughby Creek.

Pit Tag Right# 00-06F0-2442 / Left # 00-06F0-F28C

Total Length (straight): 229cm

Weight: 600 lbs. (I'm going to double-check this number with Maya) - *Correct wt = 595 lbs*

Let us know if you need anything else!

Katie Bullard

*Marine Mammal Research Biologist*

Florida Fish & Wildlife Conservation Commission

19100 SE Federal Highway

Tequesta, FL 33469

(772)216-5407

---

**From:** Szemer, Donna  
**Sent:** Wednesday, December 05, 2012 10:18 AM  
**To:** Cassady, John; Bullard, Katherine  
**Subject:** Manatee Release

Hi!

Do you have any information on the manatee that was released yesterday? I assume it was Wiley...?

Do you have the release length, weight, and PIT tag numbers?

The release would be Martin Co, Stuart, Willoughby Creek, correct?

Thanks Much!

Donna

Release  
12/4/12

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MSTM 1201

Wiley

## Rehabilitated manatee to be released in Stuart

*The Associated Press*

*Published: Tuesday, December 4, 2012 at 3:01 a.m.*

Wildlife officials will be releasing a manatee treated for several boat-related injuries back into the wild.

Staff from the Fish and Wildlife Research Institute, the research arm of the Florida Fish and Wildlife Conservation Commission, will be on hand Tuesday for the release. Also in attendance will be staff from the Miami Seaquarium, where the manatee was taken for rehabilitation, and the Sea to Shore Alliance.

Wildlife officials rescued the juvenile male last January in Stuart. He will be released Tuesday near the same area where he was found.

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West Indian Manatee (*Trichechus manatus*)

(727) 896-8626

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: MSTm1201 Date: 11-12-2012 Time Captured(Onboard): \_\_\_\_\_  
 Name: Wiley Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: 27,172619 N Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium Longitude: -80,210472 W Data Recorder: \_\_\_\_\_  
 Event: \_\_\_\_\_ Capture \_\_\_\_\_ Rescue ☒ Pre-release Assess. \_\_\_\_\_ Release \_\_\_\_\_ Post-release Assess. \_\_\_\_\_  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

MORPHOMETRICS	Weight: 12-4-2012 (lb or kg) <del>600</del> # 595	Manatee + stretcher via Dr. Rodriguez	Stretcher weight
Lengths	Total Length (curvilinear) (cm)	242cm	
	Total Length (straight)	229cm	
	Snout to Peduncle	175cm	
	Snout to Anus	148cm	
	Snout to Umbilicus	107cm	
Girths	Girth at Peduncle: 104cm actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: 144cm actual		
	Girth at Umbilicus: 179cm actual		
	Girth at Axilla: 149cm actual		

ULTRASOUND		Reader Name:		
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: 1 / 2	1	/	/	/
Other:	2	/	/	/
	3	/	/	/

CONDITION	Body Score: 1 2 3 *4 5				
	Poor	Fair	Good	Very Good	Excellent / Undetermined
	Peanut shaped head? No		Ribs visible? No		
	Side between anus & peduncle:		Rounded		
	Ventrums:		Rounded		
	Fresh Wounds or Lesions:		No		
	Person(s) assessing condition:		Dr. Maya Rodriguez		

REPROD. STATUS	Pregnant? No If so, describe: N/A	
	Lactating?	No
SAMPLES	Milk sample collected? stored?	No
	Volume of milk collected? / Teat?	N/A
	Person collecting milk?	N/A
	Urine? stored?	No
	Fecal? stored?	No
	Skin? stored?	No
	Cookie?	Genetic Tube taken

MONITORING	Heartrate: Stethoscope
	Temperature: Nasal
	Respiratory Rate? Yes

Manatee ID MSTm1201

Manatee Name: Wiley

Date: 11-12-2012

<b>FREEZE BRAND</b>	Letters/Numbers applied:	No	Applied by:		
	Location:				
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper	
*Pre-release bloods collected	1			L / R	
	2			L / R	
	3			L / R	
	Drawn by:				
	# Tubes of Blood Collected	Blue:	Red:	Purple:	
		Green:	Yellow:	Other:	
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture? No		
	PIT tagged by:	Dr. Maya Rodriguez (tagged 11-29-2012)			
	Right #	0 0 - 0 6 F 0 - 2 4 4 2			
	Left #	0 0 - 0 6 F 0 - F 2 8 C			
<b>FLAG</b>	Color and Symbol				
<b>TELEMETRY</b>	<b>TAG Type</b>	Argos-GPS / Lotek-GPS / PTT / VHF			
	Tag ID#	N/A			
	Tag / Antenna Color(s)	Tag:	Antenna:		
	VHF Frequency	164._____ MHz			
	Tag Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____	msec
	<b>BELT Number / Belt Color</b>	FWC_____ Length: _____" Color: _____			
	Belt Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____	msec
	Belt Knot / Webbing Exposed	Left / Right		_____ inches	
	CR2a Programmed Release	Y / N Date/Time: _____			
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity	
	Manufacturer	Onset		Star-Oddi	
	Logger ID Number				
	Logger Location				
	<b>TETHER Strength / Length</b>	Strength:	Length:		ft.
	Tagged by:				
<b>PHOTOGRAPHS</b>	Taken by: Dr. Maya Rodriguez	Left side, Right side, Paddle, Front, Rear, Wound			
	Exposures:				
<b>SKETCHES</b>	Sketched by:				

Comments



MSTM1201



Printer-friendly story  
Read more at [tcpalm.com](http://tcpalm.com)

## Ed Killer: Wiley's tale a cautionary one for boaters

**Almost a year after suffering serious injuries, Wiley is returned to the wild**

Staff Reports

Saturday, December 8, 2012

Chicks dig scars.

However, some scars allude to more than just a moment of ill-advised youthful adventure. Some scars have a story that hurt as much as the moment the injury was sustained.

Wiley, a 2-year-old, 600-pound manatee, has a scar like that.

His is broad and unattractive. It's a couple of inches deep in its middle and, from one angle, looks like a white, rough-hewed relief map of the Grand Canyon.

Wiley's scar was created about a year ago by the propeller of a small boat.

The boater might not have known he struck Wiley. Wiley probably never knew the strange object headed in his direction that day was something harmful. He might not know it now.

But the good news is: Wiley, if he has the ability to communicate, has lived to tell the tale. And Tuesday, if manatees could talk, Wiley would've been telling any other manatee that would listen the story of his most recent adventure.

Moments after being released back into Willoughby Creek in eastern Martin County, he wasted no time getting reacquainted with his old gang. Or maybe it was a new gang. Either way, it was a gang of manatees. And for him, just being back in the water at all was something to be happy about.

Wiley is a survivor. Just like humans, he probably didn't want to be one. He'd rather have lived a life unencumbered by trauma, loss, complication and stress. But that's not his story now.

Now, his story involves a harrowing event in his young life.

It involves a good Samaritan who saw his injuries and reported them to the Florida Fish and Wildlife Conservation Commission. And a team of rescuers from the FWC's Wildlife and Research Institute who gathered him from the water at Willoughby Creek on Jan. 17. And a team of marine mammal veterinarians at Miami Seaquarium who nursed him back to health.

And, finally, a large group who dead-lifted him from the back of a box truck and carried him back to the sweet, tea-colored waters of the quiet creek.

The whole scenario was uplifting for new residents, Lisa and Shaughn Reid of California. After crisscrossing the country on an adventure of their own, they landed in Stuart in the neighborhood adjacent to Willoughby Creek.

"Every morning, I go outside and count the humps in the creek," said Lisa Reid, referring to her daily manatee counts.

Reid and her husband decided they didn't much care for the name, Wiley, so they renamed the manatee Happy Pants McGee.

FWC spokesperson Carli Segelson explained that the name Wiley was chosen by the staff at Miami Seaquarium. The FWC and FWRI do not assign names to rescued wildlife, to maintain the agency's scientific objectivity. FWC records refer to Wiley as manatee RSE1201.

Shaughn Reid said he loves the area and can't wait to get a boat of his own. It's the dream of many Floridians, but, ultimately, it changed Wiley's life forever.

Wiley's gashes were more than skin deep. They penetrated the muscle of his back, exposed his vertebrae and partially punctured both lungs. Sadly, Wiley, probably a precocious, slow-moving youngster, glided along an area of a local waterway where there was boat traffic. Inadvertently, he drifted into the path of a vessel that was busily going from Point A to Point B.

His injuries were severe enough that he likely would not have survived much longer.

Eight other Treasure Coast manatees, much like Wiley, were not so lucky. A total of 20 manatees have perished in Treasure Coast waters in 2012, and eight of those were deemed by the FWC to be watercraft-related.

Manatees thrive in Florida's coastal waters. Waterways are marked with thorough protections for manatees, delineated by seasons and geography.

Still, for a boater to avoid a manatee collision, he or she must be conscientious.

That's a big word that, in the age of Twitter and texting, is going the way of the dinosaur. But conscientious boating can lead to a much more rewarding experience on

the water.

Before heading out onto a local waterway, learn where the manatee speed zones are. Learn how to read the on-the-water markers that border a manatee zone. And most of all, obey the laws on the water, not just for Wiley's sake, but for the sake of everyone on board.

### **SEE THE RELEASE**

To see a photo gallery of Wiley's release, visit [www.TCPalm.com](http://www.TCPalm.com).

### **INJURED MANATEE?**

Report injured manatees by calling 1-888-404-FWCC (3922) or from a cell phone \*FWC or #FWC. Be ready to provide location, whether the manatee is alive, its approximate size and the nearest boat ramp.

### **2012 MANATEE MORTALITY**

#### **January through November**

**Martin:** 6 overall, 3 watercraft-related

**St. Lucie:** 8 overall, 2 watercraft-related

**Indian River:** 6 overall, 3 watercraft-related

**State:** 345 overall, 79 watercraft-related

### **MORE ON MANATEES**

For more information, visit <http://myfwc.com/research/manatee>.



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# Rescue Report

RSE1204

## GENERAL:

Date of Rescue: 28 February 2012	Date of Initial Call: 28 February 2012	Filed by: L. Connor
Rescue ID#: RSE1204	Facility ID:	Other ID: MSE1218
FWC Case: N/A	Officer Name: N/A	
Sex: Female	Length: 124 cm	Estimated: No
PIT Tag Present: N	PIT Tag Applied: N	#R #L
State: FL	City: Ft. Pierce	County: St. Lucie
Latitude (Decimal Degrees): 27.52953° N		Longitude (Decimal Degrees): -80.34898° W
Locality Description: in a mosquito control restoration impoundment pond behind Harbor Branch Oceanographic Institute, approximately 160 m N of the end of Wilcox Rd		
Method of Capture: Calf was able to be maneuvered onto the stretcher by hand		

## REASON FOR RESCUE

	Watercraft
	Entanglement
	Entrapment
X	Orphan
X	Cold Stress
	Red Tide
	Other: (Specify):

## HISTORY

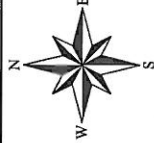
Date	Narrative
28 February 2012	At 1400 hrs, FWC-John Cassady (JDC) received a call from Harbor Branch Oceanographic Institute (HBOI)-Steve McCulloch regarding an orphaned calf they had found in a shallow back canal on HBOI's grounds. The calf was emaciated and was suffering from cold stress lesions all over its body. Steve McCulloch and Steve Burton, under instruction by JDC, were able to place the calf in a stretcher and keep it secured. At 1600 hrs, JDC and FWC-Lauren Connor (LAC) arrived at the scene and the manatee was placed into the rescue truck for transport to Miami Seaquarium. At approximately 1700 hrs, the calf began to seize and then passed away (MSE1218). JDC and LAC brought the carcass back to the Tequesta Field Station where it was placed into a cooler and covered with iced overnight.
29 February 2012	JDC met FWC MMPL-Martine deWit in Melbourne and she transported the carcass to the MMPL.

**PARTICIPANTS**

FWC SE - John Cassady, Lauren Connor HBOI - Steve McCulloch and Steve Burton
---

**PHOTOS**



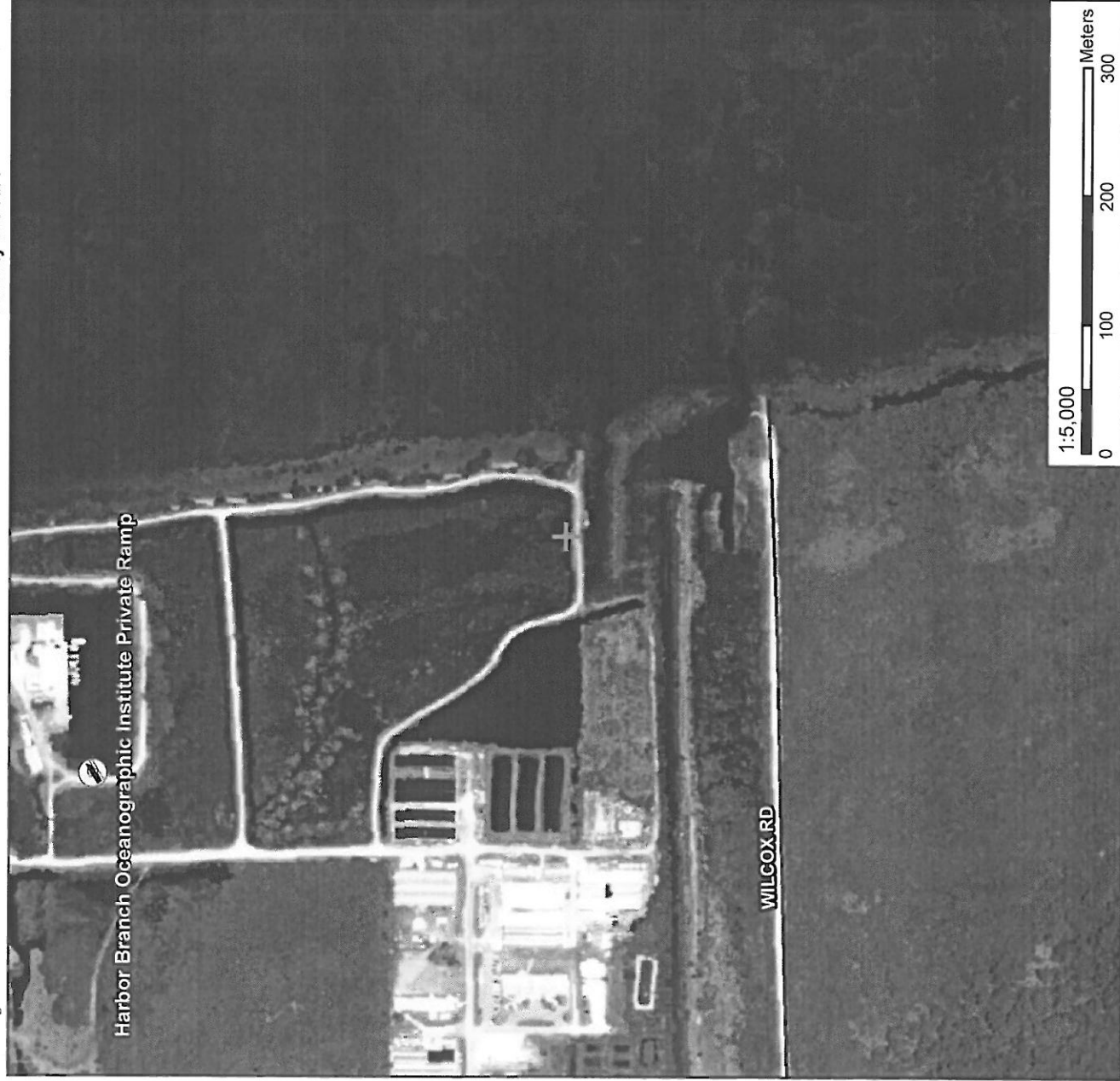


# Verified Response Location of Manatee Rescue RSE1204

Rescue Date: 2/28/2012

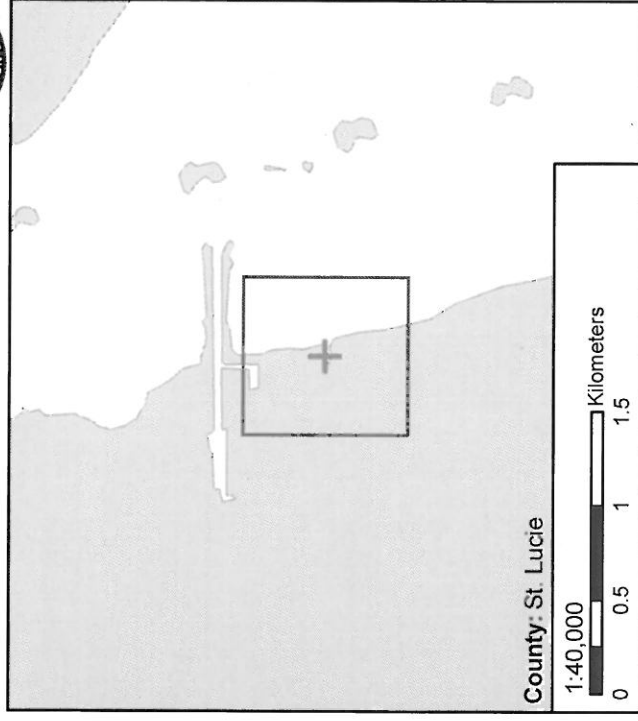
Facility ID: N/A

Map Created 5/29/2014



Harbor Branch Oceanographic Institute Private Ramp

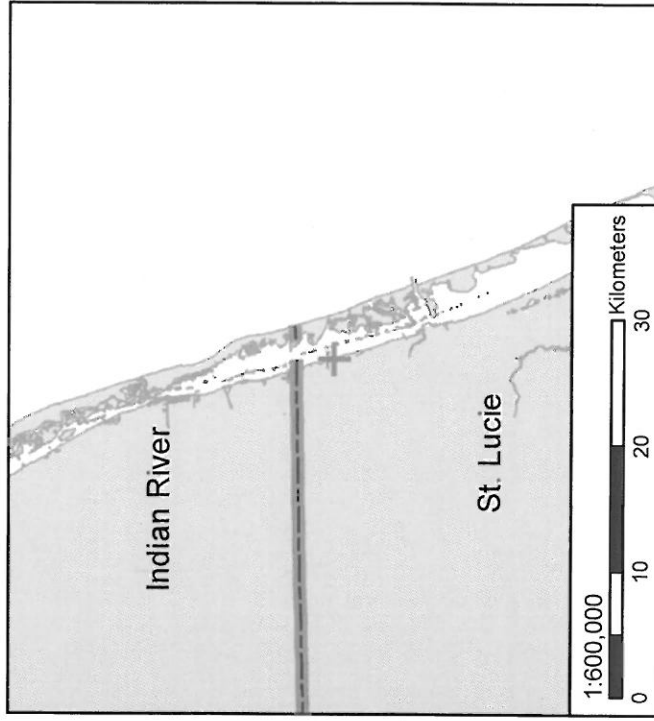
WILCOX RD



County: St. Lucie

1:40,000

0 0.5 1 1.5 Kilometers



Indian River

St. Lucie

1:600,000

0 10 20 30 Kilometers

## Locality Description:

in a mosquito control restoration impoundment pond behind Harbor Branch Oceanographic Institute, approximately 160 m N of the end of Wilcox Rd

Latitude: 27.52953°N

Longitude: -80.34898°W

**Manatee Information (MLog:1382 )**Animal ID: **RSE1204** Sex: **F** Name: Rearing: **Wild reared****-- Rescue Information****Rescue Date:** 02/28/2012 **Rescue Per Day:** 1**Rescue Type:** Brought into captivity**Primary Cause:** Natural Cold Stress**Primary Cause Text:****Secondary Cause:** Natural Orphan Calf**Secondary Cause Text:****Health Status:** Critical**Suspected Pregnant:** Animal sex is male or unknown**-- Rescue Location Information****State:** FL **County:** St. Lucie **City:** Ft. Pierce**Waterway:** Intracoastal Waterway**Latitude:** 27.529524 **Longitude:** -80.348964**Relocated, where?:****Did animal die during rescue or transport?:** Yes**-- Measurement****Weight (kg):** **Estimated Weight?:** **Date Weighed:****Length (cm):** 130 **Estimated Length?:** Yes **Date Measured:** 02/28/2012**-- Other Rescue Information****Tracker:** **Transporter:** FWC Tequesta Field Station**Facility transported to:** Miami Seaquarium**Veterinarian:** Maya Rodriguez **Organization:** FWC Tequesta Field Station

**Participating Org:** At 1400 hrs, FWC-JDC recieved a call from HBOI-Steve McCoullch regarding an orphaned, emaciated calf with bad cold stress. HBOI staff secured the calf by a stretcher in the shallow water until FWC arrived. The calf was carried in the stretcher to the truck and transported to MSQ. At 1700 hrs, the calf went into seizure and died before arrival to MSQ.

**Flood Gate:** **Pot Status:****Additional Narrative:****-- Report Information****Created By:** John Cassady **Created Date:** 03/13/2012**Updated By:** D **Updated Date:** 03/13/2012

MSE1218

**Manatee Information** (MLog:1382 )Animal ID:**RSE1204** Sex:**F** Name: Rearing:**Wild reared**

## -- Death Information -----

**Death Date:** 02/28/2012**Death Occurred?:** During Transport**Was animal euthanized?****Death Cause:** Natural Orphan Calf**Other Human-Related:** cold stress**Death Location:** During Transport

## -- Other Death Information -----

**Facility:** FMRI Marine Mammal Pathobiology Lab**Veterinarian:****Additional Narrative:**

## -- Report Information -----

**Created By:** Donna Szemer **Created Date:** 04/19/2012**Updated By:** D **Updated Date:** 04/19/2012



## Szemer, Donna

---

**From:** Garrett, Andy  
**Sent:** Wednesday, February 29, 2012 8:30 AM  
**To:** Amy Teague ; Art Yerian; Baxter, Kevin; 'Bill.Hughes@SeaWorld.com';  
Boyd\_Blihovde@fws.gov; Cathy Beck; cbeck@usgs.gov; Craig Miller;  
curator@lowryparkzoo.com; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen  
Lovewell; Jacob, Katalin; jim\_reid@usgs.gov; Jodi Tuzinski; jpowell@sea2shore.org; Knox,  
Carol; Laura Eldredge; Maya; Michael\_Lusk@fws.gov; Mick Kapustin; Mike Walsh; Mosier,  
Andrea; mrossbtl@aol.com; Nicole\_Adimey@fws.gov; Pamela Sweeney; Quigley, Wendy;  
Ray.Ball@LowryParkZoo.com; rbonde@usgs.gov; Reinert, Tom; Robert Rose;  
Robert.Wagoner@seaworld.com; sbutler@usgs.gov; Segelson, Carli;  
'Steven.Lehr@seaworld.com'; Susan.Lowe@dep.state.fl.us; Szemer, Donna; Virginia  
Edmonds; Ward, Leslie  
**Subject:** Rescue Updates

### Fort Pierce:

RSE1204 / MSE1218

A four foot cold stress manatee was rescued late yesterday afternoon from behind Harbor Branch Oceanographic Institute by the FWC-SEFL. The animal died shortly after the rescue.

### Blue Springs/St. Johns River:

Jessica (mono flipper entanglement) was tagged on Monday in Blue Springs. Staff from FWC-ECFL, SEFL, and NEFL are attempting to capture her and her calf today. Maya has agreed to attempt a treatment in the field after the capture. If possible, Jessica will be treated and released on site. Otherwise, she will be take with her calf to MSQ.

### Crystal River:

CC Baby has found her way up a shallow water creek in the Crystal River area. The creek is only accessible by airboat and the feeling is that she will not be able to get out on her own. A rescue team from Crystal River NWR, FWC and S2S will attempt to capture her and ferry her out to deeper water on an inflatable boat. I'm sure S2S will have more information for you in their tagged animal updates.

-Andy

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MSE1218  
Date of Report: 2012-Feb-28  
Filed By: FWC MMPL

FWC Case # FWC Region: SO

Sex: Female Length: 124 cm Weight: 42.0 kg

DATE REPORTED: 2012-Feb-28 By: HBOI to FWC-JDC  
DATE COLLECTED: 2012-Feb-28 By: FWC-JDC MMPL-MdW  
DATE NECROPSIED: 2012-Mar-02 By: MMPL-MdW,AJG,BLB,TJG

LOCATION: State: FL Latitude: 27.52954 N  
County: St. Lucie Longitude: -80.34892 W  
Waterway: Indian River

Locality description: Ft. Pierce, in a mosquito control restoration impoundment pond behind Harbor Branch Oceanographic Institute, approximately 160 m N of the end of Wilcox Rd.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Perinatal (<= 150 cm)

EXPLAIN: Natural: Cold Stress; Thickened epidermis; Cold stress lesions; Dry, hard feces; Emaciated; Depleted fats; Serosus fats; Firm, discolored, micro-abscesses lungs; Discolored small intestine-, cecum mucosa; Congested mesenteries, meninges; Leaves in mouth.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Fluke, Internal, Other (lesions).

## MATERIALS COLLECTED:

Genetics, ELISA toxicology samples, Archive toxicology samples, Histology. larynx for Grossman, feces for C. Ellis.

DISPOSITION OF MATERIAL: FWC MMPL.

## ADDITIONAL DATA:

Rescue report.

## REMARKS:

PIT tag scan negative. Umbilical arteries were closed. Plastic in cecum. Rib count-17 both sides. See rescue report RNE1204. Died during transport. Small cysts in kidneys.

Page 1&2	08 Nov 2013
Necropsy Report	08 Nov 2013
Lat/Long	08 Nov 2013

# Rescue Report

RSE1206

Asst 4 RSC

Updated  
12/31/12  
255

Entrapment  
Water Control

## GENERAL:

Date of Rescue: 3 July 2012 Date of Initial Call: 2 July 2012 Filed by: L. Connor  
Rescue ID#: RSE1206 Facility ID: Other ID:  
FWC Case: 4701 Officer Name:  
Sex: Male Length: 307 cm Estimated: No  
PIT Tag Present: N PIT Tag Applied: Y #R 00-0672-10FA #L 00-0671-C6CA  
LOCATION:  
State: FL City: Loxahatchee County: Palm Beach Waterway: SFWMD Canal  
Latitude (Decimal Degrees): 26.65769° N Longitude (Decimal Degrees): - 80.41302° W  
Locality Description: South Florida Water Management District canal at the G255 Structure, approximately 3.75km SW of  
Connors Hwy and CR-880 intersection  
Method of Capture: Land Set Net

## REASON FOR RESCUE

	Watercraft
	Entanglement
X	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

## Entrapment-Human Related

Describe: Manatee was able to get through several water control structures within the SFWMD WCA1 area until it became entrapped behind the G255 structure

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

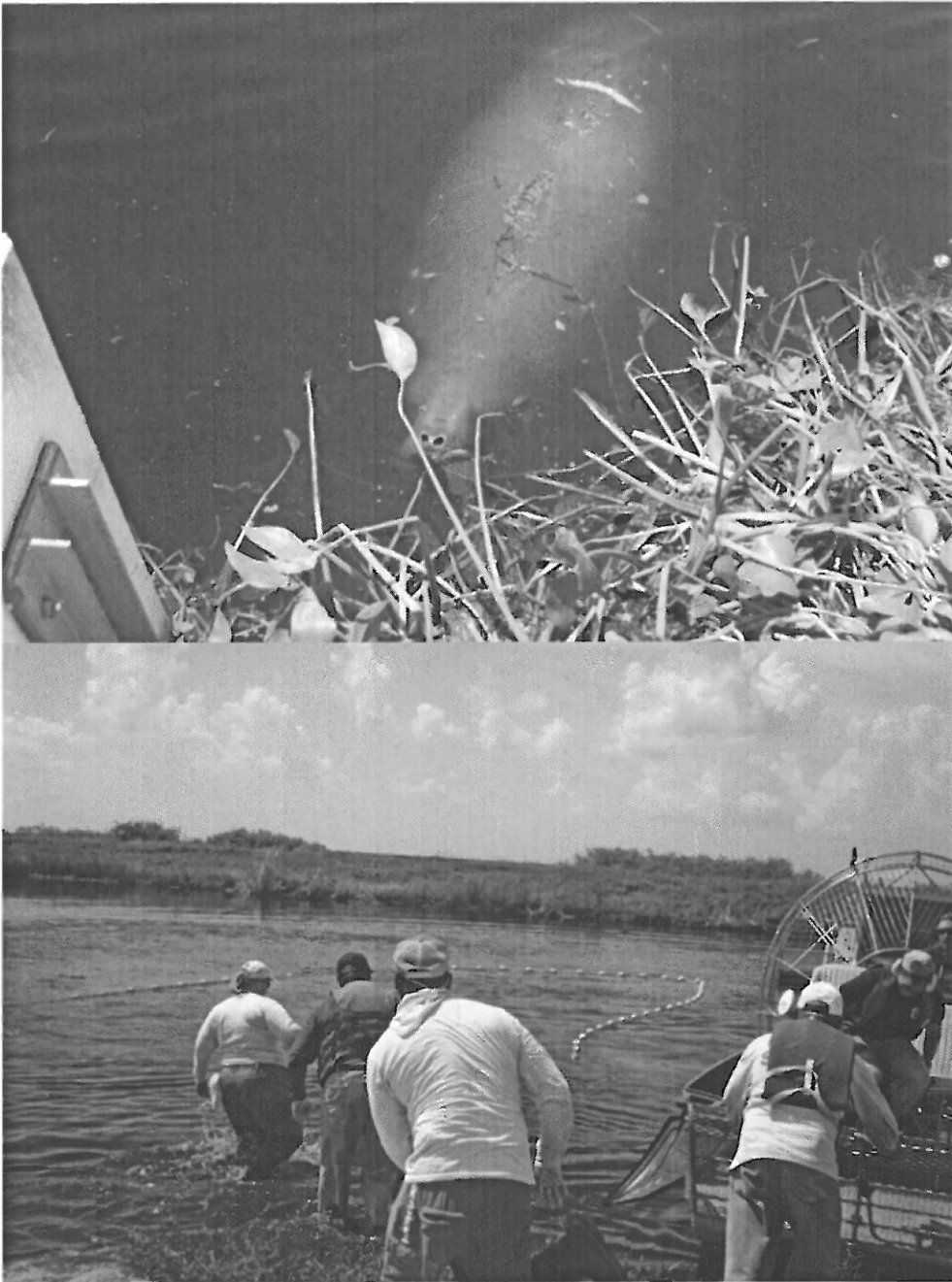
**HISTORY**

Date	Narrative
2 July 2012	<p>At 0903 hrs, FWC-John Cassady (JDC) received a text alert from FWC SO Dispatch- Palm Beach regarding an entrapped manatee in a South Florida Water Management District Canal, Loxahatchee, Palm Beach County. FWC case number 4701 was assigned. SFWMD's Brian Garrett and Eric Crawford were working at the G-255 structure and kept watch on the manatee. At 1100 hrs, JDC contacted FWC-Andy Garrett to inform him of the situation and possible rescue. At 1130 hrs, FWC- JDC arrived on scene. The manatee had swum through several water control structures within the SFWMD WCA1 and was entrapped in a dead end canal behind structure G-255. At 1330 hrs, FWC-Tom Reinert (TRR), Katie Bullard (KSB), Lauren Connor (LAC), and Intern-Katie Kraska (KVK) arrived with the rescue truck and the land set nets. Due to the low water depth, a SFWMD air boat was used to set the land based net, closing the canal, but the manatee had already escaped. Several resets were attempted once the manatee returned, but all were unsuccessful. JDC called off the rescue at 1700 hrs and plans were made to come back in the morning with the longer net and the rescue boat.</p>
3 July 2012	<p>At 0730 hrs, SFWMD's Brian Garrett reported to JDC that the manatee was back in the same area of the canal. JDC arrived on scene by 0830 hrs to watch the manatee while TRR, KSB, LAC, and Intern-KVK transported the equipment, arriving at 0930 hrs. Using the airboat, a net was deployed across the canal to close off any potential escape path. The net was secured with rebar into the muddy banks. The airboat then set the SEFL rescue boat net around the manatee, and all staff and volunteers pulled the manatee up to the boat ramp. The manatee was loaded into the rescue van by 1200 hrs, and transported to the private boat ramp located within the Riverwalk development off the C-18 canal in Jupiter. PIT-tags were applied, measurements and photos were taken, and the manatee was released by 1400 hrs.</p>

**PARTICIPANTS**

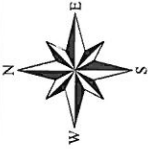
**FWC SE:** Tom Reinert, John Cassady, Katie Bullard, Lauren Connor, Intern- Katie Kraska,  
**SFWMD:** Brian Garrett, Eric Crawford, Nathan Ralph, Tony Griffin, Robert Shuford, Matthew Powers, Michael Tompkins, Kim Hanes  
**AVC (SFWMD contractors):** Linda Defee, Ismael Gerena, John Brown

PHOTOS







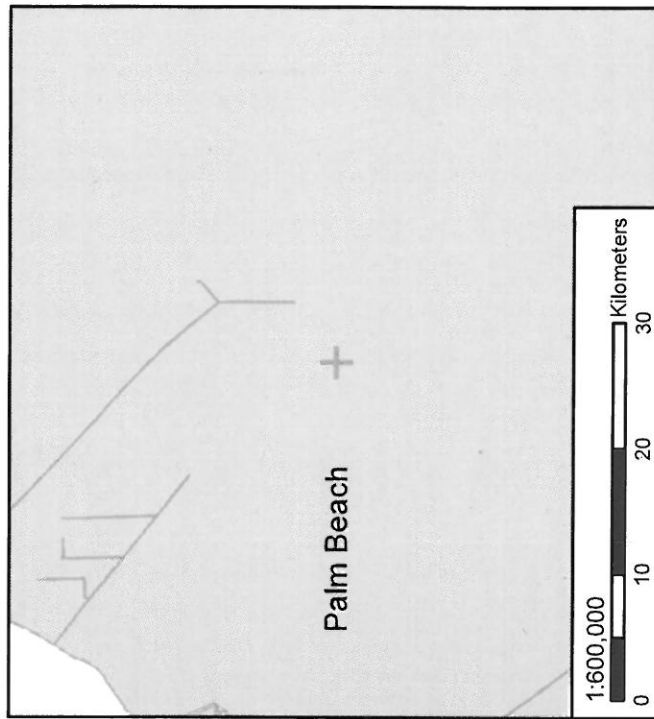
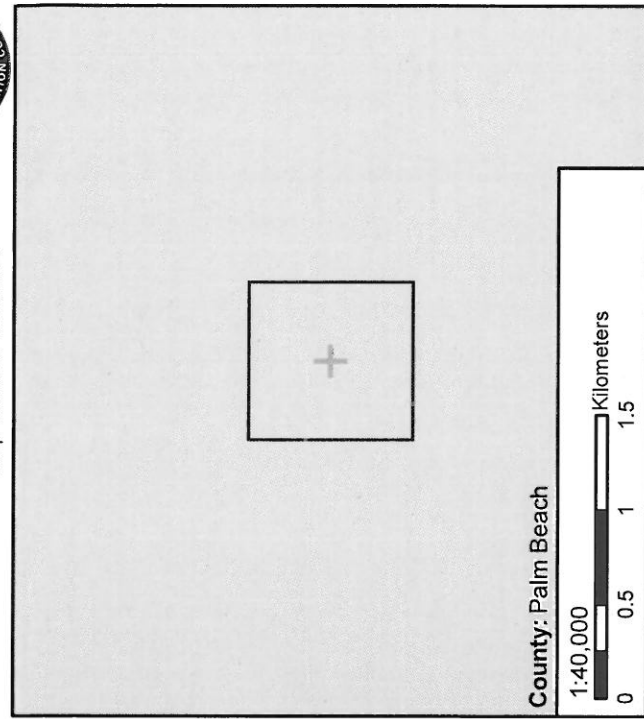


# Verified Response Location of Manatee Rescue RSE1206

Rescue Date: 7/3/2012

Facility ID: N/A

Map Created 4/22/2014



## Locality Description:

South Florida Water Management District canal at the G255 Structure, approximately 3.75km SW of Connors Hwy and CR-880 intersection

Latitude: 26.65769°N

Longitude: -80.41302°W

Asst. & Rel

Entrapment  
Water Control

**Szemer, Donna**

**From:** Garrett, Andy  
**Sent:** Tuesday, July 03, 2012 2:43 PM  
**To:** Amy Teague; Art Yerian; Baxter, Kevin; Bill Hughes; Boyd Blihovde; Buddy Powell; Knox, Carol; Cathy Beck; Courtney Edwards; Craig Miller; Craig Pelton; deWit, Martine; Emma Jugovich; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Grunwald, Robin; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Maya; Mezich, Ron; Michael Boos; Michael Lusk; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Quigley, Wendy; Ray Ball; Reinert, Tom; Robert Bonde; Robert Rose; Robert Wagoner; Ruth Francis-Floyd; Segelson, Carli; Stefanie Barrett; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Virginia Edmonds; Ward, Leslie  
**Subject:** Rescue Update

**Lox NWR:**

The FWC-SEFL was able to capture a 10 ft manatee in the STA1W and relocate it to Jupiter. - RSE/206

**Pine Lake on Pine Island (attached to Merritt Island):**

A report was received by FWC-ECFL that one of the manatees in Pine Lake was able to climb over the weir. Staff are unsure how long the water level will be high enough for the remaining manatees to go over the weir. The current plan is to wait and monitor the water level until they feel the manatees are completely entrapped and at that time decide the best course of action.

---

**From:** Garrett, Andy  
**Sent:** Tuesday, July 03, 2012 8:42 AM  
**To:** 'Amy Teague'; 'Art Yerian'; Baxter, Kevin; 'Bill Hughes'; 'Boyd Blihovde'; 'Buddy Powell'; 'Carol Knox'; 'Cathy Beck'; 'Courtney Edwards'; 'Craig Miller'; 'Craig Pelton'; deWit, Martine; 'Emma Jugovich'; Frisch, Katherine; 'Georgia Zern'; 'Gretchen Lovewell'; Grunwald, Robin; 'Jim Reid'; 'Jim Valade'; 'Jodi Tuziniski'; 'Katie Tripp'; 'Laura Eldridge'; 'Leeann Rottman'; 'Lowry Park Zoo Florida Mammals'; 'Maya'; Mezich, Ron; 'Michael Boos'; 'Michael Lusk'; 'Mike Walsh'; 'Monica Ross'; Mosier, Andrea; 'Nick Kapustin'; 'Nicole Adimey'; 'pamela Sweeney'; 'Pat Rose'; Quigley, Wendy; 'Ray Ball'; Reinert, Tom; 'Robert Bonde'; 'Robert Rose'; 'Robert Wagoner'; 'Ruth Francis-Floyd'; Segelson, Carli; 'Stefanie Barrett'; 'Steve Lehr'; 'Susan Butler'; 'Susan Lowe'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie  
**Subject:**

All,

Sorry for the lack of updates over the past week, but we have been very busy dealing with TS Debby's aftermath.

**Oldsmar (Tampa Bay):**

Last Thursday the FWC-MMPL and Clearwater Aquarium responded to a call from the Oldsmar wastewater treatment plant that staff had seen a manatee inside a retention pond system and thought that it was landlocked. The response team confirmed that two manatees were in the system and had gained access over a spillway during TS Debby. The team was able to capture and release one 208 cm manatee, but were unable to capture the second manatee. The team will try again on Thursday morning for the second manatee.

**Lake Tarpon:**



On Thursday last week, the FWC-MMPL received a report from a fisherman in Lake Tarpon who reported seeing 2-3 manatees. Normally Lake Tarpon is landlocked, but after confirming with the Southwest Florida Water Management District, we were told that the water control structures were wide open for several days during TS Debby. Last Friday, a capture team using airplane assistance (Kat), was able to capture a large (most likely pregnant) manatee and relocate it to Spring Bayou. The airplane also reported a cow-calf pair in front of the structure later in the day. The capture team contacted the water management district to open the gate, which they did. Shortly after the gate was opened, the airplane observed several manatees downstream moving upstream so the gate was closed again. Yesterday, the capture team was out again and were able to capture the calf, but not the cow. The calf was a robust 215 cm female. After several hours of trying to catch the cow, who lingered in the general area, the capture team decided to relocate the calf outside the Lake at the Veterans' Park boat ramp. A airplane has been scheduled for next Tuesday to attempt a capture of the last confirmed manatee.

#### **Port of the Islands:**

On Thursday last week, the FWC-SWFL received a report from the USFWS that two manatees were seen upstream of the spillway at the Faka Union Canal. A capture team from the SWFL and SEFL responded and attempted to catch the manatees without success. The SWFL is evaluating when the next attempt will be made.

#### **Pine Lake on Pine Island (attached to Merritt Island):**

(From Christie Rush) I received a call from the county today regarding 2 trapped manatees in Pine Lake on Pine Island (attached to Merritt Island). Recently, there was a weir installed and due to the high water after Tropical Storm Debbie, a few manatees swam into the lake. Jackie and I met with county staff since there is currently construction going on. The Google Earth image I just sent out is not what it looks like now, but it is close. The lake now has little islands of cattails, and lots of gators. Jackie and I drove around the lake slowly, and we finally spotted something. I launched the kayak and came across at least 4 manatees. Whether or not the original 2 were part of this group is unknown. Currently, if a manatee really wanted to still get into the lake, they could. There are still a ton of details we need from the project manager who is getting information from the engineers tonight. FWC law enforcement has agreed to fly us over the area tomorrow to get an accurate picture of how many manatees are in there as well as how the landscape has changed with the current construction. There is not a great place to launch a boat, but we'll take a closer look at the topography tomorrow. I'll keep you all posted.

#### **Lox NWR:**

Yesterday, the FWC-SEFL attempted to catch a manatee located in a 2 mi stretch of the STA1W (Lox NWR). This canal section is part of a larger system that has many structures. The team was unsuccessful in catching the manatee, but is attempting another capture today. - RSE1206

-Andy

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## Manatee rescued in remote area of Everglades

July 5, 2012 | By David Flesher, Sun Sentinel

A team of wildlife rescuers headed into a remote section of the Everglades this week and saved a manatee trapped very, very far from home.

The 1,100-pound marine mammal evaded at least three flood-control gates and ended up stuck in western Palm Beach County in a two-mile canal, blocked at both ends, placidly bobbing in the water with the alligators, wading birds and other creatures that belonged there.

Recommend 11

11



Download



This manatee found its way into the Everglades, got trapped and was successfully... (South Florida Water Management...)

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Save the Manatee Club

Cold kills record number of manatees

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Injured manatee rescued in Boynton Beach  
February 3, 2011

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June 27, 1991

Manatee's Head Crushed By Gate  
November 8, 1985

Dead Manatee Discovered  
June 14, 1991

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"There was nothing wrong with him except he was in the wrong place," said rescuer Tom Reinert, research administrator with the Florida Fish and Wildlife Conservation Commission. "They're not supposed to be there. All the canals leading to that area are supposed to be inaccessible to manatees."

The manatee, which may have made it past the gates because of the heavy rains and high water of the past few weeks, was in no immediate danger. Even alligators would not consider this giant marine dirigible appropriate prey. But in winter, he would have no way to reach warm water and faced dying from cold stress, Reinert said. And there was a risk he could get crushed by flood control gates if he tried to make it past them again.

Workers from the South Florida Water Management District, which operates the canals and flood-control structures, reported the trapped manatee, a rare but not unprecedented event.

A team of more than a dozen workers from the water district and wildlife agency brought a giant net to the canal and tried to capture him. But the manatee struggled out of the net and disappeared into the murky water.

"It's very difficult to find and catch a manatee out there," Reinert said.

They returned the next day with two nets, using one to block his escape and the other to snare him. Up he went into a truck specially equipped for transporting marine mammals, with a lift gate that can handle 3,000 pounds, foam pads and climate controlled interior.

They checked the 10-foot manatee's health — excellent — implanted a microchip to keep track of him and brought him to a canal in Jupiter, close to the ocean but set back enough to be free of the heavy boat traffic.

He struggled a bit as they brought him toward the water, but the release went without problems, Reinert said. "He just swam off into the canal, took a breath and we lost sight of him."

dflesher@tribune.com, 954-356-4535

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August 3, 2012

HUFFPOST MIAMI

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## Manatee Lost In Everglades Rescued, Returned To Habitat (PHOTOS)

Posted: 07/06/2012 1:40 pm Updated: 07/06/2012 1:40 pm

Staff from the South Florida Water Management District got a surprise while out monitoring the Everglades: a lost manatee.

The sea cow was happily swimming in a canal normally home only to alligators, Randy Smith, media relations for the district, told HuffPost Miami.

Smith said it took two days to get the manatee captured in the net, as it was difficult to spot him in the murky water of the Everglades. But with help from the Florida Fish and Wildlife Conservation Commission, the two groups managed to capture and move the manatee to a more suitable habitat near the Loxahatchee River in Palm Beach County.

"There was nothing wrong with him, except he was in the wrong place," research administrator Tom Reinert told the *Sun Sentinel*. "They're not supposed to be there. All the canals leading to that area are supposed to be inaccessible to manatees."

Staff suspect that recent heavy rains helped the 1,100-pound manatee swim past flood-control gates, according to the *Sun-Sentinel* report.

Manatees have been quite exploratory lately. In May, a [pod surprised Fort Lauderdale beach goers](#) when they swam with the crowd along the shoreline.

See photos from the rescue:



## Szemer, Donna

---

**From:** deWit, Martine  
**Sent:** Friday, August 10, 2012 2:13 PM  
**To:** Szemer, Donna  
**Subject:** FW: S-37A Manatee Mortality Necropsy, STA-1W manatee pathway into STA & How Is the latest rescue doing?  
**Attachments:** Mystery of the STA-1W Manatee (2).pptx

RSE1206 info

---

**From:** Reinert, Tom  
**Sent:** Friday, August 10, 2012 1:14 PM  
**To:** deWit, Martine  
**Cc:** Cassady, John; Bullard, Katherine  
**Subject:** FW: S-37A Manatee Mortality Necropsy, STA-1W manatee pathway into STA & How Is the latest rescue doing?

Martine,

Attached is a ppt prepared by SFWMD staff that details the likely path the manatee took to get to Lox NWR. They concluded the only time a manatee could have bypassed the initial structure was in Oct 2011, thus probably not a result of TS Debby, at least initially. High water in mid to late June (possibly a result of TS Debby) that caused gate openings may have allowed the manatee further access into the area to its eventual capture location.

Tom

---

**From:** Garrett, Brian [<mailto:bgarret@sfwmd.gov>]  
**Sent:** Friday, July 20, 2012 3:40 PM  
**To:** Reinert, Tom  
**Subject:** S-37A Manatee Mortality Necropsy, STA-1W manatee pathway into STA & How Is the latest rescue doing?

Hey Tom:

So, I'm finally getting to work on the report S-37A structure operations data. Do you know if a draft necropsy report has been prepared for this manatee mortality yet? If so, could you send a copy of it my way. It'll help as I'm sifting through the gate data.

I've attached a PPT presentation that show how I think the manatee may have gotten into STA-1W. It may have come through a structure (G-56) previously believed to be inaccessible. The real question is if the manatee could have come through the S-39 structure into the refuge. You guys can give me feedback on whether or not you think my hypothesized pathway into STA-1W is truly feasible for a manatee that was as large as the one we relocated out of STA-1W.

Finally, are there any updates on the Kissimmee river rescue this week? I've heard bits and pieces through the grapevine, like it was a female and that three other males were spotted with her.

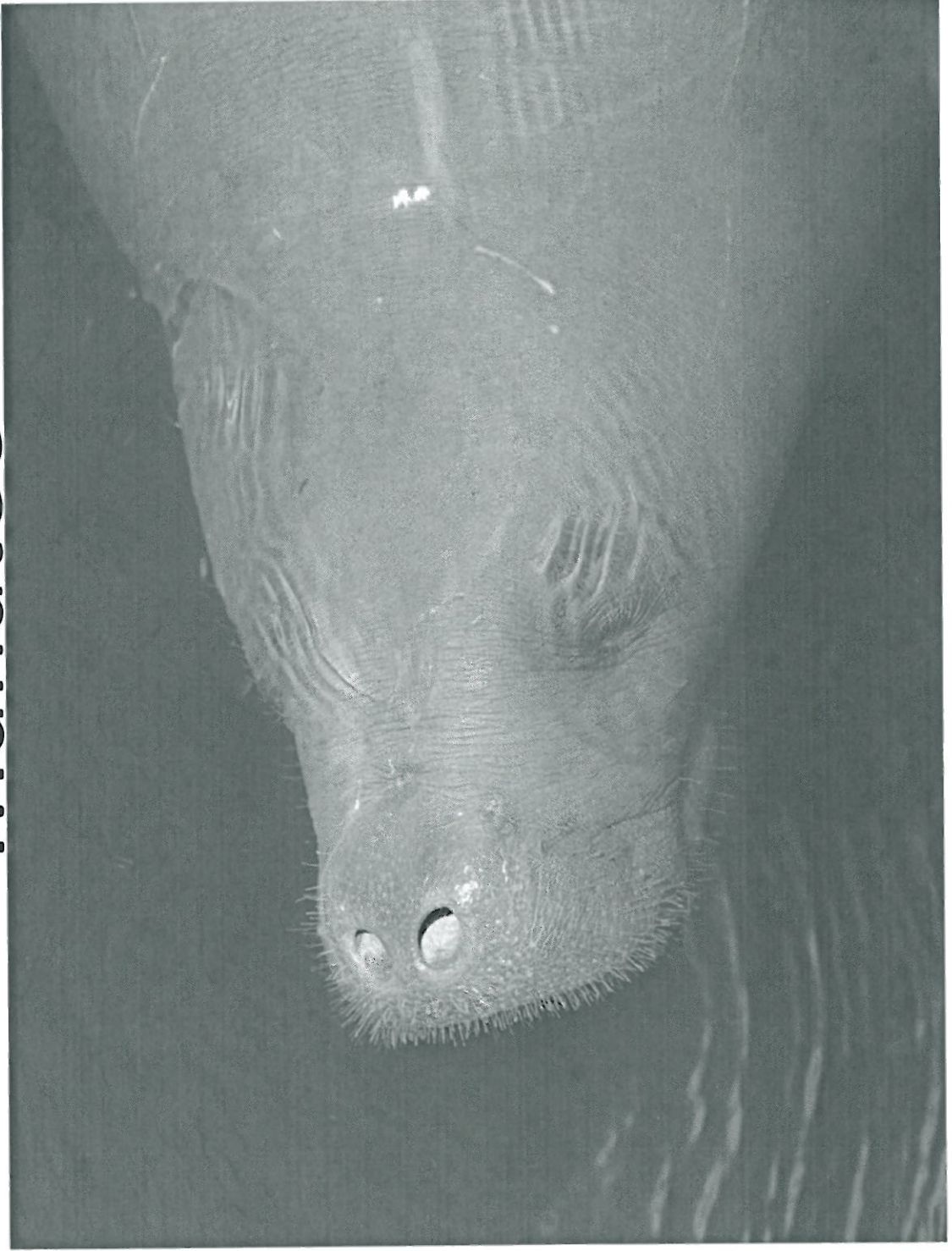
-Brian

**BRIAN GARRETT**  
O&M WILDLIFE COORDINATOR  
LAND STEWARDSHIP SECTION  
SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
OFFICE: (561) 682-6653  
CELL: (561) 601-2407  
FAX: (561) 682-5391

[bgarret@sfwmd.gov](mailto:bgarret@sfwmd.gov)

We value your opinion. Please take a few minutes to share your comments on the service you received from the District by clicking on this [link](#).

# Mystery of the STA-1W Manatee



RSE1206



Most Likely Manatee Pathway  
into STA-1W in Orange

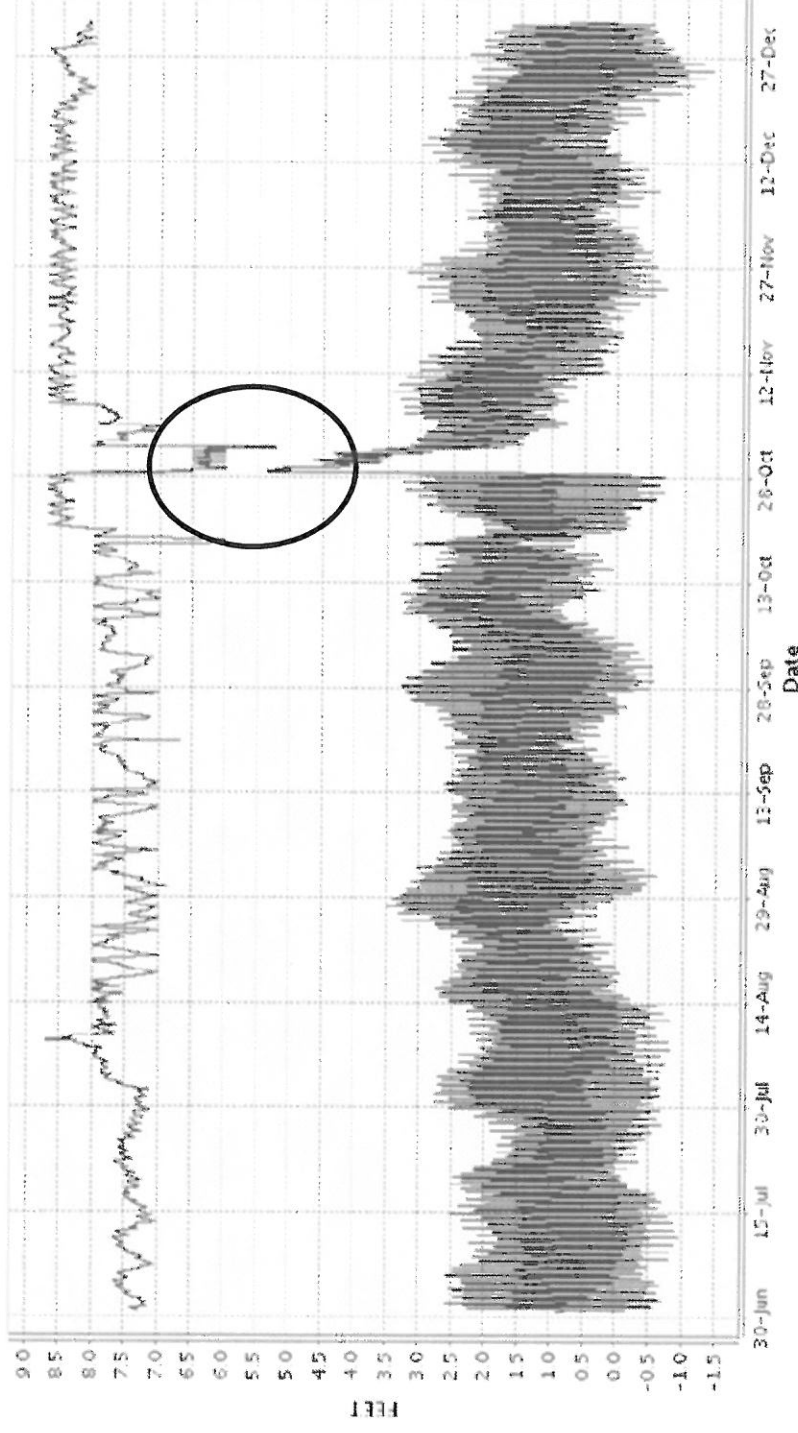




# G-56 (Last Half of 2011)

The G-56 has been listed as inaccessible to manatees due to the large differential in head and tail water. I took a look at the stage data anyway and noted this abnormality that occurred in late-2011.

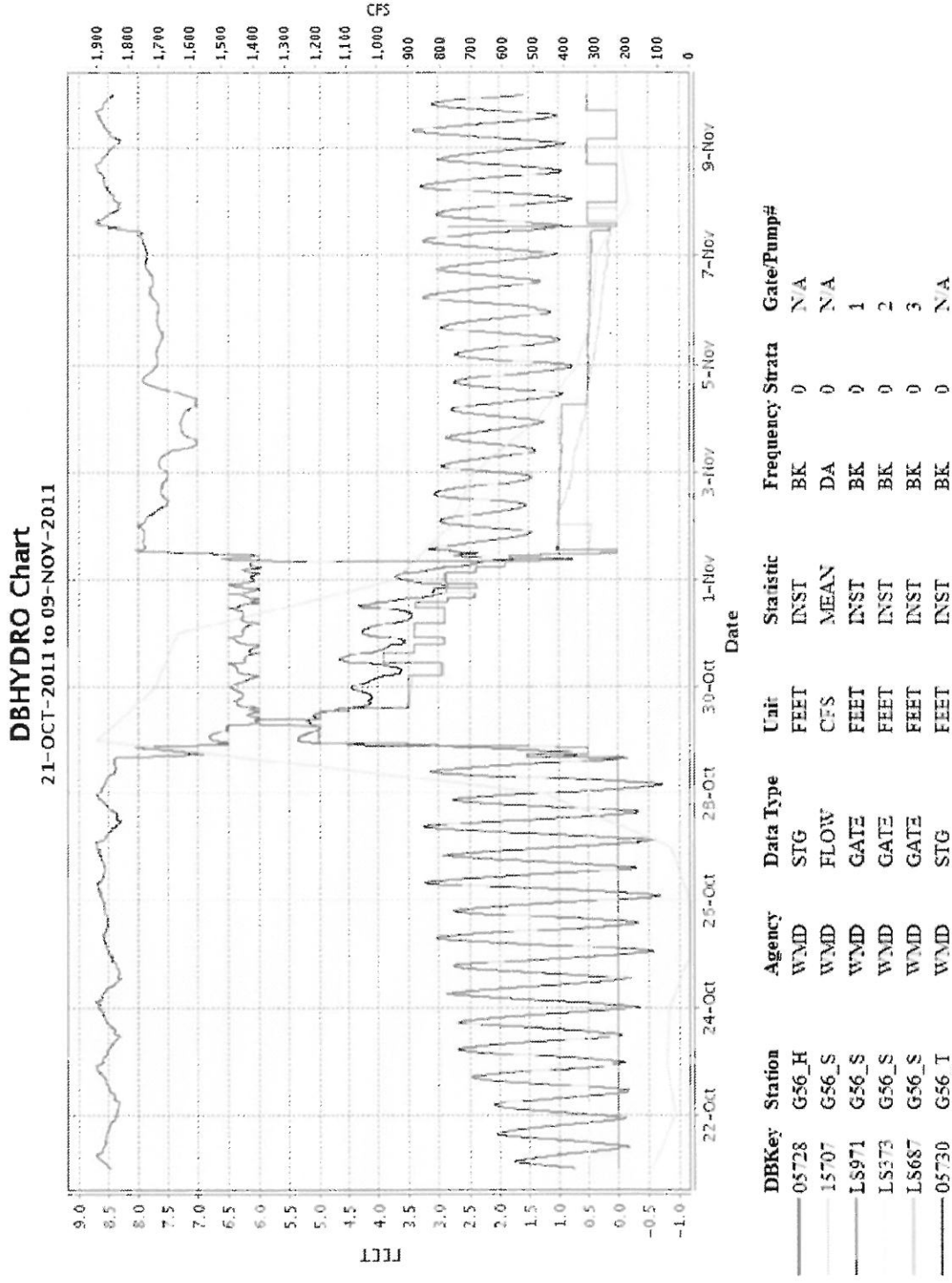
**DBHYDRO Chart**  
01-JUL-2011 to 31-DEC-2011



DBKey	Station	Agency	Data Type	Unit	Statistic	Frequency	Strata	Gate Pump#
05728	G56_H	WMD	STG	FEET	INST	BK	0	NA
05730	G56_I	WMD	STG	FEET	INST	BK	0	NA

Kathy Collins and I reviewed the data and she calculated that on November 1<sup>st</sup> water velocities fell to about 4 ft/second (~3 mph). That was likely slow enough for a large manatee to pass through this structure. Gates were open at about 2 feet, 3 feet, and 5 feet for a short period of time. There was no other period of time the manatee could have entered at this point during the past two years.

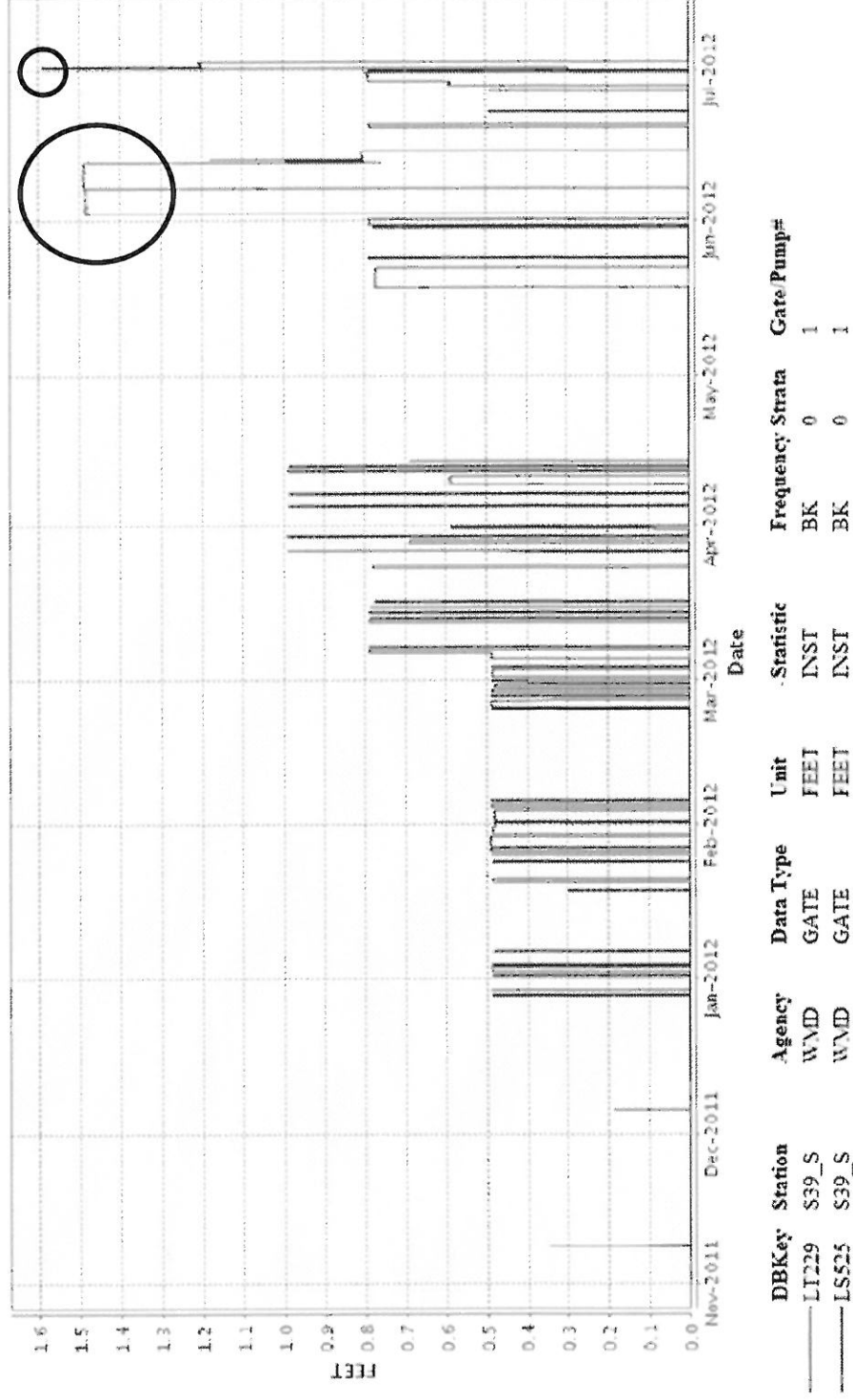
# G-56 (Oct 22nd to Nov 9th)



# S-39 (Nov 2011 to July 2012)

So, it looks like our manatee could have entered into the Hillsboro Canal on November 1<sup>st</sup>, 2011 through the G-56 structure. If so, he likely swam around in the Hillsboro Canal until June of 2012. This manatee needed an approximate 1.5-ft opening to travel into the Loxahatchee Refuge (WCA-1) and it appears he got it via the S-39 during June of 2012.

**DBHYDRO Chart**  
01-NOV-2011 to 10-JUL-2012

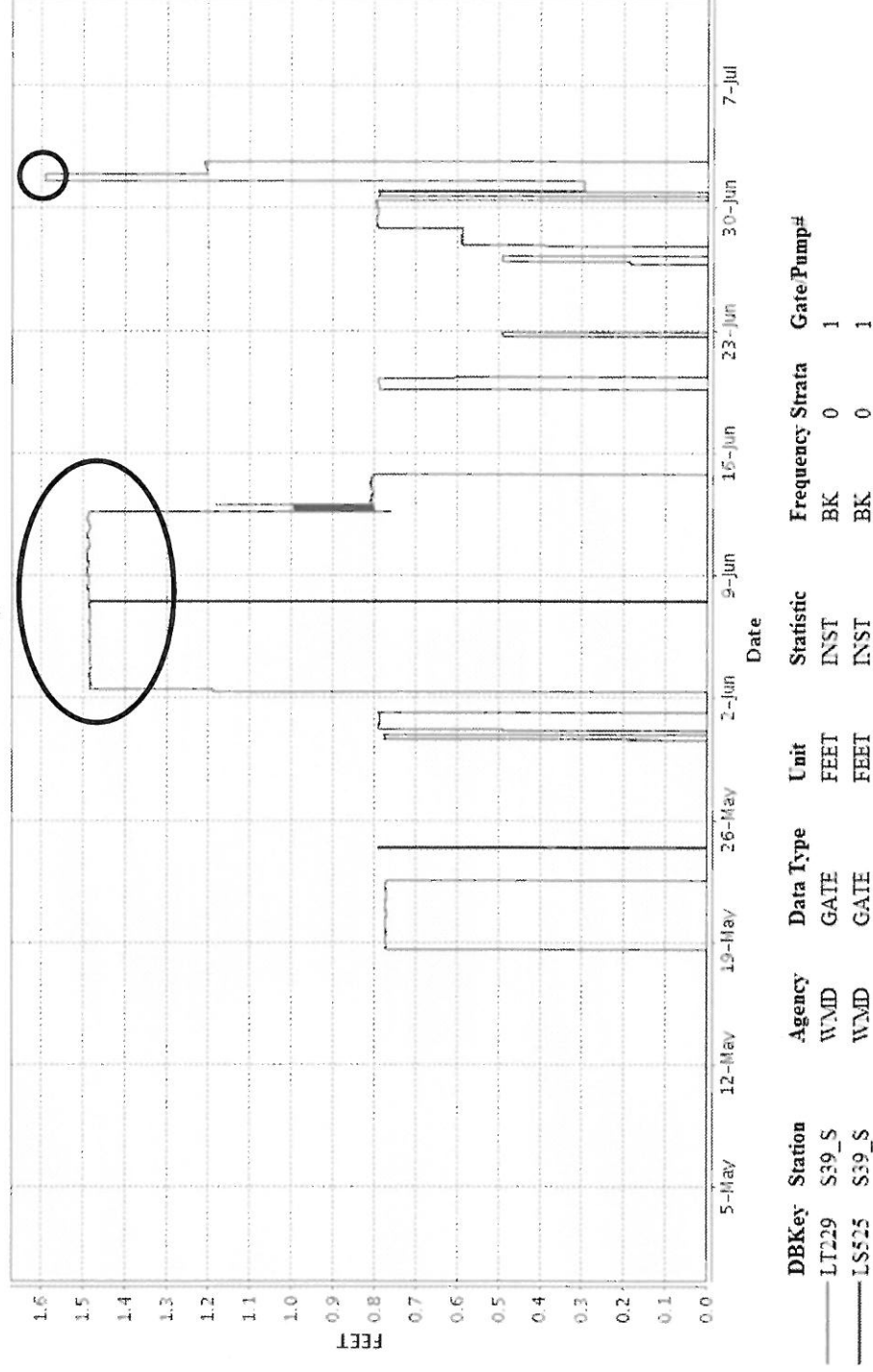


# S-39 (May to July 2012)

It looks like June 2<sup>nd</sup> to June 16<sup>th</sup> was the most likely period for the manatee to have traveled into the Refuge.

The opening was barely large enough for the manatee to pass through the S-39. Water was flowing about 12 mph through the S-39 structure, but manatees have been known to swim as fast as 14 mph for short burst, so it was feasible he came through here.

DBHYDRO Chart  
01-MAY-2012 to 10-JUL-2012



# Most Likely Manatee Pathway into STA-1W in Orange



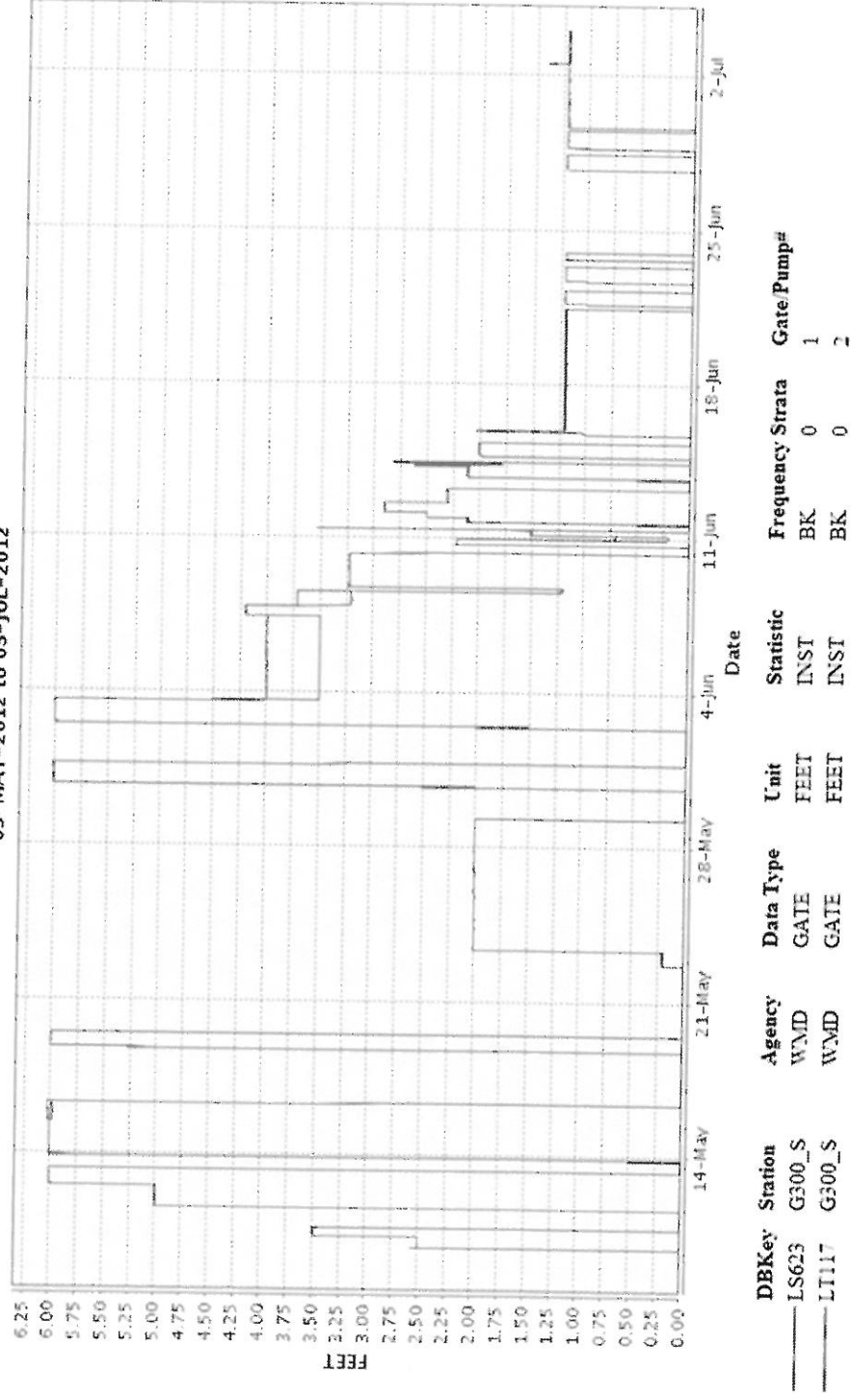


# G-300 (May to July 2012)

The G-300 gates were open for a very limited number of days during 2012. The manatee would have needed to pass through the G-300 gates by June 16<sup>th</sup> or June 17<sup>th</sup>. I think the gate opening after that point would have been too small and difficult for him to pass through.

**DBHYDRO Chart**

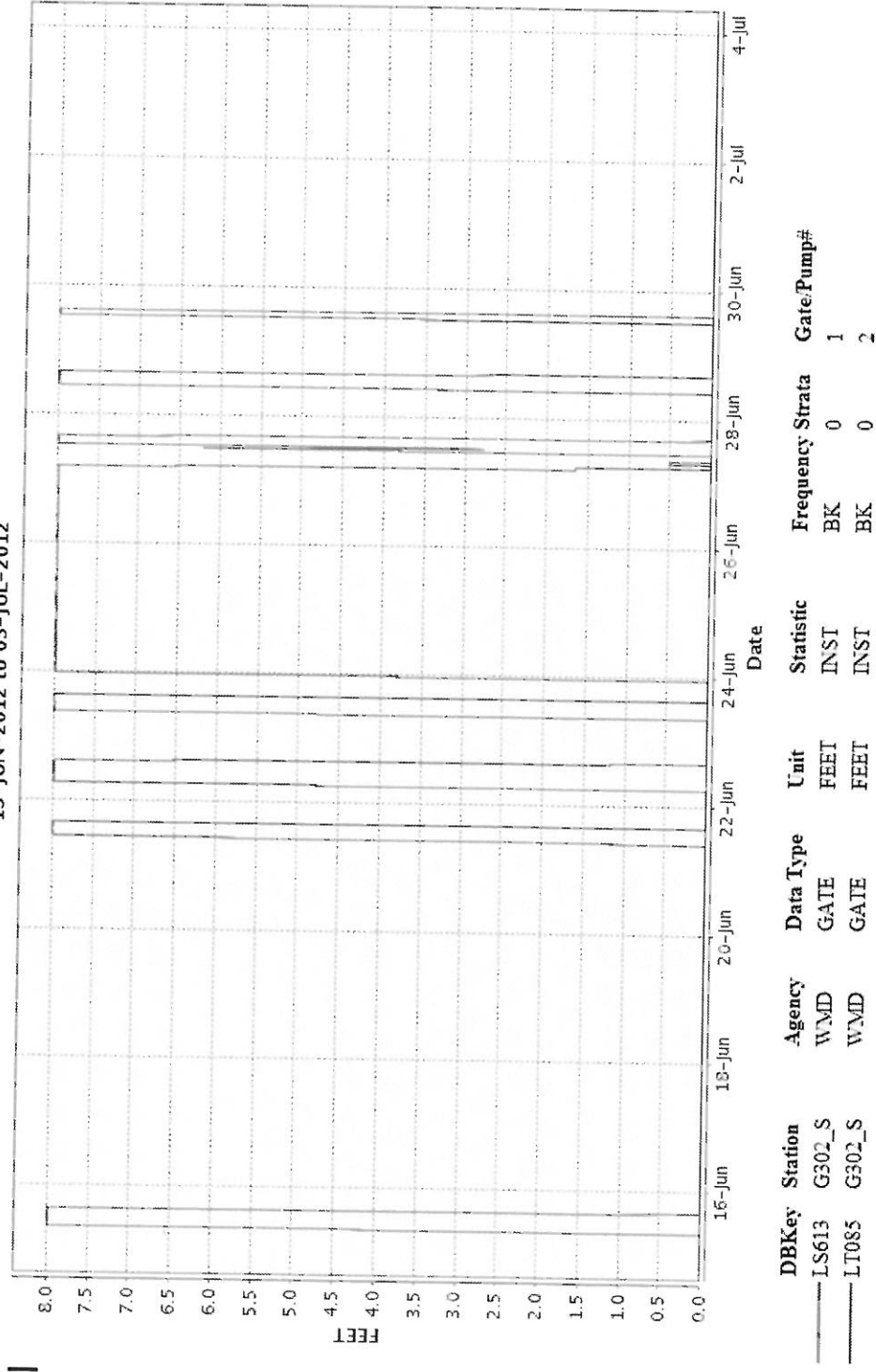
09-MAY-2012 to 03-JUL-2012



# G-302 (mid-June to July 2012)

There are several days the manatee could have passed through the G-302 structure.

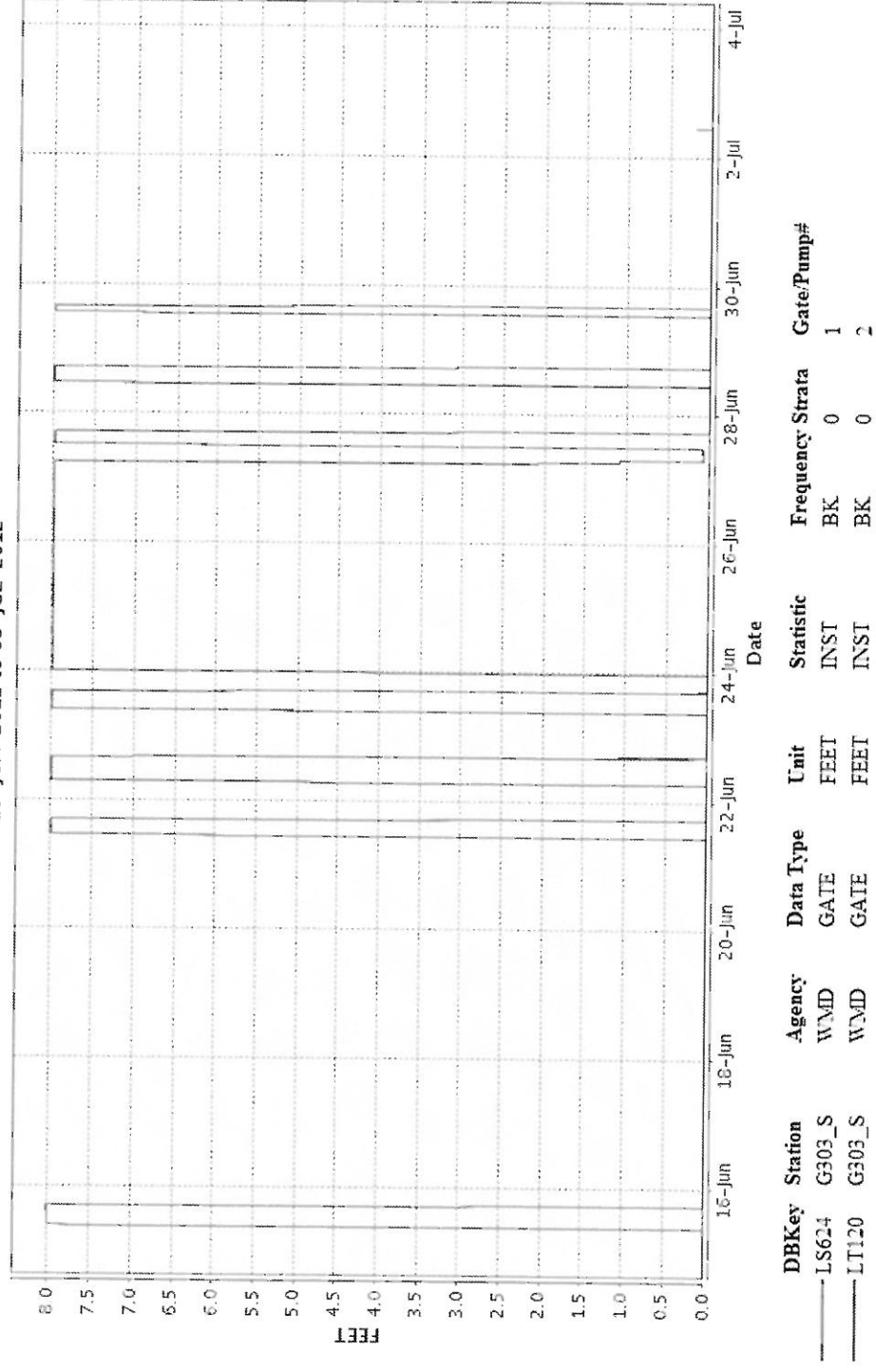
**DBHYDRO Chart**  
15-JUN-2012 to 03-JUL-2012



# G-303 (mid-June to July 2012)

The next gate the manatee would need to pass through is the G-303. Similar to the G-302 gates, he could have passed through on several different days. Once passing through this structure the manatee would officially be in STA-1W (Cell 1A).

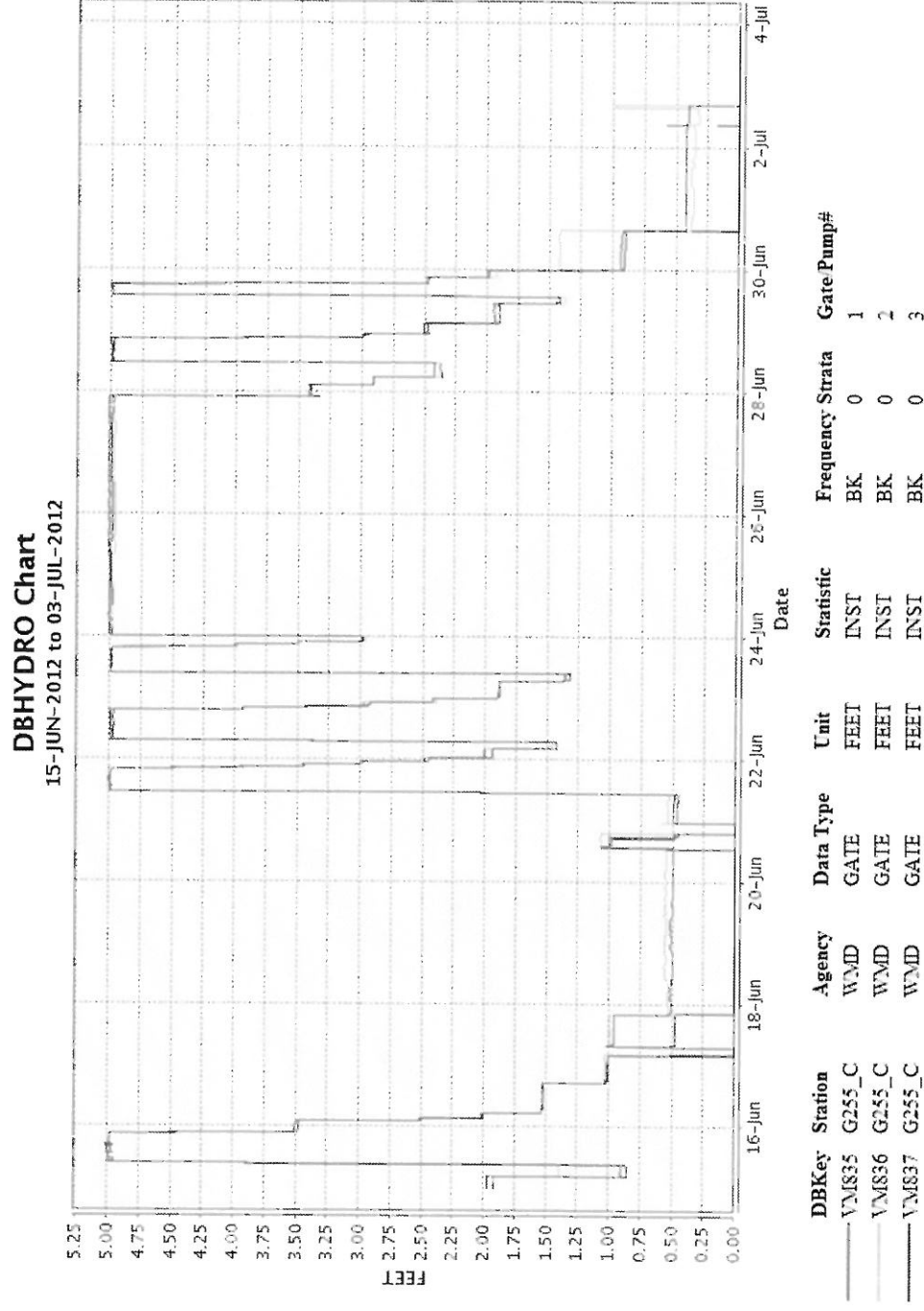
**DBHYDRO Chart**  
15-JUN-2012 to 03-JUL-2012



# G-255 (mid-June to July 2012)

The manatee was found in STA-1W Cell 2A. It was hanging out by the G-255.

Manatees are smart enough to know where they came in, so he was just waiting for the gates to open up again. He likely passed into Cell 2A sometime between June 22<sup>nd</sup> and June 30<sup>th</sup>. He was observed on July 2<sup>nd</sup>.



## Other Potential Ways In

- A manatee could have come through the S-5AS structure coming from the L-8 canal, but there is a manatee barrier at the C-10A that should not allow a manatee in Lake Okeechobee to travel into the L-8. Additionally there are manatee barriers at the S-351, S-352, S-354, S-7, and S-8 that should not allow a manatee to get even near STA-1W. A manatee would not be able to come from the east along the C-51 canal because this structure is a weir that drops down several feet.



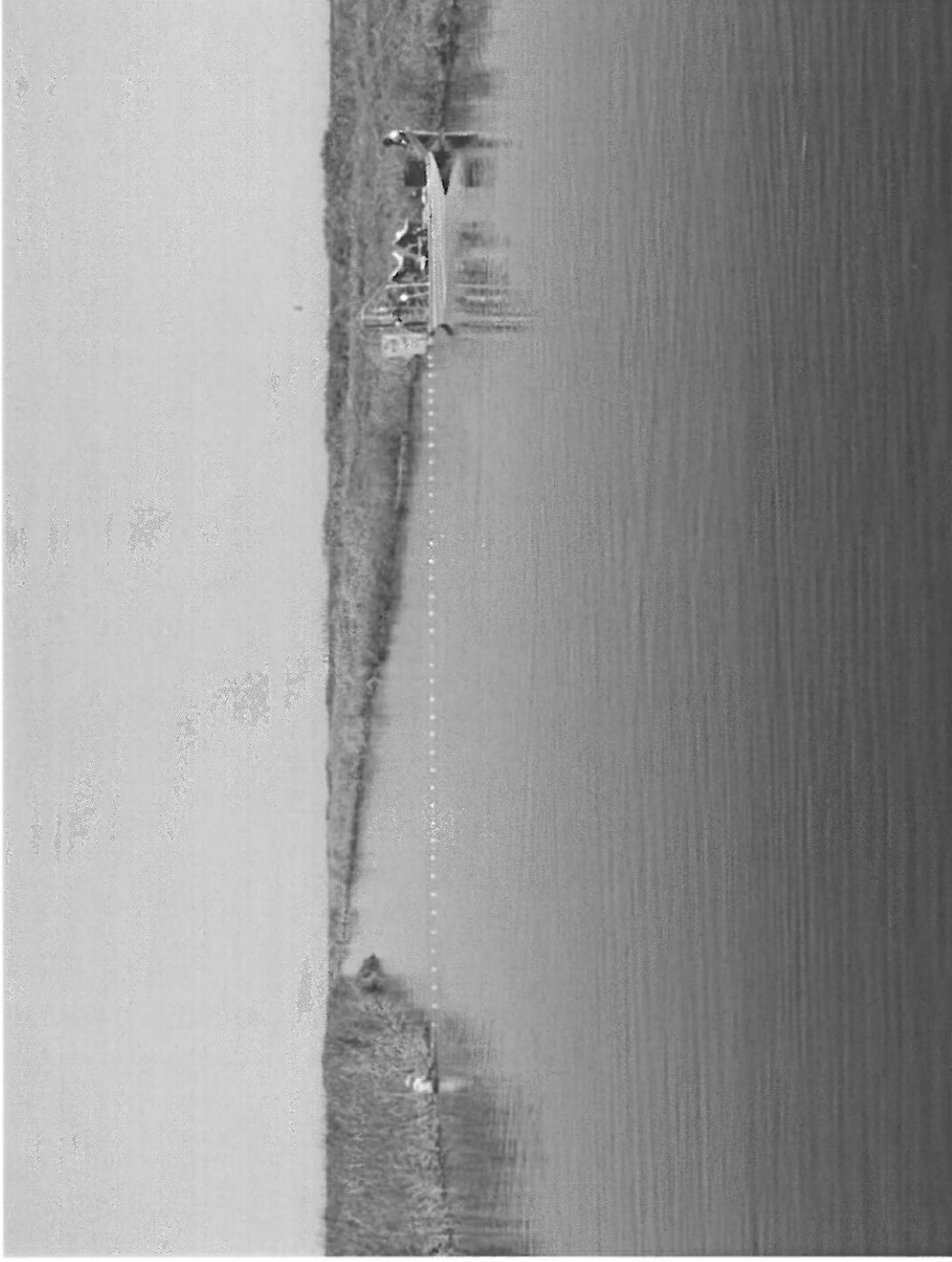
# The Rescue

- FWC was notified quickly on July 2<sup>nd</sup> and rescue attempts started the same day the manatee was first spotted.
- FWC lead the rescue effort, with the District providing a lot of necessary man power and an airboat.



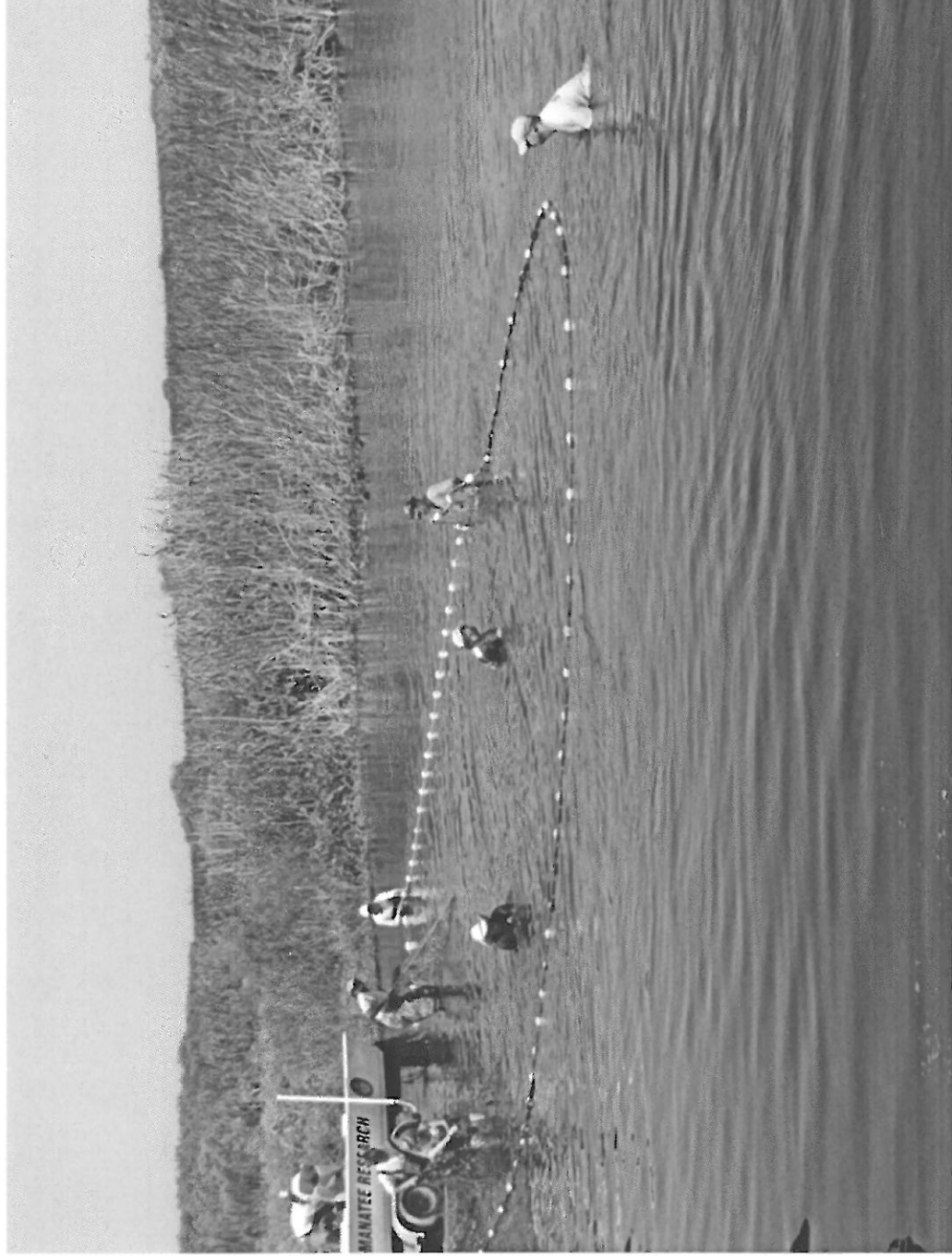
# The Rescue

- We isolated the manatee using the airboat and a net



# The Rescue

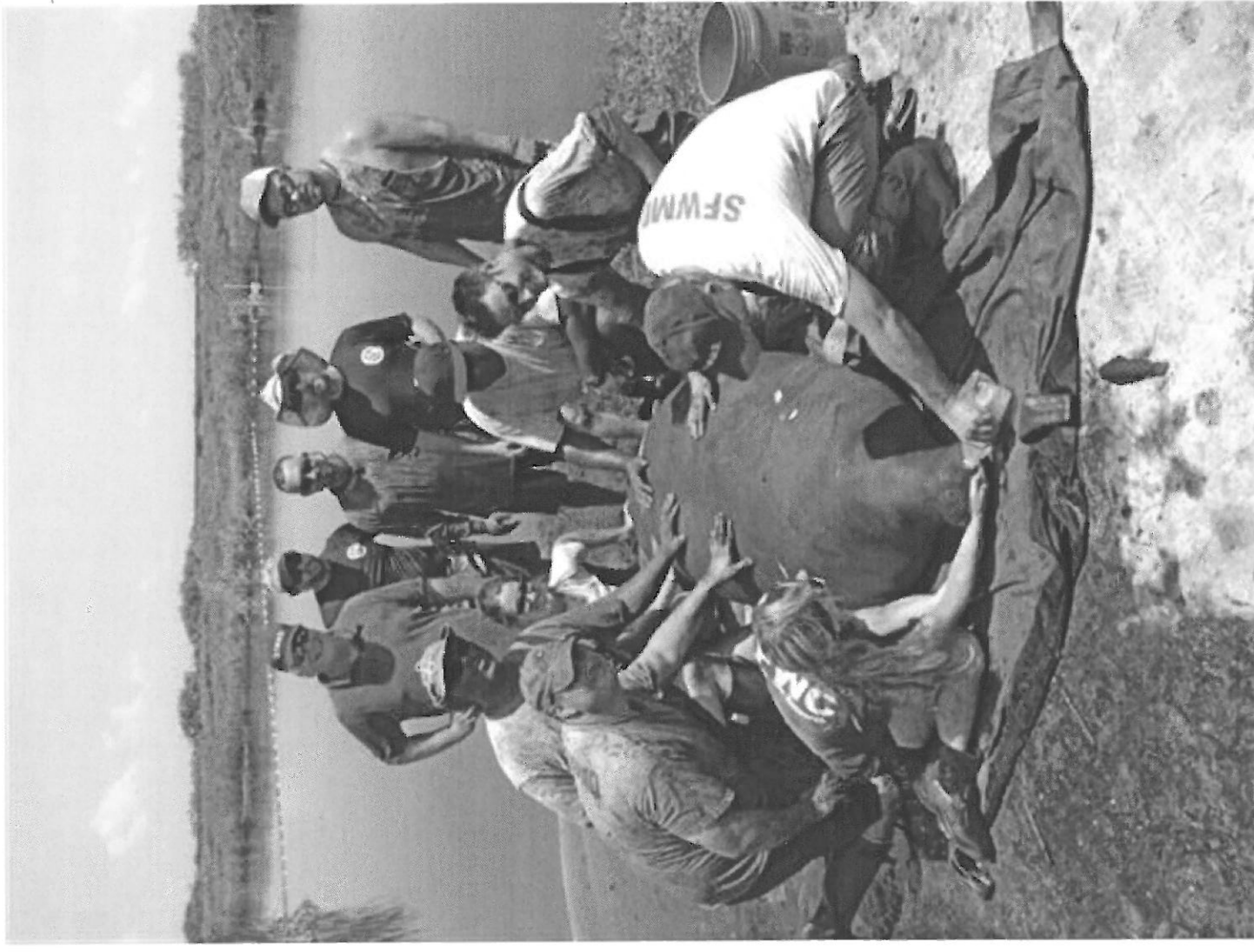
- It took two days (July 2<sup>nd</sup> and 3<sup>rd</sup>) , but we netted the manatee and pulled him ashore



# The Rescue



- This male manatee likely traveled through six District structures to get into STA-1W Cell 2A.
- The manatee was almost 10 feet long.
- He weighed approximately 1100 to 1200 lbs.
- FWC took measurements and placed two pit tags in him.
- He was healthy and was expected to do well at his release site.



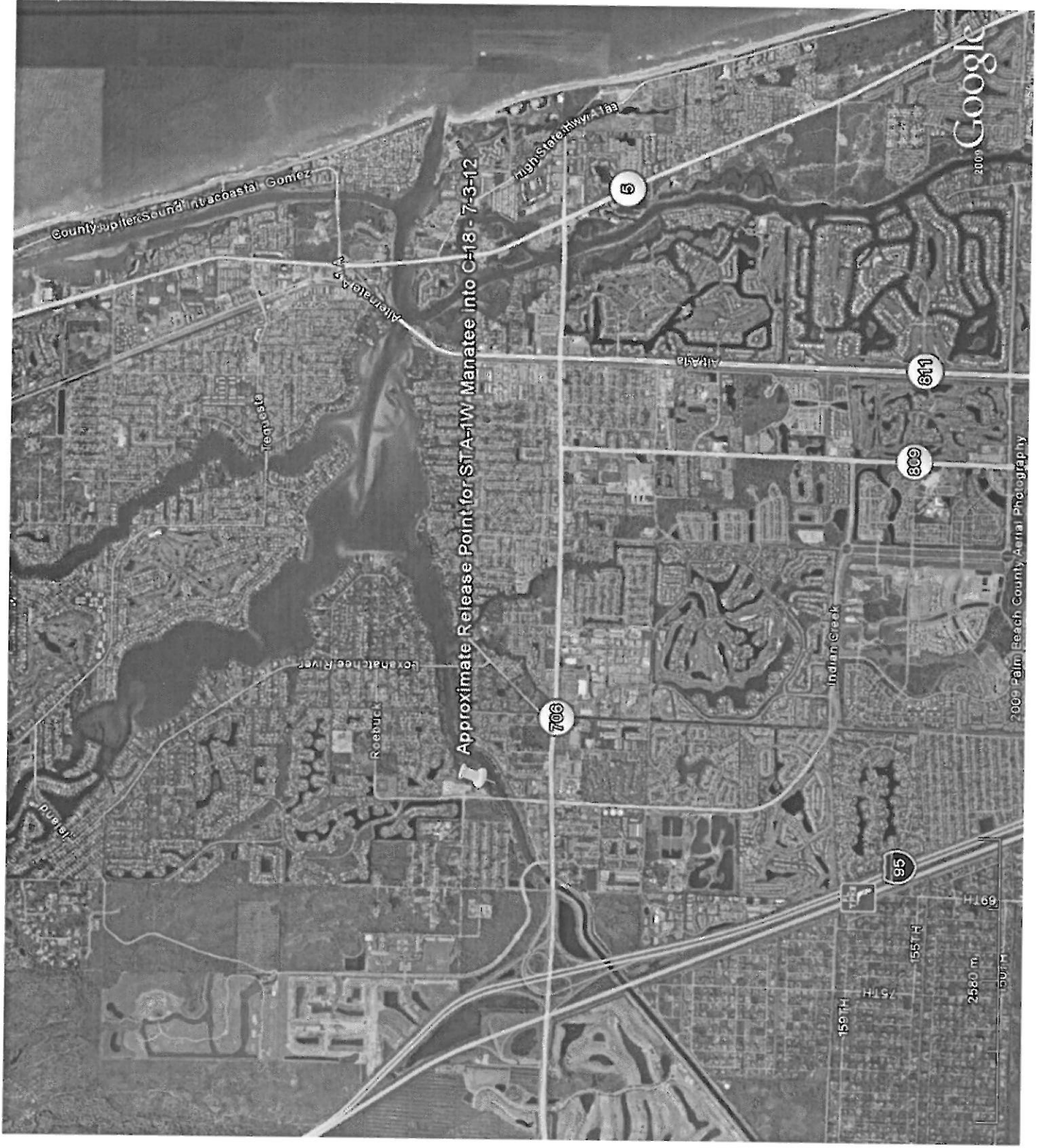


# The Rescue

- The manatee was transported to the C-18 and released in a much more natural area than an STA



The manatee was transported to C-18 and released in a natural area.



Assl. & Rel

## Rescue Report

RSE1211

*Updated  
3/4/13  
JSS*

*Entrapment  
Hummer*

### GENERAL:

Date of Rescue: 28 November 2012	Date of Initial Call: 27 November 2012	Filed by: K. Bullard
Rescue ID#: RSE1211	Facility ID:	Other ID:
FWC Case: 9140	Officer Name:	
Sex: F	Length: 300cm	Estimated: No
PIT Tag Present: No	PIT Tag Applied: Yes	#R 00-0671-A144
		#L 00-0671-E3EF
LOCATION:		
State: FL	City: Hutchinson Island	County: Martin
		Waterway: Indian River
Latitude (Decimal Degrees): 27.26379° N		Longitude (Decimal Degrees): -80.20734° W
Locality Description: in small canal on Mosquito Control Facility land, approximately 95 m S of 85 Aquara Dr		
Method of Capture: Hoop net		

### REASON FOR RESCUE

	Watercraft
	Entanglement
X	Entrapment
	Orphan
	Cold Stress
	Red Tide
	Other: (Specify):

### Visual Record

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury			
Gear Removal Process			
Gear Alone			
Scars			
Rescue Situation		X	

## Rescue Report

RSE1211

### HISTORY

Date	Narrative
27 November 2012	At 1530 hrs, FWC-John Cassady (JDC) received a text from FWC SO Dispatch-Palm Beach regarding an entrapped manatee in Jensen Beach, Martin County. FWC case number 9140 was assigned. Gene from Martin County Mosquito Control (MCMC; 772-214-5654) reported that a manatee had gone through a culvert into a Mosquito Control impoundment area. FWC-JDC, Intern Gillian MacDonald (GHM), and Intern Lindsey Jakob (LNJ) responded to the scene and observed the manatee and took photos. Because of the time of day, JDC decided it would be best to return in the morning and give the manatee an opportunity to swim back through the culvert on its own.
28 November 2012	At 0730 hrs, MCMC-Gene contacted JDC to inform him that the manatee was still in the same area near the culvert. At 1030 hrs, FWC-JDC and Interns GHM and LNJ arrived at the scene. The manatee was observed making several attempts to go through the culvert against a very strong current. The manatee would partially enter the pipe, stop and float back out with the current. MCMC-Pat was in a jon boat and FWC-Intern GHM was in a kayak to keep the manatee close to the culvert. At 1230 hrs, the tide had changed and the manatee was no longer trying to swim through the culvert. At that point, JDC decided that the manatee would need to be captured and relocated. A spot along the bank was located where the manatee could be captured with the hoop net and extracted from the impoundment. The boats were used to encourage the manatee to swim towards JDC, who had the hoop net set in position. The manatee had a small space to swim through and had no choice but to swim into the hoop net. The team then pulled the manatee to the embankment and was able to place two straps under it. The Mosquito Control team had access to a Bobcat which was used to lift the manatee out of the impoundment and place it on a stretcher on the dirt road that ran between the facility and the Indian River. The manatee was assessed and pictures were sent to Dr. Maya Rodriguez from Miami Seaquarium. Dr. Maya's assessment was to release the manatee. PIT tags were applied and the Bobcat was used to carry the manatee to the opposite embankment where it was lowered into the water and released into the Indian River.

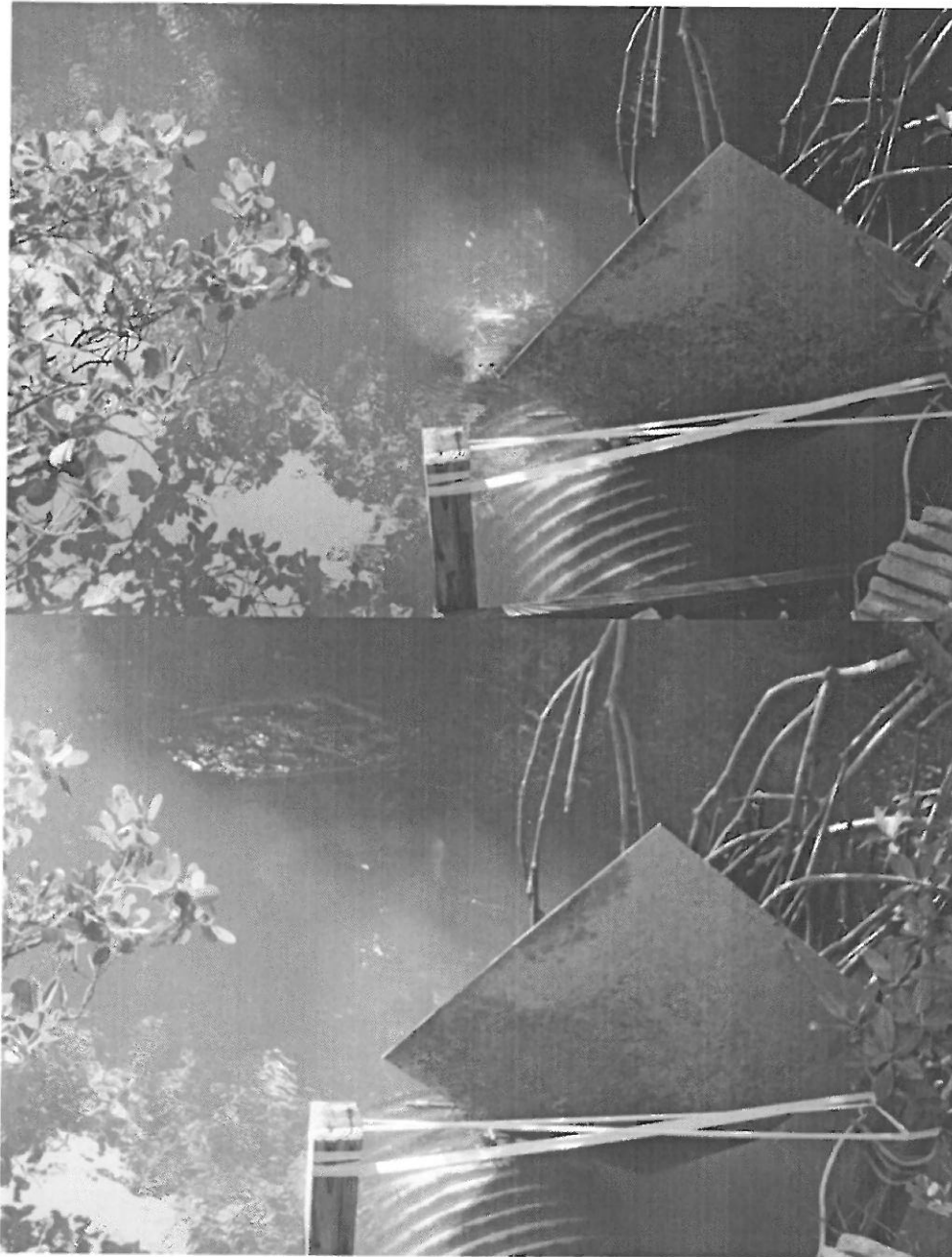
### PARTICIPANTS

FWC SE: J. Cassady, Intern G. MacDonald, and Intern L. Jakob  
Martin County Mosquito Control Personnel

### PHOTOS

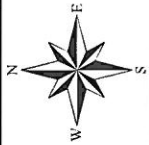
FWC013\_2012-11-28\_9366 through FWC013\_2012-11-28\_9468









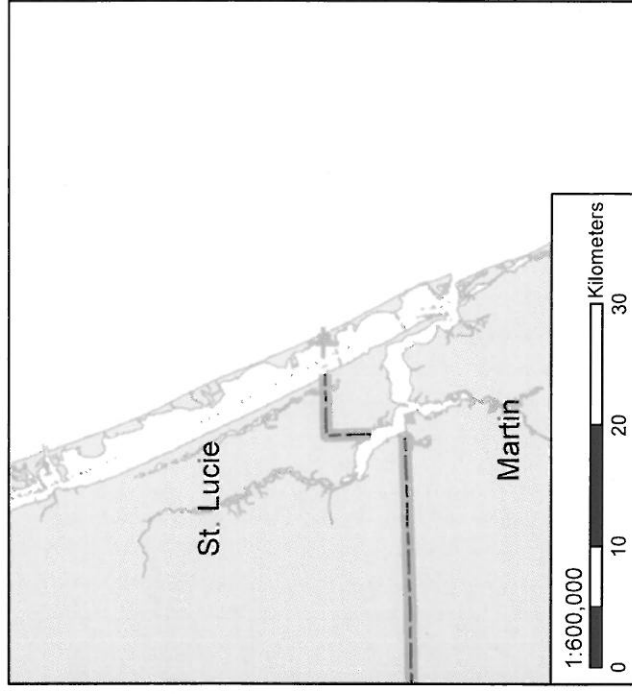
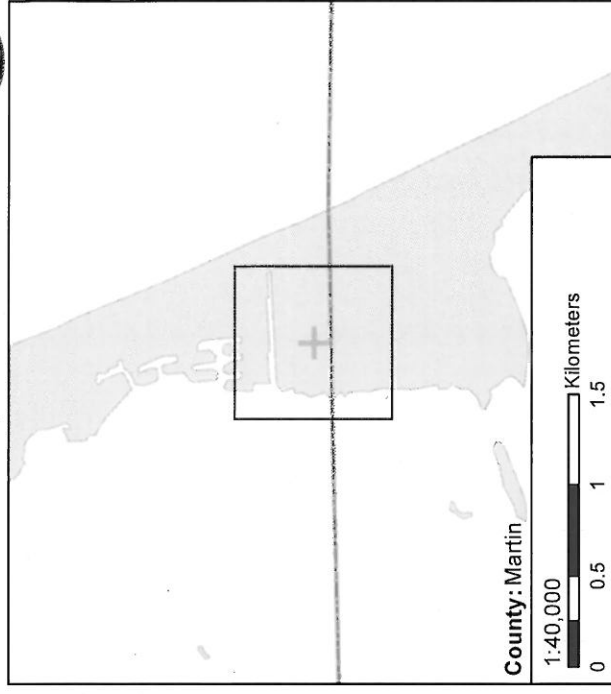


# Verified Response Location of Manatee Rescue RSE1211

Rescue Date: 11/28/2012

Facility ID: N/A

Map Created 9/5/2014



## Locality Description:

in small canal on Mosquito Control Facility land, approximately 95 m S of 85 Aquara Dr

Latitude: 27.26379°N

Longitude: -80.20734°W

Resc / Dth  
12/18/13

## Rescue Report

RSE1212

updated  
4/11/13  
SS

Human  
other  
(unknown  
origin)

### GENERAL:

Date of Rescue: 17 December 2012 Date of Initial Call: 17 December 2012 Filed by: L. Connor  
Rescue ID#: RSE1212 Facility ID: MSTm1208 Other ID: Skidz  
FWC Case: 9706 Officer Name: N/A  
Sex: Female Length: 267 cm Estimated: No  
PIT Tag Present: N/A PIT Tag Applied: No #R #L  
LOCATION:  
State: FL City: Ft. Pierce County: St. Lucie Waterway: Atlantic Ocean  
Latitude (Decimal Degrees): 27.47499° N Longitude (Decimal Degrees): -80.29065° W  
Locality Description: Ft. Pierce Inlet State Park, beached approximately 215 m N of the Ft. Pierce Inlet  
Method of Capture: Stretcher

### REASON FOR RESCUE

	Watercraft
	Entanglement
	Entrapment
	Orphan
	Cold Stress
	Red Tide
X	Other: (Specify): Human, other; unknown origin, possible watercraft or structure

### Entrapment-Human Related

Describe:

	Photo - Slides	Photo - Digital	Video
Animal Entangled			
Injury		X	
Gear Removal Process			
Gear Alone			
Scars		X	
Rescue Situation		X	

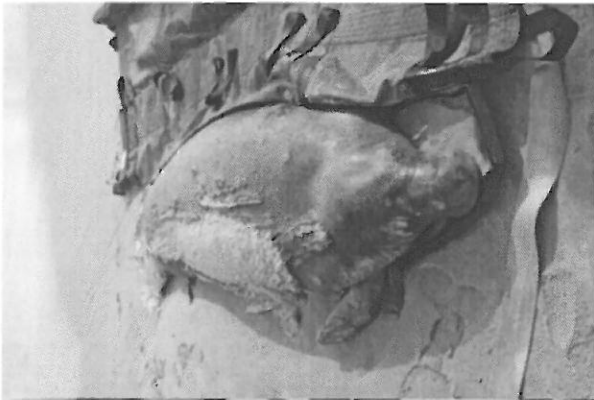
**HISTORY**

<b>Date</b>	<b>Narrative</b>
17 December 2012	At 0732 hrs, FWC-Ann Spellman (ACS) received an after-hours Nextel alert from FWC SO Dispatch-Palm Beach regarding a stranded manatee in Ft. Pierce, St. Lucie County. FWC case number 9706 was assigned. Steve from Ft. Pierce Inlet State Park (772-519-0620) reported a stranded manatee with a gash on its side. Steve told ACS that someone was on scene with the manatee to keep the crowd away. ACS then spoke with FWC John Cassady (JDC) to inform him of the situation. JDC asked for photos and for Steve to contact him directly. During this time, FWC Katie Bullard (KSB) spoke with Steve directly and was informed that following direction from ACS they had wrapped towels around the manatee. Because of conflicting reports on the condition of the manatee, JDC contacted Steve Burton (Harbor Branch Oceanographic Institute) who agreed to respond and assess the manatee. At 0845 hrs, Steve contacted JDC and informed him that the manatee was severely injured and in need of a rescue. With help from the park staff, Steve was able to move the manatee onto the beach and out of the waves. JDC, KSB, and FWC Tom Reinert (TRR) responded to the scene by 1145 hrs. The manatee was placed into a stretcher and transported to the rescue truck using the park's tractor. It was then transported to Miami Seaquarium by 1330 hrs.
18 December 2012	At 0830 hrs, Miami Seaquarium's staff found RSE1212 dead in their rescue pool. At 1145 hrs, KSB arrived to Miami Seaquarium, picked up the carcass, and transported it back to the Tequesta Field Station, arriving at 1415 hrs. LAC then continued to MMPL arriving by 1800 hrs.

**PARTICIPANTS**

**FWC SE:** J. Cassady, K. Bullard, T. Reinert,  
**Fort Pierce Inlet State Park:** Ranger Steve Eibel and associates  
**Harbor Branch Oceanographic Institute:** Steve Burton

PHOTOS





Szemer, Donna

Resc/Dth  
MSTM1208  
RSE1212

**From:** mayadvn@msn.com  
**Sent:** Tuesday, December 18, 2012 9:21 AM  
**To:** Garrett, Andy; atkinsa@jacksonvillezoo.org; amy\_teague@usgs.gov; art.yerian@dep.state.fl.us; Baxter, Kevin; bill.hughes@seaworld.com; boyd\_blihovde@fws.gov; jpowell@sea2shore.org; Knox, Carol; cathy\_beck@usgs.gov; cedwards@savethemanatee.org; millerc@jaxzoo.org; kogiavet@hotmail.com; deWit, Martine; Frisch, Katherine; gzern@co.volusia.fl.us; glovewell@mote.org; Grunwald, Robin; jim\_reid@usgs.gov; jim\_valade@fws.gov; jtuzinski@msq.cc; ktripp@savethemanatee.org; laura.eldredge@gmail.com; leeann.rottman@lowryparkzoo.com; florida.mammals@lowryparkzoo.com; Mezich, Ron; michael.boos@seaworld.com; michael\_lusk@fws.gov; walshm@ufl.edu; mrossbtl@aol.com; Mosier, Andrea; kapustinn@jacksonvillezoo.org; Nicole Adimey; pamela.sweeney@dep.state.fl.us; prose@savethemanatee.org; Quigley, Wendy; ray.ball@lowryparkzoo.com; rhazelkorn@mote.org; Reinert, Tom; robert\_bonde@usgs.gov; rrose@msq.cc; robert.wagoner@seaworld.com; Rood, Kari; rffloyd@ufl.edu; Segelson, Carli; stefanie\_barrett@fws.gov; steven.lehr@seaworld.com; sbutler@usgs.gov; susan.lowe@dep.state.fl.us; Szemer, Donna; virginia.edmonds@lowryparkzoo.com; Ward, Leslie  
**Subject:** RE: Rescue Update  
**Attachments:** MSTm1208 smaller.jpg; MSTM1208 face smaller.jpg

Fort Pierce:

This 9Ft.3 female manatee came in with a "strange" unilateral body wound see pics that is the same manatee one side necrotizing and even bones exposed on flipper other side fairly normal. Unfortunately the blood cells are the second worst we had seen and the time frame of that manatee water craft infected wound 1 month duration. High white count, Blood cells incredibly immature (metamyelocytes, metarubricytes) very anemic 22 Hct and its breaths never improved from 1 every 30-40 seconds. It passed away overnight.  
Maya

---

**From:** Andy.Garrett@MyFWC.com  
**To:** atkinsa@jacksonvillezoo.org; amy\_teague@usgs.gov; Art.Yerian@dep.state.fl.us; Kevin.Baxter@MyFWC.com; Bill.Hughes@seaworld.com; boyd\_blihovde@fws.gov; jpowell@sea2shore.org; carol.knox@MyFWC.com; cathy\_beck@usgs.gov; cedwards@savethemanatee.org; millerc@jaxzoo.org; kogiavet@hotmail.com; Martine.deWit@MyFWC.com; Katherine.Frisch@MyFWC.com; gzern@co.volusia.fl.us; glovewell@mote.org; Robin.Grunwald@MyFWC.com; jim\_reid@usgs.gov; jim\_valade@fws.gov; jtuzinski@msq.cc; ktripp@savethemanatee.org; laura.eldredge@gmail.com; Leeann.Rottman@LowryParkZoo.com; Florida.Mammals@LowryParkZoo.com; MayaDVM@msn.com; ron.mezich@MyFWC.com; michael.boos@seaworld.com; michael\_lusk@fws.gov; walshm@ufl.edu; mrossbtl@aol.com; Andrea.Mosier@MyFWC.com; kapustinn@jacksonvillezoo.org; nicole\_adimey@fws.gov; Pamela.Sweeney@dep.state.fl.us; prose@savethemanatee.org; Wendy.Quigley@MyFWC.com; ray.ball@lowryparkzoo.com; rhazelkorn@mote.org; Tom.Reinert@MyFWC.com; robert\_bonde@usgs.gov; rrose@msq.cc; robert.wagoner@seaworld.com; Kari.Rood@MyFWC.com; rffloyd@ufl.edu; Carli.Segelson@MyFWC.com; Stefanie\_Barrett@fws.gov; Steven.Lehr@SeaWorld.com; sbutler@usgs.gov; Susan.lowe@dep.state.fl.us; Donna.Szemer@MyFWC.com; Virginia.Edmonds@LowryParkZoo.com; Leslie.Ward@MyFWC.com  
**Date:** Mon, 17 Dec 2012 14:12:42 -0500  
**Subject:** Rescue Update

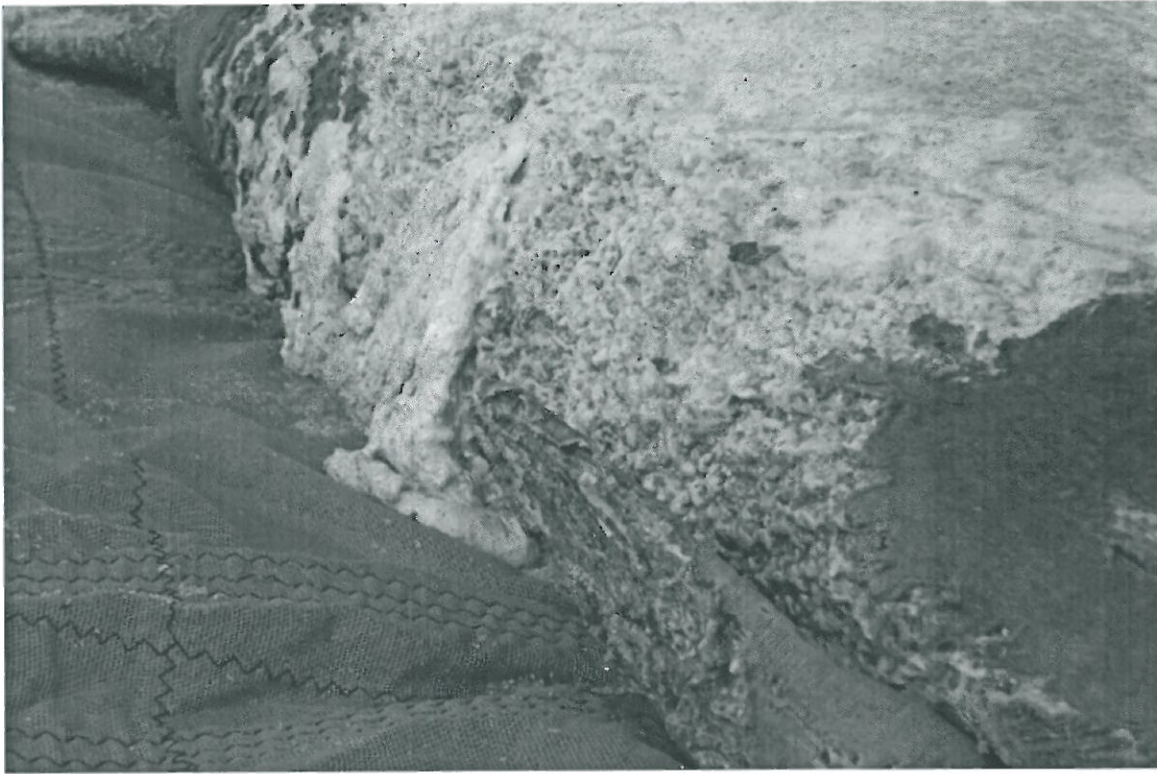
**Fort Pierce:**

The FWC-SEFL and Harbor Branch responded to a report of a beach stranded manatee with watercraft injuries in Fort Pierce. The 7-8 ft manatee was loaded into a transport vehicle and is on its way to Miami Seaquarium. FWC biologists are trying to confirm if this manatee is one that was being monitored in Brevard County at the FPL power plant. The rescue team is reporting that the manatee has a chronic skin issue along its entire right side that might be associated with some watercraft wounds. The rescue team described the wound as “road-rash” like in appearance.

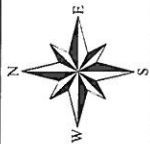
Attached is a picture taken of a manatee at FPL a few weeks ago and a picture of the manatee in the transport truck.

-Andy





MSTM1208  
RSE1212

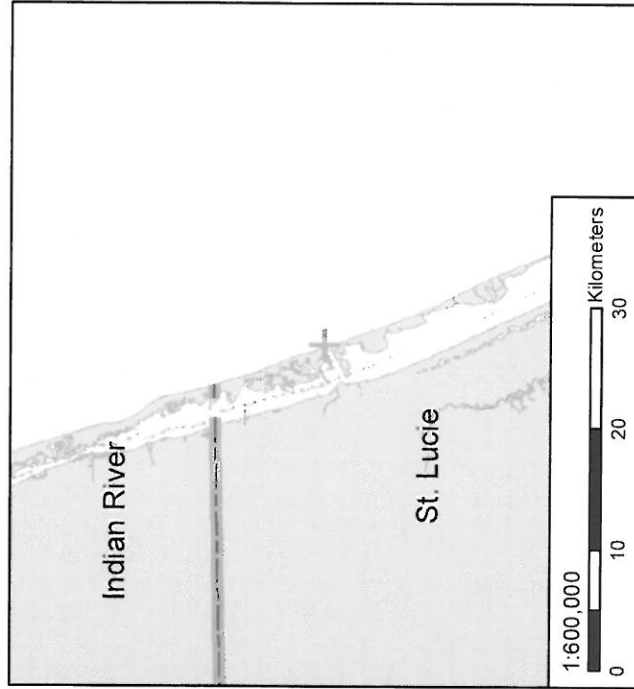
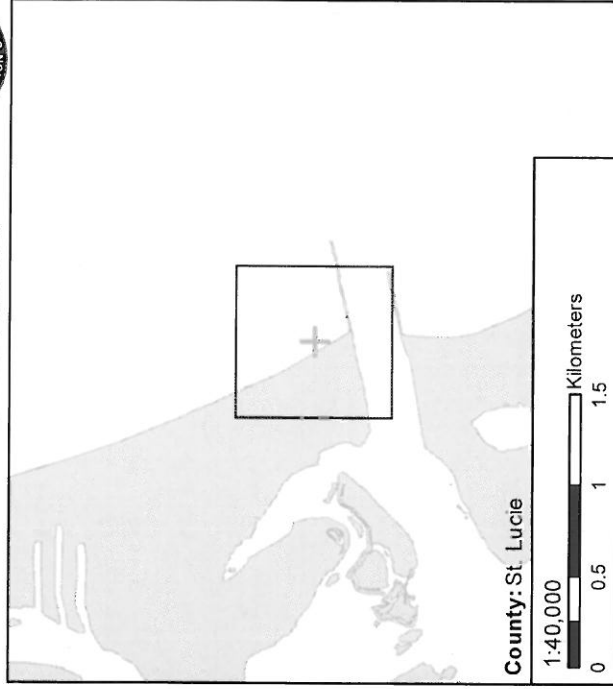


# Verified Response Location of Manatee Rescue RSE1212

Rescue Date: 12/17/2012

Facility ID: MSTm1208

Map Created 10/29/2014



## Locality Description:

Ft. Pierce Inlet State Park, beached approximately 215 m N of the Ft. Pierce Inlet

Latitude: 27.47499°N

Longitude: -80.29065°W

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MSTm1208

Date of Report: 2012-Dec-18

Filed By: FWC MMPL

FWC Case # 9706

FWC Region: SO

Sex: Female

Length: 267 cm

Weight: 321.0 kg

DATE REPORTED: 2012-Dec-18

By: MSQ to FWC-JDC

DATE COLLECTED: 2012-Dec-18

By: FWC-KSB

DATE NECROPSIED: 2012-Dec-19

By: MMPL-MdW,AJG,BLB,ARH,ALP

LOCATION: State: FL

Latitude: 27.47499 N

County: St. Lucie

Longitude: -80.29065 W

Waterway: Atlantic Ocean

Locality description: Ft. Pierce, beached approximately 215 m N of the Ft. Pierce Inlet, Ft. Pierce Inlet State Park.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Human Related: Other

EXPLAIN: Bleached epidermis; Emaciated; Peanut-shaped head; Flat ventrum; Abscesses; Depleted fats; Serous fats; Large necrotic wounds; Serous, dark red pancreas; Congestion; Petechiae duodenum mucosa; Mucus in trachea; Enlarged, serous lymph nodes; Pale, small spleen; Sand in duodenum.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Internal, Other (wounds).

## MATERIALS COLLECTED:

Genetics, Earbone, ELISA toxicology samples, Archive toxicology samples, Histology. Adrenal glands for UF-D. Samuelson.

DISPOSITION OF MATERIAL: FWC MMPL.

## ADDITIONAL DATA:

Histology report. Rescue report. Wound measurements.

## REMARKS:

PIT tag scan negative. Lactating. Uterine Scar. Died in facility. Ribbon and ballon in stomach. Rib count-17 both sides. Acorns GI tract. See rescue report RSE1212.

Page 1&2	
Necropsy Report	
Lat/Long	



*Assist. & Rel*

## Rescue Report

RSE1305

*Natural  
Tidally  
Stranded*

### GENERAL

Date of Rescue: 1 August 2013      Date of Initial Call: 1 August 2013      Filed by: FWC-K. Bullard  
Rescue ID: RSE1305      Facility ID: N/A      Other ID:  
FWC Case Number: 6369      FWC Region: SO  
Sex: Female      Length: 398 cm      Estimated: No      Weight: N/A kg      Estimated:  
PIT Tag Present: No      PIT Tag Applied: No      R:      L:  
State: FL      County: St. Lucie      City: Fort Pierce      Waterway: Cocaine Cut (ICW)  
Latitude (Decimal Degrees): 27.47296° N      Longitude (Decimal Degrees): -80.30182° W  
Locality Description: grounded on tidal flat on NW side of Coon Island, approximately 1.79 km NE of South Causeway Island Wayside Park  
Method of Capture: Assist and release.

### REASON FOR RESCUE

Check one of the following:

- ☐ Watercraft      ☐ Entanglement      ☐ Entrapment (Human)  
☐ Cold Stress      ☐ Red Tide      ☒ Tidally Stranded  
☐ Orphan      ☐ Other: (Specify): \_\_\_\_\_

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

### HISTORY

Date	Narrative
1 August 2013	At 1047 hrs, FWC-Katie Bullard (KSB) received a text alert from FWC SO Dispatch-West Palm Beach regarding a tidally-stranded manatee in Cocaine Cut (ICW), Fort Pierce, St. Lucie County. FWC case number 6369 was assigned. KSB requested officer assistance, and Ofc Wayne Sapp responded. The complainant, Doug (772- 332-5188), reported that he had been flagged down by several other boaters that had stopped for a manatee beached in two inches of water. He described that there was approximately 100 feet of shallow water between the manatee and deeper water, and noted that the tide was continuing to ebb. He also described several other manatees in the channel that

## Rescue Report

RSE1305

seemed to be waiting for the manatee; KSB believed the manatee to be the female in a mating herd. The boaters had dug a trench around the manatee after realizing they could not roll the manatee back into deep water. KSB instructed them to minimize any physical contact, use an umbrella for shade, and use buckets to pour water over the manatee's body. KSB contacted Harbor Branch Oceanographic Institute (HBOI)-Steve Burton to request assistance. KSB met Ofc. Sapp, HBOI staff and Doug at the Stan Blum boat ramp at 1214 hrs. Doug guided the other boats to the area where the manatee was located. After assessing the manatee's health and taking measurements and photos, KSB decided to relocate the manatee to deeper water instead of waiting for the tide to rise. Due to the amount of time out of water, and the heat, no PIT tag was inserted. The rescue crew, with the help of a few boaters, used straps to roll the manatee on her side, placed the stretcher underneath her, and moved her into deeper water by 1312 hrs. KSB and Ofc. Sapp stayed with the manatee to monitor for one hour after relocation. One other manatee, believed to be a male, was still in the area. The female manatee exhibited normal, healthy behaviors and eventually swam off with the other manatee by 1350 hrs.

### PARTICIPANTS

FWC SE-K. Bullard

FWC LE-Ofc. Wayne Sapp

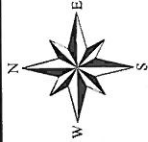
HBOI Staff-Steve McCulloch, Steve Burton, Emily

Local Boaters

### Edited by:

TRR  
DJS  
AJG



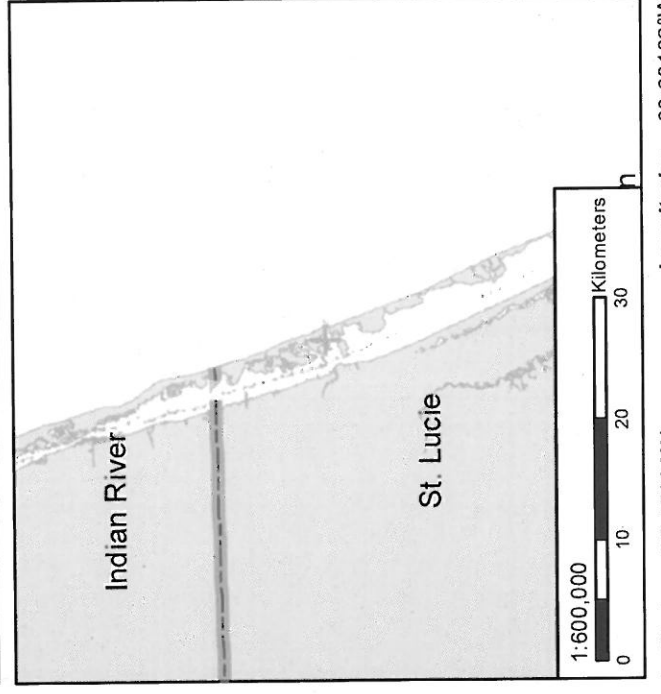
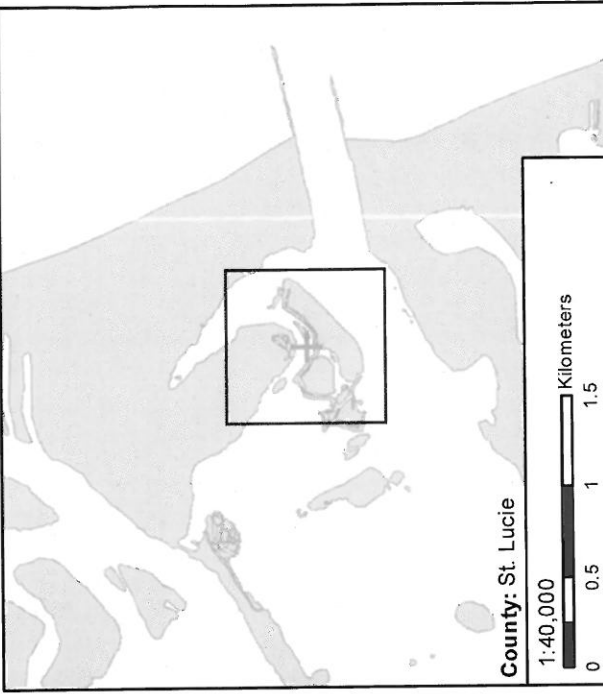
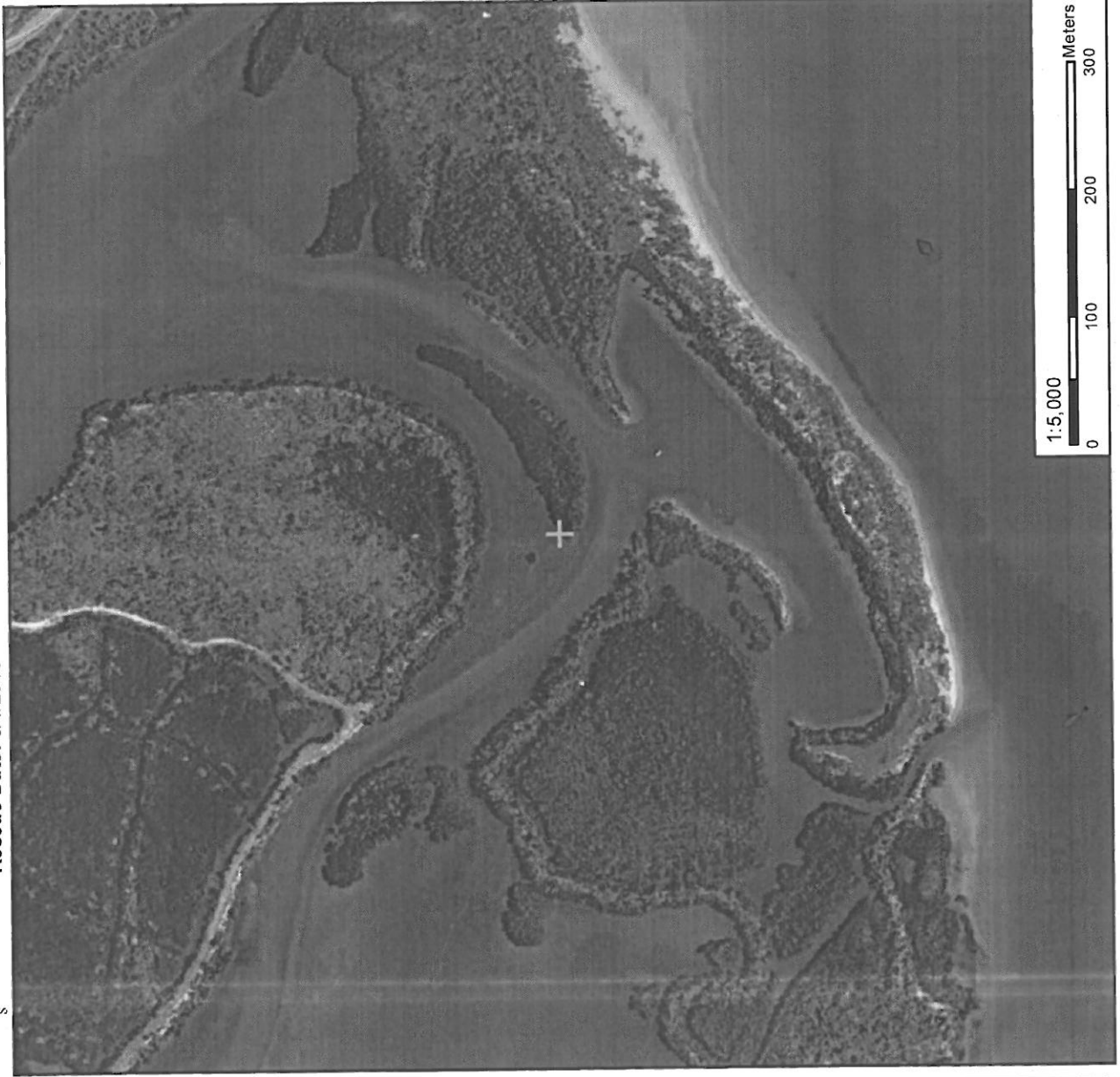


# Verified Response Location of Manatee Rescue RSE1305

Rescue Date: 8/1/2013

Facility ID: N/A

Map Created 7/29/2015



## Locality Description:

grounded on tidal flat on NW side of Coon Island, approximately 1.79 km NE of South Causeway Island Wayside Park

Latitude: 27.47296°N

Longitude: -80.30182°W

Florida Fish and Wildlife Conservation Commission  
SE Field Station, 19100 SE Federal Highway, Tequesta, FL 33469

*Entered  
8/2/13*

*Asst. + Rel*

Rescue ID # RSE1305

FWC Case # 6369

Date reported: 1 Aug 2013

Sex: M / ☒ / U

Length: 406 cm (estimated       )

LOCATION: State: ☒ FL / other

County: St. Lucie

City: Fort Pierce

Waterway: Cocaine Cut

REASON FOR RESCUE: Tidally Stranded Female, Escaping mating herd

Time Andy Garrett notified: 11:29 (TRR)

Outcome: (taken to facility, died, released on site): Moved to deeper water; Released on site

Time of Death: N/A

*More location description*



## **Szemer, Donna**

---

**From:** Reinert, Tom  
**Sent:** Friday, August 02, 2013 10:34 AM  
**To:** Reinert, Tom; Garrett, Andy; Adrienne Atkins; Amy Teague; Art Yerian; Barlas, Margie; Baxter, Kevin; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Courtney Edwards; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Maya; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; pamela Sweeney; Pat Rose; Quigley, Wendy; Ray Ball; Rebecca Hazelkorn; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Stefanie Barrett; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Virginia Edmonds; Ward, Leslie; Segelson, Carli  
**Subject:** Rescue Update

### **Ft. Pierce, St. Lucie County**

A tidally-stranded manatee was reported near Little Jim's Marina, 6021 N. Beach Cswy, North Hutchinson Island. SEFL staff responded and assess the animal's health with help from Harbor Branch staff and vet tech. The female manatee appeared in good health and perhaps became stranded while escaping a mating herd. Because the tide was not returning very soon and air temps were on the rise, a decision was made to move the animal back into the water (approximately 10 m away). Only one, smaller male remained in the vicinity. Observations of the female post release showed normal behaviors and breath rates.

### **Blue Springs State Park, Volusia County**

A manatee with a loose monofilament entanglement around the neck and upper body that was dragging palm fronds and other debris was spotted in the spring area. Under FWC guidance, a DEP park ranger, who is also an FWC volunteer, was getting ready to enter the water and attempt removal, but the animal left the area before an attempt could be made. The entanglement does not appear to be penetrating at this point and seems loose enough to remove in situ. Park staff will be on the lookout for the manatee.

## Rescue Report

RSE1401

Natural  
Tidally Stranded

## GENERAL

Date of Rescue: 1 February 2014	Date of Initial Call: 1 February 2014	Filed by: L. Connor
Rescue ID: RSE1401	Facility ID:	Other ID:
FWC Case Number: 0864	FWC Region: South	
Sex: Male	Length: 220 cm	Estimated: Yes
	Weight: N/T kg	Estimated:
PIT Tag Present: Unk	PIT Tag Applied: No	R: L:
State: FL	City: Stuart	County: Martin
	Waterway: Indian River Lagoon (ICW)	
Latitude (Decimal Degrees): 27.18652° N		Longitude (Decimal Degrees): - 80.18197° W
Locality Description: sand bar on the SW corner of Boy Scout Island, approx 2.86 km NE of Sandsprit Park, approximately 530 m E of 26 Simara Street.		
Method of Capture: Straps (Assist and Release)		

## REASON FOR RESCUE

Check one of the following:

- |                                      |  |  |
|--------------------------------------|--|--|
| <input type="checkbox"/> Watercraft  | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human)          |
| <input type="checkbox"/> Cold Stress | <input type="checkbox"/> Red Tide                | <input checked="" type="checkbox"/> Tidally Stranded |
| <input type="checkbox"/> Orphan      | <input type="checkbox"/> Other: (Specify): _____ |  |

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
1 February 2014	At 1605 hrs, FWC-Tom Reinert (TRR) received a text alert from FWC SO Dispatch-Palm Beach regarding a tidally stranded manatee in the Indian River, Stuart, Martin County. FWC case number 0864 was assigned. TRR contacted the complainant, Jeff (772-708-5906), who had observed a manatee that was stuck on the sand bar between Boy Scout Island and a smaller island in the Intracoastal Waterway. TRR contacted Dispatch to request officer assistance. FWC LE Officers Moss and Koch arrived on scene, verified that the manatee was indeed stranded, and offered crowd control. TRR contacted FWC-Lauren Connor (LAC), who was in the area, and she offered to go check on the

manatee herself. FWC LE Officers Moss and Koch met LAC and volunteer Tom Duane (TGD) at the Stuart Causeway Boat Ramp and took them to the scene. LAC took photos and got a health assessment of the manatee. Using towels as straps, LAC, TGD, and two other citizens moved the manatee off the sand bar and into deeper water and the manatee eventually swam off.

## **PARTICIPANTS**

FWC-Lauren Connor, Volunteer- Tom Duane  
FWC LE Officers David Moss and Officer Koch

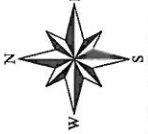
## **Edited by:**

TRR  
DJS  
AJG

(02/20/2013)





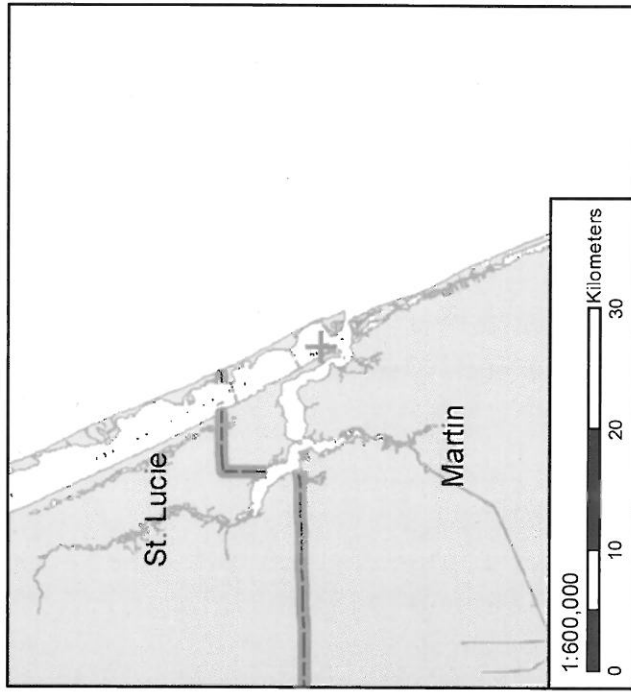


# Verified Response Location of Manatee Rescue RSE1401

Rescue Date: 2/1/2014

Facility ID: N/A

Map Created 10/9/2015



## Locality Description:

sand bar on the SW corner of Boy Scout Island, approx 2.86 km NE of Sandsprit Park, approximately 530 m E of 26 Simara Street.

Latitude: 27.18652°N

Longitude: -80.18197°W



Florida Fish and Wildlife Conservation Commission  
SE Field Station, 19100 SE Federal Highway, Tequesta, FL 33469

Rescue ID # RSE1401

FWC Case # 0864  
Date reported: 1 February 2014  
Sex: ☒ M / F / U  
Length:        cm (estimated 220 cm)

LOCATION: State: ☒ FL / other  
County: Martin  
City: Stuart  
Waterway: Indian River Lagoon

REASON FOR RESCUE: Tidally Stranded  
Time Andy Garrett notified: 1630  
Outcome: (taken to facility, died, released on site): released on site  
Time of Death:                     

*Asst. J. Bel*  
*Natural  
Tidally Stranded*

Assf. + Rel

Natural  
tidally  
stranded

**Szemer, Donna**

**From:** Garrett, Andy  
**Sent:** Monday, February 03, 2014 8:56 AM  
**To:** Adrienne Atkins; Amy Teague; Andrew Gude; Barlas, Margie; Baxter, Kevin; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Maya; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Sisco, Valerie; Stefanie Barrett; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
**Subject:** rescue updates

**Orange River:**

On Saturday, the FWC-SWFL received a report from a citizen of a distressed manatee in the Orange River. The initial report was that the citizen was supporting an exhausted adult manatee in shallow water with an entangled flipper. When FWC staff arrived on scene they found a large thin manatee that was alive, but ventrum up and lethargic. The manatee was placed in a stretcher and towed to shore. The manatee was taken to Lowry Park Zoo, but unfortunately died. The necropsy will be this morning.

**Stuart, FL:**

RSE1401

On Saturday, FWC-SEFL staff responded to a report of a tidally stranded manatee north of the inlet. The sub-adult female manatee was moved to deeper water and released.

**Loxahatchee River:**

On Saturday evening, a small cold stressed lethargic manatee was reported to the SEFL by local pd. The 211 cm male manatee was stretchered to a waiting transport truck and taken to Miami Seaquarium.

**Orange River:**

A large entangled manatee was reported yesterday in the Orange River. This manatee was first reported in early December, and this is the first report in 2014. It sounds like the flipper is entangled (crab trap), and there is a body wrap. No reports so far today.

-Andy

# Rescue Report

RSE1402

Resc / Rel  
1/27/15

## GENERAL

Date of Rescue: 1 February 2014	Date of Initial Call: 1 February 2014	Filed by: L. Connor		
Rescue ID: RSE1402	Facility ID: MSTm1401	Other ID: "OX"		
FWC Case Number: 0870	FWC Region: SO-Palm Beach			
Sex: Male	Length: 211 cm	Estimated: No	Weight: 135 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied:	R:	L:	
State: FL	City: Jupiter	County: Palm Beach	Waterway: SW Fork Loxahatchee River	
Latitude (Decimal Degrees): 26.93664° N		Longitude (Decimal Degrees): -80.13961° W		
Locality Description: approximately 58 m NE of the Island Way bridge, along N shore				
Method of Capture: Stretcher				

Natural  
Cold Stress

## REASON FOR RESCUE

Check one of the following:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Watercraft             | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human) |
| <input checked="" type="checkbox"/> Cold Stress | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded   |
| <input type="checkbox"/> Orphan                 | <input type="checkbox"/> Other: (Specify): _____ |   |

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
1 February 2014	At 1741 hrs, FWC-Tom Reinert (TRR) received a text alert from FWC SO Dispatch-Palm Beach regarding an emaciated manatee with possible cold stress in the SW fork of the Loxahatchee River, Jupiter, Palm Beach County. FWC case number 0870 was assigned. TRR contacted the complainant, Ann (561-262-4907), who had observed an injured manatee that was bleeding from the head and muzzle, near Island Way on the east side of the bridge in the river. TRR was able to arrive on scene by 1800 hrs, where he found Jupiter PD officers in the water with the distressed manatee. The manatee was grounded in shallow water near the shoreline. TRR assessed the manatee, returned to the

Tequesta Field Station to get the rescue truck, then met Jupiter PD and Jupiter Fire Rescue back at the location. TRR, with the help of Jupiter PD and Jupiter Fire Rescue, was got the manatee onto a stretcher and carried it up the bank of the canal to the rescue truck by 1920 hrs. TRR and Palm Beach County's Alessandra Medri continued transport to Miami Seaquarium, arriving by 2125 hrs.

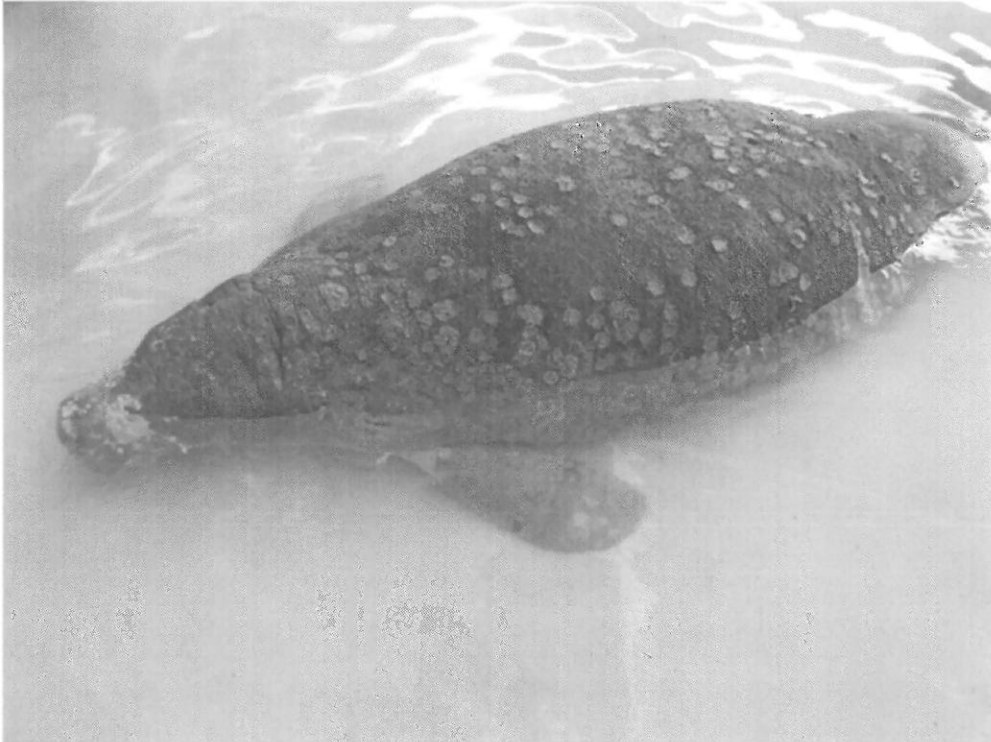
## **PARTICIPANTS**

FWC-Tom Reinert  
PBC-Alessandra Medri  
Jupiter Police Department  
Jupiter Fire Rescue

## **Edited by:**

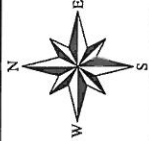
TRR  
DJS  
AJG

(02/20/2013)









# Verified Response Location of Manatee Rescue RSE1402

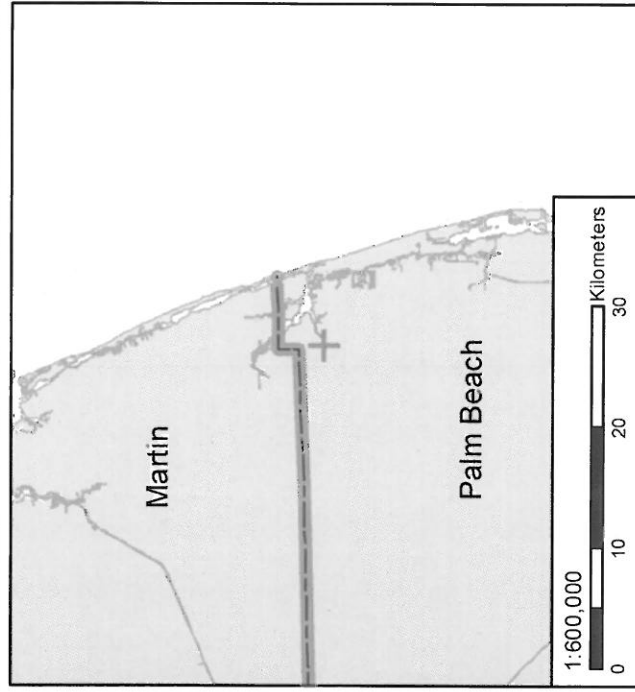
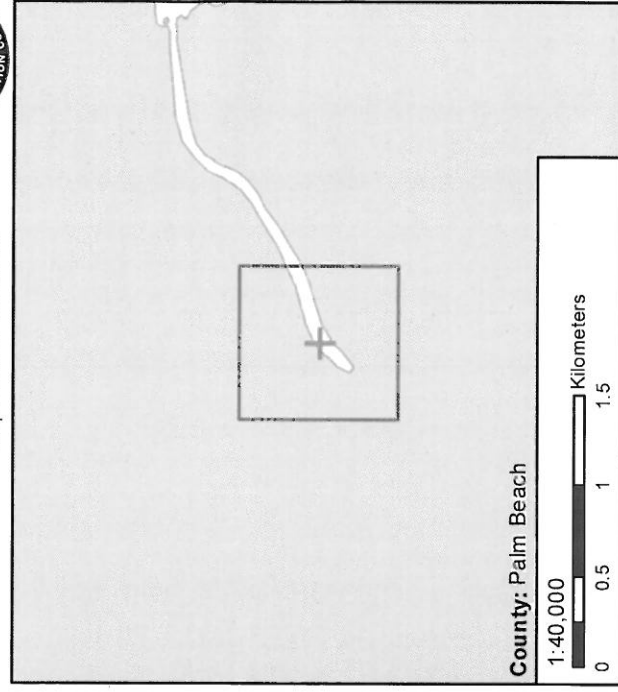
Rescue Date: 2/1/2014

Facility ID: MSTm1401

Map Created 10/9/2015



C-18 Indiantown Road Access



## Locality Description:

approximately 58 m NE of the Island Way bridge, along N shore

Latitude: 26.93664°N

Longitude: -80.13961°W

Florida Fish and Wildlife Conservation Commission  
SE Field Station, 19100 SE Federal Highway, Tequesta, FL 33469

Resc  
Rescue ID # RSE1402

FWC Case # 0870  
Date reported: 1 February 2014  
Sex: ☒ M / F / U  
Length: 211 cm (estimated \_\_\_\_\_)

LOCATION: State: ☒ FL / other  
County: Palm Beach  
City: Jupiter  
Waterway: C-18 canal (Loxahatchee River)

REASON FOR RESCUE: Cold Stress  
Time Andy Garrett notified: 1700  
Outcome: (taken to facility, died, released on site): Taken to Miami Seaquarium  
Time of Death: \_\_\_\_\_

MSTM1401

"OX"

Natural  
Cold Stress

Szemer, Donna

Resc  
Natural  
Colony

From: mayadvn@msn.com  
Sent: Tuesday, February 04, 2014 10:53 AM  
To: Garrett, Andy; Adrienne Atkins; Amy Teague; Andrew Gude; Barlas, Margie; Baxter, Kevin; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennille; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Sisco, Valerie; Stefanie Barrett; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
Subject: RE: rescue updates  
Attachments: MSTm1401 body (small).jpg; DSCN5418.JPG

MSTM14  
RSE1402

The Loxahatchee manatee 211 cm has cold lesions on its axillas and muzzle but its weight loss appears of longer duration than the lesions. He also has a watery brown diarrhea (also flukes in the stool) and fairly empty stomach and an older lesion on his caudal area that may be a hull strike (?) (maybe the hull had barnacles on it and scraped just adjacent to it(?) pic attached). The flippers are moderately stiff, he is on a flotation device and is being tubed to get the gut working again, antibiotics and deworming started. Once we can get him more stable we will workup the older lesion. His blood is not too bad so far.

Maya

---

From: [Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)  
To: [atkinsa@jacksonvillezoo.org](mailto:atkinsa@jacksonvillezoo.org); [amy\\_teague@usgs.gov](mailto:amy_teague@usgs.gov); [andrew\\_gude@fws.gov](mailto:andrew_gude@fws.gov); [Margie.Barlas@MyFWC.com](mailto:Margie.Barlas@MyFWC.com); [Kevin.Baxter@MyFWC.com](mailto:Kevin.Baxter@MyFWC.com); [Bill.Hughes@seaworld.com](mailto:Bill.Hughes@seaworld.com); [jpowell@sea2shore.org](mailto:jpowell@sea2shore.org); [carol.knox@MyFWC.com](mailto:carol.knox@MyFWC.com); [cathy\\_beck@usgs.gov](mailto:cathy_beck@usgs.gov); [millercl@jaxzoo.org](mailto:millercl@jaxzoo.org); [kogiavet@hotmail.com](mailto:kogiavet@hotmail.com); [Martine.deWit@MyFWC.com](mailto:Martine.deWit@MyFWC.com); [Katherine.Frisch@MyFWC.com](mailto:Katherine.Frisch@MyFWC.com); [gjern@co.volusia.fl.us](mailto:gjern@co.volusia.fl.us); [glovewell@mote.org](mailto:glovewell@mote.org); [Allison.Honaker@MyFWC.com](mailto:Allison.Honaker@MyFWC.com); [Jennifer.Johnson@MyFWC.com](mailto:Jennifer.Johnson@MyFWC.com); [jim\\_reid@usgs.gov](mailto:jim_reid@usgs.gov); [jim\\_valade@fws.gov](mailto:jim_valade@fws.gov); [jtuzinski@msq.cc](mailto:jtuzinski@msq.cc); [ktripp@savethemanatee.org](mailto:ktripp@savethemanatee.org); [kjennings@savethemanatee.org](mailto:kjennings@savethemanatee.org); [Kimberlee.Tennille@dep.state.fl.us](mailto:Kimberlee.Tennille@dep.state.fl.us); [laura.eldredge@gmail.com](mailto:laura.eldredge@gmail.com); [Leeann.Rottman@LowryParkZoo.com](mailto:Leeann.Rottman@LowryParkZoo.com); [Florida.Mammals@LowryParkZoo.com](mailto:Florida.Mammals@LowryParkZoo.com); [Meg.Martz@MyFWC.com](mailto:Meg.Martz@MyFWC.com); [MayaDVM@msn.com](mailto:MayaDVM@msn.com); [ron.mezich@MyFWC.com](mailto:ron.mezich@MyFWC.com); [michael.boos@seaworld.com](mailto:michael.boos@seaworld.com); [walshm@ufl.edu](mailto:walshm@ufl.edu); [mrossbtl@aol.com](mailto:mrossbtl@aol.com); [Andrea.Mosier@MyFWC.com](mailto:Andrea.Mosier@MyFWC.com); [kapustinn@jacksonvillezoo.org](mailto:kapustinn@jacksonvillezoo.org); [nicole\\_adimey@fws.gov](mailto:nicole_adimey@fws.gov); [Pamela.Sweeney@dep.state.fl.us](mailto:Pamela.Sweeney@dep.state.fl.us); [prose@savethemanatee.org](mailto:prose@savethemanatee.org); [Randy.Runnells@SeaWorld.com](mailto:Randy.Runnells@SeaWorld.com); [ray.ball@lowryparkzoo.com](mailto:ray.ball@lowryparkzoo.com); [rhazelkorn@mote.org](mailto:rhazelkorn@mote.org); [Tom.Reinert@MyFWC.com](mailto:Tom.Reinert@MyFWC.com); [robert\\_bonde@usgs.gov](mailto:robert_bonde@usgs.gov); [rrose@msq.cc](mailto:rrose@msq.cc); [robert.wagoner@seaworld.com](mailto:robert.wagoner@seaworld.com); [Kari.Rood@MyFWC.com](mailto:Kari.Rood@MyFWC.com); [rffloyd@ufl.edu](mailto:rffloyd@ufl.edu); [Carli.Segelson@MyFWC.com](mailto:Carli.Segelson@MyFWC.com); [Valerie.Sisco@MyFWC.com](mailto:Valerie.Sisco@MyFWC.com); [Stefanie\\_Barrett@fws.gov](mailto:Stefanie_Barrett@fws.gov); [Steven.Lehr@SeaWorld.com](mailto:Steven.Lehr@SeaWorld.com); [sbutler@usgs.gov](mailto:sbutler@usgs.gov); [Susan.lowe@dep.state.fl.us](mailto:Susan.lowe@dep.state.fl.us); [Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com); [ufgerlach@gmail.com](mailto:ufgerlach@gmail.com); [Virginia.Edmonds@LowryParkZoo.com](mailto:Virginia.Edmonds@LowryParkZoo.com); [Leslie.Ward@MyFWC.com](mailto:Leslie.Ward@MyFWC.com)  
Date: Mon, 3 Feb 2014 08:55:56 -0500  
Subject: rescue updates

### Orange River:

On Saturday, the FWC-SWFL received a report from a citizen of a distressed manatee in the Orange River. The initial report was that the citizen was supporting an exhausted adult manatee in shallow water with an

entangled flipper. When FWC staff arrived on scene they found a large thin manatee that was alive, but ventrum up and lethargic. The manatee was placed in a stretcher and towed to shore. The manatee was taken to Lowry Park Zoo, but unfortunately died. The necropsy will be this morning.

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On Saturday, FWC-SEFL staff responded to a report of a tidally stranded manatee north of the inlet. The sub-adult female manatee was moved to deeper water and released.

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On Saturday evening, a small cold stressed lethargic manatee was reported to the SEFL by local pd. The 211 cm male manatee was stretchered to a waiting transport truck and taken to Miami Seaquarium.

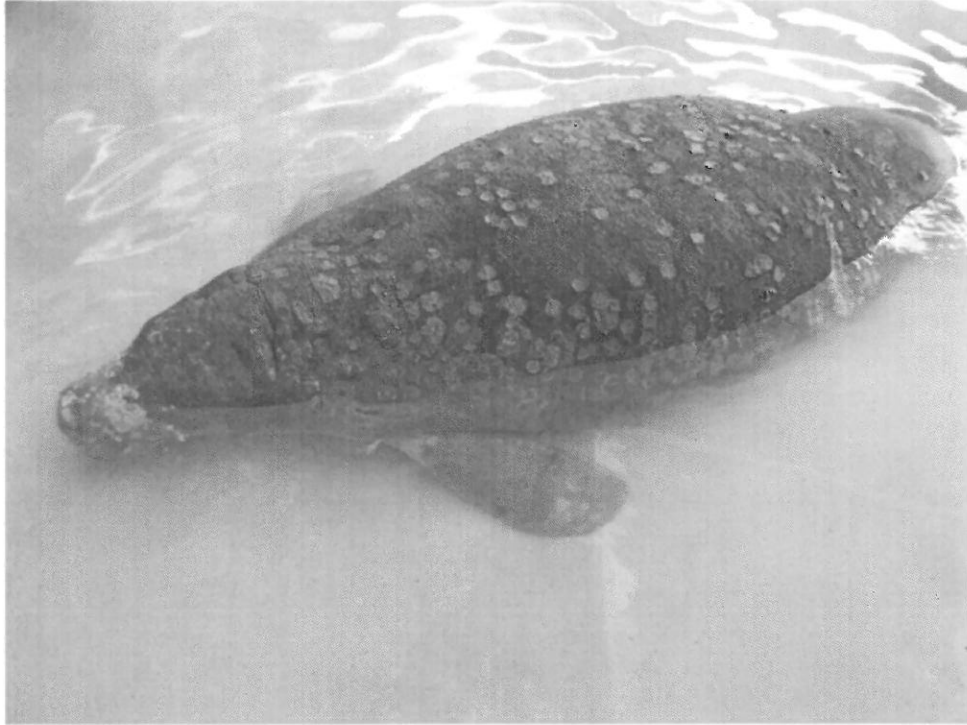
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-Andy

MSTM14

RSE1402





MSTM14  
RSE1402

## Injured manatee rescued in Jupiter, sent to Miami Seaquarium for recovery



An injured manatee was rescued in Jupiter last night at Island Way and Indiantown Road.

Posted: 02/02/2014

- By: Jason Davis

An injured manatee was rescued in Jupiter last night at Island Way and Indiantown Road.

FWC was on location with their Manatee Rescue vehicle, as well as the Jupiter Police Department and Palm Beach County Fire Rescue.

Officers from each department assisted in lifting the sick/injured manatee out of the southwest fork of the Loxahatchee River (behind PBCFR station 19) and into FWC's Manatee Rescue vehicle.

The injured manatee was transported to Miami Seaquarium.

Read more: [http://www.wptv.com/dpp/news/region\\_n\\_palm\\_beach\\_county/jupiter/injured-manatee-rescued-in-jupiter-sent-to-miami-seaquarium-for-recovery#ixzz2sMzfFDEP](http://www.wptv.com/dpp/news/region_n_palm_beach_county/jupiter/injured-manatee-rescued-in-jupiter-sent-to-miami-seaquarium-for-recovery#ixzz2sMzfFDEP)

**Florida Fish and Wildlife Conservation Commission**

(727) 896-8626

**West Indian Manatee (*Trichechus manatus*)**

Manatee ID: MSTm1401 Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Name: OX Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: MSQ Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: Capture Rescue X Pre-release Assess. Release Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

MORPHOMETRICS	Weight: (lb or kg)	Manatee + stretcher	Stretcher weight
Lengths	Total Length (curvilinear) (cm)	257 cm	
	Total Length (straight)	230 cm	
	Snout to Peduncle	174 cm	
	Snout to Anus	166 cm	
	Snout to Umbilicus	96 cm	
Girths	Girth at Peduncle: 110cm actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: 132 cm actual		
	Girth at Umbilicus: 91 cm actual		
	Girth at Axilla: 141cm actual		

ULTRASOUND	Reader Name:			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: 1 / 2	1	/	/	/
Other:	2	/	/	/
	3	/	/	/

CONDITION	Body Score:	1	2	3	4	5	
		Poor	Fair	Good	Very Good	Excellent	/ Undetermined
	Peanut shaped head?	No		Ribs visible?	No		
	Side between anus & peduncle:			Rounded			
	Ventrum:			Rounded			
	Fresh Wounds or Lesions:			No			
	Person(s) assessing condition:			Dr. Maya Rodriguez			

REPROD. STATUS	Pregnant?	No
	Lactating?	No

SAMPLES	Milk sample collected? stored?	No
	Volume of milk collected? / Teat?	N/A
	Person collecting milk?	N/A
	Urine? stored?	No
	Fecal? stored?	No
	Skin? stored?	No
	Cookie?	Genetic Tube Taken

MONITORING	Heartrate: Stethoscope
	Temperature: Nasal
	Respiratory Rate? Yes

Manatee ID: MSTm1401

Manatee Name: Ox

Date: 12-12-2014

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods	1			L / R
processed	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture? No	
	PIT tagged by:	Dr. Maya Rodriguez 7-24-14		
	Right #	00 - 072A - 971E		
	Left #	00 - 06F0 - EFC5		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER Strength / Length</b>	Strength:	Length: ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by: Dr. Maya Rodriguez	Right side, Left side, Body, Face, Paddle		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

Comments

WPTV West Palm Beach

# Manatee returned to the wild by FWC after rehabilitation at Miami Seaquarium

Jason Davis

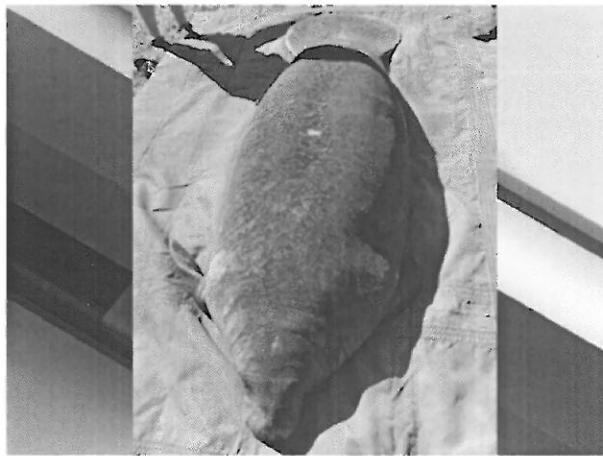
3:22 PM, Jan 27, 2015

7:51 PM, Jan 27, 2015

MSTM1401  
RSE1402



Manatee rescued in Jupiter has returned to the wild after nearly a year of rehabilitation  
WPTV



Pictures by FWC

MSTM1401  
RSE1402



Pictures by FWC



Pictures by FWC

A young male manatee has returned to the wild after nearly a year of rehabilitation at the Miami Seaquarium.

The manatee was rescued in February 2014 in the SW fork of the Loxahatchee River in Jupiter. A paddle boarder discovered the manatee in shallow water and alerted the Jupiter Police Department, who contacted the Florida Wildlife Commission.

Once on the scene a FWC manatee biologist determined the thin manatee needed to be rescued. Jupiter Fire Rescue assisted with carrying the manatee to the FWC manatee transport truck where he was taken to the Miami Seaquarium.

The manatee was determined to have internal injuries due to watercraft strike as well as mild cold stress.

FWC officials say the over 6-foot-long manatee was estimated to weigh 300 lbs.

Following rehabilitation, the manatee is now around 650 lbs. and was deemed ready to return to the wild.

The manatee was released today at Willoughby Creek in Stuart.

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<http://www.wptv.com/news/state/manatee-returned-to-the-wild-by-fwc-after-rehabilitation-at-miami-seaquarium>



# Rescue Report

RSE1406

Resc/Rel  
3/10/14 2/22/1

Watercraft

## GENERAL

Date of Rescue: 10 March 2014 Date of Initial Call: 09 March 2010 Filed by: L. Connor  
Rescue ID: RSE1406 Facility ID: MSTm1402 Other ID: Mudpie  
FWC Case Number: 1861 FWC Region: South  
Sex: Female Length: 182 cm Estimated: No Weight: kg Estimated:  
PIT Tag Present: No PIT Tag Applied: No R: L:  
State: FL City: Port St. Lucie County: St. Lucie Waterway: Little Mud Creek  
Latitude (Decimal Degrees): 27.378530° N Longitude (Decimal Degrees): -80.255450° W  
Locality Description: Little Mud Creek Basin, approximately 30 m N of the boat ramp at 5100 S Ocean Drive  
Method of Capture: Hoop net

## REASON FOR RESCUE

Check one of the following:

- ☒ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☐ Orphan ☐ Other: (Specify): \_\_\_\_\_

## Watercraft

Check all that apply:

- ☒ Penetrating Cuts ☐ Impact ☐ Other

Describe: open/necrotic propeller wounds on dorsum

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
09 March 2014	At 1500 hrs, FWC Aarin Allen (ACA) received a text alert from FWC SO Dispatch- Palm Beach regarding an injured manatee in Little Mud Creek, Port

St. Lucie, St. Lucie County. FWC case number 1861 was assigned. The complainant left themselves anonymous so ACA contacted FWC SO Dispatch-Palm Beach to request officer assistance to check on the manatee and get photos. At 1600 hrs, FWC LE Lt. Rogerson arrived on scene and was able to get photos of the manatee, but didn't think the scars were of concern. ACA received the photos at 2145 hrs and proceeded to forward the photos and information of the severely injured manatee to FWC Tom Reinert (TRR) and FWC Lauren Connor (LAC).

**10 March 2014**

At 0900 hrs, LAC contacted FWC SO Dispatch-Palm Beach to request officer assistance in locating the injured manatee. At 1100 hrs, FWC LE Ofc. Irwin arrived on scene and located a group of three manatees, but was unable to see scars on any of them. Ofc. Irwin stated that he would return in a couple of hours to see if he could locate the injured manatee at that time. LAC and FWC volunteer Kate McMahon (KSM) decided to go to Little Mud Creek and look for the manatee themselves. En route to the scene, LAC received a call from FWC LE Lt. Rogerson stating that he and Ofc. Irwin had located the injured manatee. LAC passed the information on to FWC-TRR, and HBOI Steve Burton. LAC and KSM arrived on scene by 1500 hrs and monitored the manatee's behavior until TRR, HBOI Steve Burton and volunteers arrived on scene with the rescue truck at 1700 hrs. Using the hoop net, the rescue team captured the manatee in shallow water along the shoreline of the basin by 1730 hrs. LAC transported the manatee to Miami Seaquarium, arriving by 2000 hrs.

**PARTICIPANTS**

FWC SE- Tom Reinert, Lauren Connor

FWC Volunteers- Kate McMahon, Diane Arrieta, Nicole Malizia

FWC LE- Lt. Rogerson, Ofc. Irwin

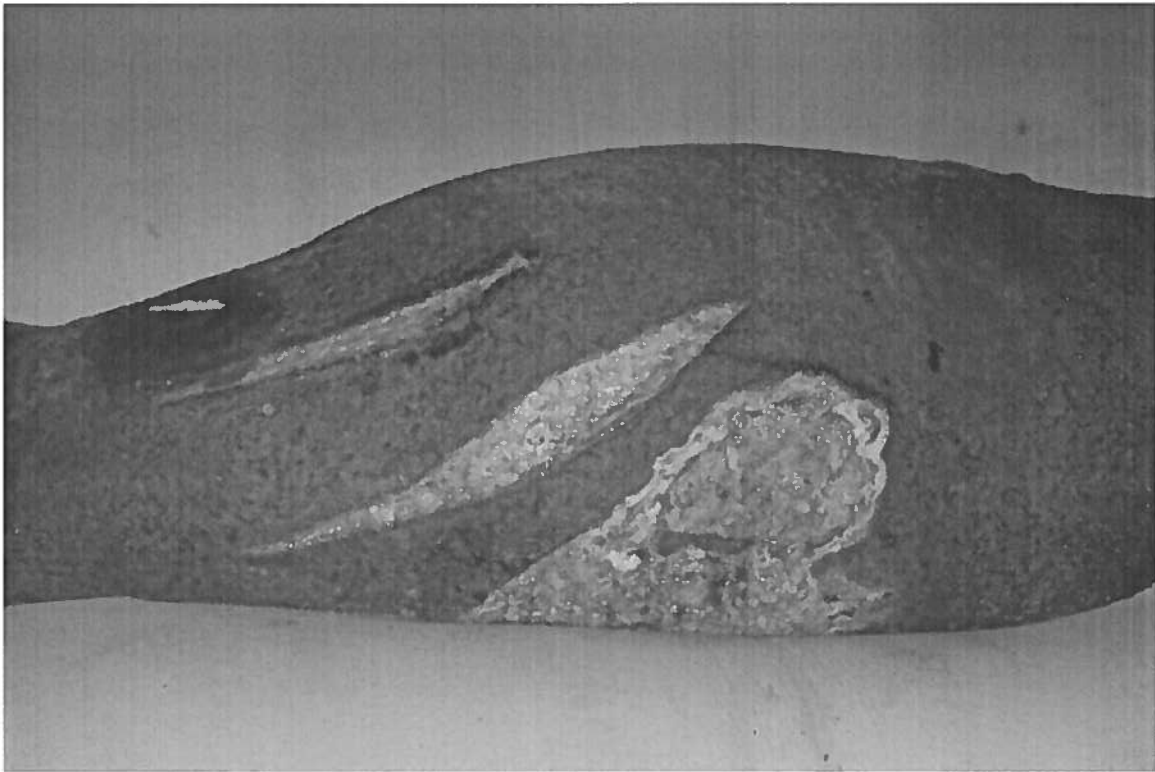
HBOI-Steve Burton and volunteers

**Edited by:**

TRR  
DJS  
AJG







MSTM1402  
RSE1406





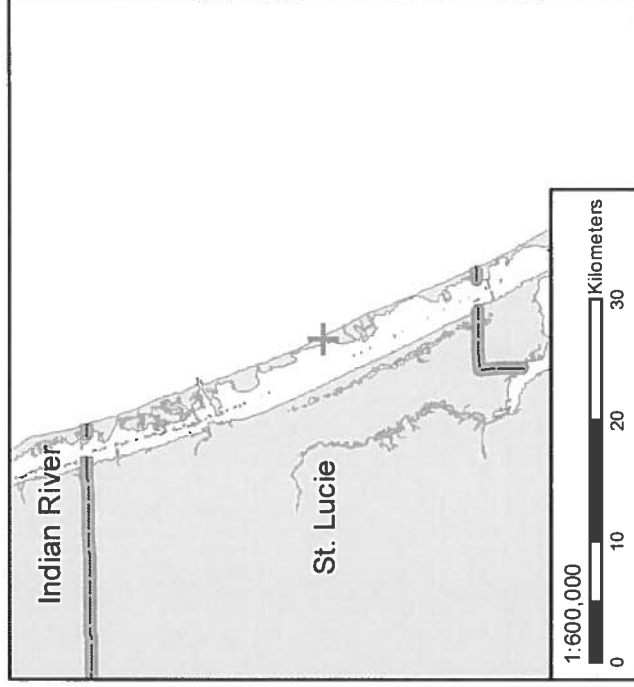
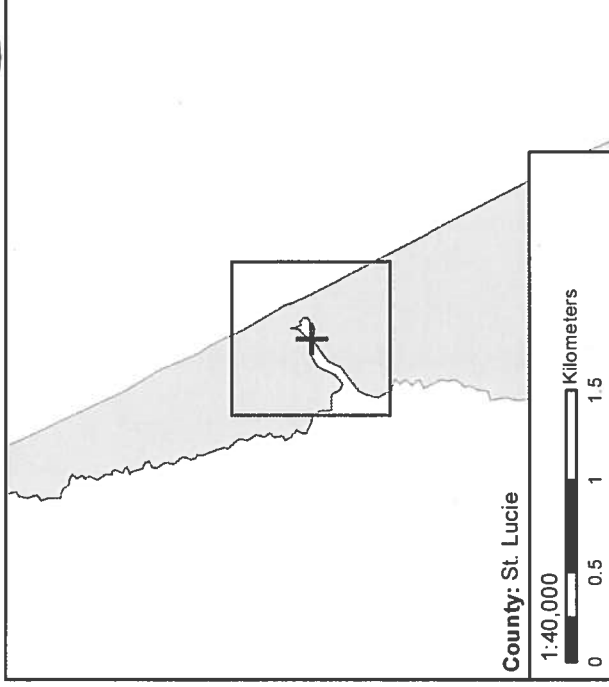
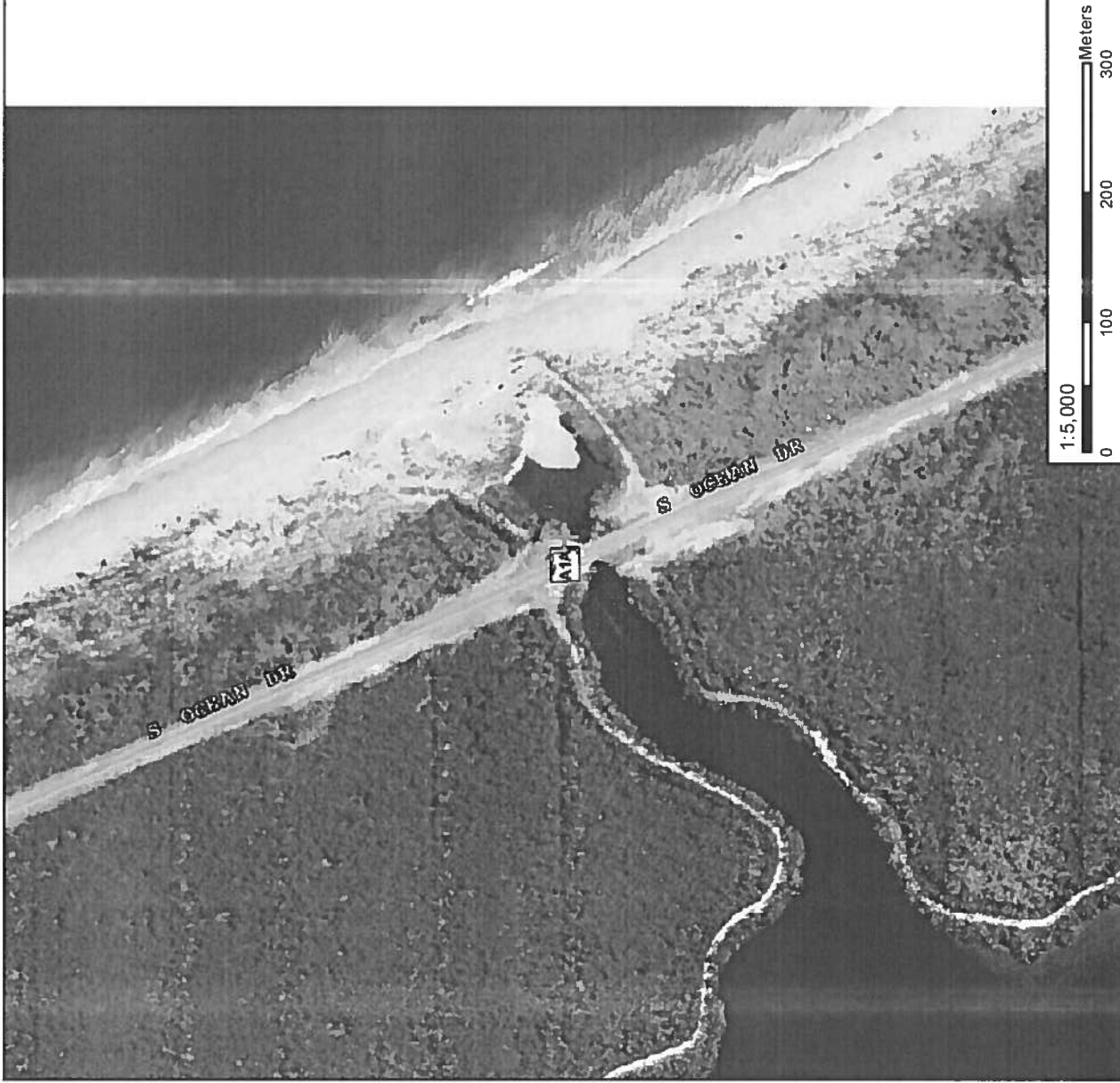
# Verified Response Location of Manatee Rescue RSE1406



Rescue Date: 3/10/2014

Facility ID: MSTm1402

Map Created 10/9/2015



## Locality Description:

Little Mud Creek Basin, approximately 30 m N of the boat ramp at 5100 S Ocean Drive

Latitude: 27.37853°N

Longitude: -80.25545°W

Florida Fish and Wildlife Conservation Commission  
SE Field Station, 19100 SE Federal Highway, Tequesta, FL 33469

Rescue ID # RSE1406

FWC Case # 1861  
Date reported: 10 March 2014  
Length: 182 cm (estimated No )  
M / ☒ F / U

MSTM1402  
"Mudpie"

LOCATION: State: ☒ FL / other  
County: St. Lucie  
City: Hutchinson Island  
Waterway: Little Mud Creek

REASON FOR RESCUE: Watercraft  
Time Andy Garrett notified: 1530  
Outcome: (taken to facility, died, released on site): Taken to Miami Seaquarium  
Time of Death: \_\_\_\_\_

Szemer, Donna

Rescue  
Watercraft

**From:** mayadvn@msn.com  
**Sent:** Thursday, March 13, 2014 10:54 AM  
**To:** Garrett, Andy; Adrienne Atkins; Amy Teague; Andrew Gude; Barlas, Margie; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennille; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; Pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazekorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Sisco, Valerie; Stefanie Barrett; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
**Subject:** RE: Rescue update  
**Attachments:** manatee2 (640x480).jpg

MSTM1402, RSE1406

Hi, The small female brought in from St Lucie (pic attached, ouch) "Muddypie" has a severe prop laceration and blood shows severe infection but thus far has responded well to antibiotics, wound care, tubing and NSAIDs she rested mostly the 2nd day but is now eating very well. From a few weeks ago the other small manatee from Loxahatchee ("Ox") was primarily a hull strike on his lateral side as he had 5 liters of liquid in his chest and broken rib but is also responding very well and eating well.

Maya

---

**From:** [Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)  
**To:** [atkinsa@jacksonvillezoo.org](mailto:atkinsa@jacksonvillezoo.org); [amy\\_teague@usgs.gov](mailto:amy_teague@usgs.gov); [andrew\\_gude@fws.gov](mailto:andrew_gude@fws.gov); [Margie.Barlas@MyFWC.com](mailto:Margie.Barlas@MyFWC.com); [Bill.Hughes@seaworld.com](mailto:Bill.Hughes@seaworld.com); [jpowell@sea2shore.org](mailto:jpowell@sea2shore.org); [carol.knox@MyFWC.com](mailto:carol.knox@MyFWC.com); [cathy\\_beck@usgs.gov](mailto:cathy_beck@usgs.gov); [millerc@jaxzoo.org](mailto:millerc@jaxzoo.org); [kogiavet@hotmail.com](mailto:kogiavet@hotmail.com); [Martine.deWit@MyFWC.com](mailto:Martine.deWit@MyFWC.com); [Katherine.Frisch@MyFWC.com](mailto:Katherine.Frisch@MyFWC.com); [gzern@co.volusia.fl.us](mailto:gzern@co.volusia.fl.us); [glovewell@mote.org](mailto:glovewell@mote.org); [Allison.Honaker@MyFWC.com](mailto:Allison.Honaker@MyFWC.com); [Jennifer.Johnson@MyFWC.com](mailto:Jennifer.Johnson@MyFWC.com); [jim\\_reid@usgs.gov](mailto:jim_reid@usgs.gov); [jim\\_valade@fws.gov](mailto:jim_valade@fws.gov); [jtuzinski@msq.cc](mailto:jtuzinski@msq.cc); [ktripp@savethemanatee.org](mailto:ktripp@savethemanatee.org); [kjennings@savethemanatee.org](mailto:kjennings@savethemanatee.org); [Kimberlee.Tennille@dep.state.fl.us](mailto:Kimberlee.Tennille@dep.state.fl.us); [laura.eldredge@gmail.com](mailto:laura.eldredge@gmail.com); [Leeann.Rottman@LowryParkZoo.com](mailto:Leeann.Rottman@LowryParkZoo.com); [Florida.Mammals@LowryParkZoo.com](mailto:Florida.Mammals@LowryParkZoo.com); [Meg.Martz@MyFWC.com](mailto:Meg.Martz@MyFWC.com); [MayaDVM@msn.com](mailto:MayaDVM@msn.com); [ron.mezich@MyFWC.com](mailto:ron.mezich@MyFWC.com); [michael.boos@seaworld.com](mailto:michael.boos@seaworld.com); [walshm@ufl.edu](mailto:walshm@ufl.edu); [mrossbtl@aol.com](mailto:mrossbtl@aol.com); [Andrea.Mosier@MyFWC.com](mailto:Andrea.Mosier@MyFWC.com); [kapustinn@jacksonvillezoo.org](mailto:kapustinn@jacksonvillezoo.org); [nicole\\_adimey@fws.gov](mailto:nicole_adimey@fws.gov); [Pamela.Sweeney@dep.state.fl.us](mailto:Pamela.Sweeney@dep.state.fl.us); [prose@savethemanatee.org](mailto:prose@savethemanatee.org); [Jessica.Pernell@MyFWC.com](mailto:Jessica.Pernell@MyFWC.com); [Randy.Runnells@SeaWorld.com](mailto:Randy.Runnells@SeaWorld.com); [ray.ball@lowryparkzoo.com](mailto:ray.ball@lowryparkzoo.com); [rhazekorn@mote.org](mailto:rhazekorn@mote.org); [Tom.Reinert@MyFWC.com](mailto:Tom.Reinert@MyFWC.com); [Kelly.Richmond@MyFWC.com](mailto:Kelly.Richmond@MyFWC.com); [robert\\_bonde@usgs.gov](mailto:robert_bonde@usgs.gov); [rrose@msq.cc](mailto:rrose@msq.cc); [robert.wagoner@seaworld.com](mailto:robert.wagoner@seaworld.com); [Kari.Rood@MyFWC.com](mailto:Kari.Rood@MyFWC.com); [rffloyd@ufl.edu](mailto:rffloyd@ufl.edu); [Carli.Segelson@MyFWC.com](mailto:Carli.Segelson@MyFWC.com); [Valerie.Sisco@MyFWC.com](mailto:Valerie.Sisco@MyFWC.com); [Stefanie\\_Barrett@fws.gov](mailto:Stefanie_Barrett@fws.gov); [Steven.Lehr@SeaWorld.com](mailto:Steven.Lehr@SeaWorld.com); [sbutler@usgs.gov](mailto:sbutler@usgs.gov); [Susan.lowe@dep.state.fl.us](mailto:Susan.lowe@dep.state.fl.us); [Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com); [ufgerlach@gmail.com](mailto:ufgerlach@gmail.com); [Virginia.Edmonds@LowryParkZoo.com](mailto:Virginia.Edmonds@LowryParkZoo.com); [Leslie.Ward@MyFWC.com](mailto:Leslie.Ward@MyFWC.com)  
**Date:** Tue, 11 Mar 2014 13:43:01 -0400  
**Subject:** Rescue Alert

#### **Marineland:**

A FWC team is responding to report of a 6 ft (maybe a little more) manatee with a slight peanut head and heavy algal mat in a lagoon area in Marineland (just south of St. Augustine). The FWC team plans to capture the manatee and transport it to Lowry Park.

**Port of the Islands:**

This morning, a FWC LE officer confirmed an excessively buoyant and listing adult manatee in Port of the Islands. Rookery Bay is currently heading to the manatee to get photos. A rescue is being planned for tomorrow on this manatee assuming the photos confirm the officer's description. The FWC will be contacting MSQ to confirm that they would be able to accept this manatee.

-Andy

## Szemer, Donna

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**From:** Garrett, Andy  
**Sent:** Tuesday, March 11, 2014 9:26 AM  
**To:** Adrienne Atkins; Amy Teague; Andrew Gude; Barlas, Margie; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Maya; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazekorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Sisco, Valerie; Stefanie Barrett; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
**Subject:** Rescue Update  
**Attachments:** IMG\_0209.jpg

### Southeast Florida:

RS E1406

The FWC captured the small manatee (182 cm) with a concerning watercraft series from the St. Lucie nuclear plant yesterday and transported it to Miami Seaquarium (photo attached).

### Southwest Florida:

RS W1408

Yesterday afternoon, a FWC rescue team responded to a report of a large watercraft injured, excessively buoyant manatee in St. James City. The 1,500 lbs manatee was captured and transported to Lowry Park Zoo.

-Andy

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**From:** Garrett, Andy  
**Sent:** Monday, March 10, 2014 3:15 PM  
**To:** 'Adrienne Atkins'; 'Amy Teague'; 'Andrew Gude'; Barlas, Margie; 'Bill Hughes'; 'Buddy Powell'; 'Carol Knox'; 'Cathy Beck'; 'Craig Miller'; 'Craig Pelton'; deWit, Martine; Frisch, Katherine; 'Georgia Zern'; 'Gretchen Lovewell'; Honaker, Allison; 'Jen Johnson'; 'Jim Reid'; 'Jim Valade'; 'Jodi Tuziniski'; 'Katie Tripp'; 'Kelsey Jennings'; 'Kimberlee Tennile'; 'Laura Eldridge'; 'Leeann Rottman'; 'Lowry Park Zoo Florida Mammals'; Martz, Meg; 'Maya'; Mezich, Ron; 'Michael Boos'; 'Mike Walsh'; 'Monica Ross'; Mosier, Andrea; 'Nick Kapustin'; 'Nicole Adimey'; 'pamela Sweeney'; 'Pat Rose'; Pernell, Jessica; 'Randy Runnells'; 'Ray Ball'; 'Rebecca Hazekorn'; Reinert, Tom; Richmond, Kelly; 'Robert Bonde'; 'Robert Rose'; 'Robert Wagoner'; Rood, Kari; 'Ruth Francis-Floyd'; Segelson, Carli; Sisco, Valerie; 'Stefanie Barrett'; 'Steve Lehr'; 'Susan Butler'; 'Susan Lowe'; Szemer, Donna; 'Trevor Gerlach'; 'Virginia Edmonds'; Ward, Leslie  
**Subject:** rescue alert

### St. Lucie Nuclear Plant:

The FWC-SEFL is responding to a report of a sub-adult manatee with a large wound near the St. Lucie Nuclear Plant (photo attached). If captured, the manatee will be taken to MSQ.

-Andy



## Szemer, Donna

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**From:** Howell, Amber  
**Sent:** Wednesday, February 22, 2017 9:10 AM  
**To:** Szemer, Donna  
**Subject:** release today

Today we are releasing "Mudpie" MSTm1402/RSE1406

Release location will be same as rescue location: St Lucie County, Port St Lucie, Little Mud Creek: releasing at the Blink Creek Boat Launch.

I'll send the HA form after the release. We will not be at the ramp until about 2pm so likely not back until after 4.

Amber Howell  
Research Associate – Marine Mammals  
Florida Fish and Wildlife Conservation Commission  
Marine Mammal Section  
19100 SE Federal Highway, Tequesta, FL 33469  
561-398-5914

Wildlife Alert Hotline: 1-888-404-3922

**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Manatee ID: MSTm1402 Temporary ID: RSE1402 Time Net Set: \_\_\_\_\_  
 Date: 1-18-2017 Time Captured(Onboard): \_\_\_\_\_  
 Name: Mudpie Sex: Female Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: Capture Rescue X Pre-release Assess. Release Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

MORPHOMETRICS		Manatee + stretcher		Stretcher weight
Weight: <u>1160</u> # (lb or kg) <u>2-22-2017</u>				
Lengths	Total Length (curvilinear) (cm)	<u>291</u>	cm	<u>1-18-17</u>
	Total Length (straight)	<u>270</u>	cm	<u>1-18-17</u>
2-22-2017	Snout to Peduncle	<u>193</u>	cm	<u>2-22-17</u>
	Snout to Anus	<u>163</u>	cm	<u>2-22-17</u>
	Snout to Umbilicus	<u>84</u>	cm	<u>2-22-17</u>
Girths	Girth at Peduncle: <u>125</u> cm actual	Ultrasound Loc: _____ cm Belt Loc: _____ in		
	Girth at Anus: <u>184</u> cm actual	<u>2-22-17</u>		
2-22-2017	Girth at Umbilicus: <u>239</u> cm actual	<u>2-22-17</u>		
	Girth at Axilla: <u>209</u> cm actual	<u>2-22-17</u>		

ULTRASOUND		Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle	
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>	
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>	
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>	

CONDITION	Body Score: 1 2 3 4 5				
	Poor	Fair	Good	Very Good	Excellent / Undetermined
Peanut shaped head?	No			No	
Ribs visible?				No	
Side between anus & peduncle:				Rounded	
Ventrum:				Rounded	
Fresh Wounds or Lesions:			No		
Person(s) assessing condition:			Dr. Maya Rodriguez		

REPROD. STATUS	Pregnant? No
Lactating?	No

SAMPLES	Milk sample collected? stored? No
Volume of milk collected? / Teat?	N/A
Person collecting milk?	N/A
Urine? stored?	No
Fecal? stored?	No
Skin? stored?	No
Cookie?	Genetic Tube taken

MONITORING	Heartrate: Stethoscope
Temperature: Nasal	
Respiratory Rate? Yes	

Manatee ID: MSTm1402

Manatee Name: Mudpie

Date: 1-18-2017

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture? No	
	PIT tagged by:	Dr. Maya Rodriguez 11-18-2015		
	Right #	00-072A-8EE7		
	Left #	00-072A-B976		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: _____ ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Left, Right, Front, Rear, Paddle, Scar		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

Comments

**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Manatee ID: MSTm1402      Temporary ID: \_\_\_\_\_      Time Net Set: \_\_\_\_\_  
 Date: 5-16-2017      Time Captured(Onboard): \_\_\_\_\_  
 Name: Mudpie      Sex: Female      Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_      Latitude: \_\_\_\_\_ N      Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium      Longitude: \_\_\_\_\_ W      Data Recorder: \_\_\_\_\_  
 Event: Capture      Rescue      Pre-release Assess.      ☒ Release      Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F      Water Temp = \_\_\_\_\_ C F      Wind: \_\_\_\_\_ mph      Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>1175#</u> (lb or kg) <u>5-16-2017</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	<u>287 cm</u>	
	Total Length (straight)	<u>265 cm</u>	
	Snout to Peduncle	<u>197 cm</u>	
	Snout to Anus	<u>171 cm</u>	
	Snout to Umbilicus	<u>94 cm</u>	
<b>Girths</b>	Girth at Peduncle: <u>125 cm</u> actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: <u>168 cm</u> actual		
	Girth at Umbilicus: <u>229 cm</u> actual		
	Girth at Axilla: <u>193 cm</u> actual		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor      Fair      Good      Very Good      Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u>
	Side between anus & peduncle: <u>Rounded</u>
	Ventrum: <u>Rounded</u>
	Fresh Wounds or Lesions: <u>No</u>
	Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? _____      No

<b>SAMPLES</b>	Milk sample collected? stored?      No
	Volume of milk collected? / Teat?      N/A
	Person collecting milk?      N/A
	Urine? stored?      No
	Fecal? stored?      No
	Skin? stored?      No
	Cookie?      Genetic Tube taken

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: MSTm1402

Manatee Name: Mudpie

Date: 5-16-2017

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture? No	
	PIT tagged by:	Dr. Maya Rodriguez 11-18-2015		
	Right #	00-072A-8EE7		
	Left #	00-072A-B976		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164._____ MHz		
	Tag Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC_____ Length: _____" Color: _____		
	Belt Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: _____ ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Left, Right, Front, Rear, Paddle, Scar		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

Comments



# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MNE1369  
Date of Report: 2013-Dec-04  
Filed By: FWC MMPL

FWC Case #

FWC Region: NC

Sex: Male

Length: 287 cm

Weight: 435.0 kg

DATE REPORTED: 2013-Dec-04

By: Sea to Shore-Monica Ross to FWC-NJG

DATE COLLECTED: 2013-Dec-04

By: FWC-RLC MMPL-ARH

DATE NECROPSIED: 2013-Dec-05

By: MMPL-MdW,AJG,BLB,ALP

LOCATION: State: FL

Latitude: 30.41759 N

County: Duval

Longitude: -81.44132 W

Waterway: Sisters Creek

Locality description: Jacksonville, sunken in a small creek E of Sisters Creek and W of Fort George Island, approximately 1.2 km NW of the intersection of Salt Marsh Trail and Palmetto Avenue.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Natural: Cold Stress

EXPLAIN: Cobblestone-like epidermis; Skin lesions; Emaciated; Depleted fats; Serous fats; Dark line kidney(s); Raw, spongy, reddened epidermis; Hemorrhagic band under cold-stressed epidermis; Copious fluid and mucus exuding from nares; Swollen, serous proximal flippers; Fluid in pleural cavities; Heavy, swollen, wet lungs; Fibrin-like tags on lungs, parietal pleura, hemidiaphragms; Fluid, froth, mucus in airways; Fluid-filled upper GI tract; Vegetation in mouth; Congested GI-, urinary bladder-, airway mucosa, mesenteries, pancreas, meninges, dura; Small kidney cysts; Firm thyroid.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Cranial, Internal, Other (lesions).

MATERIALS COLLECTED:

Genetics, Earbone, ELISA toxicology samples, Archive toxicology samples, Histology.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

Histology report. MRP emails

REMARKS:

PIT tag scan positive (Left: 00-0671-E170; Right: 00-0671-9029). Known as "Slip", LPZ102767, SWFTm9122cb, SWFT1201b, RNE1201, RNE1320. Born on 22 Nov 1991 at SeaWorld and originally released on 15 Feb 2010. Freeze brand "R1".

Page 1&2	20 Aug 2015
Necropsy Report	20 Aug 2015
Lat/Long	20 Aug 2015

# Rescue Report

RSE1407

Resc / Rel  
8/13/14

DH  
3/1/15  
(MSE15023)

## GENERAL

Date of Rescue: 26 March 2014	Date of Initial Call: 15 March 2014	Filed by: A. Allen		
Rescue ID: RSE1407	Facility ID: MSTM1403	Other ID: Meeka		
FWC Case Number: 2007, 2240, 2274, 2286		FWC Region: SO-West Palm Beach		
Sex: Female	Length: 235 cm	Estimated: No	Weight: 205 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied:	R:	L:	
State: FL	City: Indiantown	County: Martin	Waterway: St. Lucie Canal	
Latitude (Decimal Degrees): 27.01161° N		Longitude (Decimal Degrees): -80.45634° W		
Locality Description: approximately 145 meters SW of Warfield Blvd overpass				
Method of Capture: Rescue boat				

## REASON FOR RESCUE

Check one of the following:

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Watercraft | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress           | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded   |
| <input type="checkbox"/> Orphan                | <input type="checkbox"/> Other: (Specify): _____ |   |

## Watercraft

Check all that apply:

- |   |  |                                |
|---|--|--------------------------------|
| <input type="checkbox"/> Penetrating Cuts | <input checked="" type="checkbox"/> Impact | <input type="checkbox"/> Other |
|---|--|--------------------------------|

Describe: Superficial linear wound on the left dorsal aspect. Pneumothorax

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
15 March 2014	At 1020 hrs, FWC-Aarin Allen (ACA) received a text alert from FWC SO Dispatch-West Palm Beach regarding an injured manatee in Canal Point, Palm Beach County. FWC case number 2007 was assigned. ACA contacted the

complainant, Sharon Tyson (US Army Corps of Engineers; 863-677-0965) who stated that the manatee was unable to submerge and its back was significantly high out of the water. ACA contacted Dispatch to request officer assistance, but no officers were available. The complainant was able to supply photographs (CITZ\_2014-03-15\_04-06) of the injured manatee by 1635 hrs.

**16 March 2014**

FWC-Tom Reinert (TRR) was able to get a visual on the injured animal near Port Mayaca in the afternoon. Photos were taken.

**23 March 2014**

At 1029 hrs, FWC-Lauren Connor (LAC) received a text alert from FWC SO Dispatch-West Palm Beach regarding an injured manatee near Okeechobee Waterway, Indiantown, Martin County. FWC case number 2240 was assigned. LAC contacted the complainant, Chris (772-341-5646), who stated that the manatee could not submerge and looked bloated. LAC recorded the location and requested officer assistance for the following morning.

**24 March 2014**

At 0900 hrs, LAC contacted FWC SO Dispatch-Palm Beach to request officer assistance in locating the injured manatee. At 1100 hrs, LAC met FWC LE Ofc. Aswall at the Port Mayaca Boat Ramp to search for the manatee. At 1500 hrs, the search was called off and LAC and Ofc. Aswall headed back to the boat ramp. At 1515 hrs, LAC received a text alert from FWC SO Dispatch-West Palm Beach regarding an injured manatee in the St. Lucie Canal, Port Mayaca, Martin County. FWC case number 2274 was assigned. LAC contacted the complainant, Dep. Travis Dykes (Martin County Sheriff, MCSO; 772-260-6263) who observed the injured manatee floating high in the water near GPS coordinates 27° 00.541' N, -80° 28.946' W. At 1631 hrs, ACA received a call direct to his cell phone from Debbi at the Indiantown Marina (772-597-2455). Debbi stated that a manatee with its back floating high out of the water had just entered the marina. At 2242 hrs, LAC received a text alert from FWC SO Dispatch-West Palm Beach about an injured manatee in the St. Lucie Canal, Port Mayaca, Martin County. FWC case number 2286 was assigned. LAC contacted the complainant, Cynthia Dye (719-242-7431), who reported a manatee hit by a 60-70 ft yacht going 20-25mph by the FPL discharge canal, near GPS point 26.996303° N, -80.583354° W around 2000 hrs. Officers were sent out to search the area but they were unable to locate the manatee. A Known Boat Strike Report was filed.

**26 March 2014**

At 0900 hrs, LAC, FWC South Region PIC Katie Johnson and FWC volunteer Diane Arrieta set out from Port Mayaca to locate the injured manatee in St. Lucie Canal, Martin County. The manatee was located at 1100 hrs floating underneath the railroad track trestle. A rescue team of TRR, LAC, and ACA was assembled along with FWC Volunteer Will Sheehy, MCSO and West Palm Beach PD. At 1545 hrs, the manatee was located and captured by boat. At 2030 hrs, TRR and FWC volunteer Alessandra Medri arrived at Miami Seaquarium.

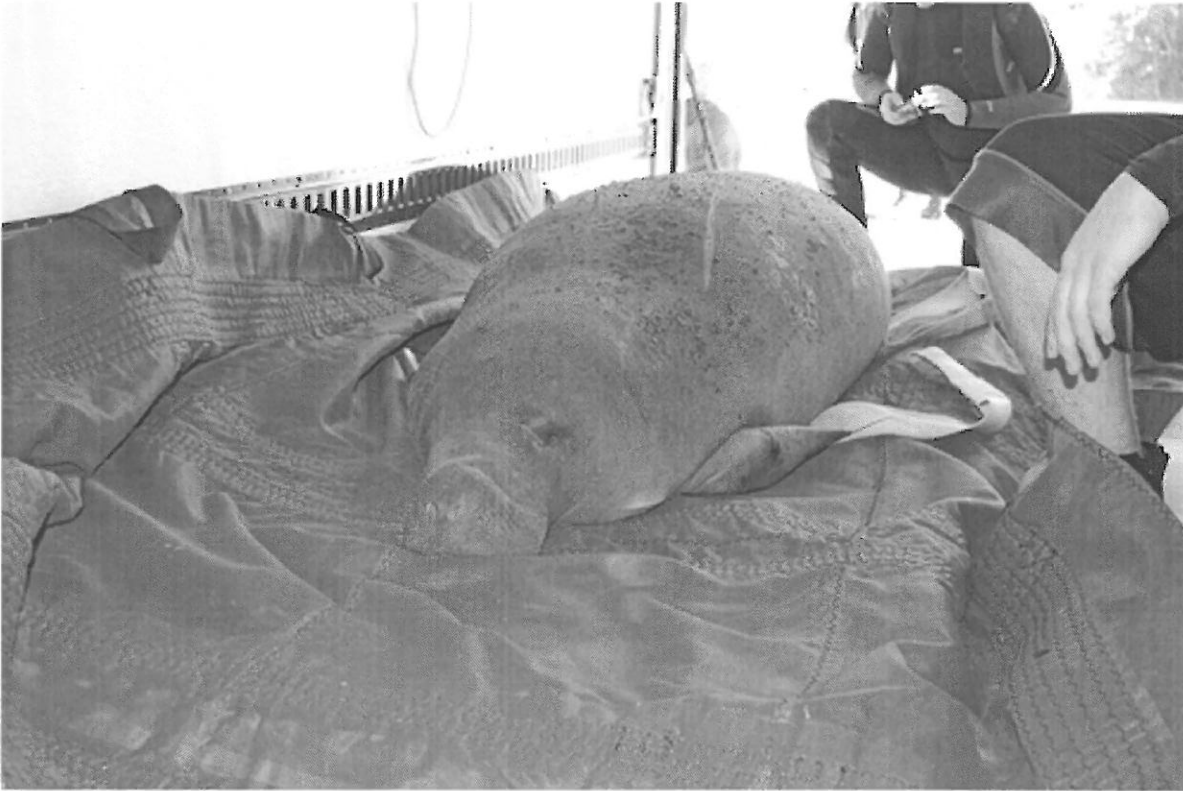
## PARTICIPANTS

FWC SE: Tom R. Reinert, Lauren A. Conner, Aarin C. Allen  
FWC volunteers: Will Sheely, Diane Arrieta, Alessandra Medri  
Martin County Sherriff  
West Palm Beach PD

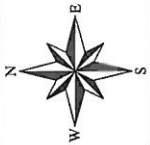
## Edited by:

TRR  
DJS  
AJG







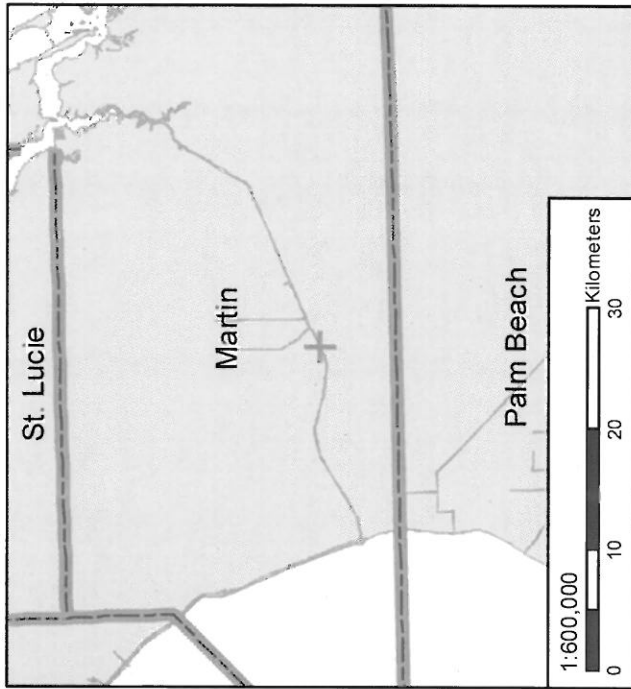
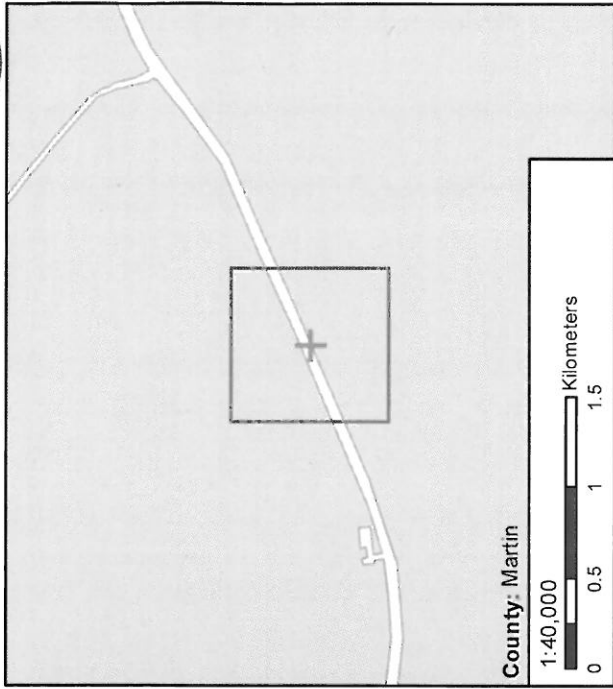


# Verified Response Location of Manatee Rescue RSE1407

Rescue Date: 3/26/2014

Facility ID: MSTm1403

Map Created 10/9/2015



## Locality Description:

approximately 145 meters SW of Warfield Blvd overpass

Latitude: 27.01161°N

Longitude: -80.45634°W

Szemer, Donna

*Resc / Rel  
8/13/14  
Watercraft*

**From:** mayadvn@msn.com  
**Sent:** Thursday, April 03, 2014 12:30 PM  
**To:** Garrett, Andy; Adrienne Atkins; Amy Teague; Barlas, Margie; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Sisco, Valerie; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
**Subject:** RE: rescue alert update  
**Attachments:** Meeca manatee (480x640).jpg; Meeka Left xray.jpg

*"Meeka"* *MSTM1403  
RSE1407*

Hi sorry late, This is the manatee Meeka that came from Indian Town buoyant, riding very high. Possible lock and then possibly struck by a boat (?). Attached are the external wounds (appear very superficial) and then the xray of the internal damage. The 5 broken ribs and severe pneumo were on the left side. She is eating now, aspirated much air mostly all out, and blood not bad. (Meeko is the raccoon thief from Pocahontas, she steals lettuce heads).

Maya

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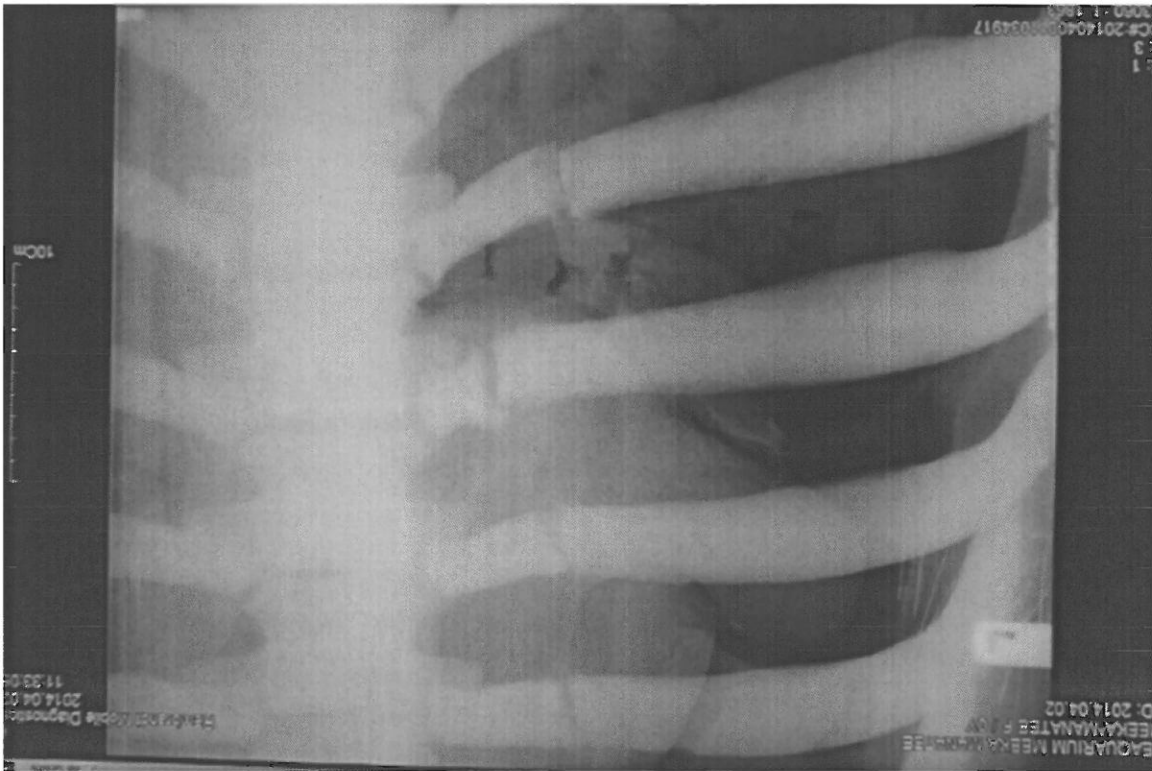
**From:** [Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)  
**To:** [atkinsa@jacksonvillezoo.org](mailto:atkinsa@jacksonvillezoo.org); [amy\\_teague@usgs.gov](mailto:amy_teague@usgs.gov); [Margie.Barlas@MyFWC.com](mailto:Margie.Barlas@MyFWC.com); [Bill.Hughes@seaworld.com](mailto:Bill.Hughes@seaworld.com); [jpowell@sea2shore.org](mailto:jpowell@sea2shore.org); [carol.knox@MyFWC.com](mailto:carol.knox@MyFWC.com); [cathy\\_beck@usgs.gov](mailto:cathy_beck@usgs.gov); [millerc@jaxzoo.org](mailto:millerc@jaxzoo.org); [kogiavet@hotmail.com](mailto:kogiavet@hotmail.com); [Martine.deWit@MyFWC.com](mailto:Martine.deWit@MyFWC.com); [Katherine.Frisch@MyFWC.com](mailto:Katherine.Frisch@MyFWC.com); [gzern@co.volusia.fl.us](mailto:gzern@co.volusia.fl.us); [glovewell@mote.org](mailto:glovewell@mote.org); [Allison.Honaker@MyFWC.com](mailto:Allison.Honaker@MyFWC.com); [Jennifer.Johnson@MyFWC.com](mailto:Jennifer.Johnson@MyFWC.com); [jim\\_reid@usgs.gov](mailto:jim_reid@usgs.gov); [jim\\_valade@fws.gov](mailto:jim_valade@fws.gov); [jtuzinski@msq.cc](mailto:jtuzinski@msq.cc); [ktripp@savethemanatee.org](mailto:ktripp@savethemanatee.org); [kjennings@savethemanatee.org](mailto:kjennings@savethemanatee.org); [Kimberlee.Tennille@dep.state.fl.us](mailto:Kimberlee.Tennille@dep.state.fl.us); [laura.eldredge@gmail.com](mailto:laura.eldredge@gmail.com); [Leeann.Rottman@LowryParkZoo.com](mailto:Leeann.Rottman@LowryParkZoo.com); [Florida.Mammals@LowryParkZoo.com](mailto:Florida.Mammals@LowryParkZoo.com); [Meg.Martz@MyFWC.com](mailto:Meg.Martz@MyFWC.com); [MayaDVM@msn.com](mailto:MayaDVM@msn.com); [ron.mezich@MyFWC.com](mailto:ron.mezich@MyFWC.com); [michael.boos@seaworld.com](mailto:michael.boos@seaworld.com); [walshm@ufl.edu](mailto:walshm@ufl.edu); [mrossbtl@aol.com](mailto:mrossbtl@aol.com); [Andrea.Mosier@MyFWC.com](mailto:Andrea.Mosier@MyFWC.com); [kapustinn@jacksonvillezoo.org](mailto:kapustinn@jacksonvillezoo.org); [nicole\\_adimey@fws.gov](mailto:nicole_adimey@fws.gov); [Pamela.Sweeney@dep.state.fl.us](mailto:Pamela.Sweeney@dep.state.fl.us); [prose@savethemanatee.org](mailto:prose@savethemanatee.org); [Jessica.Pernell@MyFWC.com](mailto:Jessica.Pernell@MyFWC.com); [Randy.Runnells@SeaWorld.com](mailto:Randy.Runnells@SeaWorld.com); [ray.ball@lowryparkzoo.com](mailto:ray.ball@lowryparkzoo.com); [rhazelkorn@mote.org](mailto:rhazelkorn@mote.org); [Tom.Reinert@MyFWC.com](mailto:Tom.Reinert@MyFWC.com); [Kelly.Richmond@MyFWC.com](mailto:Kelly.Richmond@MyFWC.com); [robert\\_bonde@usgs.gov](mailto:robert_bonde@usgs.gov); [rose@msq.cc](mailto:rose@msq.cc); [robert.wagoner@seaworld.com](mailto:robert.wagoner@seaworld.com); [Kari.Rood@MyFWC.com](mailto:Kari.Rood@MyFWC.com); [rffloyd@ufl.edu](mailto:rffloyd@ufl.edu); [Carli.Segelson@MyFWC.com](mailto:Carli.Segelson@MyFWC.com); [Valerie.Sisco@MyFWC.com](mailto:Valerie.Sisco@MyFWC.com); [Steven.Lehr@SeaWorld.com](mailto:Steven.Lehr@SeaWorld.com); [sbutler@usgs.gov](mailto:sbutler@usgs.gov); [Susan.lowe@dep.state.fl.us](mailto:Susan.lowe@dep.state.fl.us); [Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com); [ufgerlach@gmail.com](mailto:ufgerlach@gmail.com); [Virginia.Edmonds@LowryParkZoo.com](mailto:Virginia.Edmonds@LowryParkZoo.com); [Leslie.Ward@MyFWC.com](mailto:Leslie.Ward@MyFWC.com)

**Date:** Tue, 1 Apr 2014 08:51:18 -0400

**Subject:** RE: rescue alert

Unfortunately, the rescue team could not hoop net the Orange River manatee, and the St. James City manatee died during the transport up to Lowry Park. A necropsy is scheduled for this morning. The SWFL is prepared to respond to the Orange River if the belly up manatee is relocated.

-Andy



MSTM1403  
RSE1407

## Szemer, Donna

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**From:** Garrett, Andy  
**Sent:** Wednesday, March 26, 2014 3:51 PM  
**To:** Adrienne Atkins; Amy Teague; Andrew Gude; Barlas, Margie; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Maya; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Sisco, Valerie; Stefanie Barrett; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
**Subject:** Rescue Alert

"Heeka" MSTM1403  
RSE1407

### Stewart, FL (lock system):

Over the past week, the FWC-SEFL has been receiving reports of an excessively buoyant manatee in the lock system west of Stewart. FWC staff confirmed that there is a linear wound on the manatee's back and that the manatee has difficulty submerging. Unfortunately, the manatee has often be reported late in the day or in difficult locations to get a response team.

This past weekend, the FWC received a report that the manatee was struck again by a large vessel.

Thankfully, the manatee was located early this afternoon and a rescue team should be arriving shortly to attempt a capture. If captured, the manatee will be taken to MSQ.

-Andy

## Szemer, Donna

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**From:** Garrett, Andy  
**Sent:** Thursday, March 27, 2014 8:57 AM  
**To:** Adrienne Atkins; Amy Teague; Barlas, Margie; Bill Hughes; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Maya; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Sisco, Valerie; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
**Subject:** rescue update and alert

MSTM 1403  
RSE1407

### Stewart:

The excessively buoyant manatee was rescued yesterday and taken to Miami Seaquarium. The manatee is a female and approximately 7 ft long.

### Blue Spring:

As you may or may not be aware, since her release into Blue Springs this winter, Pixie has been very interested in interacting with swimmers using the spring. Of course, swimmers have welcomed the interaction and reinforced what we in the rescue-rehab program don't want. The interactions have been documented as fairly aggressive both on the human side (grabbing and riding) and the manatee side (grabbing and holding) to the point where there is a concern for both human and manatee welfare. Over the past few days, the spring has been closed to swimmers, and after many conversations including the DEP, the USFWS, the FWC, the MRP monitoring committee, a decision has been made to capture Pixie and bring her back into our rehab program. The capture is being planned for this morning and after she is captured, she will be taken to Lowry Park Zoo. The tentative plan right now is to try and extinguish her willingness and desire to interact with humans while in the rehab program with a hope that she can be re-released back into the wild.

-Andy



# Incident Report Form

R5E1407

Field Station SE

Type of Incident: Manatee Cetacean Sea Turtle Other  
Code: S7 INJ TRP ENT ORPH RT RBS HRS TAG SIGHT INFO

Date to Field Station: 24 Mar 2014 Time: 2242 Date of Initial Report: \_\_\_\_\_ Time: \_\_\_\_\_

Contact: Palm Beach Case #: 2286

Means: ☐ Office ☒ Text ☐ Nextel ☐ Other  
Work Status: ☐ On-Call ☐ On-Duty ☒ Off-Duty

County: Martin City: Indiantown Waterway: St. Lucie Canal

Reported by: Cynthia Dye

Address: 16300 SW Farnel Ave

Phone: 7192427431

Description of Incident: \_\_\_\_\_ Size: ☐ Calf ☐ Juv ☐ Adult Condition, if dead: ☐ FR ☐ MD ☐ BD

"pneumo" in marina - claims the tm was hit by a yacht  
60-70 ft by FPL discharge canal going 20-25 mph  
26.996303 -80.583354

Location where Incident occurred: tm was @ indiantown marina @ 2000 hrs

FWC Officer requested: Yes / No → FWC LE Assistance: ☐ Ofc not available ☒ Ofc sent

Responders other than field lab used for verification: Ofc Moss Agency: FWC LE

Carcass Secured by: \_\_\_\_\_

Date/Time verified to field station: \_\_\_\_\_ Date/Time secured for field station: \_\_\_\_\_

Date/Time arrival to ramp/site: \_\_\_\_\_ Time loaded: \_\_\_\_\_ Iced overnight Yes No

Date/Time to field station: \_\_\_\_\_ Date/Time to MMPL: \_\_\_\_\_

Field necropsy conducted: ☐ Yes Date/Time completed \_\_\_\_\_ ☐ No

Comments: dispatch sent to O3 instead of after hours called  
at 1002 3/25  
2125 unable to locate.

add'l comments on ba

Field Lab Staff member/intern responded to the scene: ☐ Yes Initials: \_\_\_\_\_ ☐ No

Outcome:  
☐ No verification required ☐ No response available ☐ Mortality \_\_\_\_\_ ☐ Rescue \_\_\_\_\_  
☒ Verified/No Further Action ☐ Unfounded ☐ Unable to Locate ☐ Harassment  
☐ Unsuccessful rescue attempt ☐ Mating Herd ☐ Sighting of Known Animal ☐ Red Tide  
☐ Info passed to: \_\_\_\_\_ ☐ Info Given ☐ KBS ☐ Other \_\_\_\_\_

Total time spent on Incident: .15

Information received by: LAC

**Reported Boat Strikes Resulting in the Death or Injury of a Manatee**

Florida Fish and Wildlife Conservation Commission  
Fish & Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South  
St. Petersburg, Florida 33711  
FAX: 727-893-2807

*For FWC use only*

Date 23 March 2014 Time of Incident 1500 FWC-LE Region SO Incident# 2286 Field ID RSE1409

Person reporting incident Cynthia Dye as Witness FWRI staff filing report LAC Verified? No

Name of person operating the vessel N/a

Address N/a

Phone Number N/a

Name and phone number of other passengers N/a

**Vessel Information:**

Boating Activity (fishing trip, water skiing, pleasure boating, commercial operation, etc.)  
pleasure boating

Make of vessel yacht

Make of engine unk

Model of vessel         

Horsepower of engine unk

Length of vessel 60-70ft

Prop size and pitch unk

**Description of Incident:**

Location Information: County Martin Waterway St. Lucie Canal Lat. 26.996303  
Long. -80.583354

Other descriptors (e.g., mile-marker, landmarks, etc.) Near FPL discharge canal

Weather Conditions Partly Cloudy Water Conditions Calm (<1')

Estimated boat speed at time of accident 20 Speedometer? No

Boat was...Plowing          Speed Zone? No

Estimated water depth at site of accident 20 Depthmeter? No

Boat was...In channel         

Estimated size of manatee 8 (in feet) Manatee injured? Yes

Number of manatees struck 1 Total manatees seen in immediate area 1

Detailed Description of Event (activity; direction of travel; what was seen, felt, heard; manatee behaviors; was there blood in the water or fresh wounds noted; what actions taken; etc.)

Two men fishing on a small boat observed a large yacht plowing at about 20-25 mph hit an already injured manatee (pneumothorax). The boat was traveling west in the St. Lucie Canal towards Port Mayaca. No blood was observed, but the witness lost sight of the manatee while trying to avoid the wake of the yacht. Witness' mother reported the boat strike during a subsequent call to report the injured manatee (March 24, 2014, at 2242 hrs); i.e., the witnessed strike was not reported to dispatch but was described during a call about seeing the injured manatee at the Indiantown Marina. We have high confidence the manatees are one and the same.

## Definitions:

Propellers are labeled diameter x pitch (a 13x19 prop is 13" in diameter and is 19" pitch). Most props have this information inscribed on the hub of the prop, but use or wear may render the inscription unreadable.

Diameter - the distance (in inches) across the circle made by the blade tips as the propeller rotates.

Pitch - the distance (in inches) a prop moves forward with one 360° revolution (assuming zero slip).

## Idle Speed

Minimum speed necessary to make headway and be able to maintain control of the vessel. See 68C-22.002(1), F.A.C., for the complete definition.

## Slow Speed

That speed where a vessel is fully off plane and completely settled in the water, and not creating an excessive wake or other hazardous condition. See 68C-22.002(4), F.A.C., for the complete definition.

## No Entry Zone

An area where all activities are prohibited unless specific authorization is given (except for fishing from an adjacent shoreline with a cane pole). See 68C-22.002(11), F.A.C., for the complete definition.

Release  
8/13/14

# Rescued manatee returned to the wild

Posted: Wednesday, August 13, 2014 6:03 PM EDT

Updated: Thursday, August 14, 2014 3:50 PM

Entered



MSTM1403

RSE1407

"Meeka"

Martin Co.

St. Lucie Canal

Indiantown

Timer Powers Boat Ramp  
(14100 SW. Citrus Blvd)

VIRGINIA KEY, Fla. (WSVN) -- A manatee that was rescued earlier this year has healed from her injuries and was released back into the wild, Wednesday morning

Meeka the Manatee was rescued in March in the Intracoastal Waterway in West Palm Beach. Her ribs were broken, and she needed help after veterinarians determined that she her injuries were from blunt-force trauma, likely caused by a watercraft strike. "She was in pretty rough shape when she came to us. She came in with broken ribs on her right-hand side," said Robert Rose, a Miami Seaquarium curator

Veterinarians at the Miami Seaquarium helped mend Meeka's injuries. The sea cow put on 300 pounds in six months. "Here, six months later, all of her ribs are healed, her blood work looks good; behavioral, she looks great," said Rose.

When Meeka was rescued, rescuers said she was 7.5 feet long and weighed 450 pounds. After rehabilitation, she is now over eight feet long and about 550 pounds.

Now that she's all healed, rescuers released Meeka back into the wild. She was transported from Miami Seaquarium to Timer Powers Park. "And so she's ready to go out into the wild today," said Rose.

Workers from the Florida Fish and Wildlife Conservation Commission and the Miami Seaquarium assisted in the release of Meeka into her natural habitat. The release took place in the very same waters where she was rescued. Joanne Rumbelow of the West Palm Beach Police found the manatee and said, "I rescued an animal that was so badly injured and so sick. People rehabilitated her, and I got the opportunity to finish what I started and that was to put her back in the water where she came from."

The Miami Seaquarium constantly receives severely injured manatees. The species has been on the federal endangered list since the '60s.

<http://www.wsvn.com/story/26274005/rescued-manatee-returned-to-the-wild>

Temporary ID: \_\_\_\_\_

Time Net Set: \_\_\_\_\_

Manatee ID: MSTm1403 Date: 7-24-2014

Time Captured(Onboard): \_\_\_\_\_

Name: MeekaSex: Female

Time On Beach: \_\_\_\_\_

ID of its Calf / Mom: \_\_\_\_\_

Latitude: \_\_\_\_\_ N

Time Released: \_\_\_\_\_

Location: Miami Seaquarium

Longitude: \_\_\_\_\_ W

Data Recorder: \_\_\_\_\_

Event: Capture Rescue X Pre-release Assess.Release Post-release Assess.Air Temp =    C    F Water Temp =    C    F Wind:    mphCloud Cover: S PC MC O R

MORPHOMETRICS	Weight: <u>8-13-2014</u> (lb or kg) <u>655 #</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	262 cm	
	Total Length (straight)	250 cm	
	Snout to Peduncle	174 cm	
	Snout to Anus	163 cm	
	Snout to Umbilicus	83 cm	
<b>Girths</b>	Girth at Peduncle: 92cm actual	Ultrasound Loc: <u>  </u> cm	Belt Loc: <u>  </u> in
	Girth at Anus: 137cm actual		
	Girth at Umbilicus: 177cm actual		
	Girth at Axilla: 148 cm actual		

ULTRASOUND		Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle	
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>	
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>	
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>	

CONDITION	Body Score: <u>1</u> <u>2</u> <u>*3</u> <u>4</u> <u>5</u>				
	Poor	Fair	Good	Very Good	Excellent / Undetermined
	Peanut shaped head? <u>No</u>		Ribbs visible? <u>No</u>		
	Side between anus & peduncle:		Rounded		
	Ventrums:		Rounded		
	Fresh Wounds or Lesions:		Superficial scrape on right side		
	Person(s) assessing condition:		Dr. Maya Rodriguez		

REPROD. STATUS	Pregnant? <u>No</u>
	Lactating? <u>No</u>

SAMPLES	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>N/A</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube taken</u>

MONITORING	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>



<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
Pre-release blood	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture?	Yes 7-24-14
	PIT tagged by:	Dr. Maya Rodriguez		
	Right #	00-072A-8338		
	Left #	00-072A-9BCA		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: _____ ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by: 7-31-2014	Front, Rear, Left side, Right side, Paddle, old scars		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

## Comments

Also photographed by FWC @ release site on  
13-AUG-2014

## Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: **MSE15023**  
Date of Report: 2015-Mar-01  
Filed By: FWC SE Field Station

FWC Case # 1582 FWC Region: SO-A

Sex: Female Length: 249 cm Weight: Not Taken kg

DATE REPORTED: 2015-Mar-01 By: Citizen to FWC SO-A Dispatch

DATE COLLECTED: 2015-Mar-04 By: FWC-ARH

DATE NECROPSIED: 2015-Mar-04 By: FWC-ARH

LOCATION: State: FL Latitude: 26.6848 N

County: Palm Beach Longitude: -80.75227 W

Waterway: Rim Canal

Locality description: Palm Beach, floating approximately 280 m N of 43717 Corkscrew Boulevard, 140 m NW of the C-4A culvert.

CONDITION: Badly Decomposed

PROBABLE CAUSE OF DEATH: Undetermined: Too Decomposed

EXPLAIN: The advanced stage of decomposition did not permit a causal factor to be determined. Autolyzed and/or missing internal organs. Healing watercraft wound(s); Fractured rib(s); Thickened epidermis; Bleached epidermis; Cobblestone-like epidermis; Cold stress lesions; Diaphragmatic hernia; Torn parietal pleura; Blood clots; Torn hemidiaphragm(s); Spongy epidermis; Adhered lung; Remodeled ribs. Stage of decomposition precluded assessment of previous healed trauma, new trauma, and cold stress.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Cranial, Internal, Recovery Site, Other (wounds, lesions).

MATERIALS COLLECTED:

Genetics, Earbone.

DISPOSITION OF MATERIAL: FWC SE Field Station pending distribution.

ADDITIONAL DATA:

X-ray of fractured ribs.

REMARKS:

PIT tag scan positive (Left: 00-072A-9BCA; Right: 00-072A-8338). A field necropsy was performed. Known as RSE1407, MSTm1403, "Meeka", rescued on 26 March 2014 due to a watercraft-related injury, released 13 Aug 2014.

Page 1&2	
Necropsy Report	
Lat/Long	

# Rescue Report

RSE1410

Resc / Dth

6/11/14

Watercraft

## GENERAL

Date of Rescue: 11 June 2014	Date of Initial Call: 11 June 2014	Filed by: A. Howell
Rescue ID: RSE1410	Facility ID: MSTm1405	Other ID:
FWC Case Number: 4511	FWC Region: SO-A	
Sex: Female	Length: 204 cm	Estimated: No
Weight: 165 kg	Estimated: No	
PIT Tag Present: No	PIT Tag Applied: No	R: L:
State: FL	County: St. Lucie	City: Port St. Lucie
Waterway: St. Lucie River		
Latitude (Decimal Degrees): 27.33689° N		Longitude (Decimal Degrees): -80.339° W
Locality Description: approximately 175 m NE of the residence at 757 NE Emerson Street.		
Method of Capture: Hoop net		

## REASON FOR RESCUE

Check one of the following:

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Watercraft | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress           | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded   |
| <input type="checkbox"/> Orphan                | <input type="checkbox"/> Other: (Specify): _____ |   |

## Watercraft

Check all that apply:

- |  |  |                                |
|--|--|--------------------------------|
| <input checked="" type="checkbox"/> Penetrating Cuts | <input checked="" type="checkbox"/> Impact | <input type="checkbox"/> Other |
|--|--|--------------------------------|

Describe: One superficial linear wound on the right, mid-dorsal aspect; ten propeller wounds, four of which penetrated the dermis; floating high on the right side.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
11 June 2014	At 0734 hrs, FWC SO-A Dispatch-Palm Beach sent a text alert to Manatee03 instead of ManateeAfterHours. Dispatch also did not re-send after the

prescribed twenty minutes. Finally, at 0950 hrs, FWC biologist Amber Howell received a text alert stating “2<sup>nd</sup> attempt.” FWC case number 4511 was assigned. Dispatch informed ARH that she realized soon after she sent the initial alert that she had texted the wrong group, but was too busy to re-send. The complainant, Beverly Yoshioka (772-380-6486), stated that there was a small, badly injured manatee behind her house that was breathing every 15-30 seconds, listing to one side, popping up when trying to submerge, and had numerous deep propeller wounds on its peduncle. Beverly provided the last place that she saw the manatee, but also informed ARH that it was well over two hours since she was on-site with it. ARH requested FWC LE to search for the animal. LE arrived on site at 1118 hrs, located the manatee, called ARH, sent photos, and updated her that this animal didn’t seem like it could use its tail and appeared to be “shivering”. ARH organized a rescue team and loaded equipment. The rescue team was on scene at 1245 hrs, and boarded FWC LE’s vessel at 1300 hrs. The manatee was caught via hoop net at 1305 hrs and hip-towed back to shore. The manatee was loaded into the FWC rescue truck at 1310 hrs and arrived at Miami Seaquarium (MSQ) at 1540 hrs. After MSQ staff completed their evaluations and workup, the manatee was placed into the pool at 1630 hrs. The manatee immediately tried to swim but, due to not being able to move its tail, could not get its head above water. MSQ staff noticed the manatee took a deep breath underwater and after a couple minutes of intense seizing, the manatee was pronounced dead at 1640 hrs. The manatee was loaded back into the FWC rescue truck by 1710 hrs and arrived back at the SEFL at 1945 hrs. The manatee was covered in ice for a necropsy the following morning (mortality ID: MSTm1405).

**PARTICIPANTS**

FWC: Amber Howell, Thomas Reinert, Lauren Connor

FWC Intern: Kate McMahon

FWC LE: James Payne

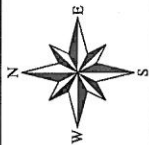
**Edited by:**

TRR

DJS

AJG

(Rev: 03/18/2013)

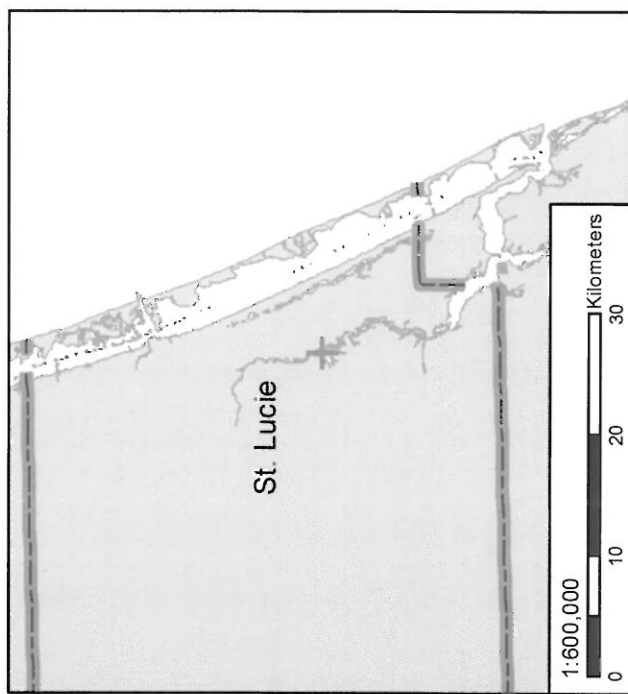
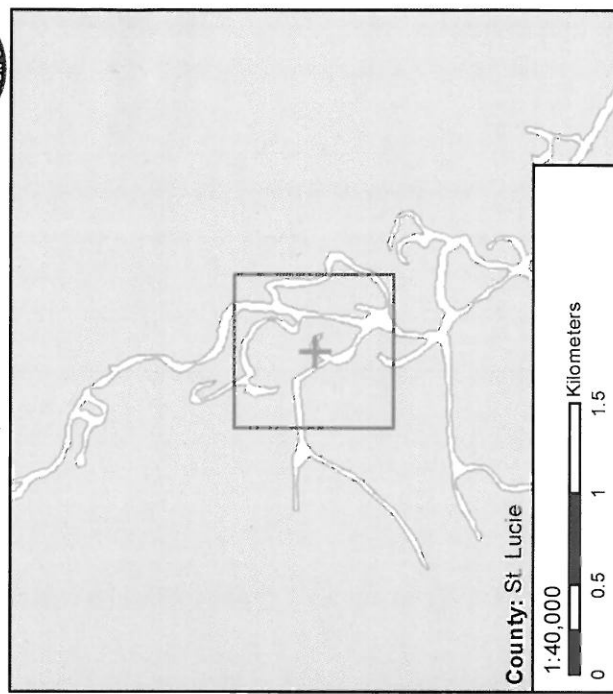


# Verified Response Location of Manatee Rescue RSE1410

Rescue Date: 6/11/2014

Facility ID: MSTm1405

Map Created 2/4/2016



## Locality Description:

approximately 175 m NE of the residence at 757 NE Emerson Street

Latitude: 27.33689°N

Longitude: -80.339°W



Resc/Dih  
Watercraft

**Szemer, Donna**

---

**From:** Howell, Amber  
**Sent:** Wednesday, June 11, 2014 7:55 PM  
**To:** Szemer, Donna  
**Subject:** RE: RSE1410

Scratch that. It did about an hour after we got it to MSQ.

RSE1410 is also known as MSTm1405.

Also, realized I left off that it was St Lucie county, Port St Lucie as the city, and St Lucie river as the waterway.

-----Original Message-----

**From:** Howell, Amber  
**Sent:** Wednesday, June 11, 2014 1:52 PM  
**To:** Szemer, Donna  
**Subject:** RSE1410

Live from the field: just rescued a manatee.

Hoop net, female, approx 6.5ft, has 9 propeller wounds (3 open and deep) on the peduncle and 1 skeg wound on the right mid dorsal aspect. Was floating high, unable to submerge, listing, and breathing every 15s. Heading to MSQ :)

Hope youre having a great summer vaca!! Ill let you know when the report is written.

## **Szemer, Donna**

---

**From:** Garrett, Andy  
**Sent:** Wednesday, June 11, 2014 2:51 PM  
**To:** Adrienne Atkins; Amy Teague; Barlas, Margie; Bill Hughes; Basino, Brandon; Buddy Powell; Knox, Carol; Cathy Beck; Craig Miller; Craig Pelton; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martz, Meg; Maya; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Trevor Gerlach; Virginia Edmonds; Ward, Leslie  
**Subject:** rescue update

### **Port St. Lucie:**

The FWC-SEFL received a report this morning of an excessively buoyant 5-6 ft manatee with a linear wound. A FWC rescue team was able to approach the relatively unresponsive manatee in a FWC LE vessel and hoop net it. The manatee is being transported to Miami Seaquarium.

### **St. Petersburg:**

Yesterday, FWC-MMPL staff observed the entrapped manatee (originally observed on May 31<sup>st</sup>) attempting to climb over the spillway. The manatee climbed almost all the way over, but then gave up and slipped back into the retention pond. Today, a rescue team from the MMPL, FWRI, and Clearwater Aquarium captured the 280 cm male manatee and relocated it to Boca Ciega Bay.

-Andy

# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: **MSTm1405**  
Date of Report: 2014-Jun-11  
Filed By: FWC SE Field Station

FWC Case # 4511

FWC Region: SO-A

Sex: Female

Length: 204 cm

Weight: 165.0 kg

DATE REPORTED: 2014-Jun-11

By: Citizen to FWC SO-A Dispatch

DATE COLLECTED: 2014-Jun-11

By: FWC-ARH,LAC

DATE NECROPSIED: 2014-Jun-12

By: FWC-ARH,LAC

LOCATION: State: FL

Latitude: 27.33689 N

County: St. Lucie

Longitude: -80.339 W

Waterway: St. Lucie River

Locality description: Port St. Lucie, approximately 175 m NE of the residence at 757 NE Emerson Street.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

EXPLAIN: Impact and Propeller; Chronic; Healing watercraft wound(s); Fractured vertebra(e); Blood clots; Dry, hard feces; Caseous, necrotic, hemorrhagic, shredded tissue; Thick, viscous mucus in airways; Wet, frothy, heavy lung; Congested mesentery, parietal pleura; Hemorrhagic bands in colon mucosa.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Cranial, Internal, Other (wounds).

MATERIALS COLLECTED:

Genetics, Earbone, ELISA toxicology samples, Histology.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

Histology report. Rescue report. Wound measurements.

REMARKS:

PIT tag scan negative. Died on 11 Jun 2014. Died at 1640 hrs. Died in facility. See rescue report RSE1410.

Page 1&2	02 Dec 2015
Necropsy Report	02 Dec 2015
Lat/Long	02 Dec 2015

Asst. + Rel

## Rescue Report

RSE1501

Entrapment  
Human

### GENERAL

Date of Rescue: 05 January 2015	Date of Initial Call: 05 January 2015	Filed by: A. Howell		
Rescue ID: RSE1501	Facility ID:	Other ID:		
FWC Case Number: 0130	FWC Region: SO-A			
Sex: Female	Length: 298 cm	Estimated: No	Weight: kg	Estimated:
PIT Tag Present: No	PIT Tag Applied: Yes	R: 00-0671-D8E7	L: 00-0672-1A0C	
State: FL	County: Palm Beach	City: Delray Beach	Waterway: ICW	
Latitude (Decimal Degrees): 26.4431° N		Longitude (Decimal Degrees): -80.06575° W		
Locality Description: Behind condos at 1 Harbourside Dr., 370 m N of the Linton Bridge on W side of ICW				
Method of Capture: Stretcher				

### REASON FOR RESCUE

Check one of the following:

- |                                      |  |  |
|--------------------------------------|--|--|
| <input type="checkbox"/> Watercraft  | <input type="checkbox"/> Entanglement            | <input checked="" type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded              |
| <input type="checkbox"/> Orphan      | <input type="checkbox"/> Other: (Specify): _____ |  |

#### Entrapment-Human Related

Describe: Manatee was trapped behind a man-made oyster bar that was completely enclosed. It is likely that the manatee swam over the barrier at a higher tide and became trapped.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

### HISTORY

Date	Narrative
05 January 2015	At 1339 hrs, FWC biologist Lauren Connor (LAC) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a stranded manatee at Harbourside Dr. in Delray Beach. The complainant, Rob (609-839-8461), stated that the manatee was stuck inside an oyster bar and thrashing around. The tide was confirmed as outgoing with low tide expected at 1630 hrs and high tide expected at 2030 hrs. Rob sent photos at 1355 hrs. FWC biologist Amber

Howell (ARH) contacted FWC Rescue Coordinator Andy Garrett (AJG) at 1400 hrs to confirm the need to rescue. ARH coordinated a rescue team and arrived on scene at 1517 hrs. Morphometrics were collected on the manatee and PIT tags were inserted. With permission from the homeowners association at the condos, part of the oyster bed was temporarily removed to create a path for the manatee. The manatee was placed into a stretcher and a foam pad was placed in the open space between oyster rip-rap. At 1548 hrs, a Delray Beach Fire Department plastic slide (for moving large humans) was used to slide the manatee over the rocks and into deeper water.

**PARTICIPANTS**

FWC SE: A. Howell, T. Reinert, L. Connor, A. Allen

FWC Volunteers: B. Beard, TJ Wilkerson, V. Runge, H. McCarn

Delray Fire and Rescue: G. Giaccone, M. Szejter, J. Woeitz, J. Braswell, S. Gibson, J. Lang, K. McKessy, J. Lamorcco

Delray Police Department: D. Ferraiolo

**Edited by:**

TRR  
DJS  
AJG

(Rev: 03/18/2013)



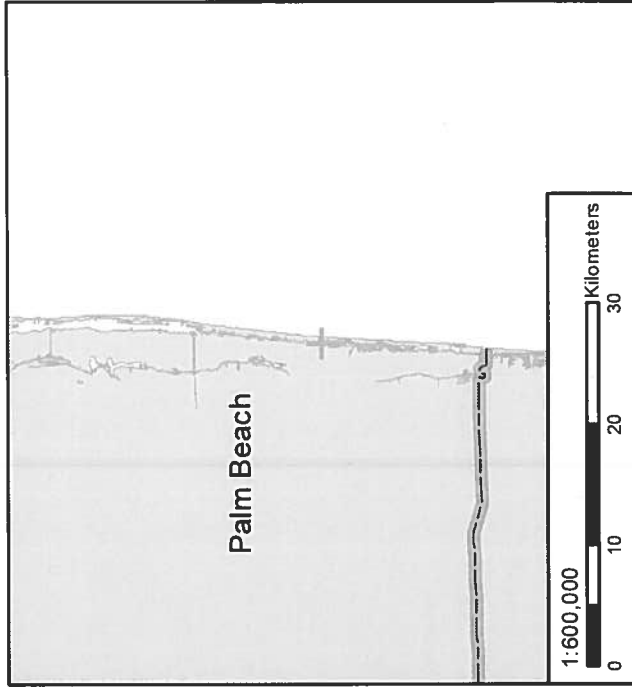
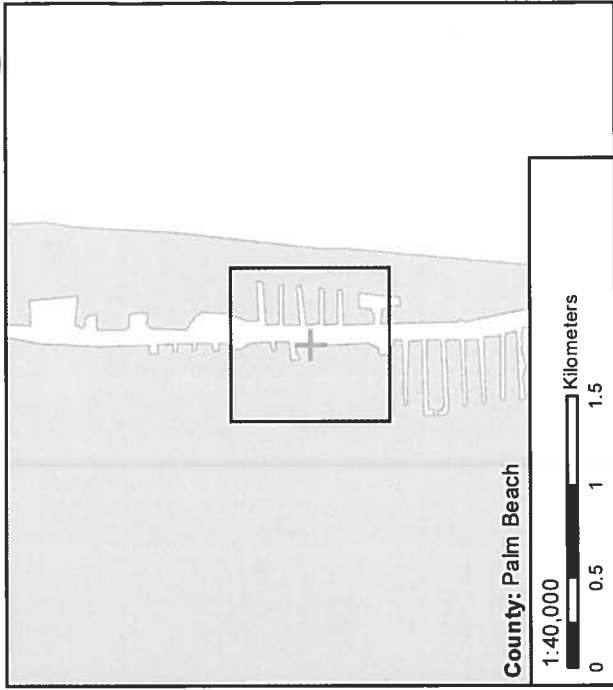


# Verified Response Location of Manatee Rescue RSE1501

Rescue Date: 1/5/2015

Facility ID: N/A

Map Created 4/21/2016



## Locality Description:

behind condos at 1 Harbourside Dr., 370 m N of the Linton Bridge on W side of ICW

Latitude: 26.4431°N

Longitude: -80.06575°W

Asst. & Ref  
Entrapment  
Human

**Szemer, Donna**

---

**From:** Howell, Amber  
**Sent:** Monday, January 05, 2015 5:24 PM  
**To:** Szemer, Donna  
**Cc:** Garrett, Andy  
**Subject:** RSE1501

Female  
298 cm  
Delray Beach, Palm Beach County

Assist and release: Tidally stranded/entrapped behind a man made oyster bar. I'll probably call you tomorrow or send you some photos to see which reason would be best fit for this.

Andy- After evaluating the scene, there was no natural break in the oyster bar to walk the manatee out like we initially thought based on the complainants description, so the manatee had to swim over it in order to get in/out. The oyster bar connected from seawall to seawall.

Amber Howell  
Research Associate  
Florida Fish and Wildlife Conservation Commission  
Marine Mammal Section  
19100 SE Federal Highway, Tequesta, FL 33469  
561-398-5914

Wildlife Alert Hotline: 1-888-404-3922

## Szemer, Donna

---

**From:** Garrett, Andy  
**Sent:** Monday, January 05, 2015 3:58 PM  
**To:** Adrienne Atkins; Amy Teague; Arielle Taylor-Manges; Barlas, Margie; Barraco, Liz; Bill Hughes; Basino, Brandon; Buddy Powell; Knox, Carol; Cathy Beck; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Maya; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nick Kapustin; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Virginia Edmonds; Ward, Leslie  
**Subject:** RE: rescue updates  
**Attachments:** IMG951501.jpg

### Del Ray Beach (Palm Beach County):

A few hours ago, the FWC-SEFL received a call about a manatee that was stranded behind an oyster bar in Del Ray Beach. A photo is attached of the manatee at the time it was called in to the FWC. The tide was still several hours from dead low. A SEFL rescue team responded and found the manatee high and dry behind the oyster bar. The manatee was rolled into a stretcher and several rocks were removed from the oyster bar. The manatee was then processed (total length, gender, photos, PIT tags) and released.

---

**From:** Garrett, Andy  
**Sent:** Monday, January 05, 2015 3:39 PM  
**To:** 'Adrienne Atkins'; 'Amy Teague'; 'Arielle Taylor-Manges'; Barlas, Margie; Barraco, Liz; 'Bill Hughes'; 'Brandon Basino'; 'Buddy Powell'; 'Carol Knox'; 'Cathy Beck'; 'Cora Berchem'; 'Craig Miller'; 'Craig Pelton'; 'Dave Murphy'; deWit, Martine; Frisch, Katherine; 'Georgia Zern'; 'Gretchen Lovewell'; 'Jen Johnson'; 'Jim Reid'; 'Jim Valade'; 'Jodi Tuziniski'; 'Katie Tripp'; 'Kelsey Jennings'; 'Kimberlee Tennile'; 'Laura Eldridge'; 'Leeann Rottman'; 'Lowry Park Zoo Florida Mammals'; Martin, Baryl; Martz, Meg; 'Maya'; 'Melynda Brown'; Merrill, Maria; Mezich, Ron; 'Michael Boos'; 'Mike Walsh'; 'Monica Ross'; Morse, Gary; Mosier, Andrea; 'Nick Kapustin'; 'Nicole Adimey'; 'pamela Sweeney'; 'Pat Rose'; Pernell, Jessica; 'Randy Runnells'; 'Ray Ball'; 'Rebecca Hazelkorn'; Reinert, Tom; Richmond, Kelly; 'Robert Bonde'; 'Robert Rose'; 'Robert Wagoner'; Rood, Kari; 'Ruth Francis-Floyd'; Segelson, Carli; 'Steve Lehr'; 'Susan Butler'; 'Susan Lowe'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie  
**Subject:** RE: rescue updates

The manatees in Magnolia Springs Alabama were not found this morning by the DISL and Sea World rescue team.

---

**From:** Garrett, Andy  
**Sent:** Monday, January 05, 2015 8:49 AM  
**To:** 'Adrienne Atkins'; 'Amy Teague'; 'Arielle Taylor-Manges'; Barlas, Margie; Barraco, Liz; 'Bill Hughes'; 'Brandon Basino'; 'Buddy Powell'; 'Carol Knox'; 'Cathy Beck'; 'Cora Berchem'; 'Craig Miller'; 'Craig Pelton'; 'Dave Murphy'; deWit, Martine; Frisch, Katherine; 'Georgia Zern'; 'Gretchen Lovewell'; 'Jen Johnson'; 'Jim Reid'; 'Jim Valade'; 'Jodi Tuziniski'; 'Katie Tripp'; 'Kelsey Jennings'; 'Kimberlee Tennile'; 'Laura Eldridge'; 'Leeann Rottman'; 'Lowry Park Zoo Florida Mammals'; Martin, Baryl; Martz, Meg; 'Maya'; 'Melynda Brown'; Merrill, Maria; Mezich, Ron; 'Michael Boos'; 'Mike Walsh'; 'Monica Ross'; Morse, Gary; Mosier, Andrea; 'Nick Kapustin'; 'Nicole Adimey'; 'pamela Sweeney'; 'Pat Rose'; Pernell, Jessica; 'Randy Runnells'; 'Ray Ball'; 'Rebecca Hazelkorn'; Reinert, Tom; Richmond, Kelly; 'Robert Bonde'; 'Robert Rose'; 'Robert Wagoner'; Rood, Kari; 'Ruth Francis-Floyd'; Segelson, Carli; 'Steve Lehr'; 'Susan Butler'; 'Susan Lowe'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie  
**Subject:** rescue updates



RSE1501

# Rescue Report

RSE1502

Resc/Rel  
1/22/15 6/21/16

Watercraft

## GENERAL

Date of Rescue: 22 January 2015	Date of Initial Call: 23 December 2014	Filed by: A. Howell
Rescue ID: RSE1502	Facility ID: MSTM1501	Other ID: Jellybean
FWC Case Number: 0577	FWC Region: SO-A	
Sex: Male	Length: 207 cm	Estimated: No
Weight: 140 kg	Estimated: No	
PIT Tag Present:	PIT Tag Applied:	R: L:
State: FL	County: Palm Beach	City: Boynton Beach
Waterway: Lake Worth		
Latitude (Decimal Degrees): 26.54579° N		Longitude (Decimal Degrees): -80.05318° W
Locality Description: S side of southernmost dock at the Harvey E. Oyer Jr. Park, approximately 70 m NE of the residence at 670 Oak St.		
Method of Capture: Hoop Net		

## REASON FOR RESCUE

Check one of the following:

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Watercraft | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress           | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded   |
| <input type="checkbox"/> Orphan                | <input type="checkbox"/> Other: (Specify): _____ |   |

## Watercraft

Check all that apply:

- |  |                                 |                                |
|--|---------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> Penetrating Cuts | <input type="checkbox"/> Impact | <input type="checkbox"/> Other |
|--|---------------------------------|--------------------------------|

Describe: 3 parallel watercraft wounds, 1 penetrating deep into pleural cavity

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
23 December 2014	At 1250 hrs, FWC biologist Amber Howell (ARH) received a direct call to the Tequesta Field Station main line about an injured manatee. The call came from



## Rescue Report

RSE1502

the Jupiter Hills Marina located in Tequesta, Martin County. ARH verified the injured manatee at 1302 hrs and noted the animal floated caudal end high. ARH called FWC Tom Reinert (TRR) to bring the hoop net and rescue truck. TRR arrived at 1330 hrs and attempted to hoop net from the seawall, but the animal was too evasive. Jupiter Hills Marina staff offered to drive ARH and TRR in a boat to try and capture the manatee. They followed the animal for 30 minutes, but the animal moved quickly away from the boat. The rescue was called off at 1400 hrs.

**22 January 2015**

At 1438 hrs, ARH received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee. The complainant, Catelyn (561-601-0288) said it was lying on its side and breathing every minute. ARH requested FWC-volunteer Brenden Beard to verify. Brenden called ARH at 1529 hrs to verify it needed to be rescued, and sent photos at 1535 hrs. ARH called PB-ERM Alessandra Medri to request officer assistance. ARH and TRR loaded gear and arrived to the reported location at 1645 hrs. A land-based net set was planned, but the animal quickly moved away from the shallow water as people got in the water. ARH, TRR, and volunteers hoop netted the animal from a Palm Beach Sheriff Officer's boat at 1700 hrs, and it was walked to shore by West Palm Beach Officers and volunteers. The manatee was loaded into the rescue truck by 1710 and arrived to Miami Seaquarium at 1900 hrs.

### **PARTICIPANTS**

FWC SE: Amber Howell, Tom Reinert, J.J. Brodbeck (FWRI Fish Biologist)  
FWC Intern: Sabrina Martens  
FWC Volunteer: Brenden Beard  
Palm Beach Sheriff's Office: Deputy Norris Fuse  
West Palm Beach PD: Micki Allen, Mike Lemoine, Joanne Rumbelow  
Palm Beach County Environmental Resource Management: Alessandra Medri  
Boynton Beach PD: Darin Hederian, Greg Koch

### **Edited by:**

TRR  
DJS  
AJG

(Rev: 03/18/2013)



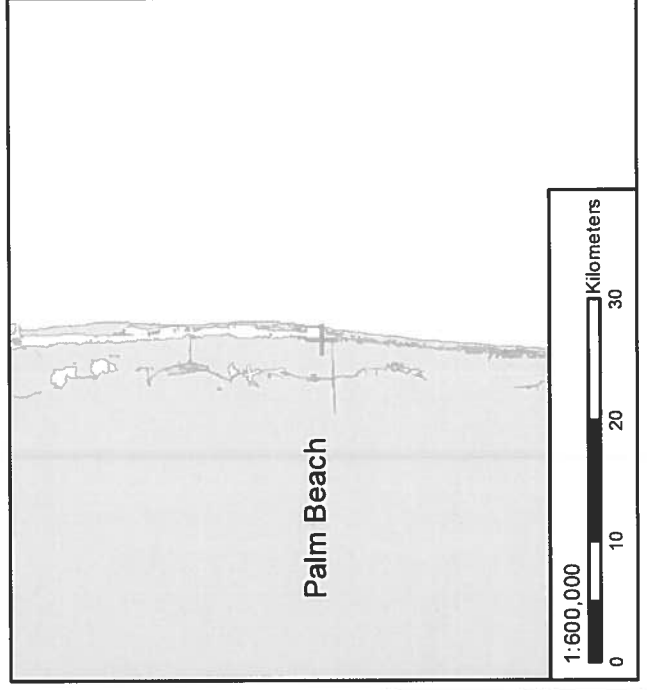
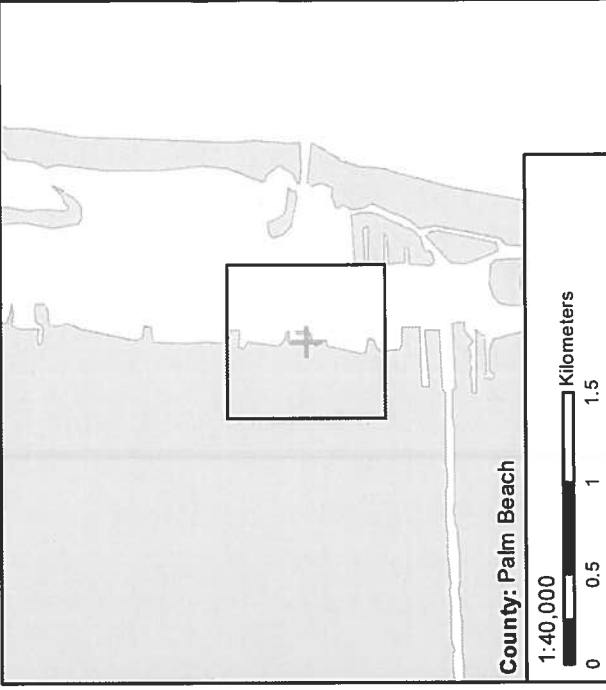
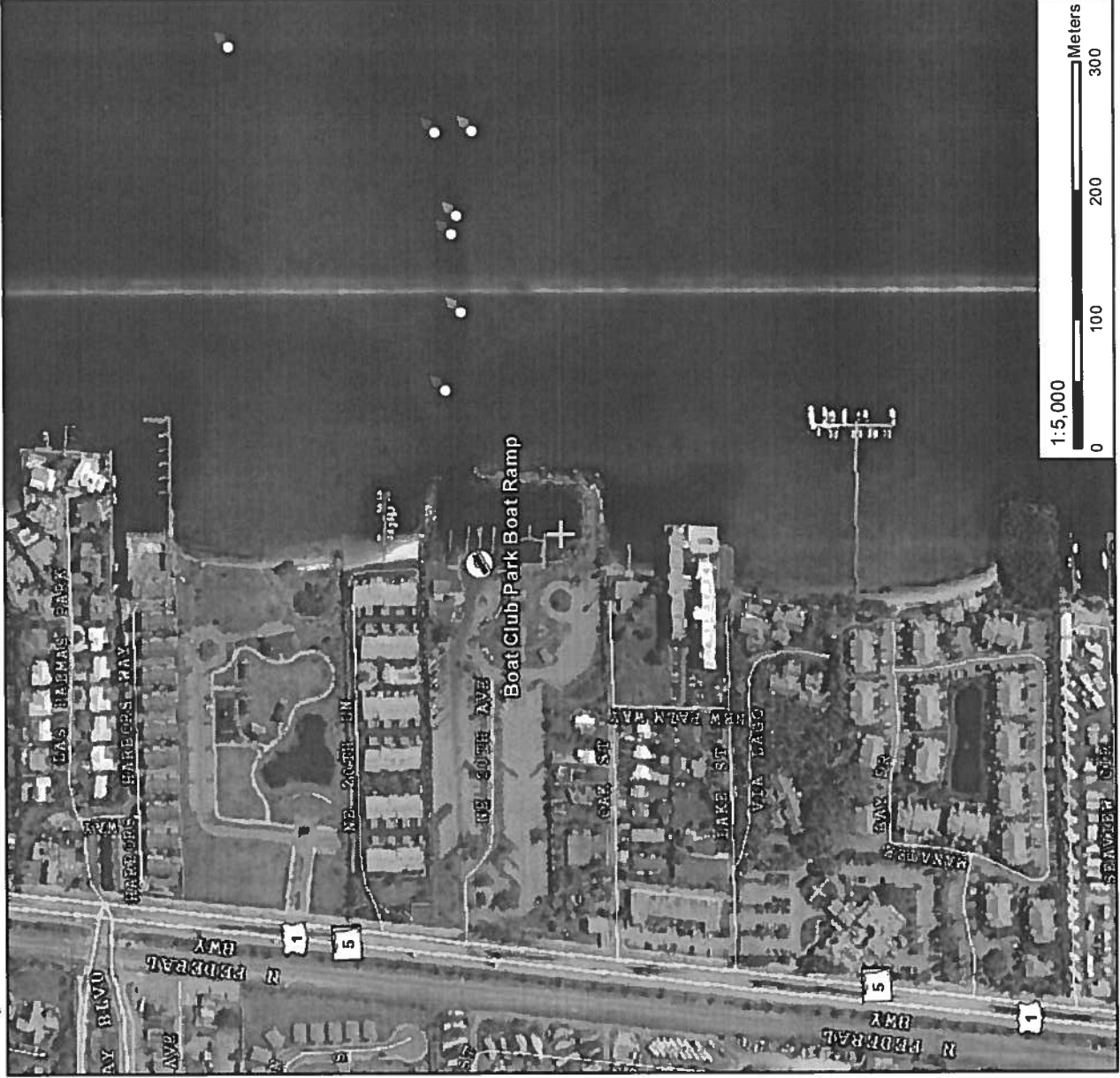
# Verified Response Location of Manatee Rescue RSE1502



Rescue Date: 1/22/2015

Facility ID: MSTm1501

Map Created 4/21/2016



**Locality Description:**

S side of southernmost dock at the Harvey E. Oyer Jr. Park, approximately 70 m NE of the residence at 670 Oak St.

Latitude: 26.54579°N

Longitude: -80.05318°W

**Szemer, Donna**

**From:** mayadvn@msn.com  
**Sent:** Sunday, January 25, 2015 5:55 PM  
**To:** Garrett, Andy; Adrienne Atkins; Amy Teague; Arielle Taylor-Manges; Barlas, Margie; Barraco, Liz; Bill Hughes; Basino, Brandon; Buddy Powell; Knox, Carol; Cathy Beck; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; Frisch, Katherine; Georgia Zern; Gretchen Lovewell; Honaker, Allison; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennille; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nick Kapustin; Nicole Adimey; Pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Segelson, Carli; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Virginia Edmonds; Ward, Leslie  
**Subject:** RE: rescue update/Boynton

This little guy is a pyothorax. We drained over 6 liters from him, gave antibiotics, and he is eating. Cultures and xrays are still pending. He is young so his chances are better, but still critical.  
Maya

---

**From:** [Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)  
**To:** [atkinsa@jacksonvillezoo.org](mailto:atkinsa@jacksonvillezoo.org); [amy\\_teague@usgs.gov](mailto:amy_teague@usgs.gov); [Arielle.TaylorManges@dep.state.fl.us](mailto:Arielle.TaylorManges@dep.state.fl.us); [Margie.Barlas@MyFWC.com](mailto:Margie.Barlas@MyFWC.com); [Liz.Barraco@MyFWC.com](mailto:Liz.Barraco@MyFWC.com); [Bill.Hughes@seaworld.com](mailto:Bill.Hughes@seaworld.com); [Brandon.Basino@MyFWC.com](mailto:Brandon.Basino@MyFWC.com); [jpowell@sea2shore.org](mailto:jpowell@sea2shore.org); [carol.knox@MyFWC.com](mailto:carol.knox@MyFWC.com); [cathy\\_beck@usgs.gov](mailto:cathy_beck@usgs.gov); [cberchem@savethemanatee.org](mailto:cberchem@savethemanatee.org); [millercl@jaxzoo.org](mailto:millercl@jaxzoo.org); [kogiavet@hotmail.com](mailto:kogiavet@hotmail.com); [dmurphydvm@gmail.com](mailto:dmurphydvm@gmail.com); [Martine.deWit@MyFWC.com](mailto:Martine.deWit@MyFWC.com); [Katherine.Frisch@MyFWC.com](mailto:Katherine.Frisch@MyFWC.com); [gzern@co.volusia.fl.us](mailto:gzern@co.volusia.fl.us); [glovewell@mote.org](mailto:glovewell@mote.org); [Allison.Honaker@MyFWC.com](mailto:Allison.Honaker@MyFWC.com); [Jennifer.Johnson@MyFWC.com](mailto:Jennifer.Johnson@MyFWC.com); [jim\\_reid@usgs.gov](mailto:jim_reid@usgs.gov); [jim\\_valade@fws.gov](mailto:jim_valade@fws.gov); [jtuzinski@msq.cc](mailto:jtuzinski@msq.cc); [ktripp@savethemanatee.org](mailto:ktripp@savethemanatee.org); [kjennings@savethemanatee.org](mailto:kjennings@savethemanatee.org); [Kimberlee.Tennille@dep.state.fl.us](mailto:Kimberlee.Tennille@dep.state.fl.us); [laura.eldredge@gmail.com](mailto:laura.eldredge@gmail.com); [Leeann.Rottman@LowryParkZoo.com](mailto:Leeann.Rottman@LowryParkZoo.com); [Florida.Mammals@LowryParkZoo.com](mailto:Florida.Mammals@LowryParkZoo.com); [baryl.martin@MyFWC.com](mailto:baryl.martin@MyFWC.com); [Meg.Martz@MyFWC.com](mailto:Meg.Martz@MyFWC.com); [MayaDVM@msn.com](mailto:MayaDVM@msn.com); [Melynda.A.Brown@dep.state.fl.us](mailto:Melynda.A.Brown@dep.state.fl.us); [Maria.Merrill@MyFWC.com](mailto:Maria.Merrill@MyFWC.com); [ron.mezich@MyFWC.com](mailto:ron.mezich@MyFWC.com); [michael.boos@seaworld.com](mailto:michael.boos@seaworld.com); [walshm@ufl.edu](mailto:walshm@ufl.edu); [mrossbt1@aol.com](mailto:mrossbt1@aol.com); [gary.morse@MyFWC.com](mailto:gary.morse@MyFWC.com); [Andrea.Mosier@MyFWC.com](mailto:Andrea.Mosier@MyFWC.com); [kapustinn@jacksonvillezoo.org](mailto:kapustinn@jacksonvillezoo.org); [nicole\\_adimey@fws.gov](mailto:nicole_adimey@fws.gov); [Pamela.Sweeney@dep.state.fl.us](mailto:Pamela.Sweeney@dep.state.fl.us); [prose@savethemanatee.org](mailto:prose@savethemanatee.org); [Jessica.Pernell@MyFWC.com](mailto:Jessica.Pernell@MyFWC.com); [Randy.Runnells@SeaWorld.com](mailto:Randy.Runnells@SeaWorld.com); [ray.ball@lowryparkzoo.com](mailto:ray.ball@lowryparkzoo.com); [rhazelkorn@mote.org](mailto:rhazelkorn@mote.org); [Tom.Reinert@MyFWC.com](mailto:Tom.Reinert@MyFWC.com); [Kelly.Richmond@MyFWC.com](mailto:Kelly.Richmond@MyFWC.com); [robert\\_bonde@usgs.gov](mailto:robert_bonde@usgs.gov); [robert.rose@palaceentertainment.com](mailto:robert.rose@palaceentertainment.com); [robert.wagoner@seaworld.com](mailto:robert.wagoner@seaworld.com); [Kari.Rood@MyFWC.com](mailto:Kari.Rood@MyFWC.com); [rffloyd@ufl.edu](mailto:rffloyd@ufl.edu); [Carli.Segelson@MyFWC.com](mailto:Carli.Segelson@MyFWC.com); [Steven.Lehr@SeaWorld.com](mailto:Steven.Lehr@SeaWorld.com); [sbutler@usgs.gov](mailto:sbutler@usgs.gov); [Susan.lowe@dep.state.fl.us](mailto:Susan.lowe@dep.state.fl.us); [Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com); [Virginia.Edmonds@LowryParkZoo.com](mailto:Virginia.Edmonds@LowryParkZoo.com); [Leslie.Ward@MyFWC.com](mailto:Leslie.Ward@MyFWC.com)  
**Date:** Fri, 23 Jan 2015 08:13:24 -0500  
**Subject:** rescue update

#### **Boynton Beach:**

Yesterday afternoon, the FWC-SEFL received a report of a lethargic 7 ft manatee listing at the surface with a deep watercraft wound pattern on its dorsum. A rescue team responded, captured the manatee, and transported it to Miami Seaquarium.

-Andy

**Manatee Information (MLog:1624 )**Animal ID: **MSTm1501** Sex: **M** Name: **Jellybean** Rearing: **Wild reared**

-- Release Information -----

**Release Date:** 06/21/2016

-- Release Location Information -----

**Release Site:** Jonathan Dickinson State Park**State:** FL **County:** Martin **City:** Jupiter**Waterway:** Loxahatchee River

-- Measurement -----

**Weight (kg):** 347 **Estimated Weight?:** No **Date Weighed:** 06/21/2016**Length (cm):** 230 **Estimated Length?:** No **Date Measured:** 06/21/2016

-- Other Release Information -----

**Display Water Type:****Release Water Type:****How many months has animal been exposed to release water type?****Is animal bottom feeding?****Has animal been exposed to natural vegetation?****Vegetation Type:****How many months has animal been exposed to vegetation?****Tracker:** pit tag**Veterinarian:** Maya Rodriguez**Organization:** Miami Seaquarium**Participating Org:****Additional Narrative:**

-- Report Information -----

**Created By:** Jodi Tuzinski **Created Date:** 06/23/2016**Updated By:** D **Updated Date:** 06/23/2016

RSE1502



**Fox 29**

*Released*  
*6/21/16*

## **Recovered manatee released into water**

Tuesday, June 21st 2016, 3:25 pm EDT Tuesday, June 21st 2016, 5:16 pm EDT



An injured manatee is back in the water after a long rehab.

Jellybean spent the past 18 months at the Miami Seaquarium.

He was first spotted in Tequesta in January of last year, and later rescued in Boynton Beach.

The juvenile manatee had chronic infections from injuries suffered during a number of watercraft collisions.

He was found floating sideways and having trouble swimming.

Monday afternoon, a crowd gathered at Jonathan Dickinson State Park to see him off.

"Since the manatee was initially seen in Tequesta, we wanted to release him somewhere local where the manatee habits. This area at Jonathan Dickinson is perfect because it's far away from boat traffic. It has a lot of time to acclimate before it gets back into that heavy boat traffic," said Amber Howell with the Florida Fish and Wildlife Conservation Commission.

Florida manatees are considered endangered.

Biologists say Jellybean, now a healthy 750-plus pounds, should find plenty of sea grass to feast on in the Loxahatchee River.

<http://www.wflx.com/story/32274053/recovered-manatee-released-into-water>

# Manatee released into waters 1 year after boating injury

7 News WSVN

Miami Seaquarium released a manatee they named “Jellybean” in the waters of Jupiter, Tuesday.

The manatee was rescued from waters near Boynton Beach the year before, after it appeared to have been struck by a boat.

After several rounds of rehabilitation, the 2-year-old manatee was ready to go back to his natural habitat.

“He was what we like to call a sinker,” said Animal Care Supervisor Jessica Shiffhauer, “so he had puss in his body cavity, so it was very hard for him to come to the surface and take breaths, and he also had very bad wounds to his side. He’s all healed up and ready to go.”

Jellybean is about 7 feet long and more than 500 pounds.

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<http://wsvn.com/news/local/manatee-released-into-waters-1-year-after-boating-injury/>

**Florida Fish and Wildlife Conservation Commission**

Rel: 6/21/16

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Manatee ID: MSTm1501 Date: 6-1-2016 Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Name: Jellybean Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: \_\_\_\_\_ Capture \_\_\_\_\_ Rescue X Pre-release Assess. \_\_\_\_\_ Release \_\_\_\_\_ Post-release Assess. \_\_\_\_\_  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>765</u> # (lb or kg) 6-21-2016	Manatee + stretcher	Stretcher weight	
<b>Lengths</b>	Total Length (curvilinear) (cm)	242 cm		
	Total Length (straight)	<u>230</u> cm		
	Snout to Peduncle	178 cm		
	Snout to Anus	170 cm		
	Snout to Umbilicus	101 cm		
<b>Girths</b>	Girth at Peduncle: 92 cm actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in	
	Girth at Anus: 113 cm actual			
	Girth at Umbilicus: 171 cm actual			
	Girth at Axilla: 146 cm actual			
<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus Peduncle	
Scanoprobe No.: 1 / 2	1	/	/	/
Other:	2	/	/	/
	3	/	/	/
<b>CONDITION</b>	Body Score: 1 2 3 4 5 Poor Fair Good Very Good Excellent / Undetermined			
	Peanut shaped head? No	Ribs visible? No		
	Side between anus & peduncle:	Rounded		
	Ventrum:	Rounded		
	Fresh Wounds or Lesions:	No		
	Person(s) assessing condition:	Dr. Maya Rodriguez		
<b>REPROD. STATUS</b>	Pregnant? No			
	Lactating?	No		
<b>SAMPLES</b>	Milk sample collected? stored?	N/A		
	Volume of milk collected? / Teat?	N/A		
	Person collecting milk?	N/A		
	Urine? stored?	No		
	Fecal? stored?	No		
	Skin? stored?	No		
	Cookie?	Genetic Tube collected		
<b>MONITORING</b>	Heartrate: Stethoscope			
	Temperature: Nasal			
	Respiratory Rate? Yes			

Manatee ID: MSTm1501

Manatee Name: Jellybean

Date: 6-1-2016

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release blood	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture?	Yes
	PIT tagged by:	Dr. Maya Rodriguez 6-1-2016		
	Right #	<b>00-072A-95F7</b>		
	Left #	<b>00-072A-88A9</b>		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	<b>BELT</b> Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Right, Left, Front, Rear, Paddle 6-8-2016		
	Exposures:	Sent to CathyBeck		
<b>SKETCHES</b>	Sketched by:			
<b>Comments</b>				

**Manatee Information (MLog:1624 )**Animal ID: **MSTm1501** Sex: **M** Name: **Jellybean** Rearing: **Wild reared**

## -- Tag Information -----

**Tag Type:** Pit Tag Left **Date Applied:** 06/01/2016 **Tag ID** 00072A88A9**Tag ID** 00072A88A9**Information:****Event:** Release **Event Date** 06/21/2016

## -- Report Information -----

**Created By:** Jodi Tuzinski **Created Date:** 06/23/2016**Updated By:** D **Updated Date:** 06/23/2016

## -- Tag Information -----

**Tag Type:** Pit Tag Right **Date Applied:** 06/01/2016 **Tag ID** 00072A95F7**Tag ID** 00072A95F7**Information:****Event:** Release **Event Date** 06/21/2016

## -- Report Information -----

**Created By:** Jodi Tuzinski **Created Date:** 06/23/2016**Updated By:** D **Updated Date:** 06/23/2016

Entered  
7/19/16  
DJS

Captive  
+  
PIT



Resc / Dth  
2/13/15 2/15/15

## Rescue Report

RSE1503

Watercraft

### GENERAL

Date of Rescue: 13 February 2015	Date of Initial Call: 13 February 2015	Filed by: A. Howell
Rescue ID: RSE1503	Facility ID: MSTm1502	Other ID:
FWC Case Number: 1153	FWC Region: S0-A	
Sex: Male	Length: 209 cm	Estimated: No
Weight: 164 kg	Estimated: No	
PIT Tag Present:	PIT Tag Applied:	R: L:
State: FL	County: St. Lucie	City: Ft. Pierce
Waterway: Taylor Creek		
Latitude (Decimal Degrees): 27.46963° N		Longitude (Decimal Degrees): -80.33681° W
Locality Description: 115 m WNW of 1889 North US Highway 1		
Method of Capture: Hoop net		

### REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input checked="" type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
--	--	--------------------------------

Describe: Minimum of two watercraft-related wound series, some wounds were penetrating, but others were superficial. Wounds on the right lateral peduncle and tail appeared fresh, and wounds on the dorsum were chronic and very necrotic

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
13 February 2015	At 1315 hrs, FWC biologist Lauren Connor (LAC) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee. The caller, Charles (772-324-1859), stated the manatee was across from the spillway in Taylor Creek. LAC received a photo at 1330 hrs and sent it to FWC biologist Amber Howell (ARH). ARH was nearby at the Ft. Pierce Manatee Observation Center giving a presentation and arrived on site at 1350 hrs. ARH called FWC LE Miles Weimar (MBW) and FWC volunteer Brendan Beard (BB) to bring the rescue truck and hoop net to the location. MBW and BB arrived at 1600 hrs and the animal was hoop netted by 1620 hrs. The animal arrived at Miami Seaquarium at 1945 hrs.
15 February 2015	At 1645 hrs, ARH received a call from MSQ staff that the animal had died at 1630 hrs.

## PARTICIPANTS

FWC SE: A. Howell

FWC LE: M. Weimar

FWC volunteer: B. Beard

Harbor Branch Oceanographic Institute: Steve Burton, Wendy Marks, Adam Schaffer

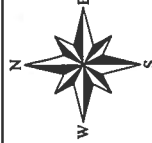
## Edited by:

TRR

DJS

AJG

(Rev: 03/18/2013)

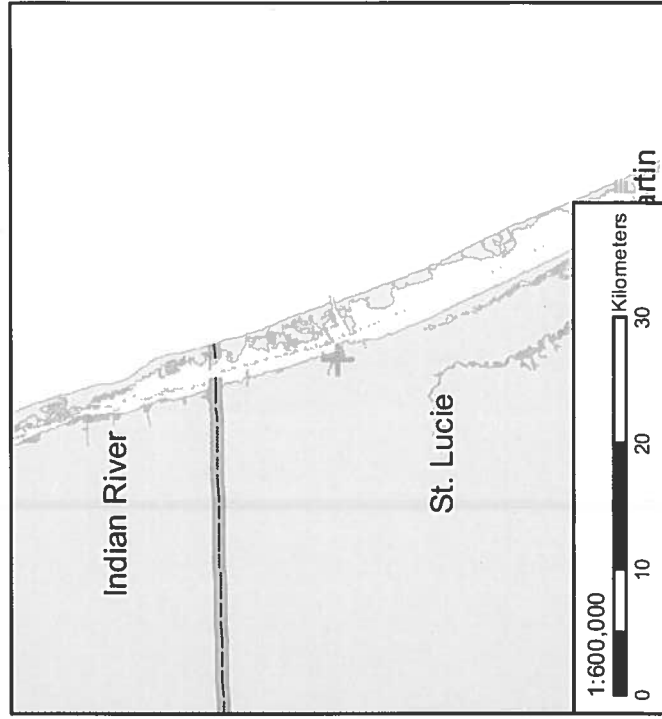
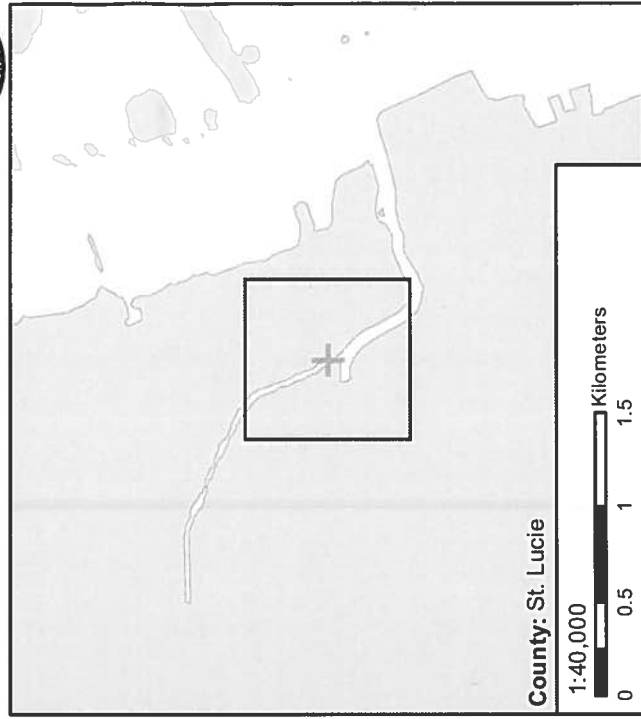
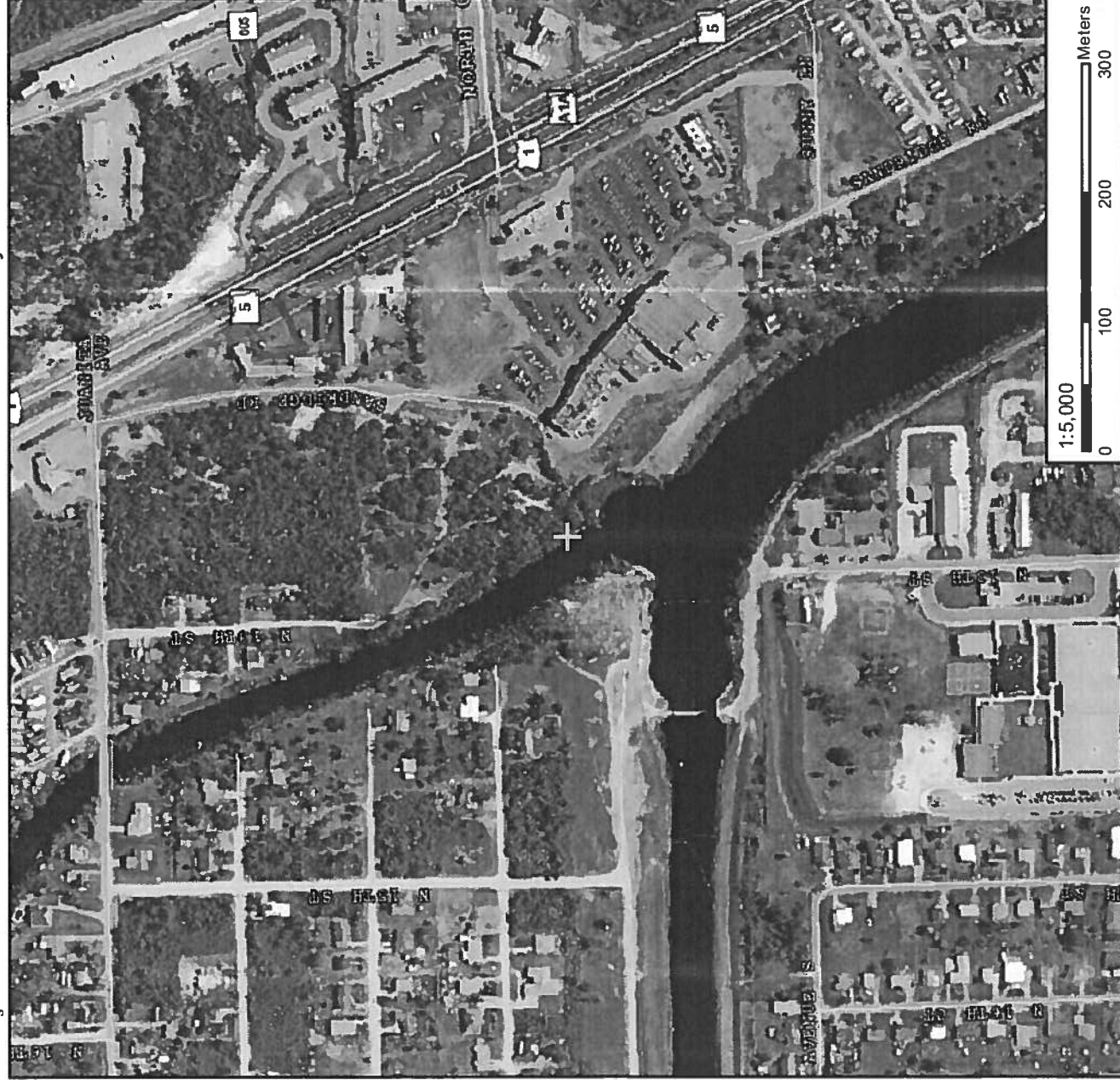


# Verified Response Location of Manatee Rescue RSE1503

Rescue Date: 2/13/2015

Facility ID: MSTm1502

Map Created 4/21/2016



**Locality Description:**

115 m WNW of 1889 North US Highway 1

**Latitude:** 27.46963°N

**Longitude:** -80.33681°W

## Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

**Field ID #:** MSTm1502

**Date of Report:** 2015-Feb-15

**Filed By:** FWC MMPL

**FWC Case #** 1153

**FWC Region:** SO-A

**Sex:** Male

**Length:** 212 cm (estimated)

**Weight:** 164.0 kg

**DATE REPORTED:** 2015-Feb-15

**By:** MSQ to FWC-ARH

**DATE COLLECTED:** 2015-Feb-16

**By:** FWC-ACA

**DATE NECROPSIED:** 2015-Feb-17

**By:** MMPL-MdW,BLB,KJR,DJS,BSV FWC-ACA

**LOCATION: State:** FL

**Latitude:** 27.46963 N

**County:** St. Lucie

**Longitude:** -80.33681 W

**Waterway:** Taylor Creek

**Locality description:** Ft. Pierce, 115 meters WNW of 1889 North US Highway 1.

**CONDITION:** Moderately Decomposed

**PROBABLE CAUSE OF DEATH:** Human Related: Watercraft Collision

**EXPLAIN:** Impact; Chronic; Watercraft wounds; Emaciated; Depleted fats; Serous fats; Fractured rib(s); Luxated rib(s); Torn hemidiaphragm(s); Torn parietal pleura; Pyothorax; Abscesses; Relatively empty GI tract; Dry, hard feces; Skin lesions with purulent and necrotic material; Swollen flipper; Hemorrhagic periosteum; Consolidated, adhered lung; Bloody lung; Mucus, froth in airways; Enlarged liver, spleen; Kidney lesion; Adhered colon, cecum associated with abscesses; Adhered small intestine; Sand in stomach, duodenum, cecum; Congested mesenteries, urinary bladder mucosa.

**PHOTOGRAPHS TAKEN:** Dorsal, Ventral, Lateral, Fluke, Cranial, Internal, Other (wounds, lesions).

**MATERIALS COLLECTED:**

Genetics, Earbone, ELISA toxicology samples, Histology.

**DISPOSITION OF MATERIAL:** FWC MMPL.

**ADDITIONAL DATA:**

Histology report. Rescue report. Wound measurements.

**REMARKS:**

PIT tag scan negative. Died on 15 Feb 2015. Died at 1630 hrs. Died in facility. See rescue report RSE1503. Rescued on 13 Feb. Actual length of the remains was 210 cm. Blood clots associated with thoracentesis.

Page 1&2	
Necropsy Report	
Lat/Long	

Resc / Rel  
3/21/15 1/13/16

## Rescue Report

RSE1506

Natural  
Cold Stress

### GENERAL

Date of Rescue: 21 March 2015	Date of Initial Call: 21 March 2015	Filed by: A. Allen
Rescue ID: RSE1506	Facility ID: MSTm1504	Other ID: Sully
FWC Case Number: 2134	FWC Region: SO-A	
Sex: Male	Length: 262 cm	Estimated: No
	Weight: 180 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied:	R: L:
State: FL	County: Martin	City: Stuart
Latitude (Decimal Degrees): 27.15402° N		Longitude (Decimal Degrees): -80.20026° W
Locality Description: approximately 75 m SW 3764 SE Fairway East near mouth of Crooked Creek into Manatee Pocket		
Method of Capture: Hoop net		

### REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input checked="" type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

#### Cold Stress

Describe: Manatee had cold stress lesions and raw, spongy epidermis encompassing a majority of its body, very emaciated.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

### HISTORY

Date	Narrative
21 March 2015	At 1251 hrs, FWC biologist-Aarin Allen (ACA) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a manatee in distress at 3274 SE Fairway East in Stuart. The complainant, Derrick Clark (772-223-8301), stated that the manatee was having a hard time keeping its head up and appeared to have raw meat hanging from his back, looking almost completely white. ACA contacted



## Rescue Report

RSE1506

Dispatch to request officer assistance. At 1351 hrs, FWC LE Officer Jason Willems verified the manatee in distress and sent photos to ACA. Officer Willems advised ACA he was heading to a boating accident and would no longer be available for assistance. ACA called FWC biologist Amber Howell (ARH) to coordinate a rescue. ARH advised calling Martin County Sheriff's Office, and also asking Officer Willems an estimated time that he may be available. MCSO was unavailable. Officer Willems called ACA at 1640 hrs to advise he would be available soon. ACA contacted FWC volunteers and the rescue team met Officer Willems at 1700 hrs. Aboard Ofc. Willems boat, ACA hoop netted the animal by 1750 hrs. The manatee was loaded into the rescue truck by 1810 hrs and arrived to Miami Seaquarium at 2035 hrs.

### PARTICIPANTS

FWC SE: A. Allen

FWC Volunteers: TJ Wilkerson, Kelly McCorry

FWC LE: Officer Jason Willems

### Edited by:

TRR

DJS

AJG

(Rev: 03/18/2013)

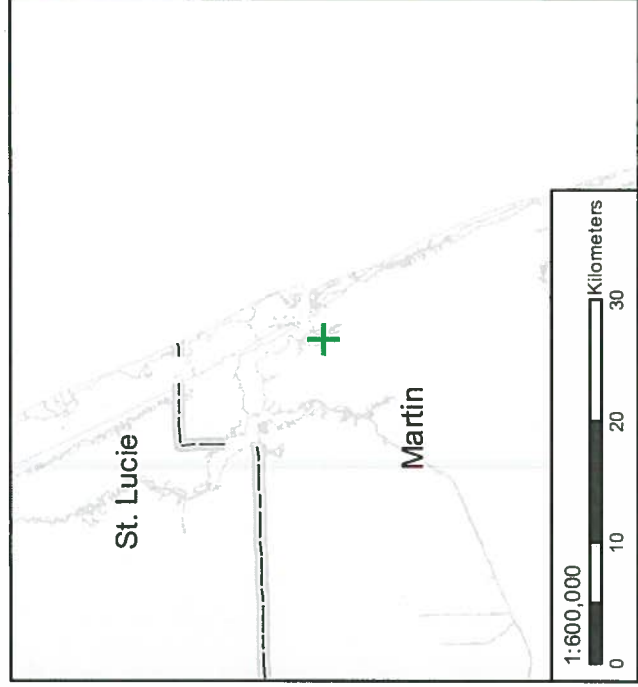
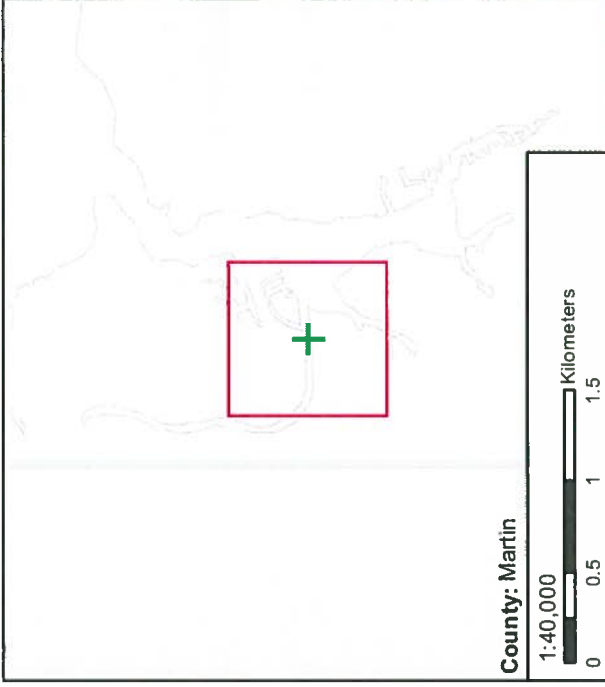


# Verified Response Location of Manatee Rescue RSE1506

Rescue Date: 3/21/2015

Facility ID: MSTm1504

Map Created 4/21/2016



**Locality Description:**

approximately 75 m SW 3764 SE Fairway East near mouth of Crooked Creek into Manatee Pocket

**Latitude:** 27.15402°N

**Longitude:** -80.20026°W

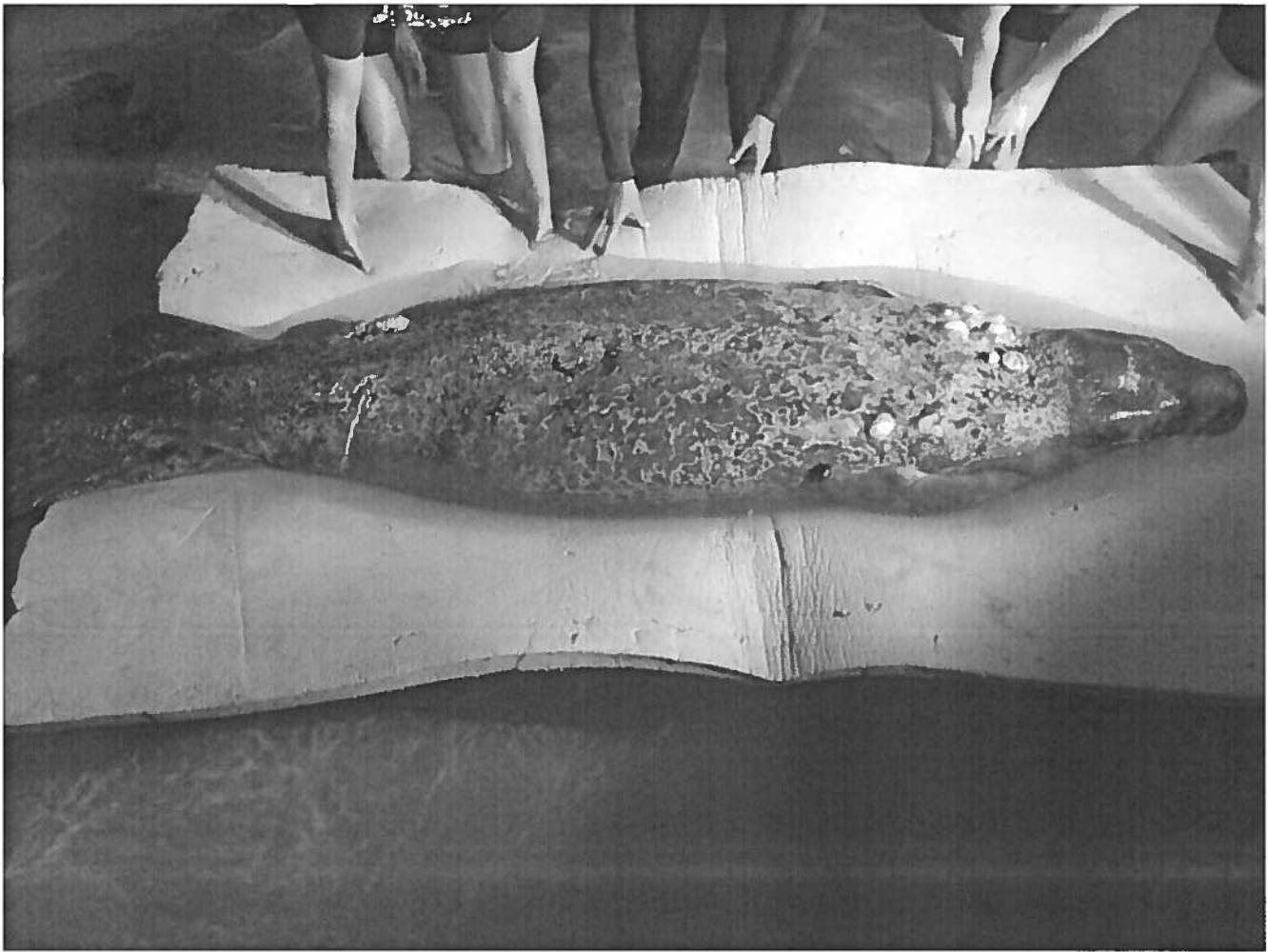
Rel  
1/13/16

**From:** Garrett, Andy  
**Sent:** Monday, March 23, 2015 9:07 AM  
**To:** Adrienne Atkins; Amy Teague; Arielle Taylor-Manges; Barlas, Margie; Barraco, Liz; Bill Hughes; Boyd, Denise; Basino, Brandon; Buddy Powell; Knox, Carol; Cathy Beck; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; Frisch, Katherine; Georgia Zern; Gordon, Nadia; Gretchen Lovewell; Honaker, Allison; Howell, Amber; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuzinski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Maya; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nicole Adimey; Pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Richmond, Kelly; Rigney, Kane; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Salberg, Leonard; Segelson, Carli; Spellman, Ann; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Reinert, Tom; Virginia Edmonds; Ward, Leslie  
**Subject:** rescue update - Stuart manatee photos



MSTM1504  
RSE1506  
"Sully"





RSE1506



RSE1506

**From:** Garrett, Andy

**Sent:** Monday, March 23, 2015 9:04 AM

**To:** Adrienne Atkins; Amy Teague; Arielle Taylor-Manges; Barlas, Margie; Barraco, Liz; Bill Hughes; Boyd, Denise; Basino, Brandon; Buddy Powell; Knox, Carol; Cathy Beck; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; Frisch, Katherine; Georgia Zern; Gordon, Nadia; Gretchen Lovewell; Honaker, Allison; Howell, Amber; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Maya; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nicole Adimey; Pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Richmond, Kelly; Rigney, Kane; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Salberg, Leonard; Segelson, Carli; Spellman, Ann; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Reinert, Tom; Virginia Edmonds; Ward, Leslie

**Subject:** rescue update

**Stuart:**

On Saturday, a FWC-SEFL rescue team responded to a report of a lethargic manatee in Stuart. The 7-8 manatee was captured and transported to MSQ.

The manatee was described as having a large portion of its back covered in necrotic tissue and large abscesses.

- Andy

file:///C:/Users/donna.szemer/Downloads/rescue%20update%20-%20Stuart%20manatee%... 3/23/2015



## Szemer, Donna

---

**From:** mayadvn@msn.com  
**Sent:** Monday, March 23, 2015 9:40 AM  
**To:** Garrett, Andy; Adrienne Atkins; Amy Teague; Arielle Taylor-Manges; Barlas, Margie; Barraco, Liz; Bill Hughes; Boyd, Denise; Basino, Brandon; Buddy Powell; Knox, Carol; Cathy Beck; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; Frisch, Katherine; Georgia Zern; Gordon, Nadia; Gretchen Lovewell; Honaker, Allison; Howell, Amber; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Richmond, Kelly; Rigney, Kane; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Salberg, Leonard; Segelson, Carli; Spellman, Ann; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Reinert, Tom; Virginia Edmonds; Ward, Leslie  
**Subject:** RE: More photos Paddle ID?  
**Attachments:** Keybler and Sullyy (paddle) small.PNG; Keybler and Sully bonding small.PNG

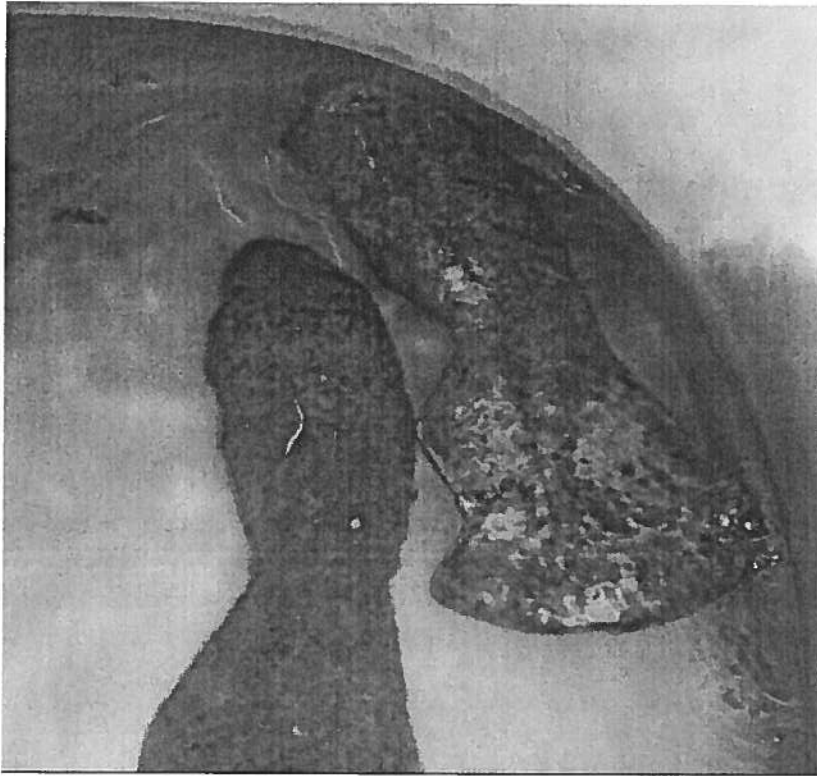
Hi, Both manatees have high white counts, infection. The Key Largo manatee does have a left area of crepitous and concavity that we will xray when more stable, it also has parasites. It bonded immediately to the larger Stuart manatee. The larger one has started eating. The paddle has a distinct cut maybe ID possible? Both were given antibiotics, tubing, deworming NSAIDS for the big one, tramadol for the little one.

Maya

RSE1506

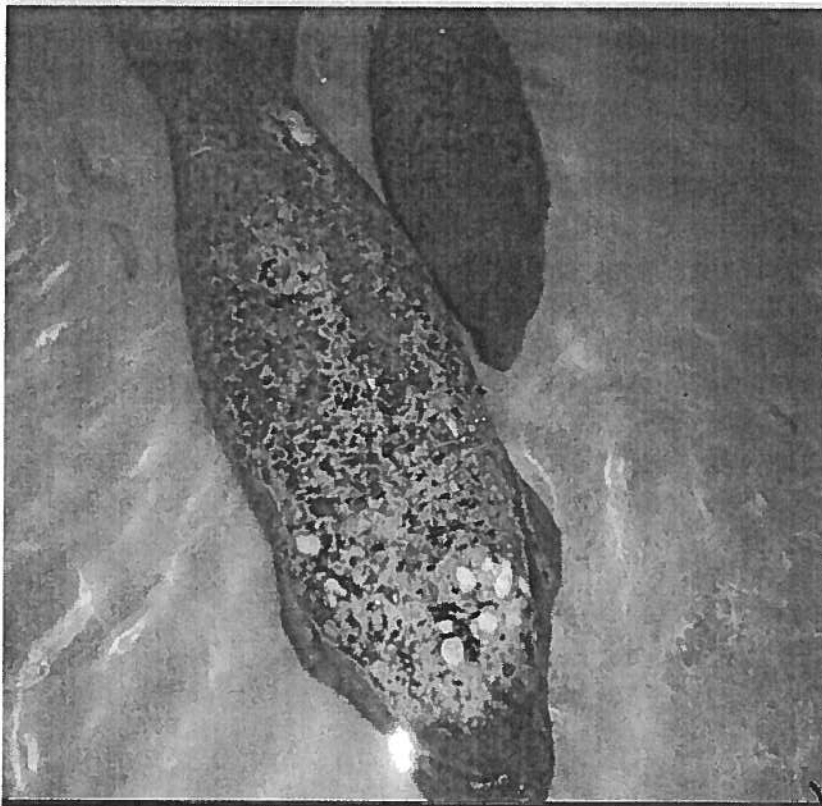
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**From:** Andy.Garrett@MyFWC.com  
**To:** atkinsa@jacksonvillezoo.org; amy\_teague@usgs.gov; Arielle.TaylorManges@dep.state.fl.us; Margie.Barlas@MyFWC.com; Liz.Barraco@MyFWC.com; Bill.Hughes@seaworld.com; Denise.Boyd@MyFWC.com; Brandon.Basino@MyFWC.com; jpowell@sea2shore.org; carol.knox@MyFWC.com; cathy\_beck@usgs.gov; cberchem@savethemanatee.org; millerc@jaxzoo.org; kogiavet@hotmail.com; dmurphydvm@gmail.com; Martine.deWit@MyFWC.com; Katherine.Frisch@MyFWC.com; gzern@co.volusia.fl.us; Nadia.Gordon@MyFWC.com; glovewell@mote.org; Allison.Honaker@MyFWC.com; Amber.Howell@MyFWC.com; Jennifer.Johnson@MyFWC.com; jim\_reid@usgs.gov; jim\_valade@fws.gov; jtuzinski@msq.cc; ktripp@savethemanatee.org; kjennings@savethemanatee.org; Kimberlee.Tennile@dep.state.fl.us; laura.eldredge@gmail.com; Leeann.Rottman@LowryParkZoo.com; Florida.Mammals@LowryParkZoo.com; baryl.martin@MyFWC.com; Meg.Martz@MyFWC.com; MayaDVM@msn.com; Melynda.A.Brown@dep.state.fl.us; Maria.Merrill@MyFWC.com; ron.mezich@MyFWC.com; michael.boos@seaworld.com; walshm@ufl.edu; mrossbtl@aol.com; gary.morse@MyFWC.com; Andrea.Mosier@MyFWC.com; nicole\_adimey@fws.gov; Pamela.Sweeney@dep.state.fl.us; prose@savethemanatee.org; Jessica.Pernell@MyFWC.com; Randy.Runnells@SeaWorld.com; ray.ball@lowryparkzoo.com; rhazelkorn@mote.org; Kelly.Richmond@MyFWC.com; Kane.Rigney@MyFWC.com; robert\_bonde@usgs.gov; robert.rose@palaceentertainment.com; robert.wagoner@seaworld.com; Kari.Rood@MyFWC.com; rffloyd@ufl.edu; leonard.salberg@MyFWC.com; Carli.Segelson@MyFWC.com; Ann.Spellman@MyFWC.com; Steven.Lehr@SeaWorld.com; sbutler@usgs.gov; Susan.lowe@dep.state.fl.us; Donna.Szemer@MyFWC.com; Thomas.Reinert@MyFWC.com; Virginia.Edmonds@LowryParkZoo.com; Leslie.Ward@MyFWC.com  
**Subject:** rescue update - Stuart manatee photos  
**Date:** Mon, 23 Mar 2015 13:07:18 +0000



RSE1506

RSE1505



RSE1505

RSE1506

**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: MSTM1504 Date: 12-7-2015 Time Captured(Onboard): \_\_\_\_\_  
 Name: Sully Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: Capture Rescue x Pre-release Assess. Release Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>855 #</u> (lb or kg) <u>(1-13-2016)</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	285 cm	
	Total Length (straight)	277 cm	
	Snout to Peduncle	190 cm	
	Snout to Anus	167 cm	
	Snout to Umbilicus	89 cm	
<b>Girths</b>	Girth at Peduncle: <u>100cm actual</u>	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: <u>148cm actual</u>		
	Girth at Umbilicus: <u>179cm actual</u>		
	Girth at Axilla: <u>141cm actual</u>		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u>
	Side between anus & peduncle: <u>Rounded</u>
	Ventrum: <u>Rounded</u>
	Fresh Wounds or Lesions: <u>No</u>
	Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? <u>No</u>

<b>SAMPLES</b>	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>N/A</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube Taken</u>

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: MSTm1504

Manatee Name: Sully

Date: 12-7-2015

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release blood collected	1			L / R
	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture? Yes 12/7/2015	
	PIT tagged by:	Dr. Maya Rodriguez		
	Right #	00 - 072 A - 8 E 3 7 <i>Entered 01/14/16</i>		
	Left #	00 - 072 A - D 8 C 2 <i>255</i>		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF <i>PIT Capture</i>		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	<b>BELT</b> Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: _____ ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by: <i>ARH</i>	<i>Yes</i>		
	Exposures:	<i>FWC029-2016-01-13 - 4878 through - 4883</i>		
<b>SKETCHES</b>	Sketched by:			

Comments

Release

MSTM1504  
"Sully"  
RSE1506

**News 7 WSVN Miami/Fort Lauderdale**

## **Miami Seaquarium's rescued manatee released**

*Posted: Jan 13, 2016 5:55 PM EST*

*Updated: Jan 13, 2016 5:55 PM EST*

MIAMI (WSVN) -- After months at the Miami Seaquarium, Sully the sick manatee is being released, Wednesday.

The 9-foot-long manatee was rescued by Florida Fish and Wildlife (FWC) officials on March 21, 2015. He was showing signs of cold stress, weighing only 400 pounds.

Sully was then transferred to the Miami Seaquarium where he was treated for symptoms of hypothermia. "He was just in cold water for too long and was very sore," said Jessica Sciffhauei of the Miami Seaquarium.

Now, Sully weighs 900 pounds and is ready to go back home after being rehabilitated



<http://www.wsvn.com/story/30959680/miami-seaquariums-rescued-manatee-released>

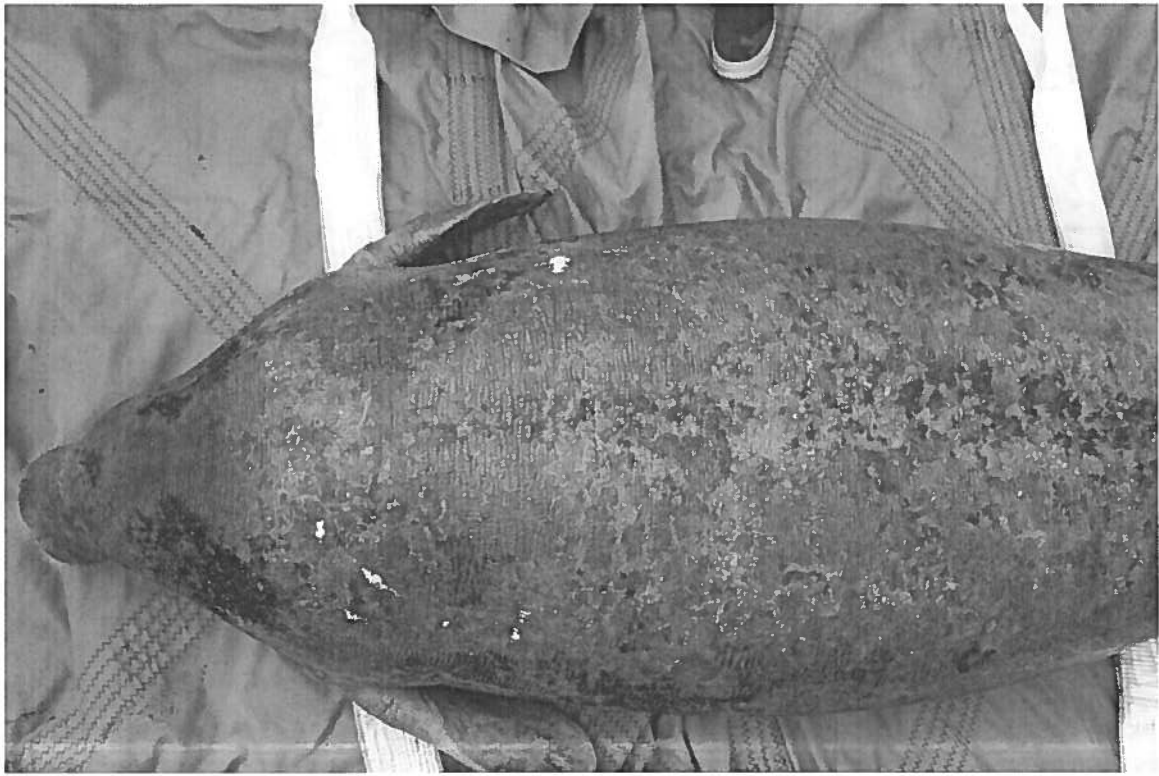




Rescue 3/21/15

MSTM1504  
RSE1506  
"Sully"

Release 1/13/16



MSTMI 504  
RSE1506

"Sully"

# Rescue Report

RSE1510

Rescued / Rel  
5/13/15 10/19/17  
Watercraft

## GENERAL

Date of Rescue: 13 May 2015 Date of Initial Call: 11 May 2015 Filed by: A. Howell  
Rescue ID: RSE1510 Facility ID: MSTm1506 Other ID: RSE1504, "Pocket"  
FWC Case Number: 3622 FWC Region: SO-A  
Sex: Male Length: 205 cm Estimated: No Weight: kg Estimated:  
PIT Tag Present: No PIT Tag Applied: R: L:  
State: FL County: Martin City: Stuart Waterway: Manatee Pocket  
Latitude (Decimal Degrees): 27.1565° N Longitude (Decimal Degrees): -80.19927° W  
Locality Description: 60 m E of the Mariner Cay guardhouse at the intersection of SE Whiticar Ln and SE Center board  
Method of Capture: Land-based boat capture

## REASON FOR RESCUE

Check one of the following:

- ☒ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☐ Orphan ☐ Other: (Specify):

## Watercraft

Check all that apply:

- ☐ Penetrating Cuts ☒ Impact ☐ Other

Describe: One linear skeg wound across lower dorsum and peduncle. Animal was negatively buoyant and listing completely sideways with left side up.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
11 May 2015	At 1123 hrs, FWC biologist Amber Howell (ARH) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee. The complainant, Stuart (727-364-4439), stated it was behind 3901 SE St Lucie

## Rescue Report

RSE1510

Blvd. ARH requested FWC officer assistance and made contact with the responding officer. ARH also called FWC volunteer Jim Moir to meet them with his boat since the complainant had not seen the manatee for a little while after reporting. ARH and FWC Tom Reinert loaded gear and met FWC officers Megan Aswall and Jason Willems at the boat ramp to be taken to the manatee's last reported location. The manatee was found right away resting in shallow mud. One hoop net attempt was made, but the hoop net got stuck in mud and the manatee was able to turn and swim under the boat. The animal was followed for a while but made quick turns and was very evasive. The animal was lost from about 1245-1330 hrs. Once located again, the manatee was followed but never in good position to hoop net. Once chased back towards the starting location, the boat's steering malfunctioned and the officers tried to fix the problem so we could continue. After about 30 minutes, it was decided to switch over to Jim Moir's boat and try to hoop net it from there. The manatee was not immediately seen and after another hour of searching the nearby canals, the rescue was postponed.

**12 May 2015**

At 1710 hrs, TRR received a direct call from Lucky, a citizen who observed the rescue attempt the previous day, who stated the animal was back in the same location. TRR asked Lucky to call if it was there in the morning.

**13 May 2015**

At 0900 hrs, ARH called Volunteer Jim Moir to see if he was available to search the same canal system for the manatee. At 1030 hrs, Jim called ARH to report he has located the manatee but could only stay with it for another hour. ARH called FWC Dispatch to see if an officer was available to relieve Jim. ARH and FWC volunteer Sabrina Martens loaded gear and launched the manatee rescue boat by 1200 hrs. The remainder of the crew arrived on scene at approximately 1300 hrs. The capture net was deployed across the canal east of the animal's location to ensure the manatee could not swim out of the dead-end canal. TRR and FWC Jeff Beal (HSC) made several hoop net attempts from an FWC LE boat, but it was too evasive. Once the manatee came near the deployed capture net, ARH completed the net set with the boat by driving across the canal to the other net end and the animal was brought onto the boat by 1415 hrs. The animal arrived at Miami Seaquarium by 1650 hrs.

### **PARTICIPANTS**

FWC SE: Amber Howell, Tom Reinert,  
FWC SE: Volunteers: Sabrina Martens, Joe (ECFL volunteer)  
FWC EC: Ann Spellman, Christie Rush, Jeff Beal  
Harbor Branch: Adam Schaffer, Tyler Harrington

### **Edited by:**

TRR  
DJS  
AJG

(Rev: 03/18/2013)

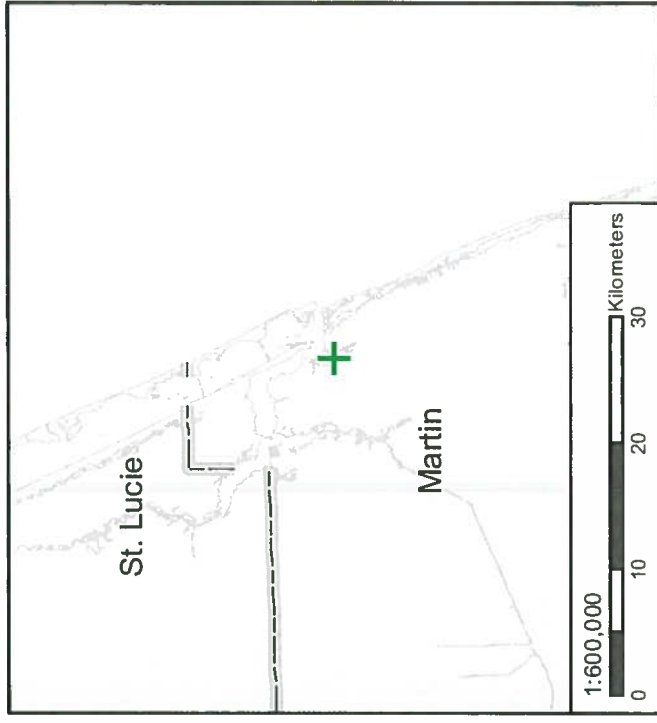
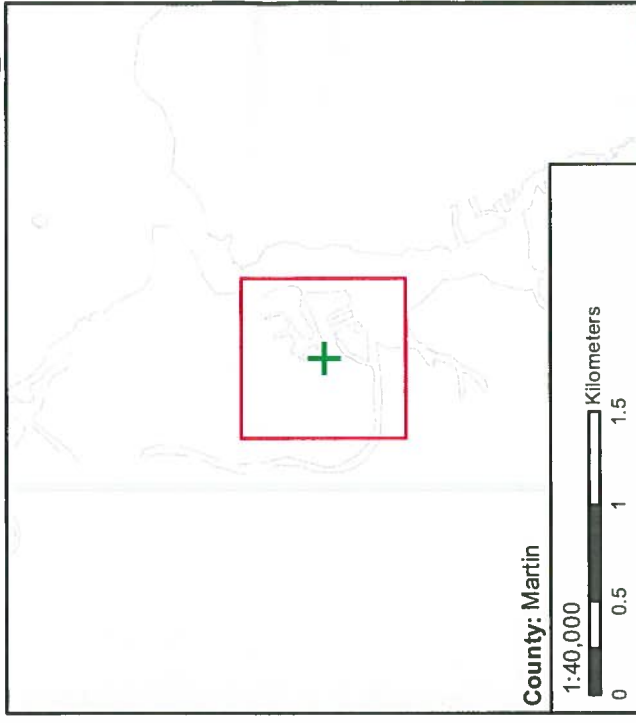




# Verified Response Location of Manatee Rescue RSE1510

**Facility ID: MSTm1506**

Map Created 4/29/2016



**Locality Description:**

60 m E of the Mariner Cay guardhouse at the intersection of SE Whiticar Ln and SE Center Board

**Latitude:** 27.1565°N

Longitude: -80.19927°W



## Szemer, Donna

---

**From:** Garrett, Andy  
**Sent:** Wednesday, May 13, 2015 2:24 PM  
**To:** Adrienne Atkins; Amy Teague; Arielle Taylor-Manges; Barlas, Margie; Barraco, Liz; Bill Hughes; Boyd, Denise; Buddy Powell; Knox, Carol; Cathy Beck; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; Frisch, Katherine; Georgia Zern; Gordon, Nadia; Gretchen Lovewell; Honaker, Allison; Howell, Amber; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuziniski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Maya; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nicole Adimey; pamela Sweeney; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Rigney, Kane; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Salberg, Leonard; Segelson, Carli; Spellman, Ann; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Virginia Edmonds; Ward, Leslie; Young, Roger  
**Subject:** Rescue Update

**Stuart:**

MSTM1506  
RSE1510

The FWC-SEFL received another report of the buoyant manatee in Stuart (attempted rescue on 11 May). A rescue team was organized and the manatee was captured a few minutes ago and will be transported to Miami Seaquarium.

-Andy

(RSE1509 - Incidental during capture)

**From:** Garrett, Andy  
**Sent:** Monday, May 11, 2015 3:25 PM  
**To:** 'Adrienne Atkins'; 'Amy Teague'; 'Arielle Taylor-Manges'; Barlas, Margie; Barraco, Liz; 'Bill Hughes'; Boyd, Denise; 'Buddy Powell'; 'Carol Knox'; 'Cathy Beck'; 'Cora Berchem'; 'Craig Miller'; 'Craig Pelton'; 'Dave Murphy'; deWit, Martine; Frisch, Katherine; 'Georgia Zern'; Gordon, Nadia; 'Gretchen Lovewell'; Honaker, Allison; Howell, Amber; 'Jen Johnson'; 'Jim Reid'; 'Jim Valade'; 'Jodi Tuziniski'; 'Katie Tripp'; 'Kelsey Jennings'; 'Kimberlee Tennile'; 'Laura Eldridge'; 'Leeann Rottman'; 'Lowry Park Zoo Florida Mammals'; Martin, Baryl; Martz, Meg; 'Maya'; 'Melynda Brown'; Merrill, Maria; Mezich, Ron; 'Michael Boos'; 'Mike Walsh'; 'Monica Ross'; Morse, Gary; Mosier, Andrea; 'Nicole Adimey'; 'pamela Sweeney'; 'Pat Rose'; Pernell, Jessica; 'Randy Runnells'; 'Ray Ball'; 'Rebecca Hazelkorn'; Reinert, Tom; Richmond, Kelly; Rigney, Kane; 'Robert Bonde'; 'Robert Rose'; 'Robert Wagoner'; Rood, Kari; 'Ruth Francis-Floyd'; Salberg, Leonard; Segelson, Carli; Spellman, Ann; 'Steve Lehr'; 'Susan Butler'; 'Susan Lowe'; Szemer, Donna; 'Virginia Edmonds'; Ward, Leslie; Young, Roger  
**Subject:** FW: Rescue Alert and Updates

**Stuart:**

Staff from the FWC-SEFL received a report today of a manatee with buoyancy issues and necrotic watercraft wounds. The manatee was described as swimming on its side (see photo IMG 2504). SEFL biologists attempted to hoop net the manatee this afternoon, but were unsuccessful and forced to postpone their efforts due to a vessel breakdown. A replacement vessel arrived some time later, but the rescue team was unable to relocate the manatee.

**Fort Lauderdale:**

FWC-ECFL received a report this morning of a manatee entrapped in a storm water filtration station in Fort Lauderdale. The manatee apparently swam through a culvert that was 40 ft underground and is now in a containment basin (see photo IMG 08041). The manatee has what appears to be abraded epidermis on its head and flippers that could be related to swimming through the culvert.

**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: ~~MSTM1507~~ **MSTM1506** Date: 10-14-2016 Time Captured(Onboard): \_\_\_\_\_  
 Name: Pocket **(RSE1510+)** Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: **RSE1504** Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: \_\_\_\_\_ Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: ☐ Capture ☐ Rescue ☒ Pre-release Assess. ☐ Release ☐ Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>665 #</u> (lb or kg) <u>10-19-2016</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	262 cm	
	Total Length (straight)	240 cm	
	Snout to Peduncle	178 cm	
	Snout to Anus	158 cm	(10-19-2016)
	Snout to Umbilicus	89 cm	(10-19-2016)
<b>Girths</b>	Girth at Peduncle: <u>100</u> cm actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: <u>129</u> cm actual		
	Girth at Umbilicus: <u>182.5</u> cm actual	(*Girth measurements taken 10-19-2016)	
	Girth at Axilla: <u>163</u> cm actual		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	/	/	/
Other:	<u>2</u>	/	/	/
	<u>3</u>	/	/	/

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u>
	Side between anus & peduncle: <u>Rounded</u>
	Ventrum: <u>Rounded</u>
	Fresh Wounds or Lesions: <u>No</u>
	Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? <u>No</u>

<b>SAMPLES</b>	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>No</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube taken</u>

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: ~~MSTm507~~

Manatee Name: Pocket

Date: 10-14-2016

MSTm1506

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods	1			L / R
processed	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture?	Yes
	PIT tagged by:	Dr. Maya Rodriguez		
	Right #	00-072A-DAE6		
	Left #	00-072A-9889		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	<b>TAG Type</b>	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164._____ MHz		
	Tag Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____ msec
	<b>BELT Number / Belt Color</b>	FWC_____ Length: _____" Color: _____		
	Belt Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER Strength / Length</b>	Strength:	Length: _____ ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Left, Right, Front, Paddle, Scar		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			
<b>Comments</b>				

# Rescue Report

RSE1511

Resc: Dth  
7/30/15 4/27/16

Watercraft

## GENERAL

Date of Rescue: 30 July 2015	Date of Initial Call: 30 July 2015	Filed by: A. Howell		
Rescue ID: RSE1511	Facility ID: MSTm1509	Other ID: Loxness		
FWC Case Number: 6424	FWC Region: SO-A			
Sex: Male	Length: 330 cm	Estimated: No	Weight: 550 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied:	R:	L:	
State: FL	County: Palm Beach	City: Jupiter	Waterway: Atlantic Ocean	
Latitude (Decimal Degrees): 26.94230° N		Longitude (Decimal Degrees): -80.07146° W		
Locality Description: 140 m SW of the S tip of the Jupiter Inlet S jetty				
Method of Capture: Land based net set				

## REASON FOR RESCUE

Check one of the following:

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Watercraft | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress           | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded   |
| <input type="checkbox"/> Orphan                | <input type="checkbox"/> Other: (Specify): _____ |   |

## Watercraft

Check all that apply:

- |   |  |                                |
|---|--|--------------------------------|
| <input type="checkbox"/> Penetrating Cuts | <input checked="" type="checkbox"/> Impact | <input type="checkbox"/> Other |
|---|--|--------------------------------|

Describe: Two linear wounds across mid dorsum and upper peduncle. The animal was listing to the right and positively buoyant.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

**HISTORY**

Date	Narrative
30 July 2015	<p>At 1155 hrs, FWC Biologist-Marshalluna Land (MEL) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee. FWC case number 6240 was assigned. The complainant, Caroline (561-510-3023), stated it was at Jupiter Beach Park, north of the Ocean Trail condos. MEL responded at 1220 hrs and did not locate the manatee. At 1238 hrs, MEL received another text alert from Dispatch regarding the same injured animal. The complainant, JoAnne (901-292-2944), stated the manatee was lethargic and there were people in the area. MEL located the manatee at approximately 1255 hrs and requested FWC Officer assistance since the manatee was approximately 100 yards offshore and she could not determine behavior. FWC LE agreed to meet by boat at the Dubois Park Boat Ramp. Jupiter PD agreed to stay on land to deter human interaction and keep eyes on the animal. MEL called FWC Biologist-Amber Howell (ARH) to respond. At approximately 1340 hrs, FWC LE met MEL, ARH and FWC intern TJ Wilkerson (WTW) at the boat ramp. The animal was located moving towards the beach into shallow water. ARH called FWC Tom Reinert (TRR) to respond with the rescue truck and equipment. TRR arrived at 1420 hrs and met staff on the beach. TRR, WTW and MEL deployed the net into the ocean from shore in front of the manatee's perceived direction of travel. ARH positioned on the other side of the manatee to coax it into the net. The land set was completed in one attempt and the animal was brought to shore where FWC LE was standing by with recruited bystanders and a stretcher. The manatee was loaded into the transport truck at 1506 hrs and MEL and WTW transported it to Miami Seaquarium, arriving at 1715 hrs.</p>

**PARTICIPANTS**

FWC SE: Amber Howell, Marshalluna Land, Tom Reinert

FWC SE Intern: TJ Wilkerson

FWC LE: Lt. Atwell Pride, Lt. Dana Morrison, and Captain Derrell Jones

Jupiter Police Department: Jeff Bernstein

Other participants: Citizens/bystanders on site

**Edited by:**

TRR

DJS

AJG

(Rev: 03/18/2013)



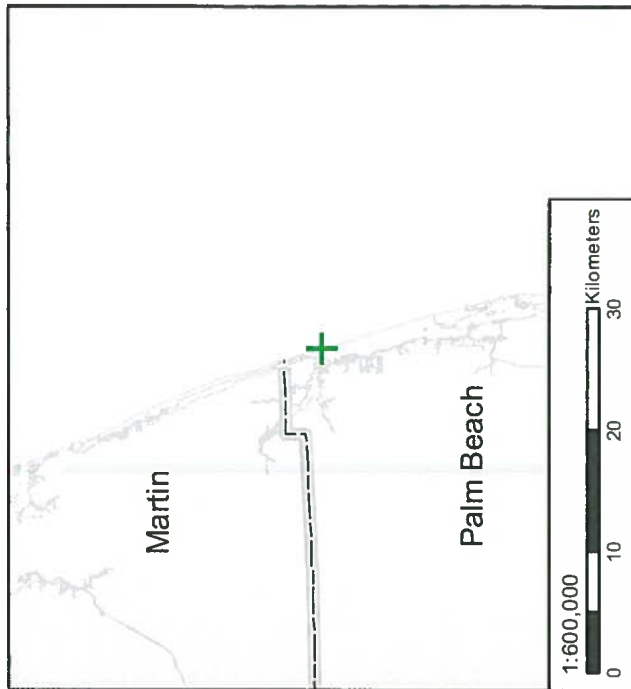
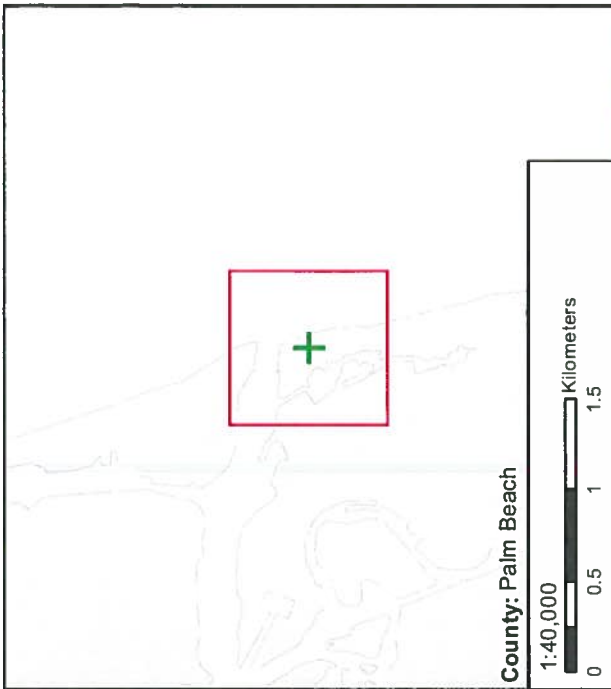


# Verified Response Location of Manatee Rescue RSE1511

Rescue Date: 7/30/2015

Facility ID: MSTm1509

Map Created 4/29/2016



## Locality Description:

140 m SW of the S tip of Jupiter Inlet S Jetty

Latitude: 26.9423°N

Longitude: -80.07146°W

## Szemer, Donna

---

**From:** deWit, Martine  
**Sent:** Thursday, July 30, 2015 2:49 PM  
**To:** Garrett, Andy; Adrienne Atkins; Amy Teague; Arielle Taylor-Manges; Barlas, Margie; Barraco, Liz; Bill Hughes; Boyd, Denise; Buddy Powell; Knox, Carol; Cathy Beck; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; Frisch, Katherine; Georgia Zern; Gordon, Nadia; Gretchen Lovewell; Honaker, Allison; Howell, Amber; Johnson, Jennifer; Jim Reid; Jim Valade; Jodi Tuzinski; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Leeann Rottman; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Maya; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nicole Adimey; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Rigney, Kane; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Salberg, Leonard; Segelson, Carli; Spellman, Ann; Steve Lehr; Susan Butler; Susan Lowe; Szemer, Donna; Virginia Edmonds; Ward, Leslie; Young, Roger  
**Subject:** RE: rescue coordination

*Update: 7/30/15 @ 5:23 PM  
Rescued & on way to Miami*

### Jupiter:

SE Field staff is currently with a lethargic adult manatee with fresh watercraft wounds. The manatee is outside the Jupiter inlet on the ocean side, and water conditions are too rough for the rescue boat. The manatee is about to beach itself, and staff is working on capture logistics from an LE boat, hoping a rescue can be done from land. If captured, the manatee will go to Miami Seaquarium.

---

**From:** deWit, Martine  
**Sent:** Thursday, July 30, 2015 9:58 AM  
**To:** Garrett, Andy <Andy.Garrett@MyFWC.com>; Adrienne Atkins <atkinsa@jacksonvillezoo.org>; Amy Teague <amy\_teague@usgs.gov>; Arielle Taylor-Manges <Arielle.TaylorManges@dep.state.fl.us>; Barlas, Margie <Margie.Barlas@MyFWC.com>; Barraco, Liz <Liz.Barraco@MyFWC.com>; Bill Hughes <Bill.Hughes@seaworld.com>; Boyd, Denise <Denise.Boyd@MyFWC.com>; Buddy Powell <jpowell@sea2shore.org>; Knox, Carol <carol.knox@MyFWC.com>; Cathy Beck <cathy\_beck@usgs.gov>; Cora Berchem <cberchem@savethemanatee.org>; Craig Miller <millerc@jaxzoo.org>; Craig Pelton <kogiavet@hotmail.com>; Dave Murphy <dmurphydvm@gmail.com>; Frisch, Katherine <Katherine.Frisch@MyFWC.com>; Georgia Zern <gzern@co.volusia.fl.us>; Gordon, Nadia <Nadia.Gordon@MyFWC.com>; Gretchen Lovewell <glovewell@mote.org>; Honaker, Allison <Allison.Honaker@MyFWC.com>; Howell, Amber <Amber.Howell@MyFWC.com>; Johnson, Jennifer <Jennifer.Johnson@MyFWC.com>; Jim Reid <jim\_reid@usgs.gov>; Jim Valade <jim\_valade@fws.gov>; Jodi Tuzinski <jtuzinski@msq.cc>; Katie Tripp <ktripp@savethemanatee.org>; Kelsey Jennings <kjennings@savethemanatee.org>; Kimberlee Tennile <Kimberlee.Tennille@dep.state.fl.us>; Laura Eldridge <laura.eldredge@gmail.com>; Leeann Rottman <Leeann.Rottman@LowryParkZoo.com>; Lowry Park Zoo Florida Mammals <Florida.Mammals@LowryParkZoo.com>; Martin, Baryl <baryl.martin@MyFWC.com>; Martz, Meg <Meg.Martz@MyFWC.com>; Maya <MayaDVM@msn.com>; Melynda Brown <Melynda.A.Brown@dep.state.fl.us>; Merrill, Maria <Maria.Merrill@MyFWC.com>; Mezich, Ron <ron.mezich@MyFWC.com>; Michael Boos <michael.boos@seaworld.com>; Mike Walsh <walshm@ufl.edu>; Monica Ross <mrossbtl@aol.com>; Morse, Gary <gary.morse@MyFWC.com>; Mosier, Andrea <Andrea.Mosier@MyFWC.com>; Nicole Adimey <nicole\_adimey@fws.gov>; Pat Rose <prose@savethemanatee.org>; Pernell, Jessica <Jessica.Pernell@MyFWC.com>; Randy Runnells <Randy.Runnells@SeaWorld.com>; Ray Ball <ray.ball@lowryparkzoo.com>; Rebecca Hazelkorn <rhazelkorn@mote.org>; Reinert, Tom <Tom.Reinert@MyFWC.com>; Richmond, Kelly <Kelly.Richmond@MyFWC.com>; Rigney, Kane <Kane.Rigney@MyFWC.com>; Robert Bonde <robert\_bonde@usgs.gov>; Robert Rose <robert.rose@palaceentertainment.com>; Robert Wagoner <robert.wagoner@seaworld.com>; Rood, Kari <Kari.Rood@MyFWC.com>; Ruth Francis-Floyd <rffloyd@ufl.edu>; Salberg, Leonard <leonard.salberg@MyFWC.com>; Segelson, Carli <Carli.Segelson@MyFWC.com>; Spellman, Ann <Ann.Spellman@MyFWC.com>; Steve Lehr <Steven.Lehr@SeaWorld.com>; Susan Butler <sbutler@usgs.gov>; Susan Lowe <Susan.lowe@dep.state.fl.us>; Szemer, Donna <Donna.Szemer@MyFWC.com>; Virginia Edmonds <Virginia.Edmonds@LowryParkZoo.com>; Ward, Leslie





RSE1511 / MSTM 1511

## Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MSTm1509

Date of Report: 2016-Apr-28

Filed By: FWC MMPL

FWC Case # 6424

FWC Region: SO-A

Sex: Male

Length: 321 cm

Weight: 496.0 kg

DATE REPORTED: 2016-Apr-28

By: MSQ to FWC-ARH

DATE COLLECTED: 2016-Apr-28

By: FWC-MEL

DATE NECROPSIED: 2016-Apr-29

By: MMPL-MdW,KJR,DJS,AJG

LOCATION: State: FL

Latitude: 26.9423 N

County: Palm Beach

Longitude: -80.07146 W

Waterway: Atlantic Ocean

Locality description: Jupiter, 140 m SW of the south tip of the Jupiter Inlet, south jetty.

CONDITION: Moderately Decomposed

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

EXPLAIN: Impact; Chronic; Emaciated; Pyothorax; Relatively empty GI tract; Wet lung(s); Asymmetric carcass; Scoliosis; Remodeling rib fractures; Adhered left lung, hemidiaphragm; Caseous material coating left lung, parietal pleura; Frothy right lung; Fibrin adhesions of right hemidiaphragm; Fluid, mucus, froth in airways; Enlarged T-septal lymph nodes surrounded by caseous material; Black regions of kidney discoloration; Mottled, bloody liver; Thickened left AV valves with small clots of tissue; Congested mesenteries, small intestine wall, pancreas, meninges; Hemorrhagic colon wall; Purulent material surrounding thoracocentesis lesion; Black specks parietal pleura.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Cranial, Internal, Other (Bleached epidermis, copepods).

MATERIALS COLLECTED:

Genetics, Earbone, ELISA toxicology samples, Histology.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

Rescue report.

REMARKS:

PIT tag scan positive (Left: 00-072A-9CEE; Right: 00-06F0-32C4). Died on 27 Apr 2016. Died at 2200 hrs. Died in facility. Hemorrhagic spots in peduncle muscle from injection sites. See rescue report RSE1511, "Loxness", rescued on 30 July 2015. Also known as M128, "Snook", first sighted on 21 Jan 1995.

Page 1&2	
Necropsy Report	
Lat/Long	

# Rescue Report

RSE1603

## GENERAL

Date of Rescue: 03 March 2016 Date of Initial Call: 02 March 2016 Filed by: A. Howell  
Rescue ID: RSE1603 Facility ID: MSTm1601 Other ID: Jedi  
FWC Case Number: 1982 FWC Region: SO-A  
Sex: Male Length: 171 cm Estimated: No Weight: 68 kg Estimated: Yes  
PIT Tag Present: No PIT Tag Applied: R: L:  
State: FL County: Martin City: Stuart Waterway: St Lucie River  
Latitude (Decimal Degrees): 27.21845° N Longitude (Decimal Degrees): -80.27010° W  
Locality Description: 45 m behind 744 NW Spruce Ridge Drive.  
Method of Capture: Hoop Net

## REASON FOR RESCUE

Check one of the following:

- ☐ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☒ Orphan ☐ Other: (Specify): \_\_\_\_\_

### All Other

Describe: small manatee, by itself, few colds stress lesions, pacing, shallow and rapid breathing

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
02 March 2016	At 1620 hrs, FWC biologist Marshalluna Land (MEL) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an orphaned manatee. FWC case number 1982 was assigned. The complainant, Catherine (561-252-3312), had seen it for a while, pacing back and forth, with no other animals in the area. MEL requested photos which were received at 1630 hrs. FWC intern Christopher Carroll (CAC) arrived on site at 1710 hrs to verify the size and



**03 March 2016**

behavior. CAC observed a 5-6 foot animal, alone, with a few cold stress lesions, but overall behavior and respirations were normal. CAC called FWC biologist Amber Howell (ARH) to update her, and it was decided to request that Catherine call in the morning if it was still there.

At 1010 hrs, CAC received a direct call from Catherine that the manatee was observed in the original location, pacing back and forth. CAC contacted ARH, who arrived on site at 1040 hrs. ARH observed a 5.5 foot manatee that had rolls behind its neck, cold stress lesions, and was breathing often and shallow. The manatee was also pacing back and forth between 2 boats and not submerging. ARH called FWC rescue coordinator-Andy Garrett to inform him of the situation. ARH then called Dispatch to request FWC LE assistance, which arrived at 1200 hrs. ARH mobilized a rescue team which arrived on site at 1230 hrs. The manatee was captured using a hoop net by 1245 hrs and loaded into the transport truck by 1300 hrs. The manatee arrived at Miami Seaquarium at 1510 hrs.

**PARTICIPANTS**

FWC SE: Amber Howell, Marshalluna Land

FWC Interns: Christopher Carroll, Sarah Mullin

FWC LE: Michael Carroll, Thomas Koch

**Edited by:**

DJS  
AJG

(Rev. 03/18/2013)



# Verified Response Location of Manatee Rescue RSE1603

Rescue Date: 3/3/2016

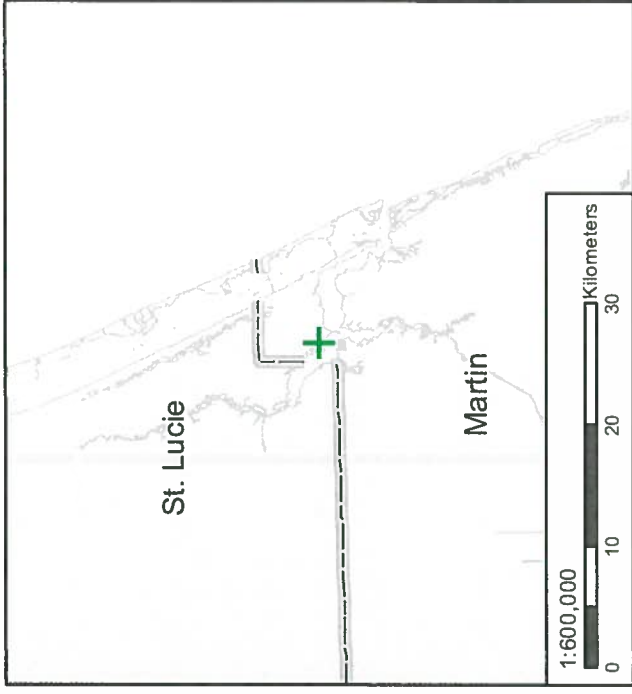
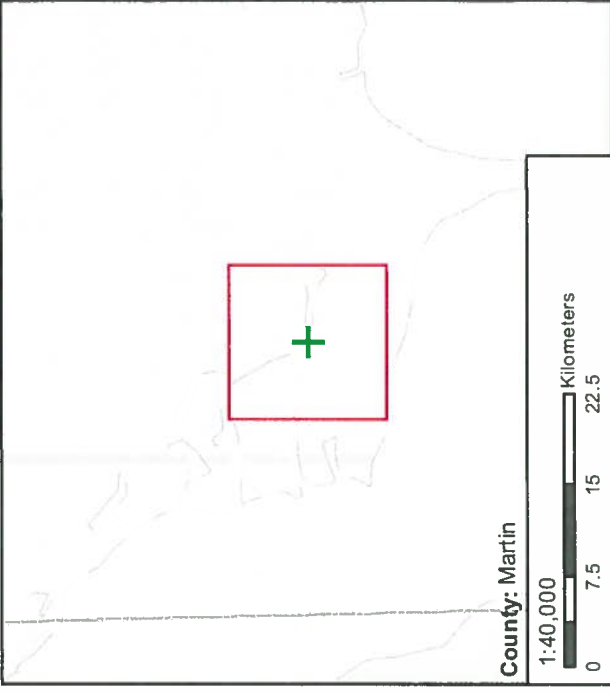
Facility ID: MSTm1601

Map Created 9/21/2016



## Locality Description:

45 m behind 744 NW Spruce Ridge Drive



Latitude: 27.21845°N

Longitude: -80.2701°W

Resc  
Calf by itself  
(Cold Stress)

**From:** Howell, Amber  
**Sent:** Thursday, March 03, 2016 2:21 PM  
**To:** Szemer, Donna <Donna.Szemer@MyFWC.com>  
**Cc:** Land, Marshalluna <Marshalluna.Land@MyFWC.com>; Allen, Aarin <Aarin.Allen@MyFWC.com>  
**Subject:** RE: Rescue Update

Hi Donna,

We just completed RSE1603. I will get weight and PIT tag info to you once I get it from MSQ (I'm guessing No for PIT tag but since we didn't perform it I left it blank). Also reason of rescue will be Orphan, but with cold stress as a close 2<sup>nd</sup>.

### GENERAL

Date of Rescue: 03 March 2016	Date of Initial Call: 02 March 2016	Filed by: A. Howell		
Rescue ID: RSE1603	Facility ID: MSTm1601	Other ID:		
FWC Case Number: 1982	FWC Region: SO-A Palm Beach			
Sex: Male	Length: 175 cm	Estimated: No	Weight: kg	Estimated:
PIT Tag Present:	PIT Tag Applied:	R:	L:	
State: FL	County: Martin	City: Stuart	Waterway: St Lucie River	
Latitude (Decimal Degrees): 27.218456° N		Longitude (Decimal Degrees): -80.270100° W		
Locality Description: 45 meters behind 744 NW Spruce Ridge Drive, Stuart FL				
Method of Capture: Hoop Net				

Resc

Call by itself

**Szemer, Donna**

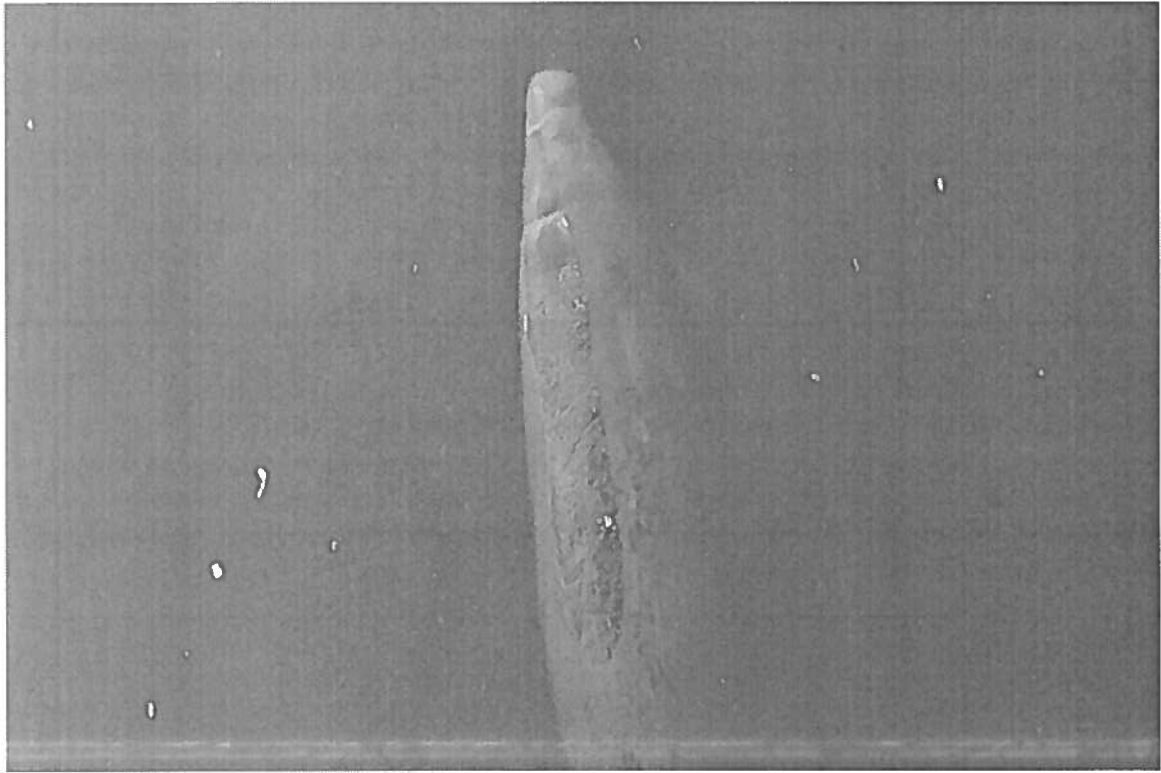
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**From:** Garrett, Andy  
**Sent:** Thursday, March 03, 2016 1:32 PM  
**To:** Adrienne Atkins; Perna, Allison; Amy Teague; Anne Harvey; Arielle Taylor-Manges; Barlas, Margie; Bassett, Brandon; Bill Hughes; Boyd, Denise; Buddy Powell; Knox, Carol; Parrish, Carollyn; Cathy Beck; Ruben, Cheyanne; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; McCloy, Frank; Frisch, Katherine; Georgia Zern; Gordon, Nadia; Gretchen Lovewell; Honaker, Allison; Howell, Amber; Johnson, Jennifer; Jim Reid; Jim Valade; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Lauren Smith; Leeann Rottman; Lonati, Gina; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Maya; Melody Fischer; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Nicole Adimey; Panike, Anna; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Rigney, Kane; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Salberg, Leonard; Segelson, Carli; Spellman, Ann; Steve Lehr; Susan Butler; Szemer, Donna; Virginia Edmonds; Ward, Leslie; Young, Roger  
**Subject:** Manatee Rescue Alert  
**Attachments:** IMG\_0705.JPG

RSE1603  
MSTM16

**Stuart:**

The FWC-SEFL received a report of an underweight, lone 5 ft manatee in the St. Lucie River (photo attached). A rescue team responded and captured the 175 cm male manatee and transported it to Miami Seaquarium.



MSTM1601  
RSE1603



**From:** Magdalena Rodriguez [mailto:mayadvn@msn.com]

**Sent:** Friday, March 04, 2016 3:39 PM

**To:** Garrett, Andy <Andy.Garrett@MyFWC.com>; Adrienne Atkins <atkinsa@jacksonvillezoo.org>; Perna, Allison <Allison.Perna@MyFWC.com>; Amy Teague <amy\_teague@usgs.gov>; Anne Harvey <aharvey@savethemanatee.org>; Arielle Taylor-Manges <arielle.taylormanges@dep.state.fl.us>; Barlas, Margie <Margie.Barlas@MyFWC.com>; Bassett, Brandon <Brandon.Bassett@MyFWC.com>; Bill Hughes <bill.hughes@seaworld.com>; Boyd, Denise <Denise.Boyd@MyFWC.com>; Buddy Powell <jpowell@sea2shore.org>; Knox, Carol <carol.knox@MyFWC.com>; Parrish, Carollyn <Carollyn.parrish@MyFWC.com>; Cathy Beck <cathy\_beck@usgs.gov>; Ruben, Cheyanne <Cheyanne.Ruben@MyFWC.com>; Cora Berchem <cberchem@savethemanatee.org>; Craig Miller <millerc@jaxzoo.org>; Craig Pelton <kogiavet@hotmail.com>; Dave Murphy <dmurphydvm@gmail.com>; deWit, Martine <Martine.deWit@MyFWC.com>; McCloy, Frank <Frank.McCloy@MyFWC.com>; Frisch, Katherine <Katherine.Frisch@MyFWC.com>; Georgia Zern <gzern@co.volusia.fl.us>; Gordon, Nadia <Nadia.Gordon@MyFWC.com>; Gretchen Lovewell <glovewell@mote.org>; Honaker, Allison <Allison.Honaker@MyFWC.com>; Howell, Amber <Amber.Howell@MyFWC.com>; Johnson, Jennifer <Jennifer.Johnson@MyFWC.com>; Jim Reid <jim\_reid@usgs.gov>; Jim Valade <jim\_valade@fws.gov>; Katie Tripp <ktripp@savethemanatee.org>; Kelsey Jennings <kjennings@savethemanatee.org>; Kimberlee Tennile <kimberlee.tennille@dep.state.fl.us>; Laura Eldridge <laura.eldredge@gmail.com>; Lauren Smith <lauren.smith@lowryparkzoo.org>; Leeann Rottman <leeann.rottman@lowryparkzoo.com>; Lonati, Gina <Gina.Lonati@MyFWC.com>; Lowry Park Zoo Florida Mammals <florida.mammals@lowryparkzoo.com>; Martin, Baryl <baryl.martin@MyFWC.com>; Martz, Meg <Meg.Martz@MyFWC.com>; Melody Fischer <mfischer@sea2shore.org>; Melynda Brown <melynda.a.brown@dep.state.fl.us>; Merrill, Maria <Maria.Merrill@MyFWC.com>; Mezich, Ron <ron.mezich@MyFWC.com>; Michael Boos <michael.boos@seaworld.com>; Mike Walsh <walshm@ufl.edu>; Monica Ross <mrossbtl@aol.com>; Morse, Gary <gary.morse@MyFWC.com>; Mosier, Andrea <Andrea.Mosier@MyFWC.com>; Nicole Adimey <nicole\_adimey@fws.gov>; Panike, Anna <Anna.Panike@MyFWC.com>; Pat Rose <prose@savethemanatee.org>; Pernell, Jessica <Jessica.Pernell@MyFWC.com>; Randy Runnells <randy.runnells@seaworld.com>; Ray Ball <ray.ball@lowryparkzoo.com>; Rebecca Hazelkorn <rhazelkorn@mote.org>; Reinert, Tom <Tom.Reinert@MyFWC.com>; Richmond, Kelly <Kelly.Richmond@MyFWC.com>; Rigney, Kane <Kane.Rigney@MyFWC.com>; Robert Bonde <robert\_bonde@usgs.gov>; Robert Rose <robert.rose@palaceentertainment.com>; Robert Wagoner <robert.wagoner@seaworld.com>; Rood, Kari <Kari.Rood@MyFWC.com>; Ruth Francis-Floyd <rffloyd@ufl.edu>; Salberg, Leonard <leonard.salberg@MyFWC.com>; Segelson, Carli <Carli.Segelson@MyFWC.com>; Spellman, Ann <Ann.Spellman@MyFWC.com>; Steve Lehr <steven.lehr@seaworld.com>; Susan Butler <sbutler@usgs.gov>; Szemer, Donna <Donna.Szemer@MyFWC.com>; Virginia Edmonds <virginia.edmonds@lowryparkzoo.com>; Ward, Leslie <Leslie.Ward@MyFWC.com>; Young, Roger <roger.young@MyFWC.com>

**Subject:** RE: Manatee Rescue Alert

This little 175 cm guy from Stuart had a high White Count, dehydrated, and had not nursed in over a week as he is only passing firm dark partially digested vegetation balls.

But he is nibbling on lettuce and bananas today.

Maya

**Florida Fish and Wildlife Conservation Commission**

(727) 896-8626

**West Indian Manatee (*Trichechus manatus*)**

Manatee ID: MSTm1601 Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Name: Jedi Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: Capture Rescue Pre-release Assess. X Release Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>650#</u> (lb or kg) <u>1-17-2018</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	<u>252</u>	cm
	Total Length (straight)	<u>236</u>	cm
	Snout to Peduncle	<u>180</u>	cm
	Snout to Anus	<u>160</u>	cm
	Snout to Umbilicus	<u>85</u>	cm
<b>Girths</b>	Girth at Peduncle: <u>106</u> cm actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: <u>138</u> cm actual		
	Girth at Umbilicus: <u>175</u> cm actual		
	Girth at Axilla: <u>155</u> cm actual		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u> Side between anus & peduncle: <u>Rounded</u> Ventrums: <u>Rounded</u> Fresh Wounds or Lesions: <u>No</u> Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? <u>No</u>

<b>SAMPLES</b>	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>N/A</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube Taken</u>

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: MSTm1601

Manatee Name: Jedi

Date: 1-17-2018

<b>FREEZE BRAND</b>	Letters/Numbers applied: "J5"	Applied by: Dr. Maya Rodriguez 12-20-2017		
	Location:	Upper back, lower back		
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture? No	
	PIT tagged by:	Dr. Maya Rodriguez 12-20-2017		
	Right #	00-0786-914D		
	Left #	00-0788-5A1C		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER Strength / Length</b>	Strength:	Length: ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Yes		
	Exposures:	Front, Rear, Left Side, Right Side, Paddle		
<b>SKETCHES</b>	Sketched by:			

Comments

ARH also took photos 17 Jan 2018  
 exposures: FWC030-2018-01-17-7180 through 7195

# Rescue Report

RSE1607

Resc / Rel  
3/18/16 11/16/16  
Watercraft

## GENERAL

Date of Rescue: 18 March 2016	Date of Initial Call: 18 March 2016	Filed by: M. Land		
Rescue ID: RSE1607	Facility ID: MSTm1602	Other ID: Leia		
FWC Case Number: 2603	FWC Region: SO-A			
Sex: Female	Length: 189 cm	Estimated: No	Weight: 70 kg	Estimated: Yes
PIT Tag Present: Unknown	PIT Tag Applied:	R:	L:	
State: FL	County: St. Lucie	City: Ft. Pierce	Waterway: Fort Pierce Inlet	
Latitude (Decimal Degrees): 27.45624° N		Longitude (Decimal Degrees): -80.31641° W		
Locality Description: approximately 775 m E of Fisherman's Wharf Public Boat Ramp				
Method of Capture: Hoop net				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
---	--	--------------------------------

Describe: Animal was listing with its right side down and had chronic watercraft wounds.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## HISTORY

Date	Narrative
18 March 2016	At 1310 hrs, FWC Intern-Sarah Mullin (SMM) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee in the Fort Pierce Inlet, Saint Lucie County. FWC case number 2603 was assigned.

The complainant, Ben Metzger (602-463-4345), described a manatee that was listing and struggling to breathe. FWC LE-John Fretwell arrived on site and sent video to FWC Biologist-Amber Howell (ARH) at 1330 hours, which verified that the manatee was compromised. Amber sent video and advised Sarah what to do next since all biologists were out of the office. FWC Biologist-Marshalluna Land arrived on site with FWC interns and Harbor Branch staff and volunteer at 1515 hrs. The manatee was captured via hoop net from the officer's vessel and loaded into the transport truck by 1630 hrs. The manatee was transported to Miami Seaquarium, arriving by 1915 hrs.

**PARTICIPANTS**

FWC SE: Marshalluna Land

FWC Interns: Sarah Mullin and Christopher Carroll

FWC LE: Officer John Fretwell and Miles Weimar

HBOI: Adam Schaefer and Wendy Marks

HBOI Volunteer: Brittany Baldrice

**Edited by:**

DJS  
AJG

(Rev: 03/18/2013)



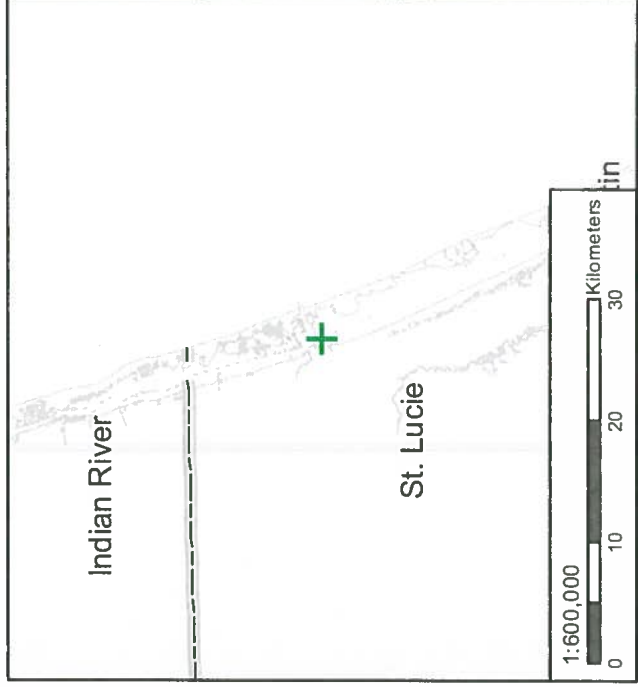
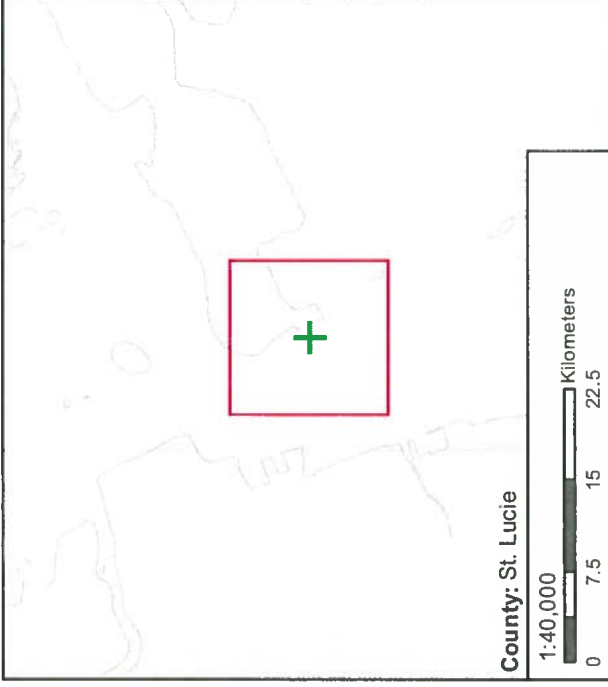


# Verified Response Location of Manatee Rescue RSE1607

Rescue Date: 3/18/2016

Facility ID: MSTm1602

Map Created 9/21/2016



**Locality Description:**  
approximately 775 m E of Fisherman's Wharf Public Boat Ramp

Latitude: 27.45624°N

Longitude: -80.31641°W

**Szemer, Donna**

**From:** Garrett, Andy  
**Sent:** Monday, March 21, 2016 8:30 AM  
**To:** Adrienne Atkins; Perna, Allison; Amy Teague; Anne Harvey; Arielle Taylor-Manges; Barlas, Margie; Bassett, Brandon; Bill Hughes; Boyd, Denise; Buddy Powell; Knox, Carol; Parrish, Carolyn; Cathy Beck; Ruben, Cheyanne; Cora Berchem; Craig Miller; Craig Pelton; Dave Murphy; deWit, Martine; McCloy, Frank; Frisch, Katherine; Georgia Zern; Gordon, Nadia; Gretchen Lovewell; Honaker, Allison; Howell, Amber; Johnson, Jennifer; Jim Reid; Jim Valade; Katie Tripp; Kelsey Jennings; Kimberlee Tennile; Laura Eldridge; Lauren Smith; Leeann Rottman; Lonati, Gina; Lowry Park Zoo Florida Mammals; Martin, Baryl; Martz, Meg; Maya; Melody Fischer; Melynda Brown; Merrill, Maria; Mezich, Ron; Michael Boos; Mike Walsh; Monica Ross; Morse, Gary; Mosier, Andrea; Panike, Anna; Pat Rose; Pernell, Jessica; Randy Runnells; Ray Ball; Rebecca Hazelkorn; Reinert, Tom; Richmond, Kelly; Rigney, Kane; Robert Bonde; Robert Rose; Robert Wagoner; Rood, Kari; Ruth Francis-Floyd; Salberg, Leonard; Segelson, Carli; Spellman, Ann; Steve Lehr; Susan Butler; Szemer, Donna; Virginia Edmonds; Ward, Leslie; Young, Roger  
**Subject:** rescue alert and update  
**Attachments:** IMG\_0767.jpg; IMG\_0726.jpg; IMG956984.jpg

**Fort Pierce:** RSE1607 MSTM1602

On Friday a rescue team responded to a report of a small buoyant manatee with watercraft wounds in Fort Pierce (photo IMG 0767). The 189 cm male manatee was hoop netted and transported to Miami Seaquarium.

**Chassahowitzka River:** RNDW1611 LP2103319

On Saturday, the FWC-MMP received a witnessed boat strike report from the Chassahowitzka River. The witness described observing two boats on a full plane coming down the River. The first boat struck the manatee, then when it surfaced to breathe it rolled and was struck by the second boat. The witness stayed with the manatee and provided support (held it) in shallow water until a rescue team arrived. The manatee was transported to Lowry Park Zoo (IMG 0726). The wounds observed on the manatee confirmed the witness' observations.

**Port of the Islands:**

On Friday, the FWC-SWFL received a report of a large buoyant manatee with watercraft wounds in Port of the Islands (IMG956984). The manatee's condition was confirmed by FWC. The manatee has been observed accompanied by a large dependent calf. A rescue team will attempt to capture both manatees today and transport them to Lowry Park Zoo.



RSE1607  
MSTM1602

**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: MSTm1602 Date: 11-4-2016 Time Captured(Onboard): \_\_\_\_\_  
 Name: Leia (RSE1607) Sex: Female Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: \_\_\_\_\_ Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: ☐ Capture ☐ Rescue ☒ Pre-release Assess. ☐ Release ☐ Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>405#</u> (lb or kg) 11-16-2016	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	220 cm	
	Total Length (straight)	207 cm	
	Snout to Peduncle	148 cm	
	Snout to Anus	126 cm	
	Snout to Umbilicus	87 cm	
<b>Girths</b>	Girth at Peduncle: 82 cm actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: 134 cm actual		
	Girth at Umbilicus: 156 cm actual		
	Girth at Axilla: <u>121</u> cm actual	<u>(11-16-16)</u>	

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: 1 / 2	1	/	/	/
Other: _____	2	/	/	/
	3	/	/	/

<b>CONDITION</b>	Body Score: 1 2 <u>3</u> 4 5 Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? No Ribs visible? No
	Side between anus & peduncle: Rounded
	Ventrum: Rounded
	Fresh Wounds or Lesions: No
	Person(s) assessing condition: Dr. Maya Rodriguez

<b>REPROD. STATUS</b>	Pregnant? No
	Lactating? No

<b>SAMPLES</b>	Milk sample collected? stored? No
	Volume of milk collected? / Teat? N/A
	Person collecting milk? N/A
	Urine? stored? No
	Fecal? stored? No
	Skin? stored? No
	Cookie? Genetic Tube Taken

<b>MONITORING</b>	Heartrate: Stethoscope
	Temperature: Nasal
	Respiratory Rate? Yes



Manatee ID: MSTm1602

Manatee Name: Leia

Date: 11-4-2016

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods processed	1			L / R
	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture?	Yes
	PIT tagged by:	Dr. Maya Rodriguez		
	Right #	00-072A-E009		
	Left #	(2nd):00-06F1-2420		
<b>FLAG</b>	Color and Symbol	L:(00-072A-CE6B)-Not Reading		
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Length: _____ " Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Front, Rear, Left, Right, Paddle, Scars (11-9-2016)		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

**Comments**

- PIT tagged left side with 00-072A-CE6B - initially working, but at time of transport would not read.
- 2nd PIT tag inserted (00-06F1-2420)



Resc / Rel  
3/23/16 11/16/16

## Rescue Report

RSE1608

*Watercraft*

### GENERAL

Date of Rescue: 23 March 2016	Date of Initial Call: 23 March 2016	Filed by: M. Land
Rescue ID: RSE1608	Facility ID: MSTm1603	Other ID: Reya
FWC Case Number: 2675	FWC Region: SO-A	
Sex: Female	Length: 200 cm	Estimated: No
	Weight: 80 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied:	R: L:
State: FL	County: Martin	City: Stuart
		Waterway: Manatee Pocket
Latitude (Decimal Degrees): 27.16492° N		Longitude (Decimal Degrees): -80.20372° W
Locality Description: Approximately 6 m directly behind the address at 3244 SE Fairway E		
Method of Capture: Hoop Net		

### REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input checked="" type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
--	--	--------------------------------

Describe: Manatee was floating in a "c-shape" orientation with little to no use of fluke. There was a series of twelve chronic propeller wounds and one large chronic linear skeg wound perpendicular to the others.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

**HISTORY**

<b>Date</b>	<b>Narrative</b>
<b>23 March 2016</b>	At 1414 hrs, FWC Biologist-Marshalluna Land (MEL) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee in Stuart, Martin County. FWC case number 2675 was assigned. The complainant, Nancy Halliwell (772-781-7426), explained that the calf was alone, lethargic, and had several pink, open wounds. MEL requested photos and contacted FWC Dispatch to request an officer for verification and possible rescue. At 1449 hrs, MEL received photos of the animal from the complainant. FWC Biologist-Amber Howell and MEL agreed the animal needed to be rescued. FWC LE arrived on site and located the animal at 1515 hrs. The rescue team arrived on site at 1550 hrs. By 1615 hrs, the manatee was captured with a hoop net and brought onto the LE vessel. The manatee was transported to Miami Seaquarium, arriving at 1910 hrs.

**PARTICIPANTS**

FWC SE: Amber Howell, Marshalluna Land

FWC Interns: Carroll Christopher and Sarah Mullin

FWC LE: Michael Carroll and Thomas Koch

**Edited by:**

DJS  
AJG

(Rev. 03/18/2013)

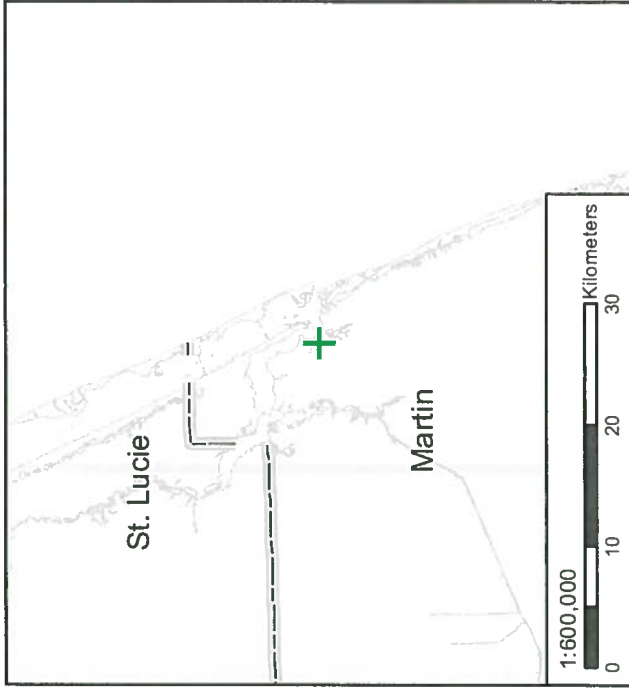
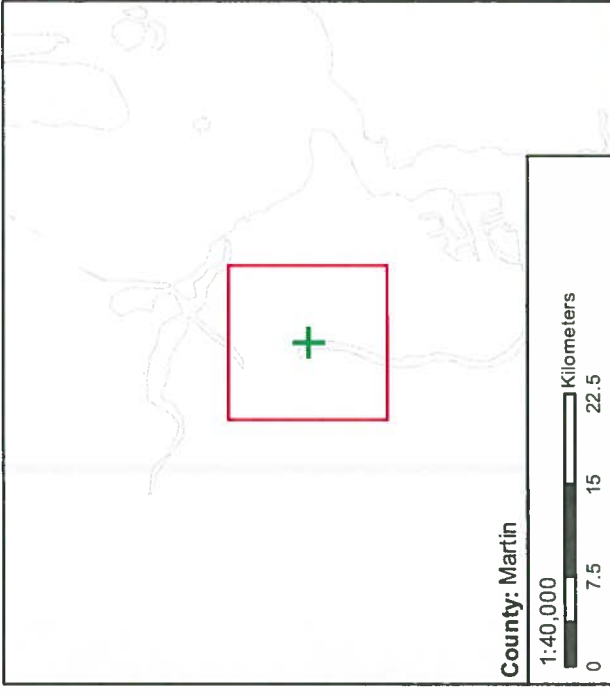


# Verified Response Location of Manatee Rescue RSE1608

Rescue Date: 3/23/2016

Facility ID: MSTm1603

Map Created 9/21/2016



## Locality Description:

approximately 6 m directly behind the address at 3244 SE Fairway E

Latitude: 27.16492°N

Longitude: -80.20372°W

**From:** Garrett, Andy  
**Sent:** Wednesday, March 23, 2016 4:30 PM  
**To:** (Group)  
**Subject:** RE: rescue alert

RSE1608 / MSTM1603

The 190 cm manatee was hoop netted by FWC staff and is in transport to MSQ.

The manatee was described as lethargic and mostly unresponsive to the capture. New photo attached.

-Andy

**From:** Garrett, Andy  
**Sent:** Wednesday, March 23, 2016 3:34 PM  
**To:** (Group)  
**Subject:** rescue alert

200cm

**Stuart:**

The FWC-SEFL received a report of a small manatee in shallow water not moving much with an extensive watercraft wound series across its back (see attached photo).

A team is responding and if appropriate, will attempt a capture and transport to Miami Seaquarium.

-Andy





RSE1608

MSTM1603



**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: MSTM1603 Date: 10-24-2016 Time Captured(Onboard): \_\_\_\_\_  
 Name: Reya (RSE1608) Sex: Female Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: \_\_\_\_\_ Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: ☐ Capture ☐ Rescue ☒ Pre-release Assess. ☐ Release ☐ Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: ☐ S ☐ PC ☐ MC ☐ O ☐ R

<b>MORPHOMETRICS</b>	Weight: <u>545</u> # (lb or kg) <u>11-16-2016</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	235 cm (10-24-2016)	
	Total Length (straight)	222 cm (10-24-2016)	
	Snout to Peduncle	170 cm (11-2-2016)	
	Snout to Anus	150 cm (11-2-2016)	
	Snout to Umbilicus	97 cm (11-2-2016)	
<b>Girths</b>	Peduncle Girth: 93cm (10-24-16)	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: 105cm (11-2-16)		
	Umbilicus Girth: 177cm (11-2-16)		
	Girth at Axilla: 135cm (11-2-16)		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u>
	Side between anus & peduncle: <u>Rounded</u>
	Ventrum: <u>Rounded</u>
	Fresh Wounds or Lesions: <u>No</u>
	Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? <u>No</u>

<b>SAMPLES</b>	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>N/A</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube taken</u>

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: MSTm1603

Manatee Name: Reya

Date: 10-24-2016

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods processed	1			L / R
	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture?	No
	PIT tagged by:	Dr. Maya Rodriguez 9-6-2016		
	Right #	00-072A-BDD0		
	Left #	00-072A-BDC2		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length:	ft.
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Front, Left, Right, Paddle, Scars (10-24-2016)		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

Comments

## Rescue Report

Resc/Rel  
9/23/16 12/13/16  
RSE1615

### GENERAL

Calf of Rescue  
Mother

Date of Rescue: 23 September 2016 Date of Initial Call: 22 September 2016 Filed by: A. Howell  
Rescue ID: RSE1615 Facility ID: MSTm1610 Other ID: Ackbar  
FWC Case Number: 9307, 9322 FWC Region: SO-A  
Sex: Male Length: 197 cm Estimated: No Weight: 115 kg Estimated: Yes  
PIT Tag Present: No PIT Tag Applied: R: L:  
State: FL County: Palm Beach City: Jupiter Waterway: Lake Worth Creek  
Latitude (Decimal Degrees): 26.90098° N Longitude (Decimal Degrees): -80.09273° W  
Locality Description: Admiral's Cove, 190 m SW of 124 Clipper Lane  
Method of Capture: Hoop Net

### REASON FOR RESCUE

Check one of the following:

- ☐ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☐ Orphan ☒ Other: (Specify): Dependent calf of injured mom

#### All Other

Describe: Dependent calf of injured mom (RSE1616/MSTM1609)

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

### HISTORY

Date	Narrative
22 September 2016	At 1541 hrs, FWC biologist Marshalluna Land (MEL) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a sick or dead manatee behind 2955 Calais Dr, Palm Beach Gardens, Palm Beach County. FWC case number 9307 was assigned. The complainant, Vincent (561-622-7800), stated the manatee had been behind the residence for over 6 hours, hadn't moved, and had a 5 foot calf nudging her. MEL requested photos but Vincent informed her he

had left the area and would take a little while to get back. MEL then requested FWC-LE respond to verify but was told no officers were available. FWC biologist Amber Howell (ARH) called Palm Beach County Sheriff's Office (PBSO) to request assistance. Photos were received from the complainant at 1620 hrs, who verified that the manatee was still alive, unable to submerge, and barrel rolling for several minutes straight. PBSO-Sean Myers arrived at 1704 hrs by vessel and confirmed that the mom (RSE1615) was non-reactive to the vessel, barrel rolling, and attempted to submerge but could not. Photos were received from Deputy Myers at 1724 hrs. ARH sent photos to USGS Cathy Beck to see if this was a known animal with similar documented behavior. C. Beck confirmed the animal as RB730 but no known behavior similar to this. ARH contacted FWC manatee rescue coordinator Andy Garrett (AJG) to discuss plans to assess and capture the next day. ARH also coordinated transport truck assistance from Miami Seaquarium (MSQ) since the FWC SE truck was being repaired.

**23 September**

At 1042 hrs, FWC biologist Aarin Allen (ACA) received a text alert regarding the same manatees. FWC case number 9322 was assigned. The complainant, Christopher (561-222-6907), stated the mom could not submerge and was tucked under a dock with her 5 foot calf behind 127 Commodore Dr., Jupiter. ARH requested ACA assess the behavior. ACA and MEL arrived at 1130 hrs and confirmed the manatee was still barrel rolling and was caudal end buoyant. ARH notified MSQ to confirm their transport truck was still available. MSQ agreed to assist, but could not leave MSQ until 1215 hrs. ARH contacted Harbor Branch (HBOI) – Steve Burton to request assistance with crew, and HBOI agreed to send volunteers. ARH requested FWC-LE assistance with a vessel for assistance with the calf. The rescue team met at the Jupiter FWC-LE office at 1430 hrs and met FWC officers Ben Hankinson and Ben Norbrothen near the manatees at 1500 hrs. The calf and mom were hanging out underneath a dock, so a hoop net team unloaded onto the shoreline and successfully hoop netted the calf from a dock at 1510 hrs. The calf was loaded onto the manatee rescue boat at 1515 hrs, and transferred to the FWC-LE vessel at 1525 hrs. Two HBOI volunteers stayed with the Officers to monitor the calf while the rescue team captured the injured mom. Both manatees were loaded into the MSQ transport truck by 1640 hrs and arrived to MSQ by 1900 hrs.

**PARTICIPANTS**

FWC SE: Amber Howell, Marshalluna Land  
Miami Seaquarium: Jessica Schiffhauer

**Edited by:**

DJS  
AJG

(Rev. 03/18/2013)



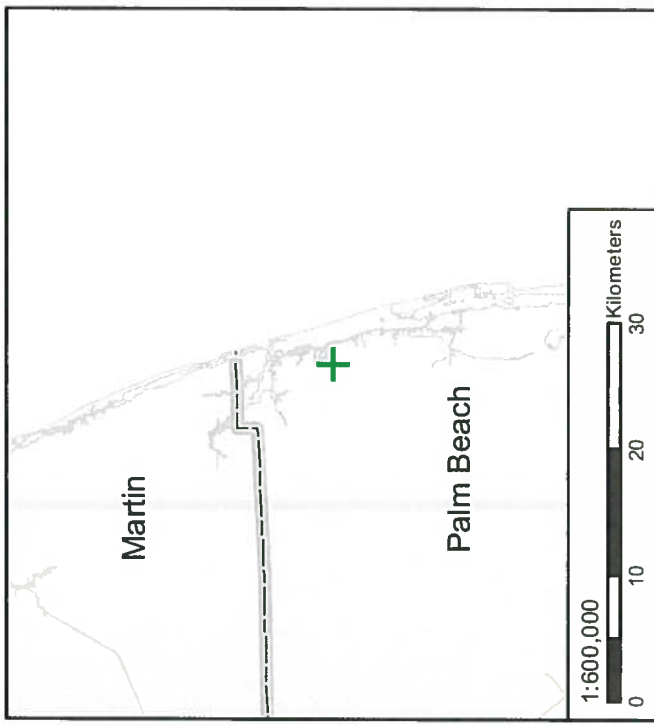
# Verified Response Location of Manatee Rescue RSE1615



Rescue Date: 9/23/2016

Facility ID: MSTm1610

Map Created 2/9/2017



## Locality Description:

Admiral's Cove, 190 m SW of 124 Clipper Lane

Latitude: 26.90098°N

Longitude: -80.09273°W



Resc/Rel  
12/13/16

**Szemer, Donna**

**From:** Howell, Amber  
**Sent:** Wednesday, September 28, 2016 12:46 PM  
**To:** Szemer, Donna; Garrett, Andy  
**Subject:** RE: Mom rescue

**AND CALF INFORMATION: SAME THINGS I'M WAITING ON:**

**GENERAL**

Date of Rescue: 23 September 2016	Date of Initial Call: 22 September 2016	Filed by: A. Howell
Rescue ID: RSE1615	Facility ID: MSTM1610	Other ID: Ackbar
FWC Case Number: 9307, 9322	FWC Region: SO-A	
Sex: Male	Length: 197 cm	Estimated: No
	Weight: 115 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied:	R:
		L:
State: FL	County: Palm Beach	City: Jupiter
		Waterway: Lake Worth Creek
		Admiral's Cove
Latitude (Decimal Degrees): 26.900989° N	Longitude (Decimal Degrees): -80.092733° W	
Locality Description: 190 m SW of 124 Clipper Lane		
Method of Capture: Hoop Net		

cor: Calf of Rescued Mother

**From:** Szemer, Donna  
**Sent:** Wednesday, September 28, 2016 12:26 PM  
**To:** Garrett, Andy <Andy.Garrett@MyFWC.com>; Howell, Amber <Amber.Howell@MyFWC.com>  
**Subject:** RE: Mom rescue

Hey, Amber-

I don't need the whole report right now, but can you copy and paste the "General" section in an email so I can hold a place in the database?

Thanks!  
Donna

**From:** Garrett, Andy  
**Sent:** Monday, September 26, 2016 10:56 AM  
**To:** Howell, Amber <Amber.Howell@MyFWC.com>  
**Cc:** Szemer, Donna <Donna.Szemer@MyFWC.com>  
**Subject:** RE: Mom rescue

Ok, thanks.

**From:** Howell, Amber  
**Sent:** Monday, September 26, 2016 10:14 AM

Resc

**From:** Garrett, Andy  
**Sent:** Monday, September 26, 2016 10:53 AM  
**To:** (Group)  
**Subject:** Rescue Update

(Calf) - RSE1615 / MSTM16  
(Mom) - RSE1616 / MSTM16

**Jupiter:**

On Friday afternoon, a FWC-Miami Seaquarium (MSQ) rescue team was able to capture the injured mom with her dependent calf in Jupiter. Both were transported to MSQ (see attached IMG\_1744).

↳ GI issues      ↳ Calf of Resc. Mom.

**Coco Beach:**

On Friday, the FWC attempted a land set on the excessively buoyant manatee in Coco Beach. Unfortunately, the manatee evaded capture yet again. The manatee was reported again yesterday afternoon, but reported too late in the day to assemble a rescue crew.

**Crystal River:**

On Saturday, the USFWS Crystal River National Wildlife Refuge responded to a report of a 6-7 ft excessively buoyant manatee with a linear resolving watercraft wound (see attached IMG -8905). An attempt was made to capture the manatee with the USFWS capture boat, but the manatee was able to evade capture. The manatee was not reported yesterday.

**Putnam County (near the Rodman Dam):**

On Thursday, the FWC-NEFL received a report of a manatee in Putnam County near the Rodman Dam that gained access to a creek/canal when a pile of logs were removed from a culvert. I have attached a GoogleEarth map of the manatee's location and a photo of the manatee. NEFL staff responded and observed the manatee struggling to leave the system. The manatee tried several times to swim against the current flowing out of the culvert. The staff on scene did not think the manatee would be able to leave the system unless the water flow weakened. By the end of the day on Friday, the manatee was observed further downstream and had passed through another culvert. The FWC decided to give the manatee the weekend in the hope that the flow may decrease enough for the manatee to leave.

The manatee was observed again this morning in the system, so a capture team is responding to capture and relocate the manatee. FWC management has been made aware of the culvert and will work with the appropriate parties to grate the culvert.

**From:** Garrett, Andy  
**Sent:** Friday, September 23, 2016 12:25 PM  
**To:** (Group)  
**Subject:** rescue alert

**Coco Beach:**

The excessively buoyant manatee that evaded capture on Tuesday has been relocated. A rescue team from FWC and Sea World is responding.

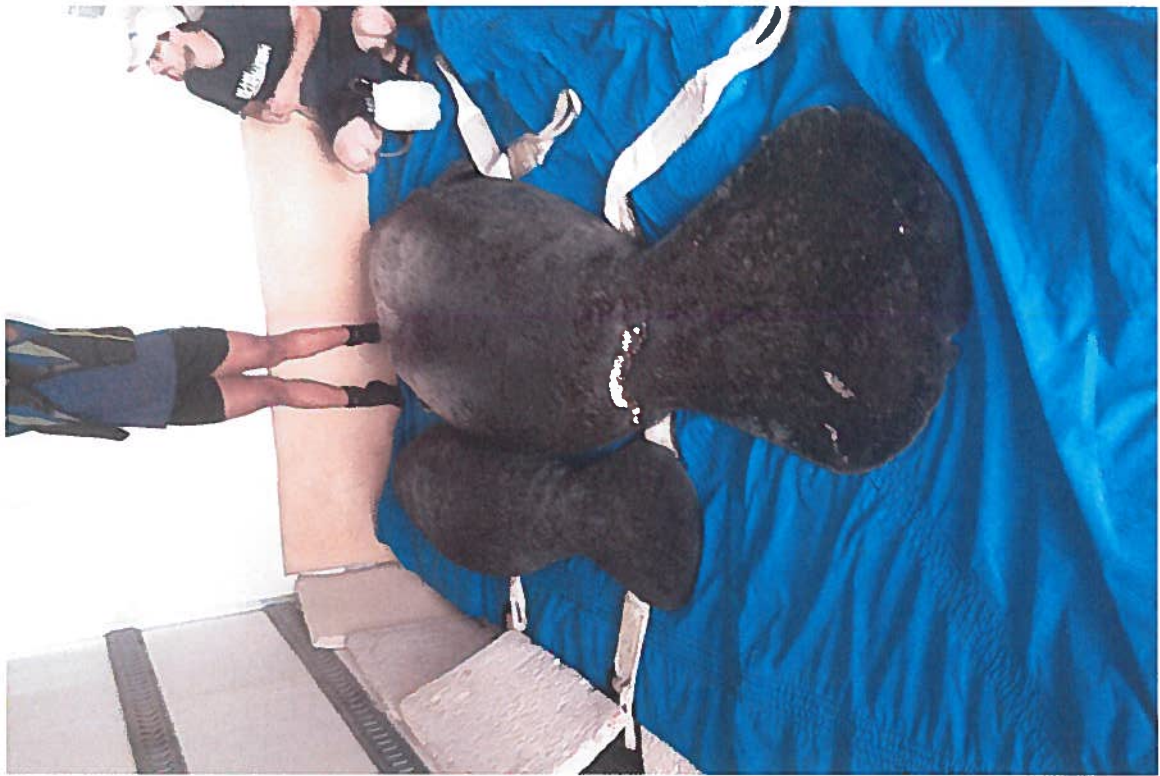
**Jupiter:**

Last night, the FWC-SEFL received a report, that was verified by a FWC LE officer, of an excessively buoyant barrel rolling adult manatee (see attached photo). The manatee has been identified as RB730 and has been verified with a 5 ft calf. The manatee was been relocated and a FWC and Miami Seaquarium rescue team is responding.

**Cape Cod:**

Just a quick update, the female manatee captured yesterday is doing well at Mystic Aquarium. 4 kilograms of lettuce was consumed last night and more is being consumed this morning.

Plans are being discussed to transport the manatee back to Florida.



RSE1615/MSTM16 - Calf  
RSE1616/MSTM16 - Mom

## Szemer, Donna

---

**From:** Howell, Amber  
**Sent:** Tuesday, December 13, 2016 3:00 PM  
**To:** Szemer, Donna  
**Subject:** Releases  
**Attachments:** MSTm1610 HA form.pdf; MSTm1609 HA form.pdf

Today we released 2 manatees, a mom and calf pair. Mom "Admiral/MSTm1609" and Calf "Ackbar/MSTm1610"

Attached are the HA forms from MSQ. The release site was Anchorage Park (603 Anchorage Dr. North Palm Beach, FL) Palm Beach County. Waterway is North Palm Beach Waterway.

Amber Howell  
Research Associate – Marine Mammals  
Florida Fish and Wildlife Conservation Commission  
Marine Mammal Section  
19100 SE Federal Highway, Tequesta, FL 33469  
561-398-5914

Wildlife Alert Hotline: 1-888-404-3922



**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: MSTm1610 Date: 12-2-2016 Time Captured(Onboard): \_\_\_\_\_  
 Name: Ackbar Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: Mom MSTm1609 Admiral Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: ☐ Capture ☐ Rescue ☒ Pre-release Assess. ☐ Release ☐ Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: ☐ S ☐ PC ☐ MC ☐ O ☐ R

<b>MORPHOMETRICS</b>	Weight: <u>365 #</u> (lb or kg) <u>12-13-2016</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	213 cm	
	Total Length (straight)	197 cm	
	Snout to Peduncle	150 cm	
	Snout to Anus	127 cm	
	Snout to Umbilicus	71 cm	
<b>Girths</b>	Girth at Peduncle: <u>75cm actual</u>	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: <u>95cm actual</u>		
	Girth at Umbilicus: <u>146cm actual</u>		
	Girth at Axilla: <u>119cm actual</u>		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	/	/	/
Other:	<u>2</u>	/	/	/
	<u>3</u>	/	/	/

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u>
	Side between anus & peduncle: <u>Rounded</u>
	Ventrum: <u>Rounded</u>
	Fresh Wounds or Lesions: <u>No</u>
	Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? <u>No</u>

<b>SAMPLES</b>	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>No</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube Collected</u>

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: MSTm1610

Manatee Name: Ackbar

Date: 12-2-2016

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release blood	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture?	No
	PIT tagged by:	Dr. Maya Rodriguez 10-12-2016		
	Right #	00 - 072 A - B972		
	Left #	00 - 06F2 - 8B07		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	<b>BELT</b> Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Yes		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

Comments

## Rescue Report

RSE1616

Resc/Ref  
9/23/16 12/13/16  
Natural  
Buoyancy  
(GI issues)

### GENERAL

Date of Rescue: 23 September 2016 Date of Initial Call: 22 September 2016 Filed by: A. Howell  
Rescue ID: RSE1616 Facility ID: MSTm1609 Other ID: RB730, Admiral  
FWC Case Number: 9307, 9322 FWC Region: SO-A  
Sex: Female Length: 298 cm Estimated: No Weight: 500 kg Estimated: Yes  
PIT Tag Present: No PIT Tag Applied: R: L:  
State: FL County: Palm Beach City: Jupiter Waterway: Lake Worth Creek  
Latitude (Decimal Degrees): 26.90191° N Longitude (Decimal Degrees): -80.09100° W  
Locality Description: Admiral's Cove, 40 m SW of 118 Clipper Lane  
Method of Capture: Boat based land set

### REASON FOR RESCUE

Check one of the following:

- ☐ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☐ Orphan ☒ Other: (Specify): Buoyant and unable to submerge (no trauma)

#### All Other

Describe: Observed barrel rolling, buoyant caudal end high, unresponsive and unable to submerge when approached by vessel, possible GI issues.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

### HISTORY

Date	Narrative
22 September 2016	At 1541 hrs, FWC biologist Marshalluna Land (MEL) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a sick or dead manatee behind 2955 Calais Dr, Palm Beach Gardens, Palm Beach County. FWC case number 9307 was assigned. The complainant, Vincent (561-622-7800), stated the manatee had been behind the residence for over 6 hours, hadn't moved, and had a 5 foot calf nudging her. MEL requested photos but Vincent informed her he had left the area and it would take a little while to get back. MEL then requested FWC LE respond to verify but was told no officers were available.

FWC biologist Amber Howell (ARH) called Palm Beach County Sheriff's Office (PBSO) to request assistance. Photos were received from the complainant at 1620 hrs, who also verified that the manatee was still alive, unable to submerge, and barrel rolling for several minutes straight. PBSO-Sean Myers arrived at 1704 hrs by vessel and confirmed that the mom (RSE1616) was non-reactive to the vessel, barrel rolling, and attempted to submerge but could not. Photos were received from Deputy Myers at 1724 hrs. ARH sent photos to USGS Cathy Beck to see if this was a known animal with similar documented behavior. C. Beck confirmed the animal as RB730 and no known behavior similar to this. ARH contacted FWC manatee rescue coordinator Andy Garrett (AJG) to discuss plans to assess and capture the next day. ARH also coordinated transport truck assistance from Miami Seaquarium (MSQ) since the FWC SE truck was being repaired.

**23 September**

At 1042 hrs, FWC biologist Aarin Allen (ACA) received a text alert regarding the same manatees. FWC case number 9322 was assigned. The complainant, Christopher (561-222-6907), stated the mom could not submerge and was tucked under a dock with her 5 foot calf behind 127 Commodore Dr., Jupiter. ARH requested ACA assess behavior. ACA and MEL arrived at 1130 hrs and confirmed the manatee was still barrel rolling and was caudal end buoyant. ARH notified MSQ to confirm their transport truck was still available. MSQ agreed to assist, but could not leave MSQ until 1215 hrs. ARH contacted Harbor Branch (HBOI)–Steve Burton to request assistance with crew, and HBOI agreed to send volunteers. ARH requested FWC LE with a vessel for assistance with the calf. The rescue team met at the Jupiter FWC LE office at 1430 hrs and met FWC officers Ben Hankinson and Ben Norbrothen near the manatees at 1500 hrs. The calf and mom were hanging out underneath a dock, so a hoop net team unloaded onto the shoreline and successfully hoop netted the calf (RSE1615) from a dock at 1510 hrs. The calf was loaded onto the manatee rescue boat at 1515 hrs, and transferred to the FWC LE vessel at 1525 hrs. Two HBOI volunteers stayed with the Officers to monitor the calf while the rescue team captured the injured mom. An open water net set was deployed on the mom at 1530 hrs. While bringing in the net, the buoyant animal floated over the floats at 1535 hrs. The net was reset by 1545 hrs. The manatee continued to swim underneath of docks along the shoreline. Once the manatee stopped in a shallow area, a boat based land set was deployed. The manatee was captured (RSE1616) and brought onto the rescue boat by 1600 hrs. Both manatees were loaded into the MSQ transport truck by 1640 hrs and arrived to MSQ by 1900 hrs.

**PARTICIPANTS**

FWC SE: Amber Howell, Aarin Allen, Marshalluna Land

MSQ: Maya Rodriguez, Jessica Schiffhauer, Marc Silpa, Natalie Hildebrand

Harbor Branch Volunteers: Jim Moir, Danielle Ingle

**Edited by:**

DJS  
AJG



# Verified Response Location of Manatee Rescue RSE1616

Rescue Date: 9/23/2016

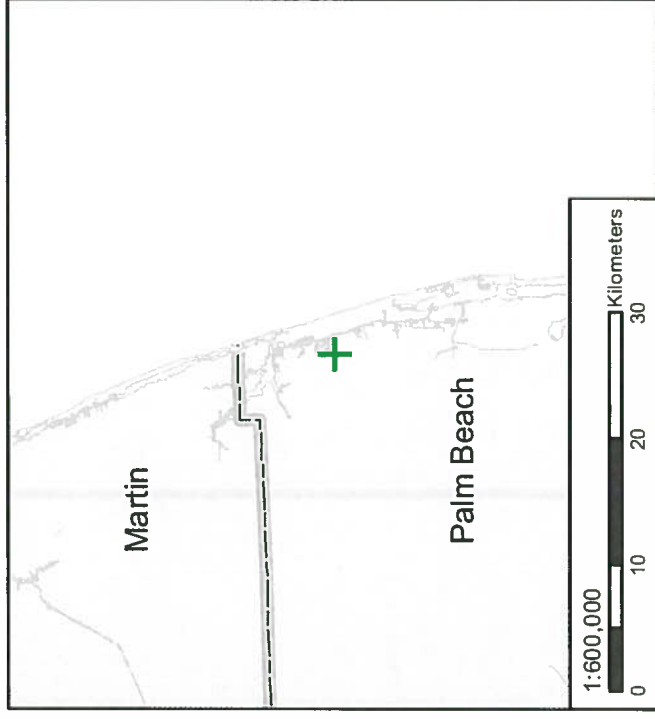
Facility ID: MSTm1609

Map Created 2/9/2017



## Locality Description:

Admiral's Cove, 40 m SW of 118 Clipper Lane



Latitude: 26.90191°N

Longitude: -80.091°W



Resc/Rel  
12/13/16

## Szemer, Donna

**From:** Howell, Amber  
**Sent:** Wednesday, September 28, 2016 12:45 PM  
**To:** Szemer, Donna; Garrett, Andy  
**Subject:** RE: Mom rescue

Here is what I have. I am waiting for a confirmed length from MSQ (we just took a rough estimate while mom was moving in the truck, they said they'd get one to us later). Still haven't heard back about a facility ID or weight yet either.

### GENERAL

Date of Rescue: 23 September 2016	Date of Initial Call: 22 September 2016	Filed by: A. Howell
Rescue ID: RSE1616	Facility ID: <i>MSTM1609</i>	Other ID: RB730, <i>Admiral</i>
FWC Case Number: 9307, 9322		FWC Region: SQ-A
Sex: Female	Length: 298 cm	Estimated: No
	Weight: <i>500</i> kg	Estimated: <i>Yes</i>
PIT Tag Present: No	PIT Tag Applied:	R: L:
State: FL	County: Palm Beach	City: Jupiter
		Waterway: Lake Worth Creek
Latitude (Decimal Degrees): 26.901913° N		Longitude (Decimal Degrees): -80.091007° W
Locality Description: 40 m SW of 118 Clipper Lane		
Method of Capture: Boat based land set		

COR: *Broganney (GI issues)*

**From:** Szemer, Donna  
**Sent:** Wednesday, September 28, 2016 12:26 PM  
**To:** Garrett, Andy <Andy.Garrett@MyFWC.com>; Howell, Amber <Amber.Howell@MyFWC.com>  
**Subject:** RE: Mom rescue

Hey, Amber-

I don't need the whole report right now, but can you copy and paste the "General" section in an email so I can hold a place in the database?

Thanks!  
Donna

**From:** Garrett, Andy  
**Sent:** Monday, September 26, 2016 10:56 AM  
**To:** Howell, Amber <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>  
**Cc:** Szemer, Donna <[Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com)>  
**Subject:** RE: Mom rescue

Ok, thanks.

**To:** Garrett, Andy <[Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)>

**Subject:** RE: Mom rescue

I have the reports filled out the best I can (history etc.) but waiting for MSQ numbers, their official length, weights, etc. I'll wait to put them on the server until I have that info if that is ok with you.

**From:** Garrett, Andy

**Sent:** Monday, September 26, 2016 10:11 AM

**To:** Howell, Amber <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>

**Subject:** RE: Mom rescue

Ok, thanks.

**From:** Howell, Amber

**Sent:** Monday, September 26, 2016 9:55 AM

**To:** Garrett, Andy <[Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)>

**Subject:** FW: Mom rescue

Initial observation by Maya

**From:** Magdalena Rodriguez [<mailto:MayaDVM@msn.com>]

**Sent:** Monday, September 26, 2016 9:35 AM

**To:** Howell, Amber <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>; Jessica Schiffhauer <[JSchiffhauer@msq.cc](mailto:JSchiffhauer@msq.cc)>

**Subject:** Re: Mom rescue

her bouyancy is gone but... her blood is very bad, she has some brown color vegetation in her stomach, still not eating, can send slides to UF, thinking GI, but not confirmed yet.  
maya

Sent from my BlackBerry 10 smartphone.

---

**From:** Howell, Amber

**Sent:** Monday, September 26, 2016 9:14 AM

**To:** [mayadvn@msn.com](mailto:mayadvn@msn.com); Jessica Schiffhauer

**Subject:** Mom rescue

Let me know if you have found anything for why mom is buoyant. For now I will put "Other" on the report for reason for rescue, but if you discover it is due to watercraft (either those small "healing" wounds on the dorsum, or chronic due to her deep peduncle scar) or anything GI related, then I will update it.

Thanks!

Amber Howell

Research Associate | Marine Mammals

Florida Fish and Wildlife Conservation Commission

Marine Mammal Section

19100 SE Federal Highway, Tequesta, FL 33469

561-398-5914

Wildlife Alert Hotline: 1-888-404-3922

Resc

**From:** Garrett, Andy  
**Sent:** Monday, September 26, 2016 10:53 AM  
**To:** (Group)  
**Subject:** Rescue Update

(Calf) - RSE1615 / MSTM16  
(Mom) - RSE1616 / MSTM16

**Jupiter:**

On Friday afternoon, a FWC-Miami Seaquarium (MSQ) rescue team was able to capture the injured mom with her dependent calf in Jupiter. Both were transported to MSQ (see attached IMG\_1744).

↳ (GI Issues)      ↳ (Calf of Resc. Mom.)

**Coco Beach:**

On Friday, the FWC attempted a land set on the excessively buoyant manatee in Coco Beach. Unfortunately, the manatee evaded capture yet again. The manatee was reported again yesterday afternoon, but reported too late in the day to assemble a rescue crew.

**Crystal River:**

On Saturday, the USFWS Crystal River National Wildlife Refuge responded to a report of a 6-7 ft excessively buoyant manatee with a linear resolving watercraft wound (see attached IMG -8905). An attempt was made to capture the manatee with the USFWS capture boat, but the manatee was able to evade capture. The manatee was not reported yesterday.

**Putnam County (near the Rodman Dam):**

On Thursday, the FWC-NEFL received a report of a manatee in Putnam County near the Rodman Dam that gained access to a creek/canal when a pile of logs were removed from a culvert. I have attached a GoogleEarth map of the manatee's location and a photo of the manatee. NEFL staff responded and observed the manatee struggling to leave the system. The manatee tried several times to swim against the current flowing out of the culvert. The staff on scene did not think the manatee would be able to leave the system unless the water flow weakened. By the end of the day on Friday, the manatee was observed further downstream and had passed through another culvert. The FWC decided to give the manatee the weekend in the hope that the flow may decrease enough for the manatee to leave.

The manatee was observed again this morning in the system, so a capture team is responding to capture and relocate the manatee. FWC management has been made aware of the culvert and will work with the appropriate parties to grate the culvert.

**From:** Garrett, Andy  
**Sent:** Friday, September 23, 2016 12:25 PM  
**To:** (Group)  
**Subject:** rescue alert

**Coco Beach:**

The excessively buoyant manatee that evaded capture on Tuesday has been relocated. A rescue team from FWC and Sea World is responding.

**Jupiter:**

Last night, the FWC-SEFL received a report, that was verified by a FWC LE officer, of an excessively buoyant barrel rolling adult manatee (see attached photo). The manatee has been identified as RB730 and has been verified with a 5 ft calf. The manatee was been relocated and a FWC and Miami Seaquarium rescue team is responding.

**Cape Cod:**

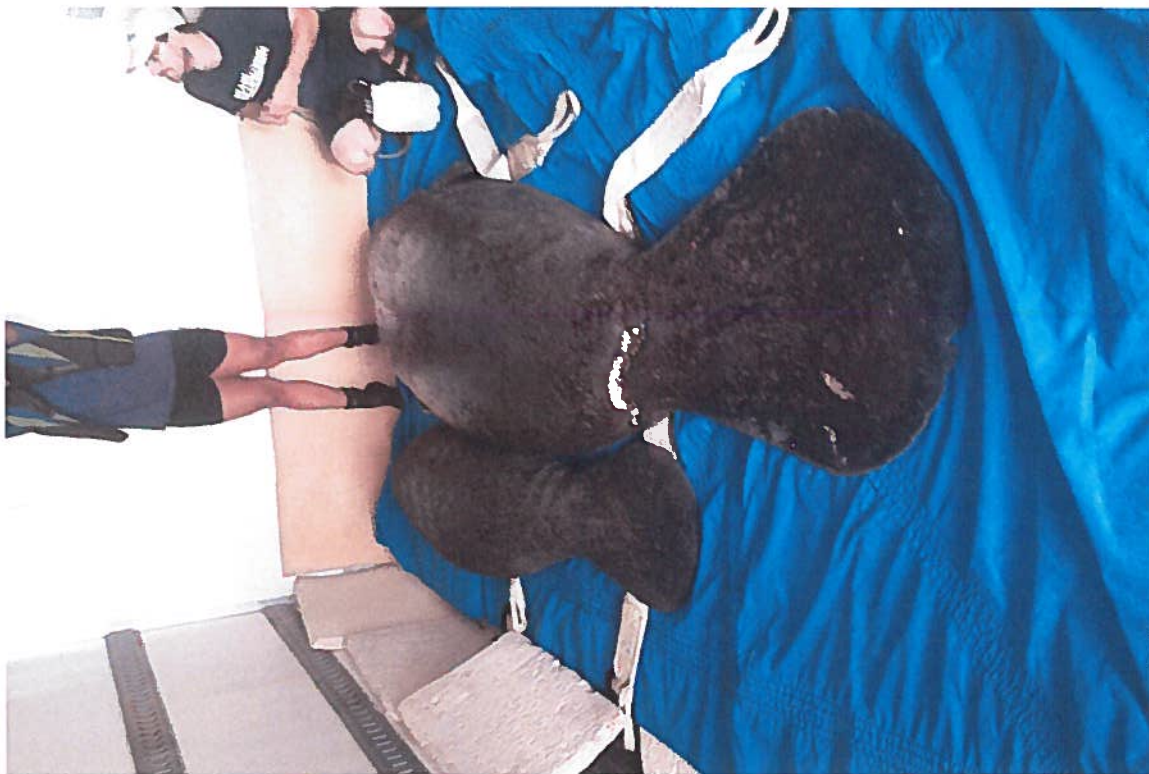
Just a quick update, the female manatee captured yesterday is doing well at Mystic Aquarium. 4 kilograms of lettuce was consumed last night and more is being consumed this morning.

Plans are being discussed to transport the manatee back to Florida.



RSE1616  
MSTM1609  
"Admiral"





RSE1615 / MSTM16  
RSE1616 / MSTM16

- Calf

- Mom

## Szemer, Donna

---

**From:** Howell, Amber  
**Sent:** Tuesday, December 13, 2016 3:00 PM  
**To:** Szemer, Donna  
**Subject:** Releases  
**Attachments:** MSTm1610 HA form.pdf; MSTm1609 HA form.pdf

Today we released 2 manatees, a mom and calf pair. Mom "Admiral/MSTm1609" and Calf "Ackbar/MSTm1610"

Attached are the HA forms from MSQ. The release site was Anchorage Park (603 Anchorage Dr. North Palm Beach, FL) Palm Beach County. Waterway is North Palm Beach Waterway.

Amber Howell  
Research Associate – Marine Mammals  
Florida Fish and Wildlife Conservation Commission  
Marine Mammal Section  
19100 SE Federal Highway, Tequesta, FL 33469  
561-398-5914

Wildlife Alert Hotline: 1-888-404-3922

**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Manatee ID: MSTm1609 Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Date: 11/18/2016 Time Captured(Onboard): \_\_\_\_\_  
 Name: Admiral Sex: Female Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: Calf MSTm1610 Ackbar Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: Miami Seaquarium Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: ☐ Capture ☐ Rescue ☒ Pre-release Assess. ☐ Release ☐ Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>975 #</u> (lb or kg) <u>12-13-2016</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	309cm	
	Total Length (straight)	298cm	
	Snout to Peduncle	208cm	
	Snout to Anus	182cm	
	Snout to Umbilicus	106cm	
<b>Girths</b>	Girth at Peduncle: 108cm actual	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: 147cm actual		
	Girth at Umbilicus: 199cm actual		
	Girth at Axilla: 154cm actual		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>
Other:	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u>
	Side between anus & peduncle: <u>Rounded</u>
	Ventrum: <u>Rounded</u>
	Fresh Wounds or Lesions: <u>healed scars</u>
	Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? <u>Yes (calf nursing) no milk, only clear drops seen</u>

<b>SAMPLES</b>	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>No</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube Taken</u>

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: MSTm1609

Manatee Name: Admiral

Date: 11-18-2016

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release blood	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	Yes	PIT tagged at this capture?	No
	PIT tagged by:	Dr. Maya Rodriquez 10-12-2016		
	Right #	00 - 06 F 1 - 0220		
	Left #	00 - 072 A - 7 F F A		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Length: _____" Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length:	ft.
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Yes		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

Comments

Asst. + Rel

## Rescue Report

RSE1701

### GENERAL

Date of Rescue: 02 February 2017      Date of Initial Call: 01 February 2017      Filed by: A. Howell  
Rescue ID: RSE1701      Facility ID:      Other ID:  
FWC Case Number: N/A      FWC Region: SO-A  
Sex: Unknown      Length: 200 cm      Estimated: Yes      Weight: 200 kg      Estimated: Yes  
PIT Tag Present: Unk      PIT Tag Applied: No      R:      L:  
State: FL      County: Palm Beach      City: Riviera Beach      Waterway: Lake Worth  
Latitude (Decimal Degrees): 26.76566° N      Longitude (Decimal Degrees): -80.05270° W  
Locality Description: Port of Palm Beach, inside FPL Riviera Beach Intake well #1  
Method of Capture or Assistance: Other      (Other: Turned intake pumps off, divers in water to swim manatee out)

Entrapment  
Human  
(Intake Well)

### REASON FOR RESCUE

Check one of the following:

- |                                      |  |  |
|--------------------------------------|--|--|
| <input type="checkbox"/> Watercraft  | <input type="checkbox"/> Entanglement            | <input checked="" type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded              |
| <input type="checkbox"/> Orphan      | <input type="checkbox"/> Other: (Specify): _____ |  |

#### Entrapment-Human Related

Describe: Manatee was in well #1 of the intake canal at FPL Riviera Beach. The manatee tried to get out numerous times but water current was too strong from the intake pumps that it could not swim back out until FPL turned off 2/4 of the pumps.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC029_2017-02-01_3374 through 3386 FWC029_2017-02-02_3388 through 3396 Cell phone photos and Go pro video	



## Rescue Report

RSE1701

### HISTORY

Date	Narrative
01 February 2017	<p>At 1547 hrs, FWC biologist Amber Howell (ARH) received a direct call from FPL-Kristin Eaton regarding a live manatee in intake well #1. No FWC case number was assigned. The manatee was reported as four foot so a plan to extract using a turtle baskets was devised. ARH, along with FWC biologist Marshalluna Land (MEL) and 2 interns, arrived at 1640 hrs and determined the manatee was 6.5 foot. Due to its size, the turtle basket was no longer an option. The manatee was observed attempting to swim back out against the current and ARH requested the pump to that well be shut off so it could have a chance to swim out. MEL was stationed on the Port of Palm Beach side to confirm if the manatee got out once the pump was shut off. At 1750 hrs, the pump was shut off and the manatee was observed swimming out of the well, back into the pipe. At 1830 hrs, there was no sighting of the manatee on either end and there were no known air pockets or room to breathe underground. ARH requested the pump be turned back on. At 1837 hrs, the pump was turned on and the manatee appeared in well #3. The animal quickly went back into the pipe and was not observed again. At 2000 hrs, it was agreed that if there were no air pockets underground, it must have swam out and the rescue team left the site. At 2200 hrs, ARH received a text from Kristin stating the manatee was back in well #3. A plan was made to meet at 8 am the following morning.</p>
02 February	<p>At 0600 hrs, ARH received a text alert that the manatee was in well #1. The rescue team arrived at 0755 hrs and met with FPL personnel. Due to safety concerns on site and outside contracted employees being brought in, FPL required a safety training for all participants and a formal written procedure in order to do the rescue. The formal procedure to extract the manatee using a crane and a stretcher was written up by 1200 hrs, but not approved until 1415 hrs. At 1415 hrs, FPL requested one more meeting to discuss the operation plan again. By 1430 hrs, a stretcher was being lifted into place above well #3, where the manatee had been seen at 1330 hrs. FWC Intern and FPL personnel were placed on the Port of Palm Beach side where the opening to the intake pipe was located. At 1500 hrs, the manatee was observed in well #1 but it quickly took a breath and went back into the pipe. Equipment was moved to well #1. The manatee was observed coming part way out (tail first) and then went back into the pipe, never fully coming out of the pipe for the rescue team to attempt to get it in the stretcher. At 1530 hrs, ARH requested a diver to explore the pipes to confirm there were no air pockets, due to how long the manatee stayed in the pipes. At 1545 hrs, one of the wells was shut off to allow the diver into the water. At 1600 hrs, the diver confirmed numerous air pockets measuring over 2 feet from the surface of the water to the top of the intake pipes at that time. The manatee was observed surfacing underground and swimming hard to get out but not going anywhere. ARH requested as many pumps as possible be shut off so the manatee could swim out. After numerous phone calls, FPL agreed to shut one more pump off. The diver was asked to attempt to guide the manatee out the way it had come in, which involved</p>

## Rescue Report

**RSE1701**

putting in a second diver. The second diver arrived on site at 1700 hrs. The additional pump was turned off at 1705 hrs. At 1718 hrs, the divers were in the water swimming towards the access point. At 1722 hrs, FWC intern- Lucy Bukowski confirmed the manatee was out of the pipe and sent video and photos to ARH. ARH verified it was the same manatee and informed all personnel. The divers continued to explore the point of access and FPL planned to implement a temporary fix to prevent this occurring again.

### **PARTICIPANTS**

FWC SE: Amber Howell, Aarin Allen, Marshalluna Land

FWC Interns: Lucy Bukowski, Shelby Beard

Contract divers

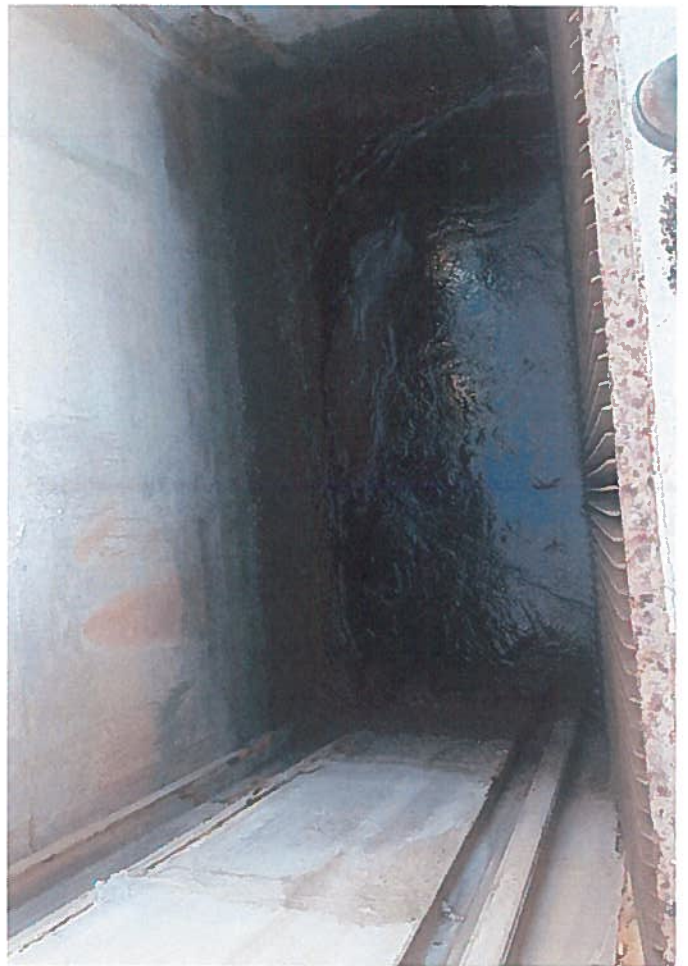
FPL personnel

### **Edited by:**

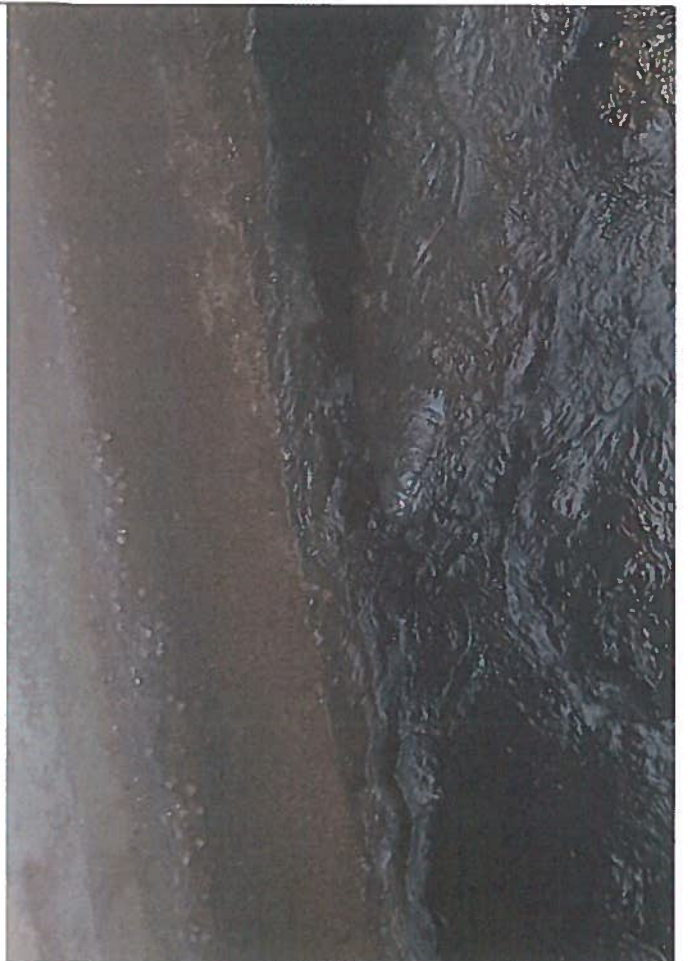
DJS

AJG

(Rev: 01/20/2017)



RSE1701







RSE1701





RSE1701







RSE1701

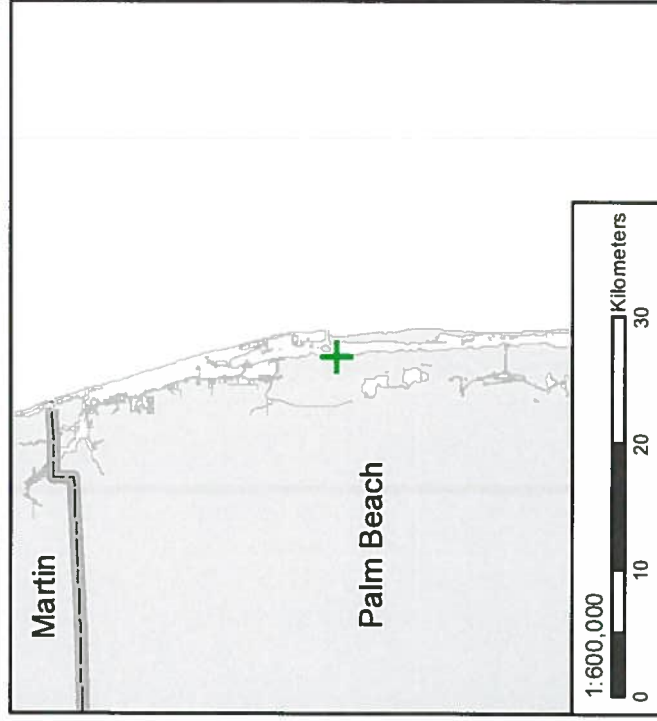
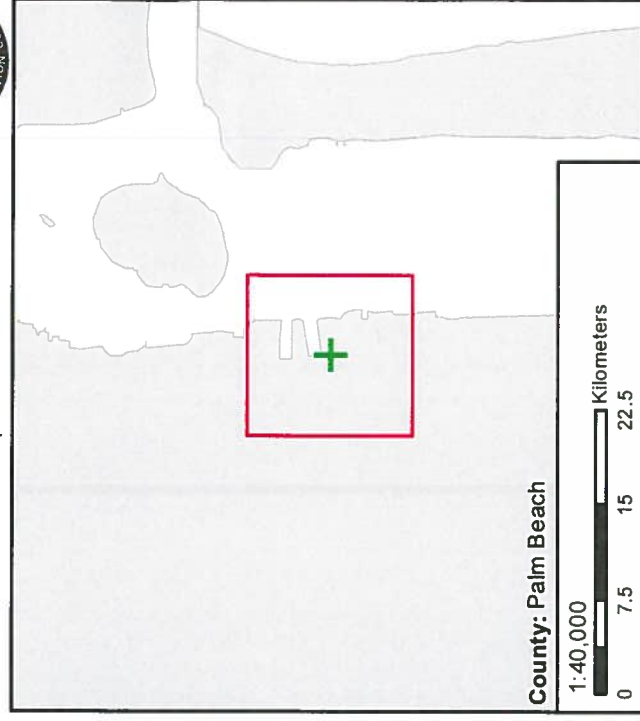


# Verified Response Location of Manatee Rescue RSE1701

Rescue Date: 2/2/2017

Facility ID: N/A

Map Created 5/23/2017



**Locality Description:**  
Port of Palm Beach, inside FPL Riviera Beach Intake well #1

**Latitude:** 26.76566°N

**Longitude:** -80.0527°W



Resc / Dth  
2/10/17 2/10/17

## Rescue Report

RSE1703

Watercraft

### GENERAL

Date of Rescue: 10 February 2017	Date of Initial Call: 10 February 2017	Filed by: A. Howell
Rescue ID: RSE1703	Facility ID: MSTm1701	Other ID:
FWC Case Number: N/A	FWC Region: SO-A	
Sex: Female	Length: 290 cm	Estimated: No
Weight: 365 kg	Estimated: No	
PIT Tag Present: No	PIT Tag Applied: No	R: L:
State: FL	County: St Lucie	City: Ft Pierce
Waterway: Indian River		
Latitude (Decimal Degrees): 27.48593° N		Longitude (Decimal Degrees): -80.32593° W
Locality Description: 330 m ENE of Day beacon # 180 and 0.92 km E of 2709 N Indian River Dr.		
Method of Capture or Assistance: Boat Based: Net Set		

### REASON FOR RESCUE

Check one of the following:

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Watercraft | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress           | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded   |
| <input type="checkbox"/> Orphan                | <input type="checkbox"/> Other: (Specify): _____ |   |

### Watercraft

Check all that apply:

- |  |  |                                |
|--|--|--------------------------------|
| <input checked="" type="checkbox"/> Penetrating Cuts | <input checked="" type="checkbox"/> Impact | <input type="checkbox"/> Other |
|--|--|--------------------------------|

Describe: Deep penetrating cuts on peduncle and small, mostly healed impact wound on right dorsum causing manatee to swim sideways.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC029_2017-01-10_3603 through 3636	

## Rescue Report

RSE1703

### HISTORY

Date	Narrative
10 February 2017	<p>At 1025 hrs, FWC biologist Amber Howell (ARH) received a direct call from Steve Burton with Harbor Branch Oceanographic Institute (HBOI) regarding an injured manatee in their boat basin. No FWC case number was assigned. Steve had received a call from HBOI Photo-ID staff-Marilyn Mazzoil, so no information on size or how the manatee was injured was available. HBOI-Wendy Marks was sent to verify the animal, and at 1033 hrs, ARH received the photos. A rescue team was organized and arrived to HBOI at 1200 hrs to launch the rescue boat. The manatee had moved out of the HBOI basin but FWC LE was staying with it. At 1310 hrs, the rescue team was with the manatee. The manatee was encircled by 1315 hrs, but floated over the float line at 1320 hrs. The manatee then moved to shallower water and grounded itself in 2 feet of water. The manatee was captured in the second net set at 1332 hrs and onto the rescue boat by 1337 hrs. The manatee was taken back to the HBOI boat ramp by 1440 hrs and loaded into the rescue truck by 1510 hrs. FWC biologist Aarin Allen and FWC intern Lucy Bukowski met at HBOI after recovering MSE17008 and transported the manatee to Miami Seaquarium, arriving by 1812 hrs. The manatee was loaded into the pool by 1842 hrs and was pronounced dead at 1855 hrs. The carcass was loaded back into the rescue truck and taken to the Tequesta field station by 2145 hrs to be iced overnight for pending transport to the MMPL.</p>

### PARTICIPANTS

FWC SE: Amber Howell  
FWC EC: Bill Greer  
FWC Intern: Shelby Beard  
FWC Volunteer: Laurie Aleixo  
FWC LE: Jonathan Fretwell, Wade Turner  
HBOI: Wendy Marks, Adam Schaeffer

#### Edited by:

DJS  
AJG

(Rev: 01/20/2017)



MSTM1701 / RSE1703







MSTM1701 / RSE1703







MSTM1701

RSE1703

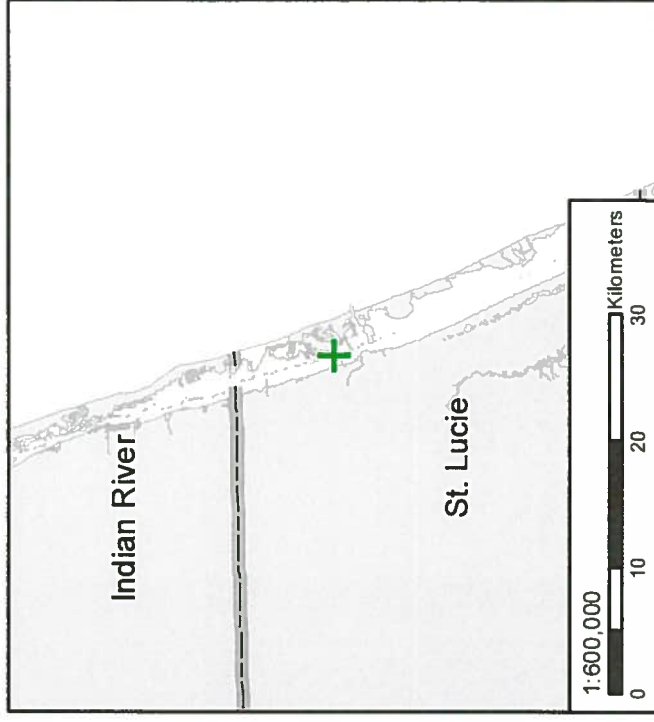


# Verified Response Location of Manatee Rescue RSE1703

Rescue Date: 2/10/2017

Facility ID: MSTm1701

Map Created 5/23/2017



## Locality Description:

330 m ENE of Day beacon # 180 and 0.92 km E of 2709 N Indian River Dr

Latitude: 27.48593°N

Longitude: -80.32593°W



# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MSTm1701

Date of Report: 2017-Feb-10

Filed By: FWC MMPL

FWC Case #

FWC Region: SO-A

Sex: Female

Length: 290 cm

Weight: 365.0 kg

DATE REPORTED: 2017-Feb-10

By: FWC-ACA

DATE COLLECTED: 2017-Feb-10

By: FWC-ACA

DATE NECROPSIED: 2017-Feb-13

By: MMPL-MdW,KJR,BLB,GLL,DJS

LOCATION: State: FL

Latitude: 27.48593 N

County: St. Lucie

Longitude: -80.32593 W

Waterway: Indian River

Locality description: Ft. Pierce, approximately 330 m ENE of daybeacon 180, approximately 920 m E of 2912 N. Indian River Drive, and between spoil island SL14 and spoil island LS14B.

CONDITION: Moderately Decomposed

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

EXPLAIN: Propeller; Acute; Watercraft wounds; Emaciated; Depleted fats; Fractured vertebra(e); Blood clots; Hemorrhagic muscle; Wet lung(s); Swollen lungs; Mucus in airways; Congested parietal pleura, peritoneum; Relatively empty colon; Specks parietal pleura, peritoneum.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Lateral, Scar, Fluke, Cranial, Internal, Other (Wounds).

## MATERIALS COLLECTED:

Genetics, Earbone, ELISA toxicology samples, Histology. C. Rivera: trematodes from cecum.

DISPOSITION OF MATERIAL: FWC MMPL.

## ADDITIONAL DATA:

Histology report. Rescue report. Wound measurements.

## REMARKS:

PIT tag scan negative. Uterine Scar. Died on 10 Feb 2017. Died at 1855 hrs. Died in facility. Bleached epidermis; Tan coating small intestine mucosa. Abscess in proximal colon. Macroalgae in upper GI tract.

RSE1703

Page 1&2	03 MAY 2018
Necropsy Report	03 MAY 2018
Lat/Long	03 MAY 2018

Field ID #: MSTm1701

**MORPHOMETRICS:**

Total length:	290 cm	Fluke base:	89 cm	Girth at axillae:	150 cm
Snout to anus:	182 cm	Fluke width:	74 cm		
Snout to U/G:	167 cm	Girth at fluke base:	cm		
Snout to umbilicus:	106 cm	Girth at anus:	cm		
Flipper width:	18 cm	Girth at umbilicus:	187 cm	Nail count: R: 4	L: 4

	Ventral	Lateral		
Skin Thickness:	cm	cm		
Outer Blubber Thickness:	cm	cm	Abdominal Fat Thickness:	cm
Inner Blubber Thickness:	cm	cm	Epidermis Thickness:	cm

Perinatal:	Ductus Arteriosus Diameter:	cm
	Left Pulmonary Artery Diameter:	cm
	Right Pulmonary Artery Diameter:	cm

Uterine Scarring Measurements:		
Side	Circumference (cm)	Width (cm)
Right		
Right		
Left	3.5	4.5
Left		

Male Reproductive:

Fetus 1: Sex: Report?:
Length:
Weight:
Samples Taken:

Fetus 2: Sex: Report?:
Length:
Weight:
Samples Taken:

Brevetoxin Results:		
Tissue	Concentration	Units
Liver		ng/g
Stomach Contents		ng/g
Kidney		ng/g
Lung		ng/g
Urine		ng/mL
Other Brevetoxin Results:		



Resc  
5/25/18

## Rescue Report

RSE1707

Watercraft

### GENERAL

Date of Rescue: 25 May 2017      Date of Initial Call: 25 May 2017      Filed by: A. Howell  
 Rescue ID: RSE1707      Facility ID: MSTm1705      Other ID: JarJarBranch  
 FWC Case Number: N/A      FWC Region: SO-A  
 Sex: Male      Length: 251 cm      Estimated: No      Weight: 315 kg      Estimated: Yes  
 PIT Tag Present: No      PIT Tag Applied: No      R:      L:  
 State: FL      County: St. Lucie      City: Ft. Pierce      Waterway: Indian River  
 Latitude (Decimal Degrees): 27.53439° N      Longitude (Decimal Degrees): -80.35619° W  
 Locality Description: 255 m SE of the security guard station at the entrance to Harbor Branch Oceanographic Institute  
 Method of Capture or Assistance: Boat Based: Net Set

### REASON FOR RESCUE

Check one of the following:

- ☒ Watercraft      ☐ Entanglement      ☐ Entrapment (Human)  
☐ Cold Stress      ☐ Red Tide      ☐ Tidally Stranded  
☐ Orphan      ☐ Other: (Specify): \_\_\_\_\_

### Watercraft

Check all that apply:

- ☐ Penetrating Cuts      ☒ Impact      ☐ Other

Describe: Linear wound across mid dorsum, manatee swimming sideways

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	ARH iPhone photos	

### HISTORY

Date	Narrative
25 May 2017	At 1431 hrs, FWC biologist-Amber Howell (ARH) received a direct call from Harbor Branch (HBOI) staff-Steve Burton regarding an injured manatee

## Rescue Report

RSE1707

observed by FAU instructor-Jon Moore. ARH spoke to Dr. Moore directly to obtain more information. At 1445 hrs, Dr. Moore sent ARH videos and described the manatee as swimming sideways. ARH agreed the manatee needed to be rescued and assembled a crew. At 1640 hrs, the rescue boat was launched at HBOI. The manatee stayed close to another manatee underneath the HBOI dry dock and was inaccessible to the rescue crew. At 1710 hrs, the manatee moved away from the dry dock and separated from the other manatee. At 1720 hrs, it was captured in the net and at 1720 hrs, was pulled onto the rescue boat. The manatee was loaded into the transport truck by 1800 hrs and transported to Miami Seaquarium, arriving at 2030 hrs.

### **PARTICIPANTS**

FWC SE: Amber Howell, Aarin Allen

FWC LE: Jon Arnold

FWC Volunteer: Jim Moir, TJ Wilkerson

Harbor Branch Staff: Steve Burton, Wendy Marks, Adam Schaeffer, Jon Moore

### **Edited by:**

DJS

AJG

GLL

(Rev: 01/20/2017)

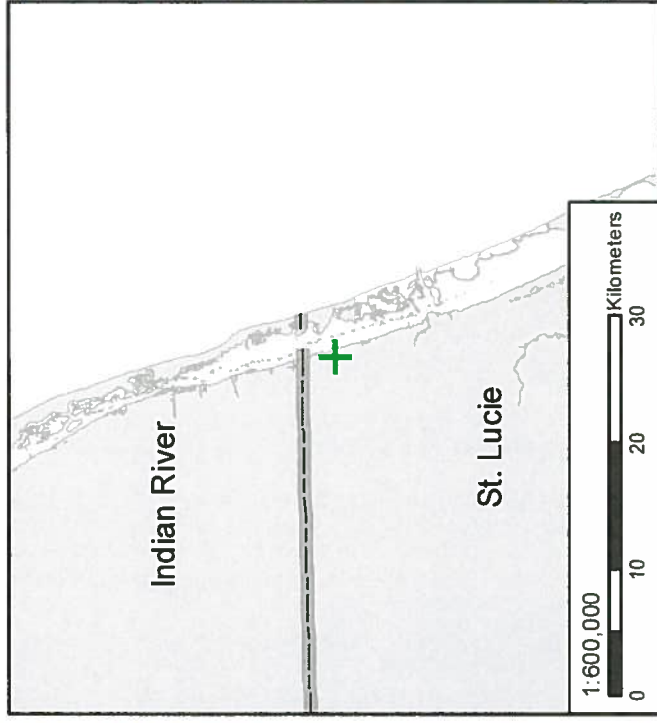


# Verified Response Location of Manatee Rescue RSE1707

Rescue Date: 5/25/2017

Facility ID: MSTm1705

Map Created 11/27/2017



## Locality Description:

255 m SE of the security guard station at the entrance to Harbor Branch Oceanographic Institute

Latitude: 27.53439°N

Longitude: -80.35619°W



**From:** Magdalena Rodriguez [mailto:MayaDVM@msn.com]

**Sent:** Tuesday, May 30, 2017 10:12 AM

**To:** (Group)

**Subject:** Re: Update Harbor

RSE1707

Hi, The Harbor Branch 251cm male manatee has a pretty significant skeg mark with intermittent buoyancy (positive and negative interchanging) did not really eat the first two days and has major blood changes (infection and coagulopathy). He was given antibiotics and one dose of NSAIDS but because of the clinical sign we also tubed him quite a bit of barium for possible diaphragmatic hernia. He ("Jarjarbranch") began eating very well on the third day and will be scheduled for xrays this Friday.

Thank you,

Maya

Sent from [Outlook](#)

---

**From:** Garrett, Andy <[Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)>

**Sent:** Friday, May 26, 2017 8:02 AM

**To:** (Group)

**Subject:** RE: rescue alerts

Spoke too soon. The Harbor Branch manatee was capture yesterday afternoon and transported to Miami Seaquarium.

9 ft male, photo attached. (IMG\_0151.jpg)

**From:** Garrett, Andy

**Sent:** Thursday, May 25, 2017 4:54 PM

**To:** (Group)

**Subject:** RE: rescue alerts

**Titusville:**

Unfortunately the rescue team was unsuccessful in separating the buoyant female away from the 4-5 males accompanying her. The rescue has been postponed till tomorrow.

**Harbor Branch Boat Basin:**

The rescue team has had difficulty separating the negatively buoyant manatee from another manatee in the basin. There is a strong possibility that this rescue will be postponed.

**From:** Garrett, Andy  
**Sent:** Thursday, May 25, 2017 3:32 PM  
**To:** (Group)  
**Subject:** rescue alerts

**Titusville:**

The excessively buoyant manatee with watercraft wounds in Titusville was report earlier this afternoon. A rescue team from Sea World and FWC is responding. If captured, the manatee will be transported to Sea World.

**Harbor Branch:**

Harbor Branch staff reported what looks to be a negatively buoyant manatee with a watercraft wound in the Harbor Branch boat basin (see attached video). A FWC rescue team is responding.





IMG\_0151.jpg

RSE1707

MSTM1705

"JarJar Branch"

Assess & Rel

## Rescue Report

RSE1709

Natural  
Tidally  
Stranded  
(mating herd)

### GENERAL

Date of Rescue: 23 September 2017	Date of Initial Call: 22 September 2017	Filed by: A. Allen		
Rescue ID: RSE1709	Facility ID:	Other ID: RB607		
FWC Case Number: 8601	FWC Region: SO-A			
Sex: Female	Length: 306 cm	Estimated: No	Weight: N/T kg	Estimated: Choose an item.
PIT Tag Present: No	PIT Tag Applied: Yes	R: 00-071E-27A1	L: 00-071E-29D1	Entered Captive at PIT 10/6/17 JTS
State: FL	County: St. Lucie	City: Ft. Pierce	Waterway: Indian River	
Latitude (Decimal Degrees): 27.47872° N		Longitude (Decimal Degrees): -80.31290° W		
Locality Description: approximately 60 m NW of Little Jim Bait & Tackle at 106 N. Causeway				
Method of Capture or Assistance: Other		(Other: assessed and left on site)		

### REASON FOR RESCUE

Check one of the following:

- |                                      |  |  |
|--------------------------------------|--|--|
| <input type="checkbox"/> Watercraft  | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human)          |
| <input type="checkbox"/> Cold Stress | <input type="checkbox"/> Red Tide                | <input checked="" type="checkbox"/> Tidally Stranded |
| <input type="checkbox"/> Orphan      | <input type="checkbox"/> Other: (Specify): _____ |  |

#### All Other

Describe: In a mating herd of 17 animals, the focal female stranded onshore to rest. People nearby would not leave the manatee alone. To avoid further stress to the female, SEFL staff responded to the scene, educated the public, and took the opportunity to PIT tag the female.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC029_2017-09-22_5192 through _5199, _5204 through _5210, 5213 through 5219. FWC030_2017-09-23_3584 through 3600.	

## Rescue Report

RSE1709

### HISTORY

Date	Narrative
22 September 2017	At 1136 hrs, FWC biologist-Aarin Allen (ACA) received a text alert from FWC SO-A Dispatch-West Palm Beach regarding a stranded manatee. FWC case number 8601 was assigned. The complainant, Ken (772-216-0123) with St. Lucie County Animal Control, was on scene after Rita Elliot (772-216-9566) called St. Lucie County-911 to report the stranded animal behind Little Jim Bait & Tackle at 601 North Causeway. ACA requested photos, which were received at 1200 hrs. ACA arrived on scene at 1300 hrs to find a mating heard in shallow water. He photo documented the animals mating and departed the scene at 1430 hrs, after determining there was no cause for alarm.
23 September 2017	At 1310 hrs, ACA received a direct call from Rita to report the manatee was still stranded. After consulting with Miami Seaquarium veterinarian-Maya Rodriguez, ACA and FWC volunteers-Laurie Alexio and A.J. Alexio responded and arrived at the tackle shop. Per Dr. Rodriguez's instruction, ice and cool towels were applied to the back of the manatee. There were a few dermal abrasions on the animal from rocks where the animal was resting. Several rocks were removed from underneath the animal to make it more comfortable. ACA applied PIT tags, and at 1930 hrs, ACA and the FWC volunteers departed.
24 September 2017	At 0700 hrs, Laurie Alexio arrived at the stranding location to check on the manatee, but it had departed the area overnight.

### PARTICIPANTS

FWC SE: Aarin Allen

FWC Volunteer: Laurie Alexio, A.J. Alexio

#### Edited by:

DJS  
GLL  
AJG

(Rev: 01/20/2017)



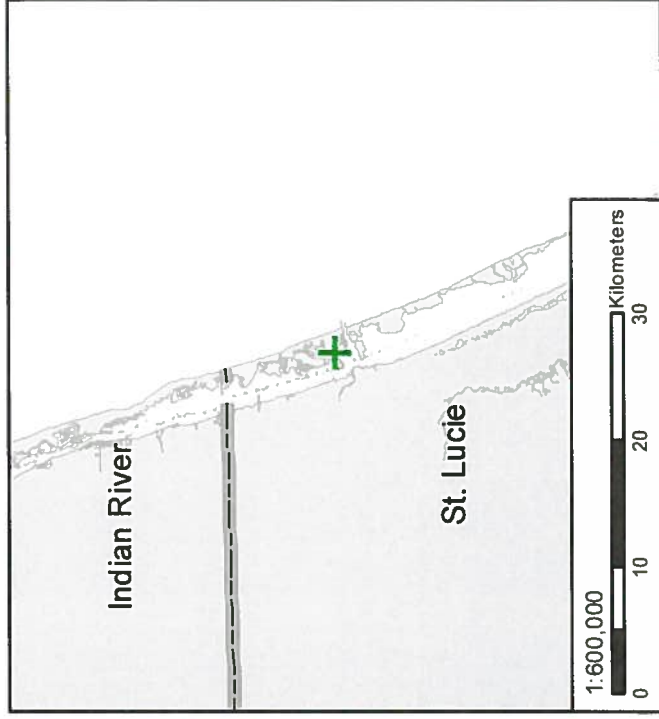


# Verified Response Location of Manatee Rescue RSE1709

Rescue Date: 9/23/2017

Facility ID: N/A

Map Created 2/7/2018



## Locality Description:

approximately 60 m NW of Little Jim Bait & Tackle at 106 N. Causeway

Latitude: 27.47872°N

Longitude: -80.3129°W

# Rescue Report

RSE1808

Rescue / Rel  
1/11/18 3/1/18  
Watercraft

## GENERAL

Date of Rescue: 11 January 2018 Date of Initial Call: 09 January 2018 Filed by: A. Howell  
Rescue ID: RSE1808 Facility ID: MSTm1801 Other ID: Frappuccino  
FWC Case Number: 0331 (NE), 0267 FWC Region: SO-A  
Sex: Male Length: 305 cm Estimated: No Weight: kg Estimated: Choose an item.  
PIT Tag Present: No PIT Tag Applied: No R: L:  
State: FL County: St. Lucie City: Ft Pierce Waterway: Indian River South  
Latitude (Decimal Degrees): 27.46689° N Longitude (Decimal Degrees): -80.32890° W  
Locality Description: approximately 220 m SE of 1931 N Old Dixie Hwy.  
Method of Capture or Assistance: Boat Based: Net Set

## REASON FOR RESCUE

Check one of the following:

- ☒ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☐ Orphan ☐ Other: (Specify): \_\_\_\_\_

## Watercraft

Check all that apply:

- ☐ Penetrating Cuts ☐ Impact ☒ Other

Describe: Animal listing right side high, unable to submerge, several large, well-healed scars on cranial left lateral aspect and one large well-healed scar on dorsal aspect of head

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC030_2018-01-11_6708-6831	



## Rescue Report

RSE1808

### HISTORY

Date	Narrative
09 January 2018	At 1144 hrs, FWC biologist-Bill Greer (WDG) received a text alert from FWC NE Dispatch-Orlando regarding an injured manatee in Vero Beach, Indian River County. FWC case number 0331 was assigned. The complainant, Adam (631-740-0770), stated the manatee was off Wabasso Beach in the Atlantic Ocean. WDG requested that FWC volunteers-Anne and Paul Lins respond to verify. At 1646 hrs, WDG received photo verification that the manatee had a pneumothorax with its tail fully sideways and out of the water. Since the animal was in the surf, a rescue was postponed until the animal was in a location suitable for rescue.
10 January 2018	At 1740 hrs, FWC on-call biologist-Nadia Gordon (NJG) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a buoyant manatee in the Ft. Pierce Inlet, St. Lucie County. FWC case number 0267 was assigned. The complainant, Tammy (954-684-4914), stated the manatee was sideways and just drifting with the current. No photos were available. NJG passed the information to FWC biologist-Amber Howell (ARH). ARH requested FWC LE assistance for the morning. FWC LE Officer-Jon Arnold called ARH at 1804 hrs to state he would come on shift at 0900 hrs and head there once he got on his vessel.
11 January 2018	At 1130 hrs, Officer Arnold advised ARH he had searched the Ft. Pierce inlet and nearby area and did not locate the manatee. At 1240 hrs, Officer Arnold called ARH to advise the manatee had been reported in Taylor Creek. ARH called Dispatch to get the complainant's information. The complainant, Patrick (786-606-3556), had seen the animal from Harbortown Marina, Ft. Pierce, swimming west into Taylor Creek. He advised the animal swam under a bridge that was not accessible for boats to pass. After completing a field necropsy and arriving at the Tequesta field station, ARH headed to Taylor Creek to assess the manatee and location. At 1330 hrs, Officer Arnold arrived on site and verified the animal had come out from under the bridge and was in a good capture location. ARH met Officer Arnold at a nearby boat ramp at 1415 hrs and located the manatee by 1440 hrs. ARH confirmed with FWC rescue coordinator-Andy Garrett that a rescue was possible. The rest of the rescue crew arrived on site at 1610 hrs. The animal was grounded in shallow water, so a land-based boat set was conducted around the animal by 1625 hrs, and the animal was on board by 1635 hrs. The animal was loaded into the rescue truck by 1730 hrs and taken to Miami Seaquarium, arriving at 2030 hrs.

### PARTICIPANTS

FWC SEFL: Amber Howell, Aarin Allen, Shelby Beard

FWC Interns: Rachel Kaplan, Samantha Smith

FWC Volunteers: Laurie Aleixo, Jim Moir

Harbor Branch staff: Wendy Marks, Adam Schaeffer

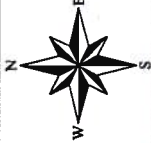
#### Edited by:

DJS

GLL

AJG

(Rev 01/20/2017)



# Verified Response Location of Manatee Rescue RSE1808



Rescue Date: 1/11/2018

Facility ID: MSTm1801

Map Created 3/21/2019

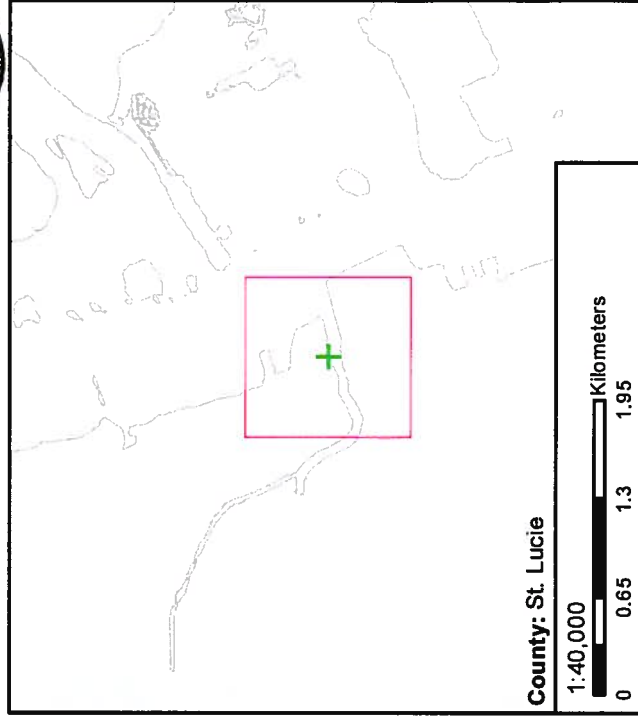


1:751,849

0 15,000 30,000 45,000 Meters

## Locality Description:

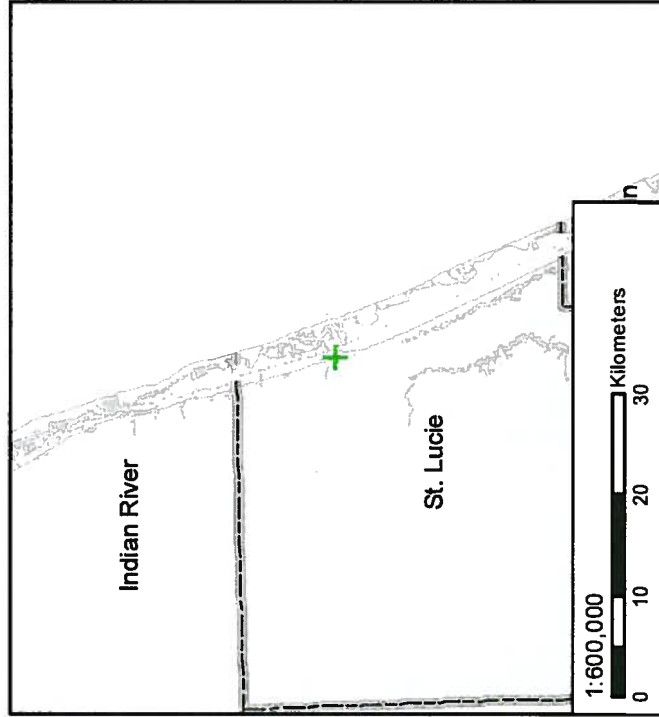
approximately 220 m SE of 1931 N Old Dixie Hwy



County: St. Lucie

1:40,000

0 0.65 1.3 1.95 Kilometers



1:600,000

0 10 20 30 Kilometers

Latitude: 27.46689°N

Longitude: -80.3289°W

## Szemer, Donna

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**From:** Bassett, Brandon  
**Sent:** Friday, April 12, 2019 8:47 AM  
**To:** Lonati, Gina; Szemer, Donna; Garrett, Andy  
**Cc:** Gordon, Nadia; Howell, Amber  
**Subject:** RE: MSTM1801 (Frappuccino, RSE1808)

I think we can think about it from the 'most probable' angle. The report says the manatee's tail was fully sideways, which sounds like a severe pneumo. From what I remember, the cold stress related pneumos never had listing that severe. I remember an LPZ animal with watercraft wounds and severe pneumo that we necropsied, and it didn't have any grossly visible lung tears or rib trauma. I think there was possibly a resolved vertebral separation that we think made a tiny hole in the lung. This could be something similar. I would be ok leaving as-is.

**From:** Lonati, Gina  
**Sent:** Thursday, April 11, 2019 3:24 PM  
**To:** Szemer, Donna <Donna.Szemer@MyFWC.com>; Garrett, Andy <Andy.Garrett@MyFWC.com>  
**Cc:** Gordon, Nadia <Nadia.Gordon@MyFWC.com>; Howell, Amber <Amber.Howell@MyFWC.com>; Bassett, Brandon <Brandon.Bassett@MyFWC.com>  
**Subject:** RE: MSTM1801 (Frappuccino, RSE1808)

I guess you could think about it this way: it was rescued because it was exhibiting watercraft strike-related symptoms, right? Same way we think about cold-stressed calves – did we rescue it because it was orphaned or because it was cold... I don't know if that helps or just further confuses us.

Cheers,  
Gina

**From:** Szemer, Donna  
**Sent:** Thursday, April 11, 2019 3:12 PM  
**To:** Garrett, Andy <Andy.Garrett@MyFWC.com>  
**Cc:** Gordon, Nadia <Nadia.Gordon@MyFWC.com>; Howell, Amber <Amber.Howell@MyFWC.com>; Lonati, Gina <Gina.Lonati@MyFWC.com>; Bassett, Brandon <Brandon.Bassett@MyFWC.com>  
**Subject:** RE: MSTM1801 (Frappuccino, RSE1808)

Sure, Andy, let's add another COR angle to the pot! ☺

I'm ok leaving as is, but will let others weigh in. I'm getting burned out thinking about these...

Unless we want to change procedure, we don't necessarily discuss these cases with the Rehab facilities unless there are discrepancies with Facility and FWC reporting of COR. --There may be others with similar findings in both categories (ref. Maya's listings).

D.

**From:** Garrett, Andy  
**Sent:** Thursday, April 11, 2019 3:01 PM  
**To:** Szemer, Donna <Donna.Szemer@MyFWC.com>  
**Cc:** Gordon, Nadia <Nadia.Gordon@MyFWC.com>; Howell, Amber <Amber.Howell@MyFWC.com>; Lonati, Gina

<[Gina.Lonati@MyFWC.com](mailto:Gina.Lonati@MyFWC.com)>; Bassett, Brandon <[Brandon.Bassett@MyFWC.com](mailto:Brandon.Bassett@MyFWC.com)>

**Subject:** RE: MSTM1801 (Frappuccino, RSE1808)

I don't know. The old skeg mark and Maya's email makes me think we should leave it as watercraft, but maybe if a definitive source couldn't be found it should be undermined.

How about a new cause: undermined; watercraft likely

**From:** Szemer, Donna

**Sent:** Thursday, April 11, 2019 1:53 PM

**To:** Garrett, Andy <[Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)>

**Cc:** Gordon, Nadia <[Nadia.Gordon@MyFWC.com](mailto:Nadia.Gordon@MyFWC.com)>; Howell, Amber <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>; Lonati, Gina <[Gina.Lonati@MyFWC.com](mailto:Gina.Lonati@MyFWC.com)>; Bassett, Brandon <[Brandon.Bassett@MyFWC.com](mailto:Brandon.Bassett@MyFWC.com)>

**Subject:** RE: MSTM1801 (Frappuccino, RSE1808)

Just found this email that mentions an old skeg mark on its back...?

**From:** Szemer, Donna

**Sent:** Thursday, April 11, 2019 1:48 PM

**To:** Garrett, Andy <[Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)>

**Cc:** Gordon, Nadia <[Nadia.Gordon@MyFWC.com](mailto:Nadia.Gordon@MyFWC.com)>; Howell, Amber <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>; Lonati, Gina <[Gina.Lonati@MyFWC.com](mailto:Gina.Lonati@MyFWC.com)>; Bassett, Brandon <[Brandon.Bassett@MyFWC.com](mailto:Brandon.Bassett@MyFWC.com)>

**Subject:** FW: MSTM1801 (Frappuccino, RSE1808)

**Importance:** High

Don't know if we want to consider changing the COR for this case, but I *had* to ask the question and open a potential BIG can of worms...

Currently listed as Watercraft (report attached). Should we change to Undetermined or leave as is?

Listing right side high, had pneumothorax, but no obvious indications of trauma (see Maya's email below).

Sounds like there is argument for both Natural or Watercraft. On these floaters, there is always the possibility of one vs the other if it is not obvious... As a rule of thumb, I believe we (FWC) usually call these watercraft if they are listing, but I think there were a couple recently that we did change to Undetermined...

What do you think?

D.

**From:** Magdalena Rodriguez <[mayadvn@msn.com](mailto:mayadvn@msn.com)>

**Sent:** Tuesday, March 05, 2019 12:54 PM

**To:** Szemer, Donna <[Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com)>

**Cc:** Howell, Amber <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>; Gordon, Nadia <[Nadia.Gordon@MyFWC.com](mailto:Nadia.Gordon@MyFWC.com)>

**Subject:** Re: MSTM1801 (Frappuccino, RSE1808)

**CAUTION:** This email originated from outside of FWC. Whether you know the sender or not, do not click links or open attachments you were not expecting.



Hi Donna, Sorry for the delay. He was xrayed but we did not see fractured ribs only free thoracic air. He had positive pressure on the left side where the healed scars were. We tapped him there and removed quite a bit of free air from the thoracic cavity and his buoyancy resolved. We do not tap abdominal. So while we can say **not** intestinal air, we may still have an unknown of if the air came from lungs that had trauma or lungs that had abscesses that allowed leaking of air. I have seen manatees (Admiral) with infrared heat from an external trauma and internal trauma (she was treated for diaphragmatic hernia) and no fractured ribs (Jasmine pneumo no rib fractures very acute boat strike). But we also have seen quite a bit of thoracic air from lung abscesses (Éclair MSTm1805 she came after Frapp). After seeing the gross pics on Éclair I would think Frapp would be undetermined because we also do not know if lung abscesses are natural (cold) or old boat trauma (because the air they breathe is not sterile so leaking lung injuries can become infected/abscessed).

To add more confusion I have left leaking lungs from a boat strike/fractured ribs alone because the animal was way too painful to tap and ate well and have seen them take 4-6 months to heal yet the ribs take only 6-12 weeks to heal. So if that manatee goes into winter with a rip in the lung and it abscesses was it the cold or the old watercraft that allowed the abscess? One more to add I have also seen intermuscular air that was difficult to tap from a boat strike no fractured ribs (Jasmine very acute boat strike). An old story is Boca passed 8 months after rescue. I called Tom Pitchford as he did the necropsy and said oh by the way she had 3 rib fractures on xray. he said Ooh we only caught two on necropsy. So it is possible to not see rib fractures that have healed well. She had kidney abscesses/renal pyo probably from kidney fracture from the original boat strike.

Maya

Sent from [Outlook](#)

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**From:** Szemer, Donna <[Donna.Szemer@MyFWC.com](mailto:Donna.Szemer@MyFWC.com)>

**Sent:** Friday, February 15, 2019 3:53 PM

**To:** Magdalena Rodriguez

**Cc:** Howell, Amber; Gordon, Nadia

**Subject:** MSTM1801 (Frappuccino, RSE1808)

Hi, Maya-

I am finalizing 2018 rescue reports and have a question about MSTM1801 (Frappuccino, RSE1808). This was the large, listing manatee from Taylor Creek rescued in January 2018 (sorry, a while ago...).

I can't remember if I already asked about this case or not. There were well-healed scars on the manatee, but no new indications of trauma. Was the determination of Watercraft, impact based on the buoyancy or was there internal trauma upon examination at Miami Seaquarium? I tried to check old emails but couldn't find any regarding this case.

Can you please check his records to see what your findings were?

Also, I was wondering what the procedure was for these cases (floaters with no recent external signs of trauma). Do you routinely X-ray them or is it dependent upon their response to treatment? I want to be sure we are not listing cases as Watercraft when they may actually be Natural (caused by GI issues).

I would appreciate any insight you could provide!

Thank you,

Donna

Fish & Wildlife Conservation Commission  
Florida Wildlife Research Institute  
100 8<sup>th</sup> Avenue SE  
St. Petersburg, Florida 33701



## Szemer, Donna

---

**From:** Howell, Amber  
**Sent:** Friday, February 15, 2019 3:22 PM  
**To:** Szemer, Donna; Gordon, Nadia  
**Subject:** Fwd: RSE1808

See below if this helps, I think we talked about this one over the phone

Sent from my FWC iPhone

Begin forwarded message:

**From:** "Lonati, Gina" <[Gina.Lonati@MyFWC.com](mailto:Gina.Lonati@MyFWC.com)>  
**Date:** July 18, 2018 at 8:22:59 AM EDT  
**To:** "Howell, Amber" <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>  
**Subject:** RE: RSE1808

Okay thanks. I added in a description of the scars. I'll chat with Donna about whether it should be impact or other...

Thanks!  
Gina

**From:** Howell, Amber  
**Sent:** Wednesday, July 18, 2018 7:49 AM  
**To:** Lonati, Gina <[Gina.Lonati@MyFWC.com](mailto:Gina.Lonati@MyFWC.com)>  
**Subject:** RE: RSE1808

I talked to Donna about this one, there were no obvious wounds that's why there is not a wound description in the rescue report that I submitted, I only noted that the animal was floating sideways and buoyant due to impact. I did not describe a wound.

There are scar photos from release that Bill took, but SE was not on the release since the manatee was originally sighted in Bill's area. Donna received the scar sketch sheet for this. Let me know if you need me to send it to you as well.

**From:** Lonati, Gina  
**Sent:** Tuesday, July 17, 2018 4:20 PM  
**To:** Howell, Amber <[Amber.Howell@MyFWC.com](mailto:Amber.Howell@MyFWC.com)>  
**Subject:** RSE1808

Do you also have wound/scar photos of RSE1808, and if so, could you please send them to me so I can verify the watercraft wound description?

Thanks!  
Gina

***Gina Lonati***  
Florida Fish and Wildlife Conservation Commission

Resc

**From:** Magdalena Rodriguez [mailto:MayaDVM@msn.com]  
**Sent:** Friday, January 12, 2018 5:57 PM  
**To:** (Group)  
**Subject:** Re: rescue alert

MSTM1801  
RSE1808

Hi, This very skinny 305 cm Ft. Pierce manatee has an old skeg mark right on top of the back that appears to be the culprit. We tapped both sides and removed about 2 hours of air on the right side and did finally get negative pressure. His blood and stomach do show some infection. After some meds and tubing he is eating.

Maya

Sent from Outlook

---

**From:** Garrett, Andy <Andy.Garrett@MyFWC.com>  
**Sent:** Thursday, January 11, 2018 4:42 PM  
**To:** (Group)  
**Subject:** RE: rescue alert

The Fort Pierce manatee has been captured and will be transported to MSQ.

**From:** Garrett, Andy  
**Sent:** Thursday, January 11, 2018 3:58 PM  
**To:** (Group)  
**Subject:** rescue alert

**Fort Pierce:**

FWC-SEFL staff are attempting a rescue of an excessively buoyant listing 10 ft manatee with a watercraft wound. The manatee was first reported on Tuesday in the Atlantic Ocean off Vero Beach swimming along the break line (see attached photo). If captured, the manatee will be transported to Miami Seaquarium.

**From:** Garrett, Andy  
**Sent:** Thursday, January 11, 2018 4:43 PM  
**To:** (Group)  
**Subject:** RE: rescue alert

The Fort Pierce manatee has been captured and will be transported to MSQ.

**From:** Garrett, Andy  
**Sent:** Thursday, January 11, 2018 3:58 PM  
**To:** (Group)  
**Subject:** rescue alert

**Fort Pierce:**

FWC-SEFL staff are attempting a rescue of an excessively buoyant listing 10 ft manatee with a watercraft wound. The manatee was first reported on Tuesday in the Atlantic Ocean off Vero Beach swimming along the break line (see attached photo). If captured, the manatee will be transported to Miami Seaquarium.

RSE1808  
MSTM1801



MSTM1801  
RSE1808





**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Manatee ID: M57M1801/R5E1808 Capture ID: \_\_\_\_\_ Data Recorder: BILL GRISH

Name: 'FRAPPUCCINO' Date: 01 MAR 2018

ID of its Calf / Mom: \_\_\_\_\_ Sex: (M) / F

**CAPTURE**

Location: \_\_\_\_\_  
Latitude: \_\_\_\_\_ N  
Longitude: \_\_\_\_\_ W  
Water Temp: \_\_\_\_\_ C F

**RELEASE**

Location: ROUND ISLAND STATE PARK  
Latitude: 27.561194 N  
Longitude: -80.3285389 W  
Water Temp: 25.5 C F

**TIMES**

Initial Pursuit: \_\_\_\_\_  
Net Set: \_\_\_\_\_  
Captured(Onboard): \_\_\_\_\_  
On Beach: \_\_\_\_\_  
Released: 1422

**EVENT:** \_\_\_\_\_ Capture \_\_\_\_\_ Rescue \_\_\_\_\_ Pre-release Assess. X Release \_\_\_\_\_ Post-release Assess. \_\_\_\_\_

Workup Site: Air Temp = 27.5 (C) F Wind: 6 mph E Cloud Cover: S (PC) MC O R

MORPHOMETRICS	Weight: (lb or kg)	Manatee + stretcher	Stretcher weight
	<u>533 kg</u>		
<b>Lengths</b>	Total Length (curvilinear) (cm)	<u>332</u>	
	Total Length (straight)	<u>306</u>	
	Snout to Peduncle	<u>219</u>	
	Snout to Anus	<u>205</u>	
	Snout to Umbilicus	<u>113</u>	
<b>Girths</b>	Girth at Peduncle: <u>(actual)</u> or 1/2	Ultrasound Loc: <u>119</u> cm	Belt Loc: _____ in
	Girth at Anus: <u>(actual)</u> or 1/2	<u>153</u>	
	Girth at Umbilicus: <u>(actual)</u> or 1/2	<u>219</u>	
	Girth at Axilla: <u>(actual)</u> or 1/2	<u>182</u>	

ULTRASOUND	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	<u>/</u>	<u>/</u>	<u>/</u>
Other: _____	<u>2</u>	<u>/</u>	<u>/</u>	<u>/</u>
	<u>3</u>	<u>/</u>	<u>/</u>	<u>/</u>

CONDITION	Body Score: <u>1</u> <u>2</u> <u>(3+)</u> <u>4</u> <u>5</u>
Health Concerns?	<u>Y / (N)</u> (If yes, describe in comments)
Peanut shaped head? <u>Y / (N)</u>	Ribs visible? <u>Y / (N)</u>
Side between anus & peduncle:	<u>(Rounded)</u> / Flat / Concave
Ventrum:	<u>(Rounded)</u> / Flat / Concave / Ventral Folds
Fresh Wounds or Lesions:	<u>Y / (N)</u> (If yes, describe in comments)
Person(s) assessing condition:	<u>DR. MAYA RODRIGUEZ</u>
Clinical Assessment Data Sheet?	<u>Y / (N)</u>

REPROD. STATUS	Pregnant? <u>Y / (N)</u> Describe: _____
	Lactating? <u>Y / (N)</u>

MONITORING	Heartrate: <u>(Stethoscope)</u> EKG Doppler None <u>Data Sheets?</u> <u>Y (N)</u>
	Temperature: Oral <u>(Naso-pharyngeal)</u> Rectal None <u>Y (N)</u>
	Respiratory Rate? <u>(Y) N</u> <u>Y (N)</u>

FREEZE BRAND	Letters/Numbers applied: _____ Applied by: _____
	Location(s): _____

Manatee ID: M5TM1801/R5E1808 Capture IDDate: 01 MAR 2018

<b>BLOOD</b>	Collect Blood? <u>Y / (N)</u>	Start Time	Flipper	# Tubes
	Drawn by:		L / R	
			L / R	
<b>SAMPLES</b>	Milk? <u>Y / (N)</u> volume: <u>      </u> ml	Refrig / Freeze		
	Urine? <u>Y / (N)</u>	Refrig / Freeze / EtOH		
	Fecal? <u>Y / (N)</u>	Freeze / EtOH		
	Skin Scraping? <u>Y / (N)</u> Location: <u>      </u>	Refrig / Freeze / EtOH / DMSO / NBF / Slide		
	Skin Biopsy? <u>Y / (N)</u> Location: <u>      </u>	Refrig / Freeze / EtOH / DMSO / NBF / Slide		
	Tail Cookie? <u>(Y) / N</u> Location: <u>      </u>	Freeze / <u>      </u> / DMSO		
	Mucosal Swab? <u>Y / (N)</u> Oral / Rectal	Refrig		
	Other? <u>Y / (N)</u> Tear Film / <u>      </u>	Freeze / <u>      </u>		
<b>PIT TAG</b>	Scanned for previous PIT tag? <u>(Y) / N</u>	PIT tagged at this capture? <u>Y / (N)</u>		
	PIT tagged by: <u>DR. MAYA RODRIGUEZ - MSQ 14 FEB 2018</u>			
	Right # <u>Entered PIT &amp; Capture 3/1/18</u>	<u>00 - 0738 - 581E</u>		
	Left # <u>3/1/18</u>	<u>00 - 072A - CAAL</u>		
<b>TELEMETRY</b>	Tag Type	Argos-GPS / PTT / VHF		
<b>TAG</b>	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. <u>      </u> MHz		
	Tag Sonic ID: FWC <u>      </u>	Freq: <u>      </u> kHz	Code: <u>      </u>	PI: <u>      </u> msec
<b>BELT</b>	ID# / Size / Color	FWC <u>      </u> Length: <u>      </u> in. Color: <u>      </u>		
	Belt Sonic ID: FWC <u>      </u>	Freq: <u>      </u> kHz	Code: <u>      </u>	PI: <u>      </u> msec
	Belt Knot / Webbing Exposed	Left / Right <u>      </u> inches		
	CR2a Programmed Release	Y / N Date/Time: <u>      </u>		
<b>LOGGERS</b>		Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		
	Logger ID Number			
	Logger Location			
<b>TETHER</b>	Strength / Joiner / Length	Strength: <u>      </u> hs / tcc	Length: <u>      </u> ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	<u>WILLIAM O. GREER</u>		
	Exposures:	<u>FWC025, 2018-03-01 - 9148 THROUGH 9188</u>		
<b>SKETCHES</b>	Sketched by:	<u>WILLIAM O. GREER</u>		

**COMMENTS**

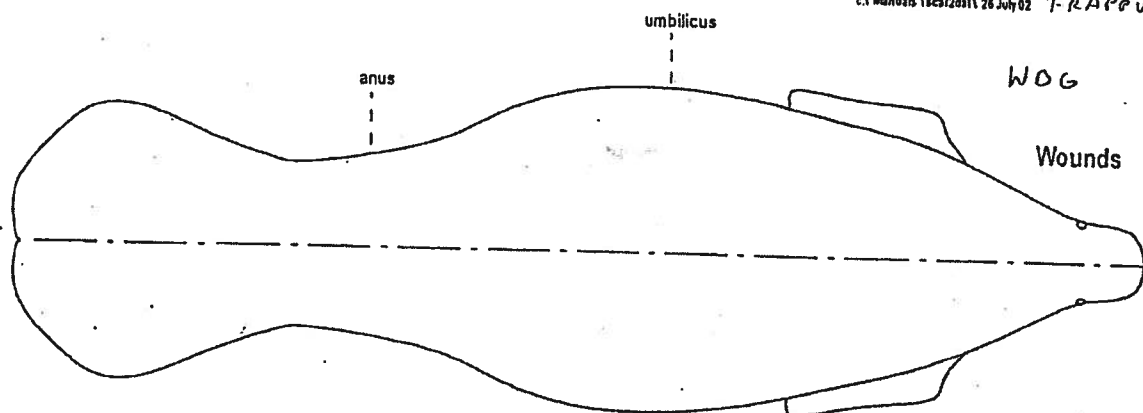
WEIGHED ON 01 MAR 2018

ENVIRONMENTAL DATA RECORDED AT 1333

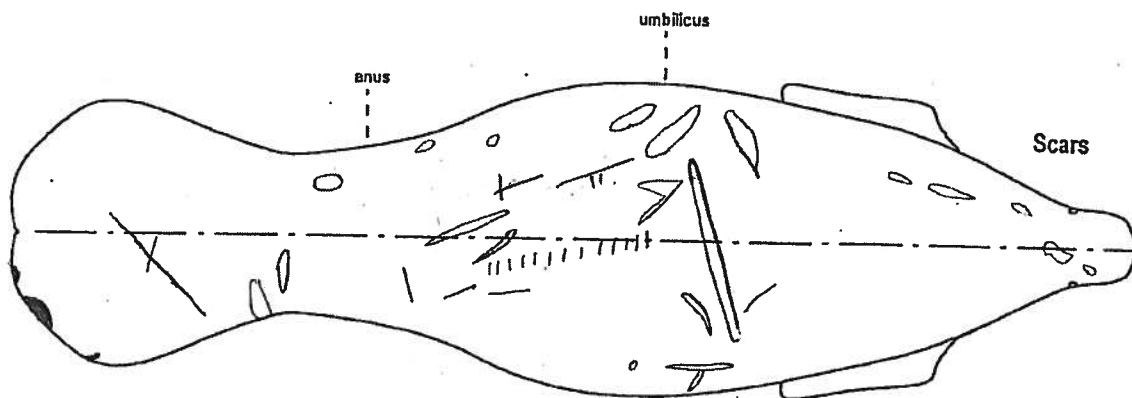
Date 01 MAR 2019

Field I.D. MSTM1301/RSE 1808

cf. Manual 1 scar/2011 26 July 02 'FRAPPUCCI, N.'



Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Length																				
Width																				
Depth																				
Distance																				



Scar Dat sh1 Sep 2002

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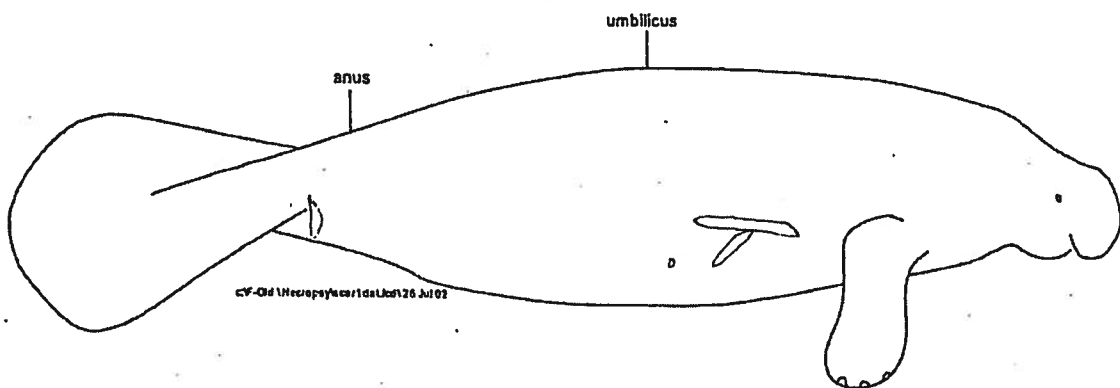
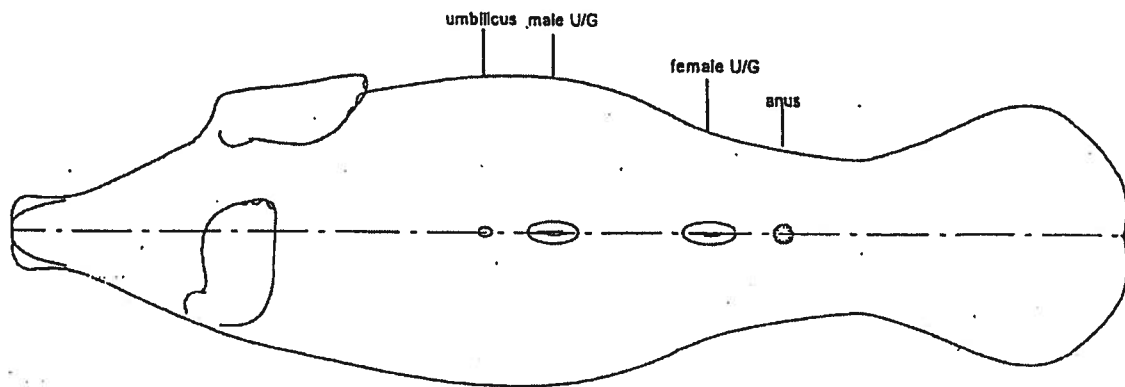
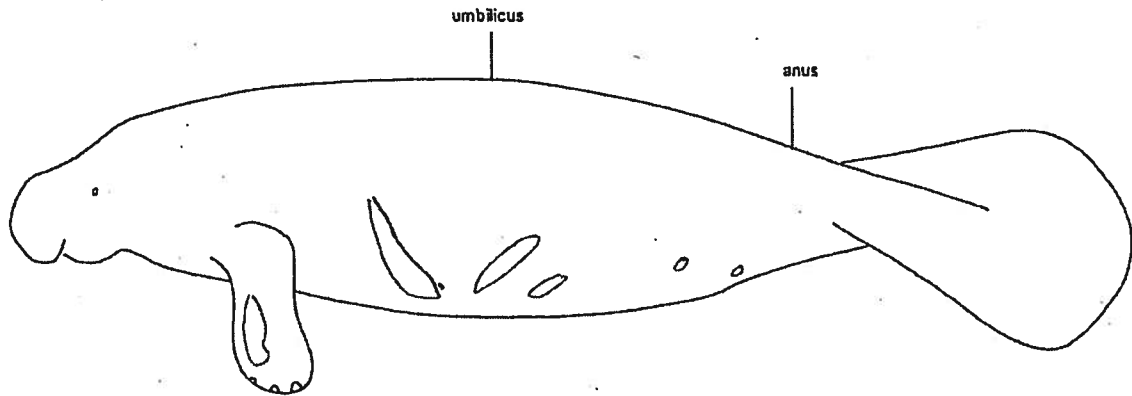
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FIELD I.D. MSTM1801/RSE1808  
'FRAPPULLINO'



c:\p-041\Hecopysa\1da\bat126 Jul02

Resc / IDH  
2/8/18 3/11/18

## Rescue Report

RSE1811

Watercraft

### GENERAL

Date of Rescue: 08 February 2018 Date of Initial Call: 07 February 2018 Filed by: A. Howell  
Rescue ID: RSE1811 Facility ID: MSTm1806 Other ID: Sugarcane  
FWC Case Number: 1148 FWC Region: SO-A  
Sex: Female Length: 222 cm Estimated: No Weight: kg Estimated: Choose an item.  
PIT Tag Present: No PIT Tag Applied: No R: L:  
State: FL County: Martin City: Indiantown Waterway: St. Lucie Canal  
Latitude (Decimal Degrees): 27.02876° N Longitude (Decimal Degrees): -80.41337° W  
Locality Description: approximately 355 m ENE of the St. Lucie Canal intake pipe daybeacon  
Method of Capture or Assistance: Boat Based: Net Set

### REASON FOR RESCUE

Check one of the following:

- ☒ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☐ Orphan ☐ Other: (Specify): \_\_\_\_\_

### Watercraft

Check all that apply:

- ☒ Penetrating Cuts ☐ Impact ☐ Other

Describe: Seven fresh, penetrating, parallel wounds extending from the right mid dorsum to the 9 o'clock position of the dorsal fluke that exposed shredded and slightly necrotic tissue and muscle; severe, pitted cold stress lesions and abscesses on the head, snout and ventral fluke

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC029_2018-02-07_0513 through 0526 FWC029_2018-02-08_0527 through 0669	



## Rescue Report

RSE1811

### HISTORY

Date	Narrative
07 February 2018	At 1712 hrs, FWC biologist-Amber Howell (ARH) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee in the St. Lucie Canal near Indiantown, Martin County. FWC case number 1148 was assigned. The complainant, Jamie (817-773-2307), stated that there was a five-foot-long manatee with two marks on its back, breathing every two to three minutes. ARH requested photos, which were received at 1718 hrs. The photos depicted a larger manatee with severe, open wounds. ARH requested LE assistance by boat due to the location and was advised that no LE officers were available on the water. ARH called the complainant back and requested a more specific location, which was received at 1726 hrs. After realizing the manatee could be viewed from land, ARH called Dispatch back to request a land unit to assist with verifying the size. ARH also decided to head to the location to assess behavior. At 1758 hrs, FWC LE Officer-Lonnie Brevik arrived on site and estimated the animal to be seven to eight feet long. ARH arrived on site at 1805 hrs and assessed and photographed the manatee. A rescue was planned for the following morning due to loss of daylight.
08 February 2018	At 0715 hrs, ARH located the manatee at the same location and organized a rescue team. The rescue team arrived at a nearby boat ramp at 0900 hrs. The manatee was in the net by 0950 hrs and on the boat by 1000 hrs. The animal was loaded into the rescue truck by 1030 hrs and taken to Miami Seaquarium, arriving by 1240 hrs.

### PARTICIPANTS

FWC SEFL: Amber Howell, Aarin Allen, Shelby Beard

FWC Interns: Rachel Kaplan, Samantha Smith

FWC Volunteers: Jim Moir, Steve le Roux, Laurie Aleixo, Cassandra Scott

#### Edited by:

GLL  
DJS  
AJG

(Rev 01/20/2017)



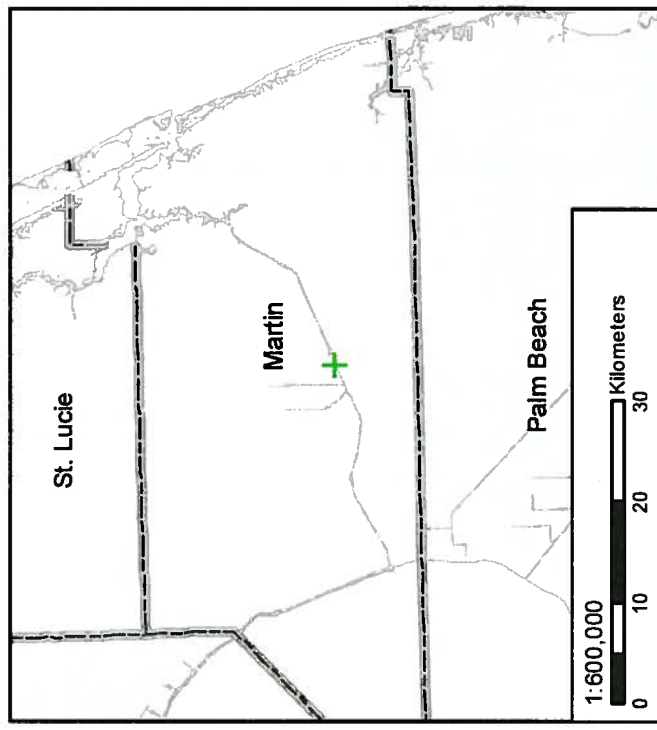
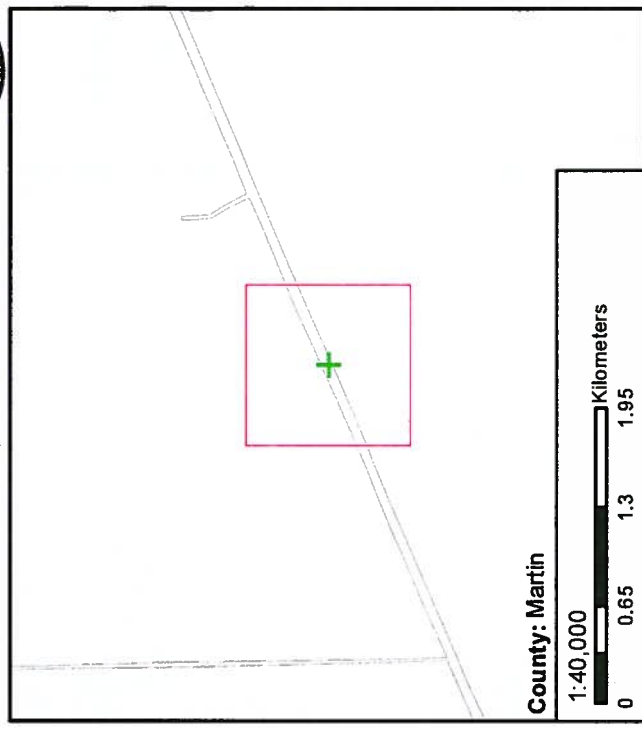
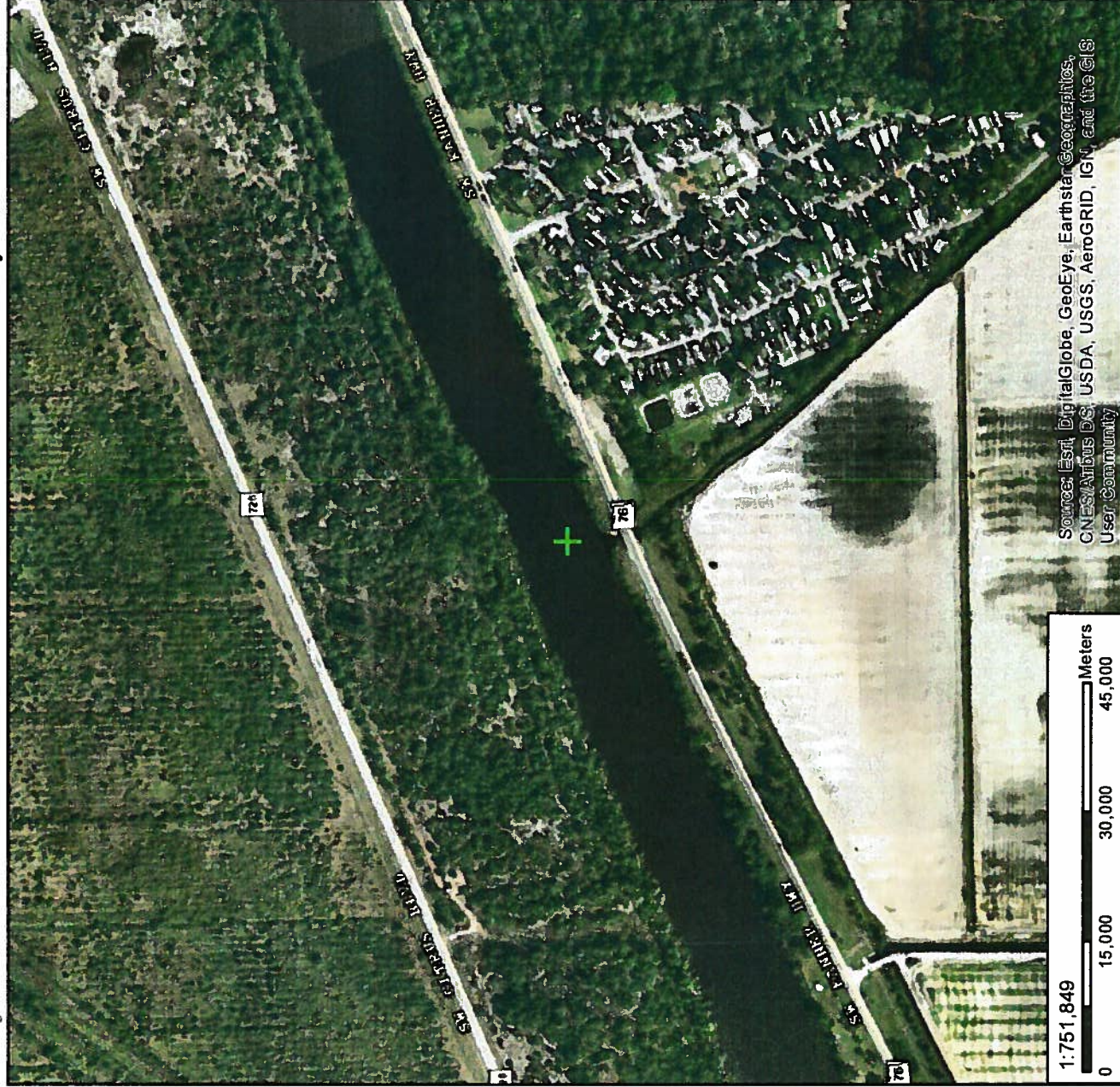
# Verified Response Location of Manatee Rescue RSE1811



Rescue Date: 2/8/2018

Facility ID: MSTm1806

Map Created 4/5/2019



## Locality Description:

approximately 355 m ENE of the St. Lucie Canal Intake pipe daybeacon

Latitude: 27.02876°N

Longitude: -80.41337°W



**From:** Garrett, Andy  
**Sent:** Thursday, February 08, 2018 10:37 AM  
**To:** (Group)  
**Subject:** RE: rescue alert

RSE1811

MSTM1806

Resc  
Watercraft

The Indiantown manatee was captured and will be transported to MSQ. The wounds are severe (see below).



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**From:** Garrett, Andy  
**Sent:** Thursday, February 08, 2018 8:30 AM  
**To:** (Group)  
**Subject:** rescue alert

**Indiantown (Martin County):**

Yesterday evening, the FWC-SEFL received a report of a manatee with deep cuts on its back. Amber was able to verify the distressed 9 ft manatee and also reported the manatee showed signs of cold stress.

The manatee was located again this morning and a rescue team is being organized. If captured, the manatee will be transported to Miami Seaquarium.



Sent from my iPhone

**From:** Magdalena Rodriguez [mailto:MayaDVM@msn.com]

**Sent:** Thursday, February 08, 2018 4:15 PM

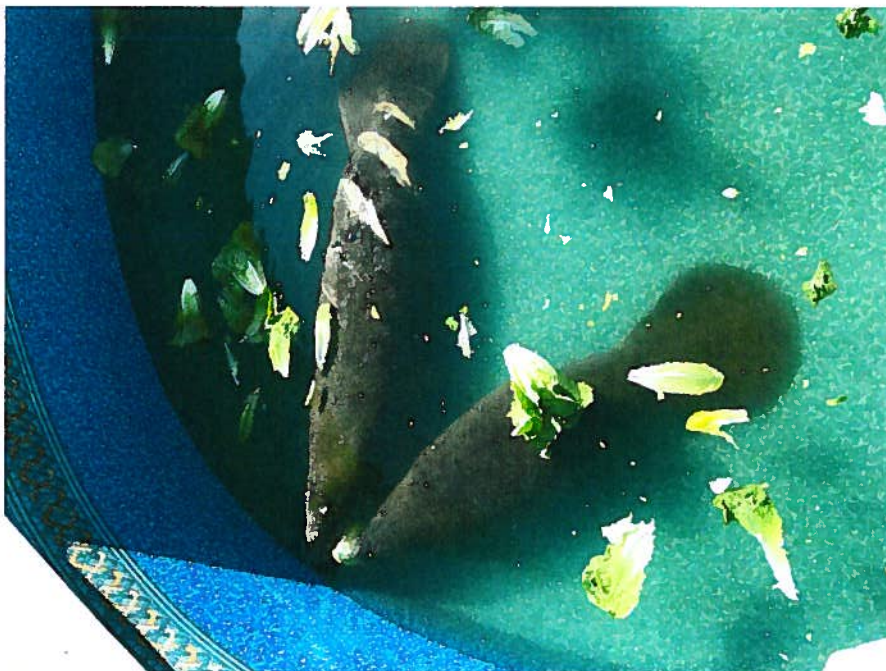
**To:** (Group)

**Subject:** Re: rescue alert

Hi, This 222 cm female's wounds do not penetrate the spinal canal nor the thoracic cavity, albeit by millimeters. The cold stress appears more chronic than the wounds and perhaps may have handicapped her to allow her to get hit by the boat (although they are pretty fast in that neck of the woods). She received IV, meds, tubing and wound care. She is with Brownee and resting for now. He is trying to share his lettuce but she is not eating for now.

Maya

Sent from [Outlook](#)



# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MSTm1806

Date of Report: 2018-Mar-11

Filed By: MMPL

FWC Case # 1148

FWC Region: SO-A

Sex: Female

Length: 218 cm

Weight: Not Taken kg

DATE REPORTED: 2018-Mar-11

By: MSQ to FWC

DATE COLLECTED: 2018-Mar-11

By: MSQ

DATE NECROPSIED: 2018-Mar-11

By: MSQ

LOCATION: State: FL

Latitude: 27.02876 N

County: Martin

Longitude: -80.41337 W

Waterway: St. Lucie Canal

Locality description: Indiantown, approximately 355 m NE of the St. Lucie Canal Intake Pipe Daybeacon.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Human Related: Watercraft Collision

EXPLAIN: Propeller; Chronic; Healing watercraft wound(s); Emaciated; Fractured rib(s); Fractured vertebra(e); Torn muscle; Blood clots; Hematoma; Empty GI tract; Necrotic muscle; Purulent fistulous tract in vertebra; Adhered lung, hemidiaphragm.

PHOTOGRAPHS TAKEN: Ventral, Lateral, Fluke, Cranial, Internal, Other (Wounds).

MATERIALS COLLECTED:

Genetics. Histology for MSQ.

DISPOSITION OF MATERIAL: FWC MMPL.

ADDITIONAL DATA:

Histology report. Rescue report. MSQ necropsy report.

REMARKS:

PIT tag scan negative. Died on 11 Mar 2018. Died at 1315 hrs. Died in facility. Cold stress lesions; Bleached epidermis; See rescue report RSE1811, "Sugarcane", rescued on 08 Feb 2018 for watercraft injuries.

Page 1&2	14 Oct 2019
Necropsy Report	14 Oct 2019
Lat/Long	14 Oct 2019



**MORPHOMETRICS:**

<b>Total length:</b>	218 cm	<b>Fluke base:</b>	58 cm	<b>Girth at axillae:</b>	117 cm
<b>Snout to anus:</b>	153 cm	<b>Fluke width:</b>	52 cm		
<b>Snout to U/G:</b>	140 cm	<b>Girth at fluke base:</b>	75 cm		
<b>Snout to umbilicus:</b>	85 cm	<b>Girth at anus:</b>	102 cm		
<b>Flipper width:</b>	13 cm	<b>Girth at umbilicus:</b>	144 cm	<b>Nail count: R:</b> 4	<b>L:</b> 4

	<b>Ventral</b>	<b>Lateral</b>		
<b>Skin Thickness:</b>	0.1 cm	0.1 cm		
<b>Outer Blubber Thickness:</b>	1.1 cm	2.3 cm	<b>Abdominal Fat Thickness:</b>	cm
<b>Inner Blubber Thickness:</b>	0.5 cm	0.2 cm	<b>Epidermis Thickness:</b>	cm

<b>Perinatal:</b>	<b>Ductus Arteriosis Diameter:</b>	cm
	<b>Left Pulmonary Artery Diameter:</b>	cm
	<b>Right Pulmonary Artery Diameter:</b>	cm

<b>Uterine Scarring Measurements:</b>		
<u>Side</u>	<u>Circumference (cm)</u>	<u>Width (cm)</u>
Right		
Right		
Left		
Left		

<b>Male Reproductive:</b>

<b>Fetus 1: Sex: Report?:</b>
<b>Length:</b>
<b>Weight:</b>
<b>Samples Taken:</b>

<b>Fetus 2: Sex: Report?:</b>
<b>Length:</b>
<b>Weight:</b>
<b>Samples Taken:</b>

<b>Brevetoxin Results:</b>		
<u>Tissue</u>	<u>Concentration</u>	<u>Units</u>
Liver		ng/g
Stomach Contents		ng/g
Kidney		ng/g
Lung		ng/g
Urine		ng/mL
<b>Other Brevetoxin Results:</b>		

Rescue / Rel  
2/15/18 4/3/18  
Watercraft

## Rescue Report

RSE1812

### GENERAL

Date of Rescue: 15 February 2018 Date of Initial Call: 15 February 2018 Filed by: A. Howell  
Rescue ID: RSE1812 Facility ID: MSTm1807 Other ID: Jawbreaker  
FWC Case Number: 1425 FWC Region: SO-A  
Sex: Male Length: 249 cm Estimated: No Weight: kg Estimated: Choose an item.  
PIT Tag Present: No PIT Tag Applied: No R: L:  
State: FL County: Palm Beach City: Jupiter Waterway: Lake Worth Creek  
Latitude (Decimal Degrees): 26.93070° N Longitude (Decimal Degrees): -80.08212° W  
Locality Description: approximately 200 m W of 318 S US Highway 1  
Method of Capture or Assistance: Boat Based: Net Set

### REASON FOR RESCUE

Check one of the following:

- ☒ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☐ Orphan ☐ Other: (Specify): \_\_\_\_\_

### Watercraft

Check all that apply:

- ☐ Penetrating Cuts ☒ Impact ☐ Other

Describe: One fresh, superficial, linear wound transverse across mid dorsum and a series of at least four small, fresh, superficial, parallel wounds along the fluke between the 8 and 10 o'clock positions; buoyancy issues

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC029_2018-02-15_0766 through 0794	

## Rescue Report

RSE1812

### HISTORY

Date	Narrative
15 February 2018	<p>At 1310 hrs, FWC intern-Rachel Kaplan received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee in Jupiter, Palm Beach County. FWC case number 1425 was assigned. The complainant, Philip (561-303-5453), did not answer his phone or return Rachel's call. At 1330 hrs, Rachel and FWC intern-Samantha Smith headed to the location to verify and assess the manatee. At 1345, the interns arrived on site and confirmed the manatee had a fresh wound and was floating abnormally. Photos and video were sent to FWC biologist-Amber Howell (ARH). ARH agreed it needed to be rescued and asked for size verification. The interns were unsure but gave a range of six to eight feet. Miami Seaquarium veterinarian-Dr. Maya Rodriguez wanted to know more information about the manatee's behavior when it was approached, so ARH headed to the location to assist with assessment. ARH arrived at 1428 hrs and had a nearby boat start its engine to see how the manatee reacted. The manatee did not react, so Dr. Rodriguez agreed it needed to be rescued. The rescue boat was launched at a nearby boat ramp by 1515 hrs and arrived at the manatee's location by 1535 hrs. Efforts by the rescue team to encourage the manatee to a better capture area void of boats and pilings was unsuccessful, so at 1600 hrs, two swimmers were deployed. The manatee moved out of the marina by 1630 hrs and was caught with the net by 1640 hrs. The manatee was on the rescue boat by 1645 hrs and loaded into the transport truck by 1720 hrs. The manatee was transported to Miami Seaquarium, arriving by 1955 hrs.</p>

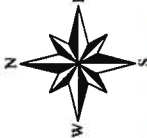
### PARTICIPANTS

FWC SEFL: Amber Howell, Aarin Allen, Shelby Beard  
FWC Interns: Rachel Kaplan, Samantha Smith  
FWC Officers: Adam Boyd, Ben Norbrothern  
FWC Volunteers: Brenden Beard, Hannah Jamison

#### Edited by:

DJS  
GLL  
AJG

(Rev- 01/20 2017)



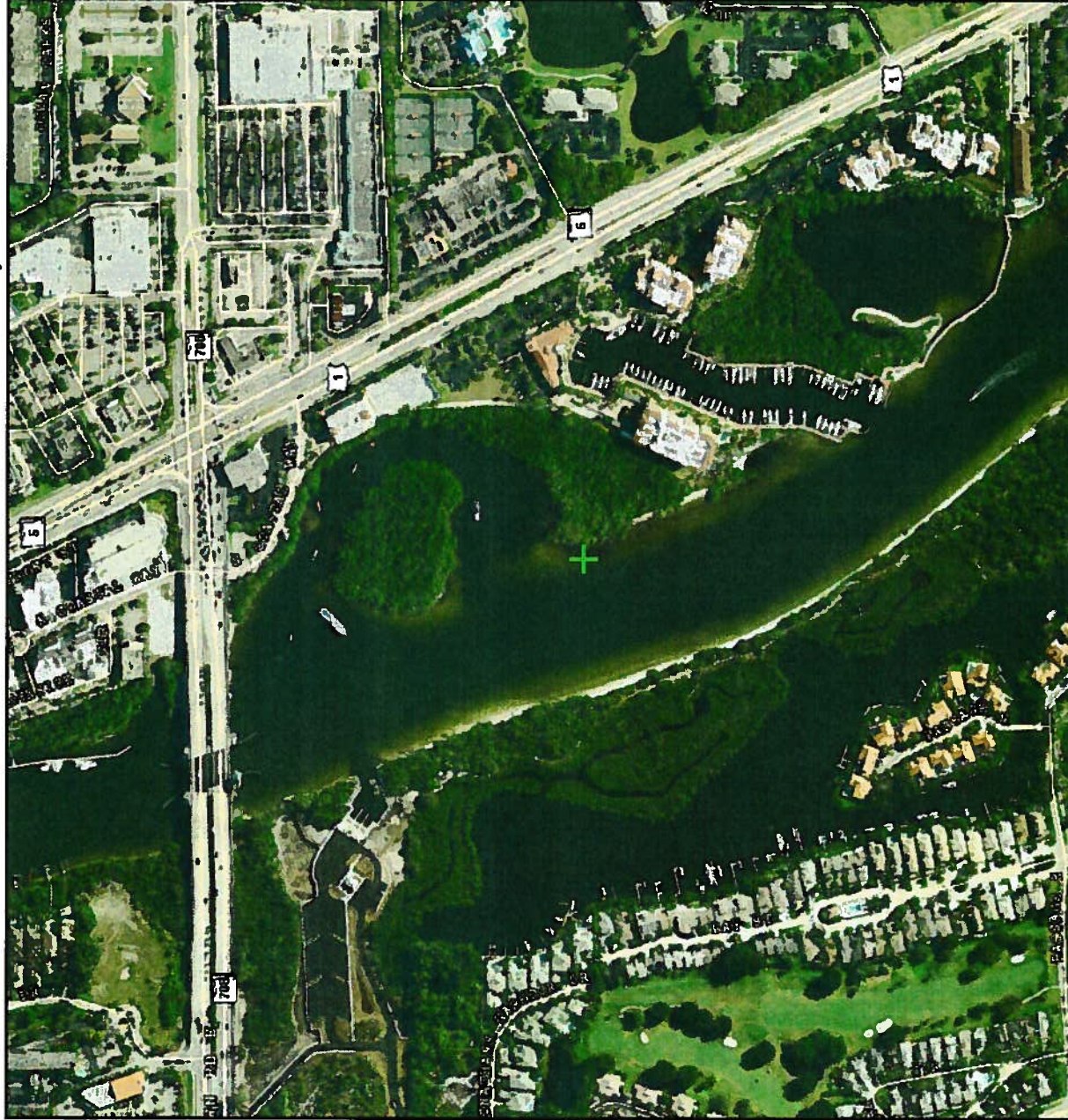
# Verified Response Location of Manatee Rescue RSE1812



Rescue Date: 2/15/2018

Facility ID: MSTm1807

Map Created 4/5/2019



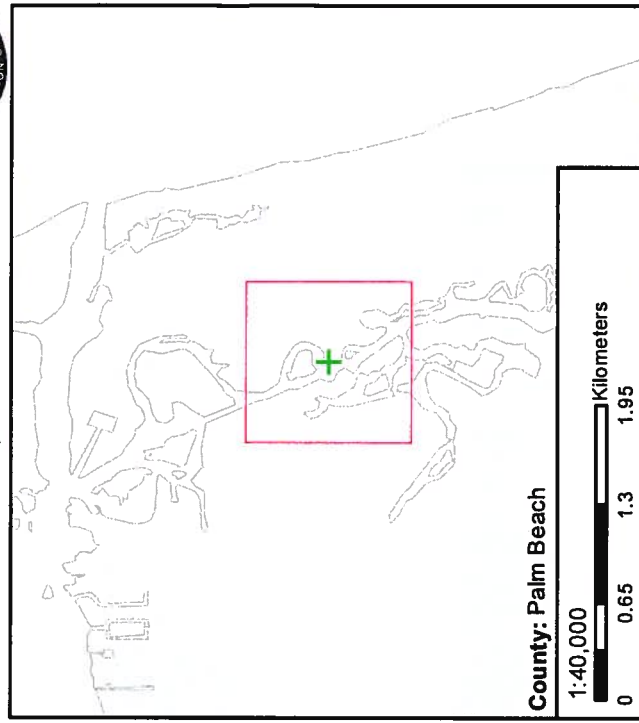
1:751,849

0 15,000 30,000 45,000 Meters

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Locality Description:

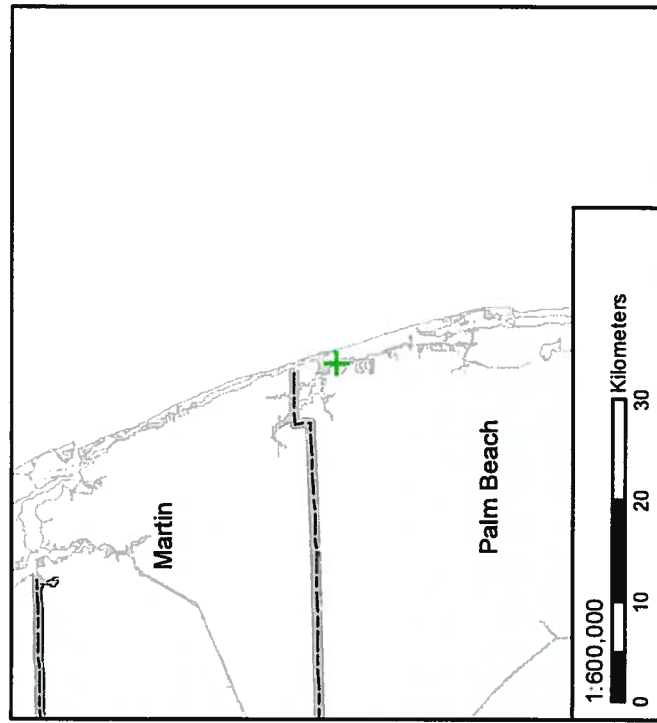
200 m W of 318 S US Highway 1



County: Palm Beach

1:40,000

0 0.65 1.3 1.95 Kilometers



1:600,000

0 10 20 30 Kilometers

Latitude: 26.9307°N

Longitude: -80.08212°W



Rece

**From:** Garrett, Andy  
**Sent:** Friday, February 16, 2018 7:49 AM  
**To:** (Group)  
**Subject:** manatee rescue updates

**Crystal River (Banana Island):**

Over the past week, FWC has received reports from local tour guides and USFWS Crystal River National Wildlife Refuge staff that two young manatees had been observed alone in Kings Bay. On Wednesday, FWC volunteers, USFWS staff, and USGS Sirenia Project staff confirmed two lone manatees near Banana Island. The manatees were reported to be approximately the same size, possibly underweight, and possibly were twins (see attached photo 1518620025360). The manatees were alert and evasive when approached. Based on their size and general body condition, a decision was made to capture them and bring them to a rehabilitation facility. Yesterday, the pair was found again near Banana Island. A capture team (FWC, USFWS, USGS) was able to encircle the pair with a net and pull them aboard a manatee capture vessel. The manatees were transported to the Port Hotel boat ramp where they were loaded into a manatee transport truck and driven to Sea World Orlando.

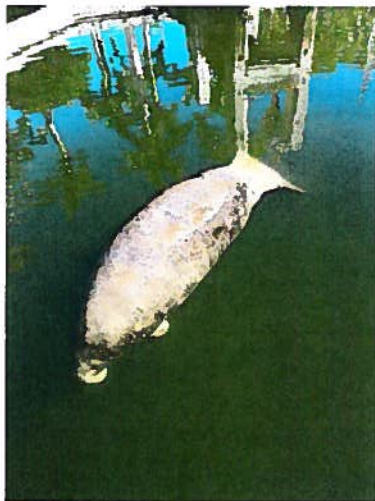
(RNW1805) SWFTm1811b, male, weighed 164 lbs and was 154 cm long.

(RNW1806) SWFTm1812b, male, weighed 200 lbs and was 161 cm long

**Jupiter:**

RSE1812 / MSTM180

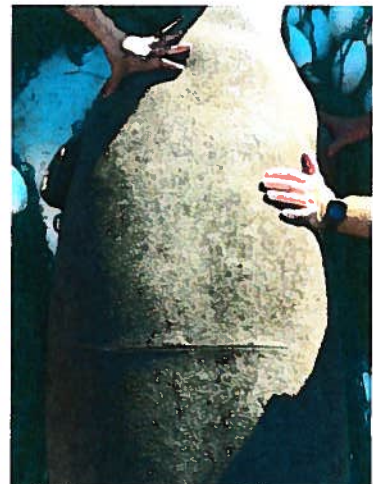
Yesterday, the FWC-SEFL responded to a report of an excessively buoyant 7-8 ft manatee floating at the surface in Jupiter. First responders reported a recent linear watercraft wound across the manatee's back. The manatee was reported as lethargic and not reactive to passing boats, and when it would react, it would dive down and pop back to the surface (attached photo IMG\_1809). The 249 cm, male, manatee was captured and transported to Miami Seaquarium (attached photos IMG\_1817 and 1821).



(IMG\_1809)



(IMG\_1817)



(IMG\_1821)



**From:** Magdalena Rodriguez [mailto:MayaDVM@msn.com]

**Sent:** Friday, February 16, 2018 1:21 PM

**To:** (Group)

**Subject:** Re: manatee rescue updates

RSE18/2

MSTM18

Hi, The 249cm male from Jupiter does have a popping area right at the linear (skeg?) mark that is usually a broken rib. He received meds last night and is moving well this morning but when he rests his paddle angles to the left or worse side of the lesion giving him a J shape, thus he could have a subluxated vertebrae. pic attached. "Jawbreaker" is not eating but is trying to latch on to "Frappuccino" (Frappie is a male but does have "man-maries").

Maya

Sent from [Outlook](#)



**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Temporary ID: \_\_\_\_\_ Time Net Set: \_\_\_\_\_  
 Manatee ID: MSTm1807 Date: 2-28-2018 Time Captured(Onboard): \_\_\_\_\_  
 Name: Jawbreaker Sex: Male Time On Beach: \_\_\_\_\_  
 ID of its Calf / Mom: \_\_\_\_\_ Latitude: \_\_\_\_\_ N Time Released: \_\_\_\_\_  
 Location: \_\_\_\_\_ Longitude: \_\_\_\_\_ W Data Recorder: \_\_\_\_\_  
 Event: ☐ Capture ☐ Rescue ☒ Pre-release Assess. ☐ Release ☐ Post-release Assess.  
 Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

<b>MORPHOMETRICS</b>	Weight: <u>600#</u> (lb or kg) <u>4-3-2018 Released</u>	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	256 cm	
	Total Length (straight)	242 cm	
	Snout to Peduncle	180 cm	
	Snout to Anus	162 cm	
	Snout to Umbilicus	113 cm	
<b>Girths</b>	Girth at Peduncle: <u>92cm actual</u>	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: <u>121cm actual</u>		
	Girth at Umbilicus: <u>169cm actual</u>		
	Girth at Axilla: <u>136cm actual</u>		

<b>ULTRASOUND</b>	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: <u>1 / 2</u>	<u>1</u>	/	/	/
Other:	<u>2</u>	/	/	/
	<u>3</u>	/	/	/

<b>CONDITION</b>	Body Score: <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> Poor Fair Good Very Good Excellent / Undetermined
	Peanut shaped head? <u>No</u> Ribs visible? <u>No</u>
	Side between anus & peduncle: <u>Rounded</u>
	Ventrum: <u>Rounded</u>
	Fresh Wounds or Lesions: <u>No</u>
	Person(s) assessing condition: <u>Dr. Maya Rodriguez</u>

<b>REPROD. STATUS</b>	Pregnant? <u>No</u>
	Lactating? <u>No</u>

<b>SAMPLES</b>	Milk sample collected? stored? <u>No</u>
	Volume of milk collected? / Teat? <u>N/A</u>
	Person collecting milk? <u>N/A</u>
	Urine? stored? <u>No</u>
	Fecal? stored? <u>No</u>
	Skin? stored? <u>No</u>
	Cookie? <u>Genetic Tube Taken</u>

<b>MONITORING</b>	Heartrate: <u>Stethoscope</u>
	Temperature: <u>Nasal</u>
	Respiratory Rate? <u>Yes</u>

Manatee ID: MSTm1807

Manatee Name: Jawbreaker

Date: 2-28-2018

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
*Pre-release bloods	1			L / R
collected	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	PIT tagged at this capture? Yes		
	PIT tagged by:	Dr. Maya Rodriguez 2-28-2018		
	Right #	00-0788-59CF		
	Left #	00-0786-D85C		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164._____ MHz		
	Tag Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____ msec
	<b>BELT</b> Number / Belt Color	FWC_____ Length: _____" Color: _____		
	Belt Sonic ID: FWC_____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	<b>TETHER</b> Strength / Length	Strength:	Length: _____ ft.	
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by:	Left, Right, Front, Rear, Paddle, Scar		
	Exposures:			
<b>SKETCHES</b>	Sketched by:			

Comments

Asst. & Rel

## Rescue Report

RSE1813

Entrapment.  
Human

### GENERAL

Date of Rescue: 01 March 2018      Date of Initial Call: 01 March 2018      Filed by: A. Howell  
Rescue ID: RSE1813      Facility ID:      Other ID:  
FWC Case Number: 1835      FWC Region: SO-A  
Sex: Male      Length: 295 cm      Estimated: No      Weight: 440 kg (via Kane equation)      Estimated: Yes  
PIT Tag Present: No      PIT Tag Applied: Yes      R:00-071D-F817      L: 00-071E-3979  
State: FL      County: Palm Beach      City: Hypoluxo      Waterway: Lake Worth Lagoon  
Latitude (Decimal Degrees): 26.55865° N      Longitude (Decimal Degrees): -80.05077° W  
Locality Description: approximately 460 m WNW of 1705 Lands End Road  
Method of Capture or Assistance: Land Based: Stretcher

### REASON FOR RESCUE

Check one of the following:

- ☐ Watercraft      ☐ Entanglement      ☒ Entrapment (Human)  
☐ Cold Stress      ☐ Red Tide      Tidally Stranded  
☐ Orphan      ☐ Other: (Specify): \_\_\_\_\_

#### All Other

Describe: Stranded in shallow water behind manmade oyster bar during extreme high tide.

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC029_2018-03-01_0946 through 0964	

### HISTORY

Date	Narrative
01 March 2018	At 1248 hrs, FWC biologist-Amber Howell (ARH) received a call from Lantana Police Chief-Jim Eddy regarding a beached manatee they were responding to in Hypoluxo, Palm Beach County. ARH requested photos of the animal and location once Chief Eddy arrived. At 1256 hrs, FWC intern-Rachel Kaplan received a text alert from FWC SO-A Dispatch- Palm Beach regarding

## Rescue Report

RSE1813

the same manatee. FWC case number 1835 was assigned. The complainant, Josie (847-489-5419), stated the manatee was completely beached and residents were trying to dig away the oyster bar to allow water in toward the manatee. When Chief Eddy arrived at 1305 hrs, he confirmed from residents that the manatee had been there since 1100 hrs. ARH asked Chief Eddy to tell residents to stop digging so FWC could perform an assessment of the manatee in case it stranded due to injury, but to keep it cool with shade and wet towels. ARH asked Rachel and FWC intern-Samantha Smith to leave Ft. Pierce and head to the location. ARH was on her way back from recovering MSE18037 and re-routed to the location as well. ARH arrived on site at 1415 hrs and the FWC interns arrived at 1455 hrs with a stretcher. The manatee was deemed healthy and releasable and was placed into a stretcher to be carried over the oyster bar. The manatee was released into deeper water by 1515 hrs.

### **PARTICIPANTS**

FWC SEFL: Amber Howell

FWC Interns: Rachel Kaplan, Samantha Smith

Lantana Police Department: Jim Eddy, Tom Dipolito

Boynton Beach Police Department: Gregg Koch, Darin Hederian

Palm Beach Environmental: Jennifer Baez

### **Edited by:**

GLL

DJS

AJG

(Rev 01/20/2017)





# Verified Response Location of Manatee Rescue RSE1813



Rescue Date: 3/1/2018

Facility ID: N/A

Map Created 4/23/2019



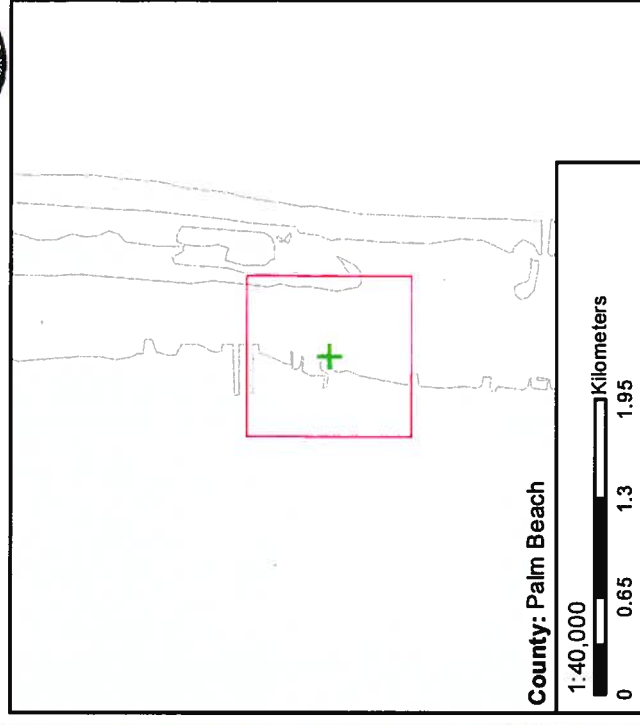
1:751,849

0 15,000 30,000 45,000 Meters

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Locality Description:

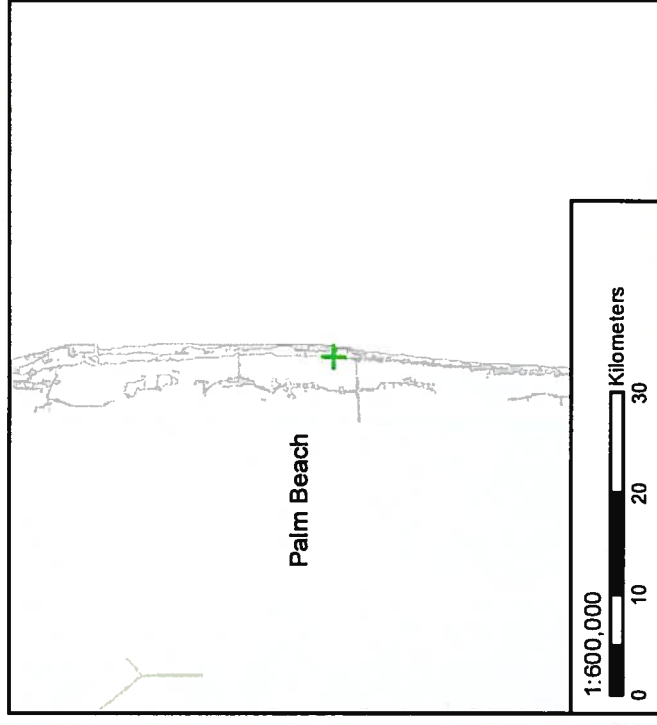
approximately 460 meters WNW of 1705 Lands End Road



County: Palm Beach

1:40,000

0 0.65 1.3 1.95 Kilometers



Palm Beach

1:600,000

0 10 20 30 Kilometers

Latitude: 26.55865°N

Longitude: -80.05077°W

Asst. & Rel

**From:** Garrett, Andy  
**Sent:** Friday, March 02, 2018 2:03 PM  
**To:** (Group)  
**Subject:** Rescue Update

Entrapment  
Human Structure.

**Hypoluxo (Palm Beach County):**

RSE1813

Yesterday afternoon, FWC-SEFL staff responded to a report of an entrapped manatee in Palm Beach County (see attached IMG 1865). The manatee was found to be in good body condition. The manatee was relocated and released.

**Punta Gorda:**

(RSW1808)

On Tuesday evening, a buoyant adult manatee with recent watercraft wounds was reported to the SWFL. On Tuesday, SWFL staff verified and monitored the manatee (see attached photos). Yesterday, a FWC rescue team capture the manatee and transported it to the MMPL. The manatee was then switched to a Clearwater Marine Aquarium truck and transported to Sea World. Unfortunately, the manatee passed away while it was being unloaded from the transport truck at Sea World.



**Florida Fish and Wildlife Conservation Commission**

**West Indian Manatee (*Trichechus manatus*)**

**(727) 896-8626**

Manatee ID: RSE1813

Temporary ID: \_\_\_\_\_  
Date: 01 March 2018

Capture Method: Stretcher  
Time Captured(Onboard): 1455

Name: \_\_\_\_\_

Sex: (M) / F

Time On Land: \_\_\_\_\_

ID of its Calf / Mom: \_\_\_\_\_

Latitude: 26.558668 N

Time Released: 1515

Location: Hypoluxo

Longitude: -80.050771 W

Data Recorder: A. HOWELL

Event: Capture Rescue ☒ Pre-release Assess. Release Post-release Assess.

Air Temp = \_\_\_\_\_ C F Water Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

MORPHOMETRICS	Weight: (lb or kg)	Manatee + stretcher	Stretcher weight
<b>Lengths</b>	Total Length (curvilinear) (cm)	<u>312</u>	
	Total Length (straight)	<u>295</u>	
	Snout to Peduncle	<u>194</u>	
	Snout to Anus	<u>180</u>	
	Snout to Umbilicus	<u>105</u>	
<b>Girths</b>	Girth at Peduncle: <u>actual</u> or ½	<u>101</u>	
	Girth at Anus: <u>actual</u> or ½	<u>159</u>	
	Girth at Umbilicus: <u>actual</u> or ½	<u>202</u>	
	Girth at Axilla: <u>actual</u> or ½	<u>148</u>	

ULTRASOUND		Reader Name:			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle	
Scanoprobe No.: 1 / 2	1	/	/	/	
Other:	2	/	/	/	
	3	/	/	/	

CONDITION	Body Score:	1	2	3	4	5	
		Poor	Fair	Good	Very Good	Excellent	/ Undetermined
	Peanut shaped head?	Y / <u>(N)</u>		Ribs visible?	Y / <u>(N)</u>		
	Side between anus & peduncle:			<u>Rounded</u>	/ Flat / Concave		
	Ventrum:			<u>Rounded</u>	/ Flat / Concave / Ventral Folds		
	Fresh Wounds or Lesions:			Y / <u>(N)</u>	(describe in comments)		
	Person(s) assessing condition:			<u>A. HOWELL</u>			

REPROD. STATUS	Pregnant? Y / N If so, describe:
	Lactating? Y / N

SAMPLES	Milk sample collected? stored? Y / N Refrig / Freeze
	Volume of milk collected? / Teat? ml / right left both
	Person collecting milk?
	Urine? stored? Y / N Refrig / Freeze
	Fecal? stored? Y / N Freeze / 5% NBF / 70% ETOH
	Skin? stored? Y / N Refrig / Freeze / DMSO
	Cookie? Y / N Location:



MONITORING	Heartrate: Stethoscope EKG Pulse-Oximeter None <u>Data Sheets?</u> Y N
	Temperature: Oral Naso-pharyngeal Rectal None Y N
	Respiratory Rate? <u>(Y)</u> N Y N



Manatee ID RSE1813

Manatee Name:

Date: 01 MARCH 2018

<b>FREEZE BRAND</b>	Letters/Numbers applied:	Applied by:		
	Location:			
<b>BLOOD</b>	Stick #	Start Time	End Time	Flipper
	1			L / R
	2			L / R
	3			L / R
	Drawn by:			
	# Tubes of Blood Collected	Blue:	Red:	Purple:
		Green:	Yellow:	Other:
<b>PIT TAG</b>	Scanned for previous PIT tag?	PIT tagged at this capture? (Y) / N		
	PIT tagged by:	A. HOWELL		
	Right #	00-071D-F817		
	Left #	00-071E-3979		
<b>FLAG</b>	Color and Symbol			
<b>TELEMETRY</b>	TAG Type	Argos-GPS / Lotek-GPS / PTT / VHF		
	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. _____ MHz		
	Tag Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	BELT Number / Belt Color	FWC _____ Color: _____		
	Belt Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Belt Knot / Webbing Exposed	Left / Right _____ inches		
	CR2a Programmed Release	Y / N Date/Time: _____		
	<b>DATA LOGGERS</b>	Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		Star-Oddi
	Logger ID Number			
	Logger Location			
	dTag ID & VHF Frequency	ID #:	148. _____ MHz	
	dTag Orientation Angles	dTag Pitch: _____ °	dTag Roll: _____ °	
	Reference Orientation Angles	Ground Pitch: _____ °	Ground Roll: _____ °	
	<b>TETHER</b> Strength / Length	Strength:	Length: ft.	
	Tether Sonic ID: FWC _____	Freq: _____ kHz	Code: _____	PI: _____ msec
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by: A. HOWELL			
	Exposures: FWC029-2018-0301-0946 through 0964			
<b>SKETCHES</b>	Sketched by: A. HOWELL			
<b>Comments</b>				
Right	 00071DF817			
Left	 00071E3979			

## Szemer, Donna

---

**From:** Howell, Amber  
**Sent:** Tuesday, March 20, 2018 12:22 PM  
**To:** Szemer, Donna  
**Subject:** FW: RSE1813

For RSE1813 if we'd like to add it to the rescue report.

-----Original Message-----

**From:** Lonati, Gina  
**Sent:** Tuesday, March 20, 2018 12:20 PM  
**To:** Howell, Amber <Amber.Howell@MyFWC.com>  
**Subject:** FW: RSE1813

fyi

-----Original Message-----

**From:** Kane Rigney [mailto:kane\_rigney@yahoo.com.au]  
**Sent:** Tuesday, March 20, 2018 8:48 AM  
**To:** Lonati, Gina <Gina.Lonati@MyFWC.com>  
**Subject:** Re: RSE1813

I calculated it as 439.5kg (970lbs).

Hope this helps and great hearing from you! Sorry it took so long, but to be honest I totally forgot about the email! :-)

> On Mar 5, 2018, at 13:10, Lonati, Gina <Gina.Lonati@MyFWC.com> wrote:  
>  
> <RSE1813 HA form.pdf>



Rescue / D4h  
3/6/18 3/30/19

## Rescue Report

RSE1814

Calf by itself

### GENERAL

Date of Rescue: 06 March 2018	Date of Initial Call: 06 March 2018	Filed by: A. Howell
Rescue ID: RSE1814	Facility ID: MSTm1808	Other ID: Skittles
FWC Case Number: N/A	FWC Region: SO-A	
Sex: Male	Length: 153 cm	Estimated: No
Weight: 65 kg	Estimated: No	
PIT Tag Present: No	PIT Tag Applied: No	R: L:
State: FL	County: Martin	City: Stuart
Waterway: Willoughby Creek		
Latitude (Decimal Degrees): 27.17192° N		Longitude (Decimal Degrees): -80.20461° W
Locality Description: Approximately 55 m NNE of 2851 SE St Lucie Boulevard		
Method of Capture or Assistance: Boat Based: Hoop Net		

### REASON FOR RESCUE

Check one of the following:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Watercraft        | <input type="checkbox"/> Entanglement            | <input type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress       | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded   |
| <input checked="" type="checkbox"/> Orphan | <input type="checkbox"/> Other: (Specify): _____ |   |

#### All Other

Describe: Small calf by itself, very thin, cold stress lesions

### VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC030_2018-03-06_8612 through 8659	

### HISTORY

Date	Narrative
06 March 2018	At 0800 hrs, FWC biologist-Amber Howell (ARH) and FWC volunteer-Jim Moir were in Willoughby Creek looking for a mom/calf pair that was sighted the day before and was in need of rescue. While searching, a lone calf was sighted at 0820 hrs. The calf was thin, floating slightly high on the right caudal aspect, and opening/closing its mouth underwater in an unusual behavior. The

## Rescue Report

RSE1814

calf had no reaction when approached by vessel. ARH organized a rescue team, which arrived at 0930 hrs. The calf was captured via hoop net by 0932 hrs and loaded into the transport truck by 0940 hrs. The manatee was transported to Miami Seaquarium, arriving by 1145 hrs.

### **PARTICIPANTS**

FWC SEFL: Amber Howell, Shelby Beard

FWC Intern: Samantha Smith

FWC Volunteer: Jim Moir

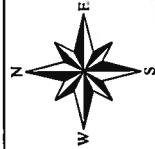
### **Edited by:**

GLL

DJS

AJG

(Rev- 01/20/2017)



# Verified Response Location of Manatee Rescue RSE1814

Rescue Date: 3/6/2018

Facility ID: MSTm1808

Map Created 4/23/2019

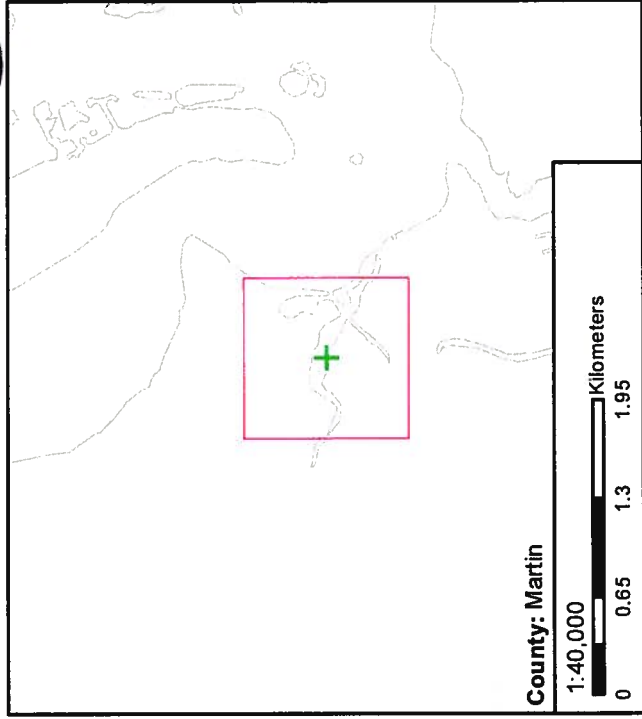


1:751,849

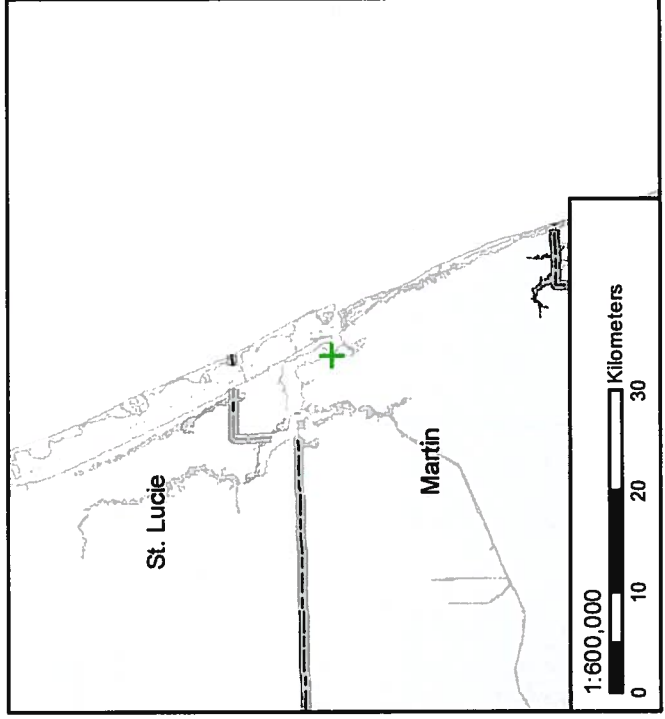


## Locality Description:

approximately 55 m NNE of 2851 SE St. Lucie Boulevard



County: Martin



1:600,000



Latitude: 27.17192°N

Longitude: -80.20461°W



Rescue

**From:** Magdalena Rodriguez [mailto:MayaDVM@msn.com]

**Sent:** Tuesday, March 06, 2018 4:37 PM

**To:** (Group)

**Subject:** Re: Rescue update

This small manatee had a muzzle twitch and an unusual open mouth behavior with a very low blood glucose average of 10 and blood shows infection. It responded so far to a bag of IV dextrose fluids and meds. His facial expressions stopped. He is in the baby pool slowly following 2 buddies but not eating yet.

Maya

Sent from [Outlook](#)



MSTM1808  
RSE1814

---

**From:** Garrett, Andy <[Andy.Garrett@MyFWC.com](mailto:Andy.Garrett@MyFWC.com)>

**Sent:** Tuesday, March 6, 2018 2:38 PM

**To:** (Group)

**Subject:** Rescue update

**Willoughby Creek:**

This morning, SEFL staff search for the mom-calf pair (reported yesterday) in Willoughby Creek. They did not find the pair, but did come across a lone small thin manatee with cold stress (see attached photo). The 153 cm male was captured and transported to Miami Seaquarium. SEFL confirmed the captured orphan was not the calf from the mom-calf pair observed yesterday.

Resc

**From:** Garrett, Andy  
**Sent:** Tuesday, March 06, 2018 2:39 PM  
**To:** (Group)  
**Subject:** Rescue update

MSTM18  
RSE1814

**Willoughby Creek:**

This morning, SEFL staff search for the mom-calf pair (reported yesterday) in Willoughby Creek. They did not find the pair, but did come across a lone small thin manatee with cold stress (see attached photo). The 153 cm male was captured and transported to Miami Seaquarium. SEFL confirmed the captured orphan was not the calf from the mom-calf pair observed yesterday.





# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MSTm1808

Date of Report: 2018-Mar-30

Filed By: MSQ

FWC Case # FWC Region: SO-A

Sex: Male Length: 153 cm Weight: 65.0 kg

DATE REPORTED: 2018-Mar-30 By: MSQ-Maya Rodriguez to FWC-ARH

DATE COLLECTED: 2018-Mar-30 By: MSQ

DATE NECROPSIED: 2018-Mar-30 By: MSQ

LOCATION: State: FL Latitude: 27.17192 N

County: Martin Longitude: -80.20461 W

Waterway: Willoughby Creek

Locality description: Stuart, approximately 55 m NE of 2851 SE ST. Lucie Blvd.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Natural: Cold Stress

EXPLAIN: Skin lesions; Emaciated; Abscess(es); Mucus in airways; Hemorrhage lung parenchyma.

PHOTOGRAPHS TAKEN: Dorsal, Ventral, Cranial, Internal.

## MATERIALS COLLECTED:

Genetics, ELISA toxicology samples. Histology for MSQ.

DISPOSITION OF MATERIAL: MSQ pending distribution.

## ADDITIONAL DATA:

Histology report. Rescue report. Live sample DA and brevetoxin results. MSQ necropsy report.

## REMARKS:

PIT tag scan negative. Died on 30 Mar 2018. Died in facility. See rescue report RSE1814, "Skittles", rescued on 06 March 2018 as an orphan calf with cold stress.

Page 1&2	14 Oct 2019
Necropsy Report	14 Oct 2019
Lat/Long	14 Oct 2019

**MORPHOMETRICS:**

Total length:	153 cm	Fluke base:	cm	Girth at axillae:	cm
Snout to anus:	cm	Fluke width:	cm		
Snout to U/G:	cm	Girth at fluke base:	cm		
Snout to umbilicus:	cm	Girth at anus:	cm		
Flipper width:	cm	Girth at umbilicus:	cm	Nail count: R: 4	L: 4

	Ventral	Lateral		
Skin Thickness:	cm	cm		
Outer Blubber Thickness:	cm	cm	Abdominal Fat Thickness:	cm
Inner Blubber Thickness:	cm	cm	Epidermis Thickness:	cm

Perinatal:	Ductus Arteriosis Diameter:	cm
	Left Pulmonary Artery Diameter:	cm
	Right Pulmonary Artery Diameter:	cm

**Uterine Scarring Measurements:**

<u>Side</u>	<u>Circumference (cm)</u>	<u>Width (cm)</u>
Right		
Right		
Left		
Left		

**Male Reproductive:****Fetus 1: Sex: Report?:**

Length:  
Weight:  
Samples Taken:

**Fetus 2: Sex: Report?:**

Length:  
Weight:  
Samples Taken:

**Brevetoxin Results:**

<u>Tissue</u>	<u>Concentration</u>	<u>Units</u>
Liver		ng/g
Stomach Contents		ng/g
Kidney		ng/g
Lung		ng/g
Urine		ng/mL

**Other Brevetoxin Results:**

# Rescue Report

RSE1815

## GENERAL

Date of Rescue: 04 April 2018 Date of Initial Call: 04 April 2018 Filed by: A. Howell  
Rescue ID: RSE1815 Facility ID: MSTm1809 Other ID: RockyRoad  
FWC Case Number: 2837 FWC Region: SO-A  
Sex: Male Length: 90 cm Estimated: No Weight: 14 kg Estimated: No  
PIT Tag Present: No PIT Tag Applied: No R: L:  
State: FL County: Martin City: Stuart Waterway: Great Pocket  
Latitude (Decimal Degrees): 27.16383° N Longitude (Decimal Degrees): -80.18063° W  
Locality Description: approximately 245 m E of 3417 SE Jamaica Lane  
Method of Capture or Assistance: Other (Other: picked up and placed in water trough)

## REASON FOR RESCUE

Check one of the following:

- ☐ Watercraft ☐ Entanglement ☐ Entrapment (Human)  
☐ Cold Stress ☐ Red Tide ☐ Tidally Stranded  
☒ Orphan ☐ Other: (Specify): \_\_\_\_\_

### All Other

Describe: Small, lone, beached manatee with lesions and a severe infestation of copepods

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC030_2018-04-04_1504 through 1537.	

## HISTORY

Date	Narrative
04 April 2018	At 1545 hrs, FWC intern-Rachel Kaplan received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee calf. FWC case number 2837 was assigned. There were two complainants, Kari (214-536-8551) and Donna (615-517-0706), who both stated a manatee calf was by itself, was repeatedly ramming its head into a piling, and had its eyes gouged out. No

## Rescue Report

RSE1815

photos were available. Rachel contacted FWC biologist-Amber Howell (ARH) to respond and obtain more information. ARH arrived on site at 1610 hrs and observed the small manatee on the beach by itself. ARH called Rachel to bring the transport truck, sat in the water, and held the manatee until Rachel arrived with the water trough. ARH looked for other manatees while waiting but did not observe any. The manatee was placed into the water trough by 1650 hrs, loaded into the transport truck by 1655 hrs, and transported to Miami Seaquarium, arriving by 1930 hrs.

**\*\*To note:** Miami Seaquarium-Dr. Rodriguez believes the calf was approximately one week old. On 28 March at 1950 hrs, the SEFL had received a report and video of a calf shortly after birth, by a resident who observed the birth in Manatee Pocket, Stuart (FWC case 2598). On 29 March at 1745 hrs, the SEFL had a report of a small calf by itself in Manatee Pocket, Stuart (FWC case 2629). The complainant had observed the birth the previous day, had seen the adult leave the calf earlier that day, and was concerned because the adult had not come back for it. SEFL responded, but the complainant lost sight of the calf 10 minutes before staff arrived. SEFL staff searched the area that night and the next day but did not locate the calf. It is possible this was the same calf as RSE1815, and the adult was coming and going before fully abandoning it.

### PARTICIPANTS

FWC SEFL: Amber Howell  
FWC Intern: Rachel Kaplan

### Edited by:

GLL  
DJS  
AJG

(Rev. 01/20/2017)



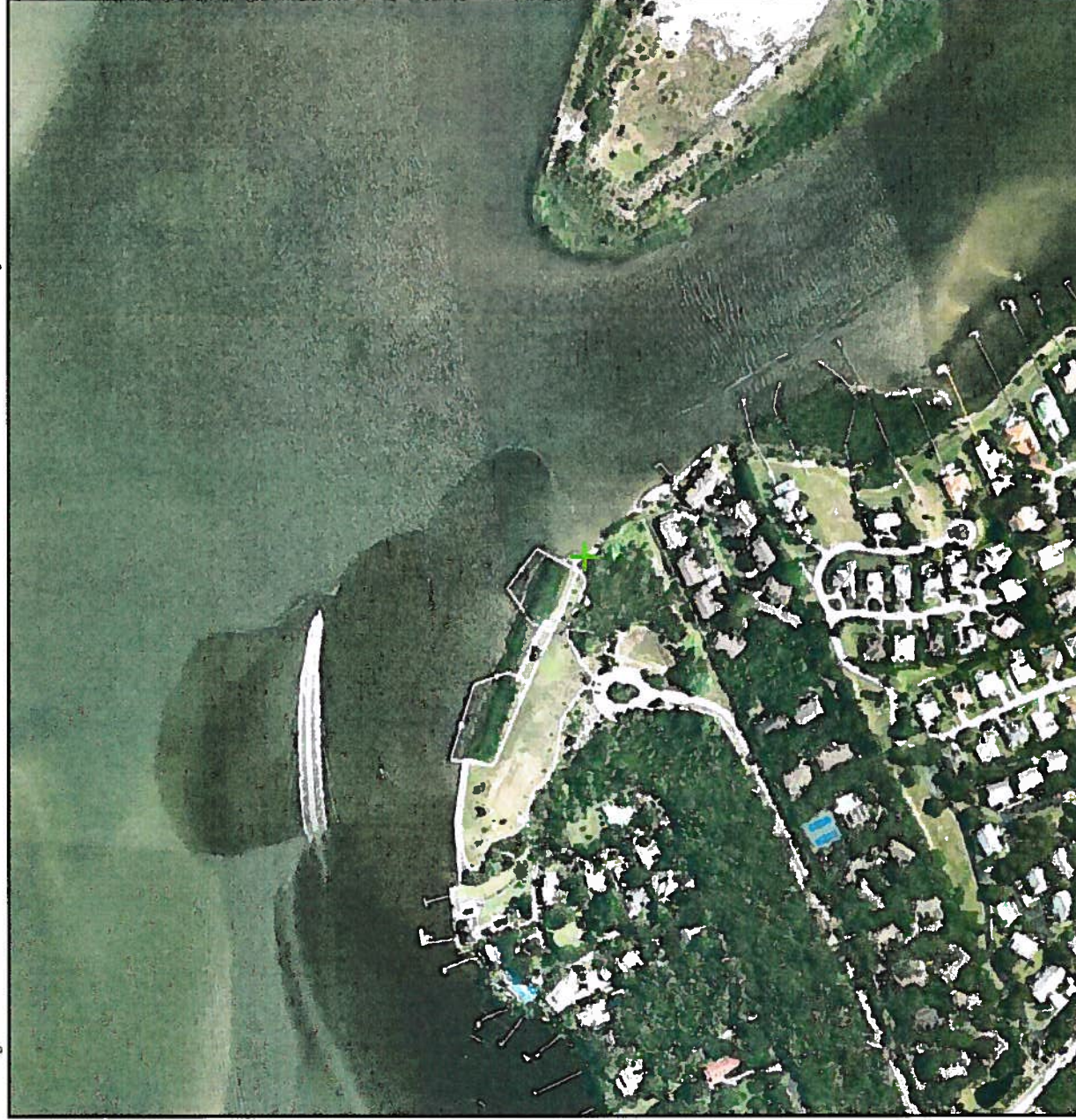


# Verified Response Location of Manatee Rescue RSE1815

Rescue Date: 4/4/2018

Facility ID: MSTm1809

Map Created 10/7/2019



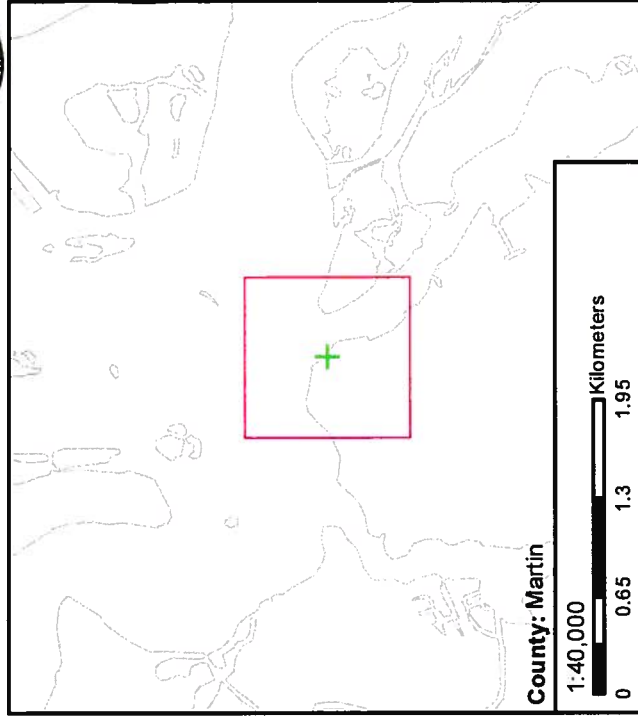
1:751,849

0 15,000 30,000 45,000 Meters

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Locality Description:

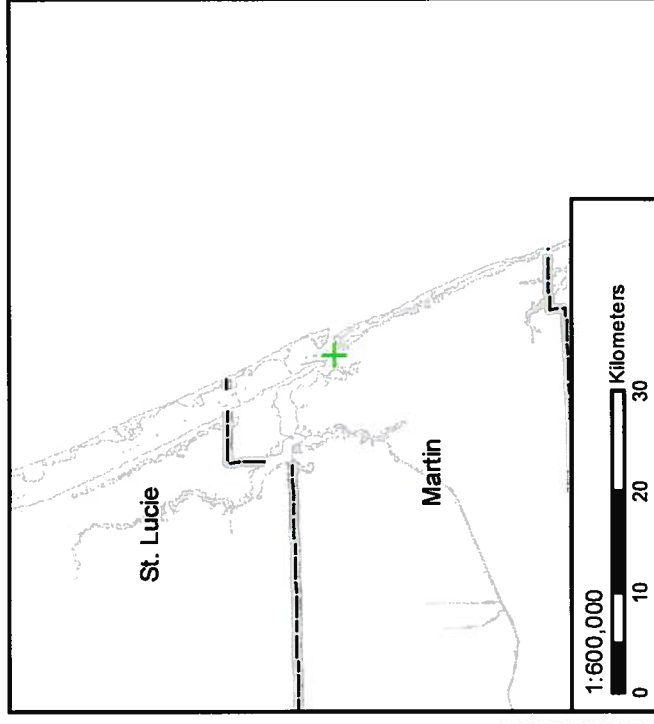
approximately 245 m E of 3417 SE Jamaica Lane



County: Martin

1:40,000

0 0.65 1.3 1.95 Kilometers



St. Lucie

Martin

1:600,000

0 10 20 30 Kilometers

Latitude: 27.16383°N

Longitude: -80.18063°W



**From:** Howell, Amber  
**Sent:** Thursday, April 05, 2018 9:31 AM  
**To:** (Group)  
**Subject:** Rescue Alert

*Resc / Dth  
5/10/18*

*Calf by itself*

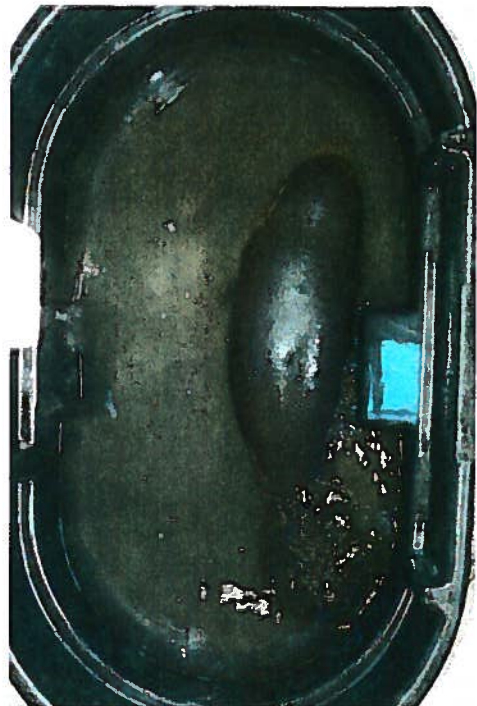
**Stuart**

Yesterday afternoon, staff from the FWC-SEFL responded to a report of a 3 ft manatee alone at Twin Rivers Park. When staff arrived, the manatee had beached itself. No adults were observed. The male calf was 90cm and weighed 30 lbs. There were lesions and a heavy infestation of copepods observed. The manatee was transported to Miami Seaquarium.

Amber Howell  
Research Associate – Marine Mammals  
Florida Fish and Wildlife Conservation Commission  
Marine Mammal Section  
19100 SE Federal Highway, Tequesta, FL 33469  
561-398-5914  
Wildlife Alert Hotline: 1-888-404-3922

*"Rocky Road"*

*RSE 1815  
MSTM 1809*



**From:** Magdalena Rodriguez [mailto:MayaDVM@msn.com]

**Sent:** Friday, April 06, 2018 1:52 PM

**To:** (Group)

**Subject:** Re: Rescue Alert

This itty bitty perinatal male orphan 30#, 90cm length from Rocky point in Stuart showed to be very dehydrated and blood shows infection. He is being a trooper and taking small slurps on the bottle throughout and is better hydrated. He did not have any meconium "newborn" feces but instead very watery fecals. Rockyroad is moving quite well for such a tiny thing.

Maya

Sent from [Outlook](#)



RSE1815  
MSTM1809



# Report of a Dead Manatee

Florida Fish and Wildlife Conservation Commission  
Fish and Wildlife Research Institute  
Marine Mammal Pathobiology Laboratory  
3700 54th Avenue South St. Petersburg, FL 33711 (727) 893-2904

Field ID #: MSTm1809  
Date of Report: 2018-May-11  
Filed By: MSQ

FWC Case # 2837

FWC Region: SO-A

Sex: Male

Length: 93 cm

Weight: 14.7 kg

DATE REPORTED: 2018-May-11

By: MSQ to FWC-ARH

DATE COLLECTED: 2018-May-10

By: MSQ

DATE NECROPSIED: 2018-May-10

By: MSQ

LOCATION: State: FL

Latitude: 27.16383 N

County: Martin

Longitude: -80.18063 W

Waterway: Great Pocket

Locality description: Stuart, approximately 245 m ENE of 3417 SE Jamaica Lane.

CONDITION: Fresh

PROBABLE CAUSE OF DEATH: Perinatal (<= 150 cm)

EXPLAIN: Undetermined; Other; Fetal folds; Healing skin lesions; Peanut-shaped head; Hemorrhage in brain.

PHOTOGRAPHS TAKEN: Other (Miami Seaquarium photographs).

## MATERIALS COLLECTED:

Genetics, Archive toxicology samples, Histology.

DISPOSITION OF MATERIAL: MSQ pending distribution.

## ADDITIONAL DATA:

Histology report. Rescue report. MSQ necropsy report.

## REMARKS:

PIT tag scan negative. Died on 10 May 2018. Died at 1230 hrs. Died in facility. See rescue report RSE1815, "Rocky Road", rescued on 04 April 2018 as an orphan calf.

Page 1&2	04 Feb 2020
Necropsy Report	04 Feb 2020
Lat/Long	04 Feb 2020

Field ID #: MSTm1809

**MORPHOMETRICS:**

Total length:	93 cm	Fluke base:	26 cm	Girth at axillae:	53 cm
Snout to anus:	64 cm	Fluke width:	22 cm		
Snout to U/G:	42 cm	Girth at fluke base:	34 cm		
Snout to umbilicus:	37 cm	Girth at anus:	40 cm		
Flipper width:	7 cm	Girth at umbilicus:	64 cm	Nail count: R: 3	L: 3

	Ventral	Lateral		
Skin Thickness:	0.5 cm	1 cm		
Outer Blubber Thickness:	0.5 cm	0.4 cm	Abdominal Fat Thickness:	cm
Inner Blubber Thickness:	0.1 cm	0.1 cm	Epidermis Thickness:	0.1 cm

Perinatal:	Ductus Arteriosus Diameter:	cm
	Left Pulmonary Artery Diameter:	cm
	Right Pulmonary Artery Diameter:	cm

Uterine Scarring Measurements:		
Side	Circumference (cm)	Width (cm)
Right		
Right		
Left		
Left		

Male Reproductive:

Fetus 1: Sex: Report?:
Length:
Weight:
Samples Taken:

Brevetoxin Results:		
Tissue	Concentration	Units
Liver		ng/g
Stomach Contents		ng/g
Kidney		ng/g
Lung		ng/g
Urine		ng/mL
Other Brevetoxin Results:		

Fetus 2: Sex: Report?:
Length:
Weight:
Samples Taken:

# Rescue Report

RSE1818

## GENERAL

Date of Rescue: 11 July 2018	Date of Initial Call: 11 July 2018	Filed by: A. Howell		
Rescue ID: RSE1818	Facility ID:	Other ID:		
FWC Case Number: 6398	FWC Region: SO-A			
Sex: Male	Length: 312 cm	Estimated: No	Weight: 550 kg	Estimated: Yes <span style="color: blue;">Using Rigney Equation</span>
PIT Tag Present: No	PIT Tag Applied: Yes	R:00-07AC-39A1	L: 00-071E-52F5	
State: FL	County: Palm Beach	City: Boynton Beach	Waterway: Lake Worth	
Latitude (Decimal Degrees): 26.54621° N		Longitude (Decimal Degrees): -80.04477° W		
Locality Description: approximately 125 m W of 4020 S Ocean Boulevard				
Method of Capture or Assistance: Land Based: Stretcher				

## REASON FOR RESCUE

Check one of the following:

- |                                      |  |  |
|--------------------------------------|--|--|
| <input type="checkbox"/> Watercraft  | <input type="checkbox"/> Entanglement            | <input checked="" type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded              |
| <input type="checkbox"/> Orphan      | <input type="checkbox"/> Other: (Specify): _____ |  |

### Entrapment-Human Related

Describe: Manatee was trapped behind a manmade rock wall.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	FWC030_2018-07-11_2162 through 2206	

## HISTORY

Date	Narrative
11 July 2018	At 1307 hrs, FWC biologist-Shelby Beard (SLB) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a live beached manatee in Boynton Beach, Palm Beach County. FWC case number 6398 was assigned. The complainant, Clayton (561-777-9504), was concerned about the manatee being



in shallow water and trapped behind a rock wall on Beercan Island. SLB requested photos, which were received at 1310 hrs. FWC biologist-Amber Howell (ARH) contacted Boynton Beach Police Department-Officer Darin Hederian to see if he could respond. Officer Hederian arrived at 1340 hrs and confirmed there was no way for the manatee to get out. At 1500 hrs, a rescue team of FWC SEFL and Palm Beach County Environmental Resource Management personnel arrived at the manatee, which was in shallow water. The area was evaluated, then morphometrics and photographs were taken and PIT tags inserted while the manatee was still in shallow water. To release the manatee, foam pads were placed over a low section of the wall and, with the help of citizens, the manatee was pulled over the rocks and into deeper water by 1600 hrs.

**PARTICIPANTS**

FWC SEFL: Amber Howell, Shelby Beard, Samantha Smith

FWC Intern: Drew Martin

FWC Volunteers: Joe Land, Tyler Barnes

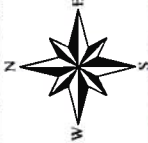
Palm Beach County Environmental Resource Management: Mayra Ashton, Sumer Chapman, Tori Hanley, Samantha Hovde

Boynton Beach Police Department: Officer Darin Hederian  
Citizens

**Edited by:**

NJG  
GLL  
DJS  
AJG

(Rev 01/20/2017)

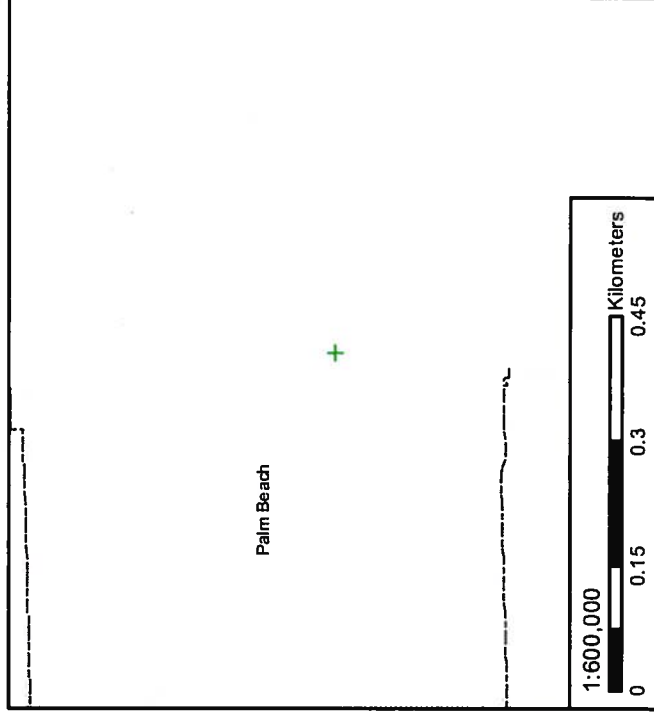
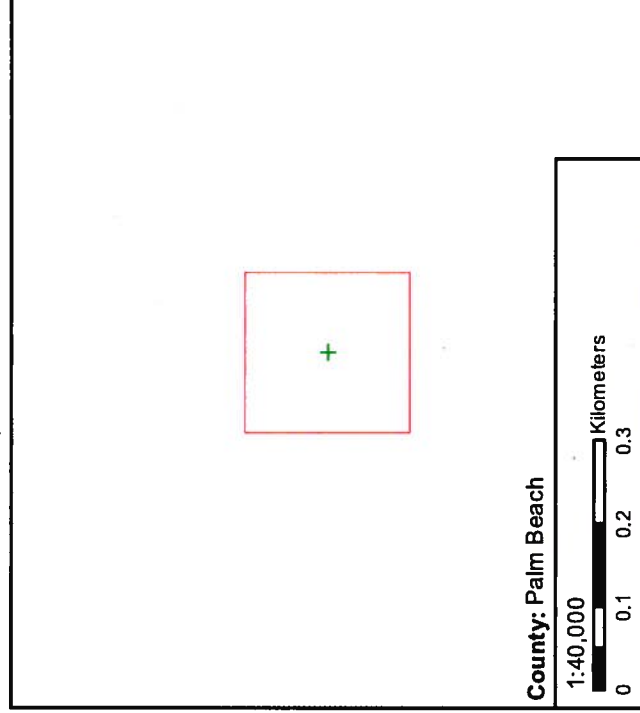


# Verified Response Location of Manatee Rescue RSE1818

Rescue Date: 7/11/2018

Facility ID: N/A

Map Created 9/16/2020



## Locality Description:

approximately 125 m W of 4020 S Ocean Boulevard

Latitude: 26.54621°N

Longitude: -80.04477°W

Asst. & Rel

**From:** Garrett, Andy  
**Sent:** Wednesday, July 11, 2018 4:12 PM  
**To:** (Group)  
**Subject:** RE: rescue alert

Entrapment  
human

Rescuers located a low section of the boulder wall (1 ft high) and were able to lay foam pads on the rocks and pull the manatee over the barrier. The 312 cm male swam free just minutes ago.

**From:** Garrett, Andy  
**Sent:** Wednesday, July 11, 2018 4:04 PM  
**To:** (Group)  
**Subject:** rescue alert

RSE1818

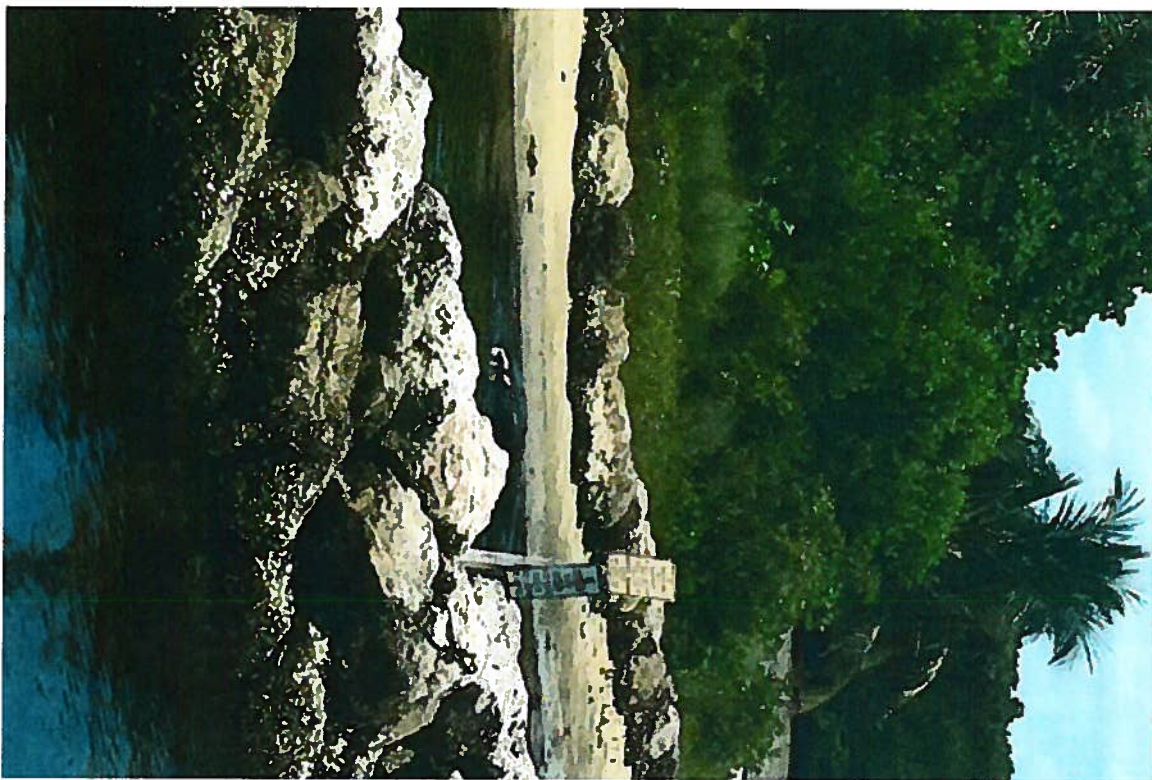
**Boynton Beach:**

FWC LE, SEFL staff and volunteers responded to a report of a 10 ft entrapped manatee in Boynton Beach (map below- yellow circle). The manatee is stuck in a shallow pool behind a large boulder wall (see attached photo). The tide is out and is expected to be 3 ft higher at 9 pm. Rescuers may attempt to move the manatee to the small lagoon just to the left of the oval circle in the map below. The lagoon entrance is enclosed with pilings that are approximately 2 ft apart and may be space far enough apart that the manatee can swim through on a higher tide.



Sent from my iPhone





RSE1818

Florida Fish and Wildlife Conservation Commission

West Indian Manatee (*Trichechus manatus*)

(727) 896-8626

Manatee ID: RSE1818

Capture ID: \_\_\_\_\_

Data Recorder: A. Howell

Name: \_\_\_\_\_

Date: 11 JUL 2018

ID of its Calf / Mom: \_\_\_\_\_

Sex: (M) / F

**CAPTURE**

Location: Beerman Island

Latitude: 26.546208 N

Longitude: -80.044764 W

Water Temp: \_\_\_\_\_ C F

**RELEASE**

Location: Beerman Island

Latitude: 26.546461 N

Longitude: -80.044693 W

Water Temp: \_\_\_\_\_ C F

**TIMES**

Initial Pursuit: 1520

Net Set: \_\_\_\_\_

Captured(Onboard): \_\_\_\_\_

On Beach: \_\_\_\_\_

Released: 1600

EVENT: \_\_\_\_\_ Capture X Rescue \_\_\_\_\_ Pre-release Assess. \_\_\_\_\_ Release \_\_\_\_\_ Post-release Assess. \_\_\_\_\_

Workup Site: Air Temp = \_\_\_\_\_ C F Wind: \_\_\_\_\_ mph Cloud Cover: S PC MC O R

MORPHOMETRICS	Weight: (lb or kg)	Manatee + stretcher	Stretcher weight
	<u>NT</u>		
Lengths	Total Length (curvilinear) (cm)	<u>330</u>	
	Total Length (straight)	<u>312</u>	
	Snout to Peduncle	<u>229</u>	
	Snout to Anus	<u>209</u>	
	Snout to Umbilicus	<u>110</u>	
Girths	Girth at Peduncle: <u>actual</u> or 1/2 <u>108</u>	Ultrasound Loc: _____ cm	Belt Loc: _____ in
	Girth at Anus: <u>actual</u> or 1/2 _____	<u>136</u>	
	Girth at Umbilicus: <u>actual</u> or 1/2 _____	<u>219</u>	
	Girth at Axilla: <u>actual</u> or 1/2 _____	<u>195</u>	

ULTRASOUND	Reader Name: _____			
Machine Model	Replicate No.	Umbilicus	Anus	Peduncle
Scanoprobe No.: 1 / 2	1	/	/	/
Other: <u>Not Taken</u>	2	/	/	/
	3	/	/	/

CONDITION	Body Score: 1 2 3 <u>4</u> 5
Health Concerns?	Y / <u>N</u> (If yes, describe in comments)
Peanut shaped head? Y <u>N</u>	Ribs visible? Y <u>N</u>
Side between anus & peduncle:	<u>Rounded</u> / Flat / Concave
Ventrum:	<u>Rounded</u> / Flat / Concave / Ventral Folds
Fresh Wounds or Lesions:	<u>Y</u> / N (If yes, describe in comments)
Person(s) assessing condition:	<u>A. Howell</u>
Clinical Assessment Data Sheet?	Y / <u>N</u>

REPROD. STATUS	Pregnant? Y / N Describe: _____
	Lactating? _____ Y / N

MONITORING	Heartrate: Stethoscope EKG Doppler <u>(None)</u> Data Sheets? Y <u>(N)</u>
	Temperature: Oral Naso-pharyngeal Rectal <u>(None)</u> Y <u>(N)</u>
	Respiratory Rate? <u>(Y)</u> N Y <u>(N)</u>

FREEZE BRAND	Letters/Numbers applied: _____ Applied by: _____
	Location(s): _____





Manatee ID:

RSE1818

Capture ID

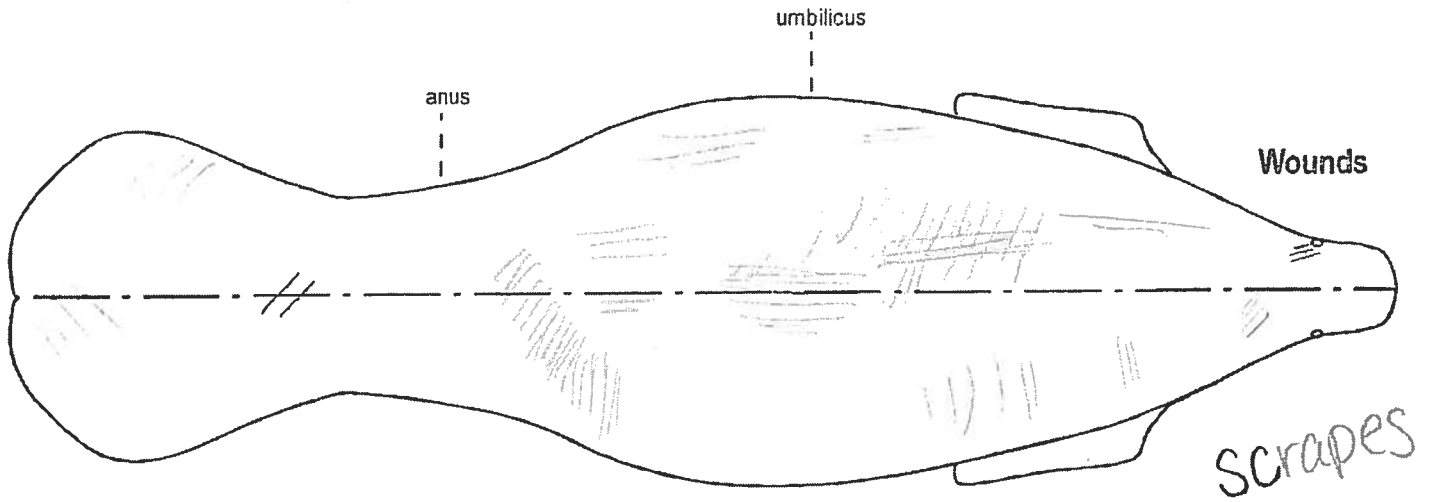
Date: 11 JUL 2018

<b>BLOOD</b>	Collect Blood? <input checked="" type="radio"/> Y / <input type="radio"/> N	Start Time	Flipper	# Tubes
	Drawn by:		L / R	
			L / R	
<b>SAMPLES</b>	Milk? <input checked="" type="radio"/> Y / <input type="radio"/> N volume: ml	Refrig / Freeze		
	Urine? <input checked="" type="radio"/> Y / <input type="radio"/> N	Refrig / Freeze / EtOH		
	Fecal? <input checked="" type="radio"/> Y / <input type="radio"/> N	Freeze / EtOH		
	Skin Scraping? <input checked="" type="radio"/> Y / <input type="radio"/> N Location:	Refrig / Freeze / EtOH / DMSO / NBF / Slide		
	Skin Biopsy? <input checked="" type="radio"/> Y / <input type="radio"/> N Location:	Refrig / Freeze / EtOH / DMSO / NBF / Slide		
	Tail Cookie? <input checked="" type="radio"/> Y / <input type="radio"/> N Location:	Freeze / / DMSO		
	Mucosal Swab? <input checked="" type="radio"/> Y / <input type="radio"/> N Oral / Rectal	Refrig		
	Other? <input checked="" type="radio"/> Y / <input type="radio"/> N Tear Film /	Freeze /		
<b>PIT TAG</b>	Scanned for previous PIT tag? <input checked="" type="radio"/> Y / <input type="radio"/> N	PIT tagged at this capture? <input checked="" type="radio"/> Y / <input type="radio"/> N		
 0007AC39A1	PIT tagged by:	Amber Howell		
 00071E52F5	Right #	00-07BC-39A1		
	Left #	00-071E-52E5		
<b>TELEMETRY</b>	Tag Type	Argos-GPS / PTT / VHF		
<b>TAG</b>	Tag ID#			
	Tag / Antenna Color(s)	Tag:	Antenna:	
	VHF Frequency	164. MHz		
	Tag Sonic ID: FWC	Freq: kHz	Code:	PI: msec
<b>BELT</b>	ID# / Size / Color	FWC Length: in. Color:		
	Belt Sonic ID: FWC	Freq: kHz	Code:	PI: msec
	Belt Knot / Webbing Exposed	Left / Right inches		
	CR2a Programmed Release	Y / N Date/Time:		
<b>LOGGERS</b>		Tidbit (Temp.)	TDR (Depth)	Salinity
	Manufacturer	Onset		
	Logger ID Number			
	Logger Location			
<b>TETHER</b>	Strength / Joiner / Length	Strength:	hs / tcc	Length: ft.
	Tagged by:			
<b>PHOTOGRAPHS</b>	Taken by: S. Beard			
	Exposures: FWC030-2018-07-11-2102 through 2206			
<b>SKETCHES</b>	Sketched by: A. Howell			
<b>COMMENTS</b>	<ul style="list-style-type: none"> <li>- Assisted and Released</li> <li>- PIT needles collected for genetics</li> <li>- Had numerous superficial scrapes on lateral and dorsal aspects</li> </ul>			

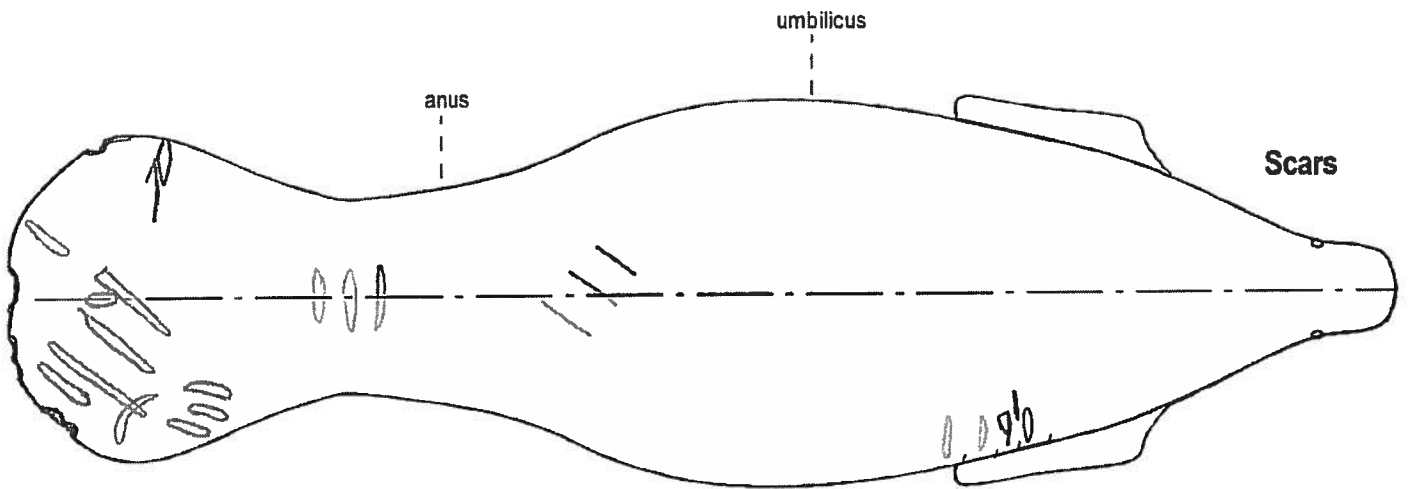
Date 11 JUL 2018

Field I.D. RSE1818

c:\Manuals\scar2dat\ 26 July 02



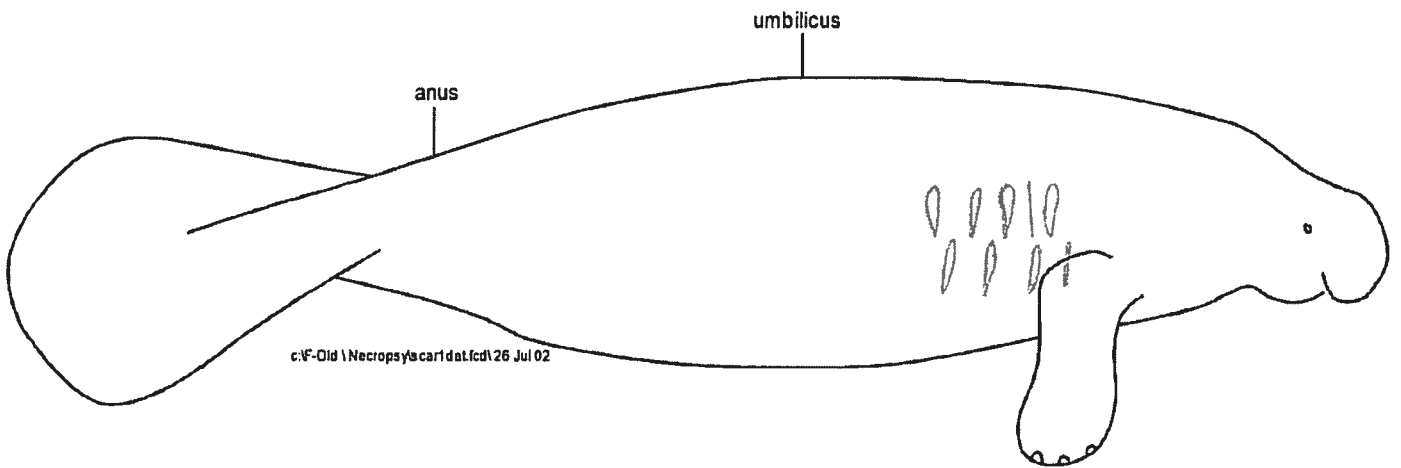
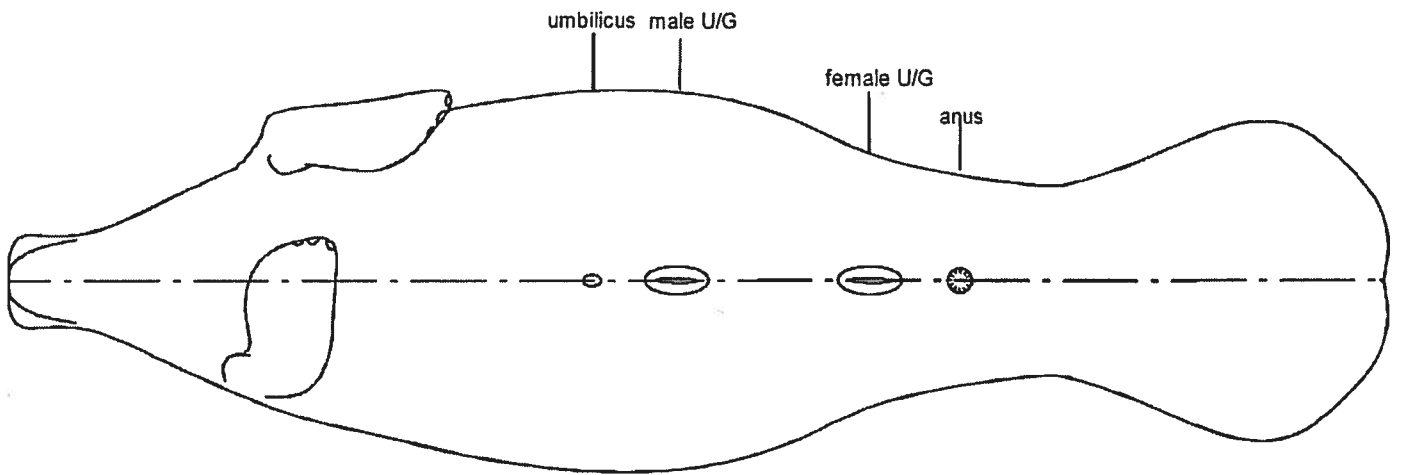
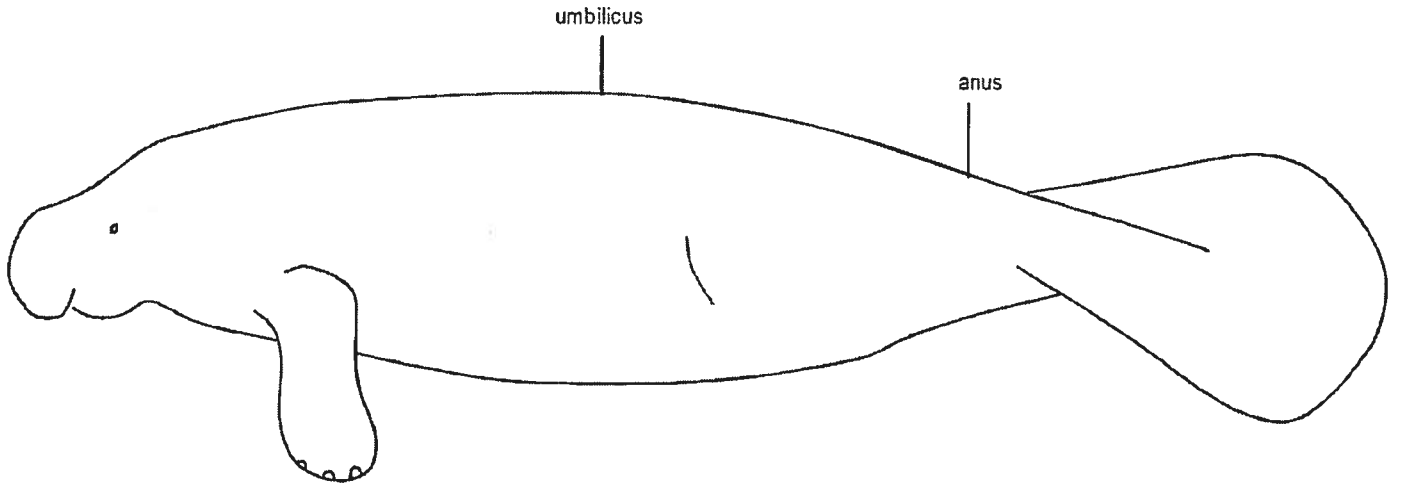
Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Length																				
Width																				
Depth																				
Distance																				



over →

ARH

FIELD I.D. RSE1818



# Rescue Report

RSE1901

## GENERAL

Date of Rescue: 04 January 2019	Date of Initial Call: 03 January 2019	Filed by: S. Beard		
Rescue ID: RSE1901	Facility ID: N/A	Other ID: MSE19002		
FWC Case Number: 0083	FWC Region: SO-A			
Sex: Female	Length: 226 cm	Estimated: No	Weight: 200 kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: St. Lucie	City: Ft. Pierce	Waterway: Indian River	
Latitude (Decimal Degrees): 27.453130° N		Longitude (Decimal Degrees): -80.322700° W		
Locality Description: 55 m SE of the southernmost shuffleboard court at the Riverwalk Center at 600 N Indian Drive				
Method of Capture or Assistance: Land Based: Hoop Net				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input checked="" type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### All Other

Describe: The manatee was observed with bleached spots on most aspects, pitted lesions on the head, shoulders and ventral fluke, and a healing watercraft wound series on the mid and caudal dorsum; it had an elevated respiration rate and was grounded in shallow water.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-01-04_FWC043_3970 through 3975	

## HISTORY

Date	Narrative
03 January 2019	At 1022 hrs, FWC Intern-Emily Pepin (EP) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a manatee in distress at the Manatee Education and Observation Center (MOEC) in Fort Pierce, St. Lucie County.

FWC case number 0083 was assigned. The complainant, Trish Walker (561-596-2976), stated that the manatee was not diving and was breathing every 5 to 15 minutes. At 1022 hrs, EP received photos showing a healing wound on the dorsum, but behavior was normal surfacing resting. At 1212 hrs, FWC biologist-Shelby Beard (SLB) received a direct call from MOEC volunteer-Vince Zalenski (410-627-4588) who stated that a manatee had been at the MOEC for over 24 hours without submerging. It was breathing every 30 seconds and had barely moved. Vince was unable to send video confirmation. At 1257 hrs, the animal swam away and was no longer in sight.

## 04 January

At 1148 hrs, FWC biologist-Amber Howell (ARH) received text from FWC LE-Jon Arnold who had received a call from Ft. Pierce Marina Dock Master-Matt Roach (772-359-9416) regarding the same manatee in shallow water. He sent ARH verification photos. ARH requested assistance with size verification from Harbor Branch-Steve Burton, who arrived at the animal's location by 1240 hrs. Due to FWC staff being in Fort Lauderdale when the information was received, they did not arrive at the manatee's location until 1350 hrs. The manatee was captured via hoop net at approximately 1400 hrs, carried to a nearby beach area, and loaded into the rescue truck by 1420 hrs. At approximately 1442 hrs, the manatee was declared dead during transport.

## PARTICIPANTS

FWC SEFL: Amber Howell, Shelby Beard

FWC ECFL: Lucy Bukowski

FWC Intern: Emily Pepin

FWC LE: James Payne, Randy Irwin

Harbor Branch Oceanographic Institute: Steve Burton, Jon Moore

### Edited by:

ACP

NJG

DJS

GLL

AJG

(Rev: 01/20/2017)

## PHOTOS





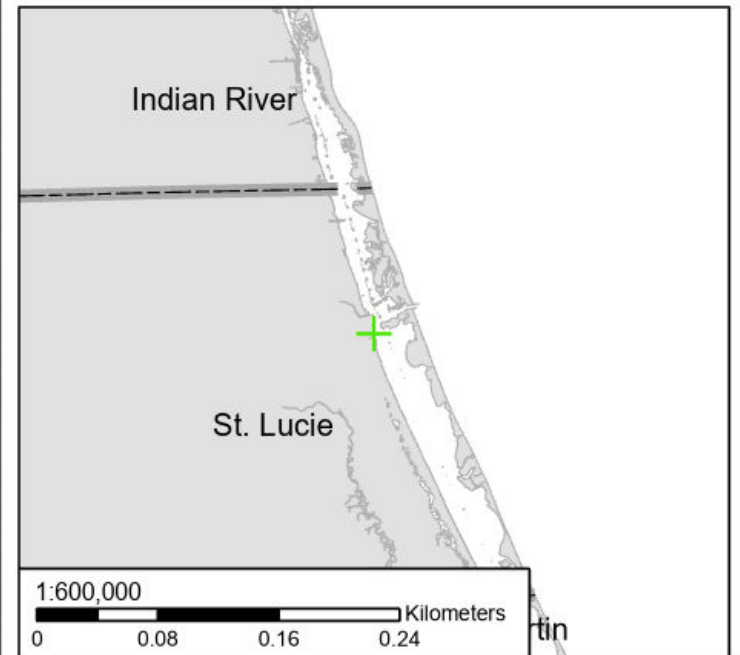
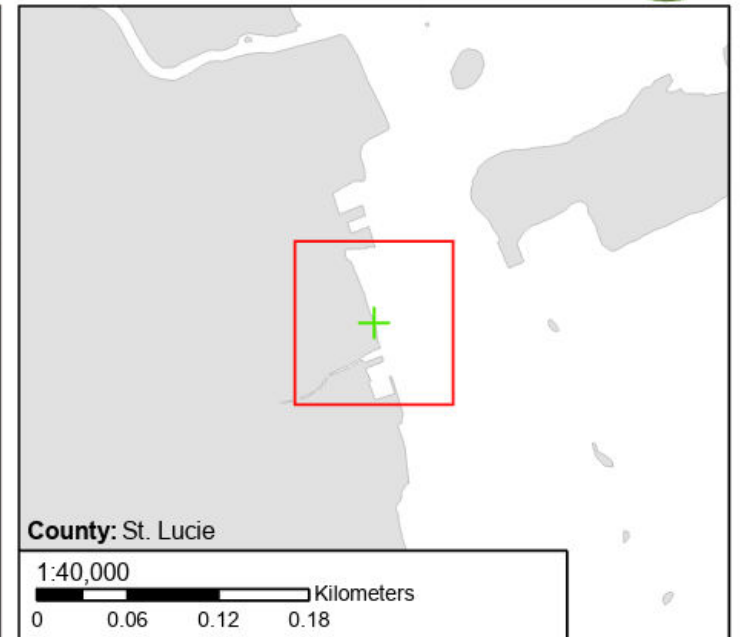


# Verified Response Location of Manatee Rescue RSE1901

Rescue Date: 1/4/2019

Facility ID: N/A

Map Created 10/29/2021



Latitude: 27.453131°N

Longitude: -80.322701°W

# Rescue Report

RSE1903

## GENERAL

Date of Rescue: 08 February 2019	Date of Initial Call: 07 February 2019	Filed by: A. Howell		
Rescue ID: RSE1903	Facility ID: MSTm1902	Other ID: Tostone		
FWC Case Number: N/A	FWC Region: SO-A			
Sex: Male	Length: 152 cm	Estimated: No	Weight: 45 kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Palm Beach	City: West Palm Beach	Waterway: Lake Worth Lagoon	
Latitude (Decimal Degrees): 26.762388° N		Longitude (Decimal Degrees): -80.050529° W		
Locality Description: approximately 135 m S of the Manatee Lagoon Center at 6000 N Flagler Drive				
Method of Capture or Assistance: Land Based: Hoop Net				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input checked="" type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### All Other

Describe: The small, lone manatee had severe cold stress lesions and was emaciated.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-02-08_FWC043_8236 through 8266	

## HISTORY

Date	Narrative
07 February 2019	At 1035 hrs, FWC biologist-Amber Howell (ARH) received a direct call from Florida Power & Light (FPL) Manatee Lagoon manager-Sarah Marmion that her staff had observed a three-foot-long calf by itself since yesterday in the lagoon. At 1038 hrs, ARH received photos showing abscesses and severe cold stress lesions on the manatee. ARH requested FWC biologist-Shelby Beard

(SLB) to respond, assess behavior and verify size. SLB arrived by 1110 hrs, and FPL staff advised they had lost sight of the calf. The area was searched, and the calf was not relocated. At 1545 hrs, FPL manatee master-Krystyna sent a text to ARH advising the calf was back. ARH and SLB arrived at the lagoon by 1615 hrs and confirmed the calf needed to be rescued. Due to logistics, a rescue was postponed until the following morning.

## 08 February

At 0830 hrs, FPL Manatee Lagoon staff began searching for the manatee. At 1105 hrs, ARH received a text from FPL Manatee Lagoon staff-Wendy Puz stating that the calf had been located. ARH, SLB, and FWC biologist-Samantha Smith arrived at the calf's location by 1150 hrs. The calf was caught using a hoop net from the beach by 1200 hrs and transported to Miami Seaquarium, arriving by 1407 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Shelby Beard, Samantha Smith

### Edited by:

ACP  
NJG  
GLL  
DJS  
AJG

(Rev: 01/20/2017)

## PHOTOS





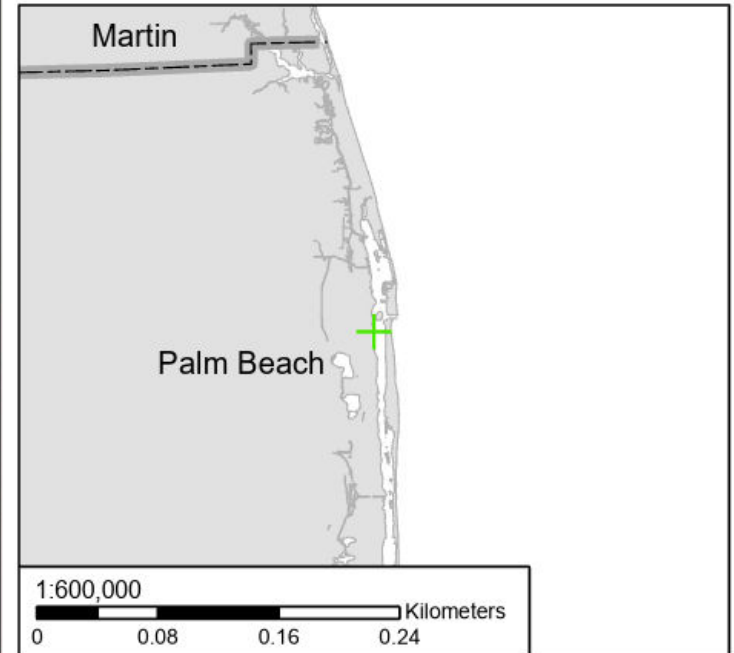
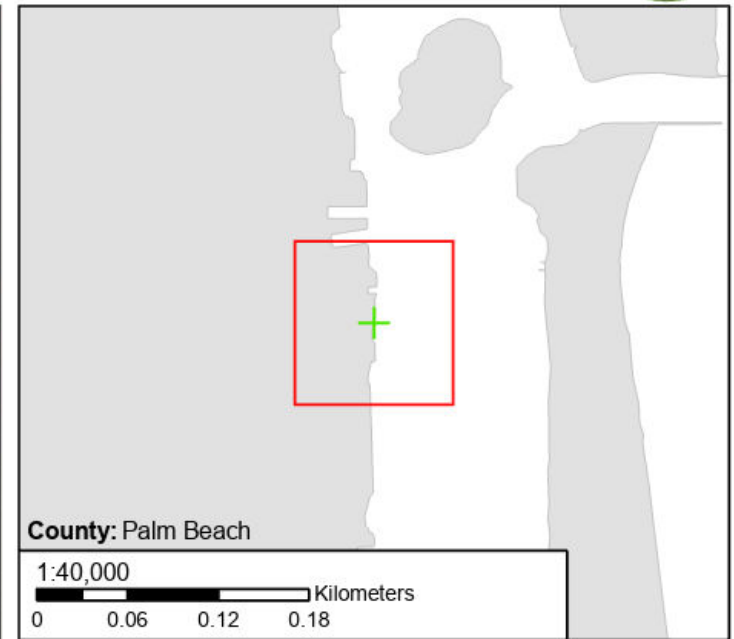


# Verified Response Location of Manatee Rescue RSE1903

Rescue Date: 2/8/2019

Facility ID: MSTm1902

Map Created 10/29/2021



Latitude: 26.762388°N

Longitude: -80.050529°W

# Rescue Report

RSE1904

## GENERAL

Date of Rescue: 09 February 2019	Date of Initial Call: 09 February 2019	Filed by: A. Howell		
Rescue ID: RSE1904	Facility ID: MSTm1903	Other ID:		
FWC Case Number: 1302	FWC Region: SO-A			
Sex: Male	Length: 325 cm	Estimated: No	Weight: N/T kg	Estimated: <a href="#">Choose an item.</a>
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: St. Lucie	City: Fort Pierce	Waterway: Indian River	
Latitude (Decimal Degrees): 27.451728° N		Longitude (Decimal Degrees): -80.322921° W		
Locality Description: Manatee Observation and Education Center boat ramp at 480 N Indian River Drive				
Method of Capture or Assistance: Land Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
---	--	--------------------------------

Describe: There was a fresh, superficial, linear wound extending from left cranial dorsum to right mid dorsum and three superficial, parallel propeller wounds, which were roughly perpendicular to the linear wound. The manatee was excessively buoyant, listing left side high, unable to submerge, and breathing every 90 seconds.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-02-09_FWC043_8267 through 8295	



**HISTORY**

<b>Date</b>	<b>Narrative</b>
<b>09 February 2019</b>	<p>At 0932 hrs, FWC biologist-Shelby Beard (SLB) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee near the south bridge in Moore's Creek, Fort Pierce, St. Lucie County. FWC case number 1302 was assigned. The complainant, Dennis (772-940-3491), stated that the manatee had three fresh cuts on the middle of its back, was floating high in the water on its side, and was unable to submerge. He was unable to take photos and said the manatee was moving south towards the Manatee Observation and Education Center. SLB requested FWC LE, ECFL and Harbor Branch Oceanographic Institute (HBOI) assistance. At 1016 hrs, SLB received a call from US Fish &amp; Wildlife Service-Officer Jason Lowe who was with the animal at the Manatee Observation and Education Center. The manatee was nine feet long, buoyant, had fresh watercraft wounds, and had beached itself on the boat ramp. He sent confirmation photos at 1020 hrs. Ofc. Lowe, FWC-Lt. Doug Rogerson, and the US Coast Guard monitored the animal until the rescue team arrived. At 1145 hrs, Lt. Rogerson called FWC biologist-Amber Howell (ARH) to advise that the manatee had moved off the boat ramp and was swimming towards the marina. SEFL, ECFL, and HBOI staff arrived at the manatee's location by 1150 hrs. After assessing the manatee by land, ARH got on Lt. Rogerson's vessel and attempted to encourage the manatee back to the boat ramp, but the manatee stayed in the marina. At 1320 hrs, Ofc. Arnold got in the water and at 1340 hrs, the manatee was encouraged into a land-based net set and pulled onto the boat ramp. The manatee was loaded in the SEFL transport truck by 1355 and transported to Miami Seaquarium by 1620 hrs.</p>

**PARTICIPANTS**

FWC SEFL: Amber Howell, Shelby Beard

FWC ECFL: Bill Greer, Lucy Bukowski

FWC LE: Officer Jon Arnold, Lieutenant Doug Rogerson

Harbor Branch Oceanographic Institute: Anne Sleeman, Beth Brady

US Fish & Wildlife Service: Officer Jason Lowe

**Edited by:**

ACP

NJG

GLL

DJS

AJG

(Rev: 01/20/2017)

**PHOTOS**



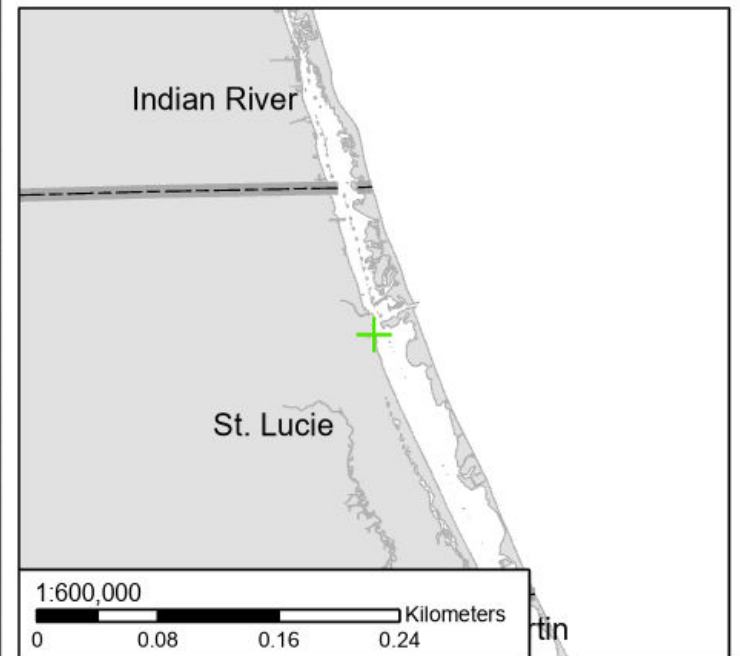
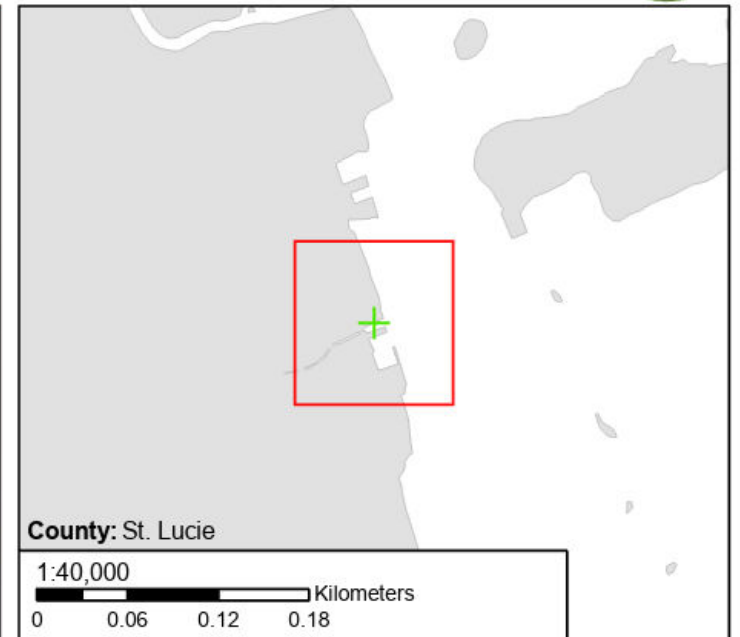


# Verified Response Location of Manatee Rescue RSE1904

Rescue Date: 2/9/2019

Facility ID: MSTm1903

Map Created 10/29/2021



Latitude: 27.451729°N

Longitude: -80.322922°W

# Rescue Report

RSE1905

## GENERAL

Date of Rescue: 15 February 2019	Date of Initial Call: 15 February 2019	Filed by: S. Beard		
Rescue ID: RSE1905	Facility ID: MSTm1904	Other ID: Chickita		
FWC Case Number: 1542	FWC Region: SO-A			
Sex: Female	Length: 171 cm	Estimated: No	Weight: 80 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: St. Lucie	City: Fort Pierce	Waterway: Indian River	
Latitude (Decimal Degrees): 27.438882° N		Longitude (Decimal Degrees): -80.320068° W		
Locality Description: approximately 90 m E of 805 S Indian River Drive				
Method of Capture or Assistance: Land Based: Hoop Net				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input checked="" type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### All Other

Describe: The manatee was small, emaciated, by itself and had severe cold stress lesions and a rapid breathing rate.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-02-15_FWC043_8691 through 8715	

## HISTORY

Date	Narrative
15 February 2019	At 1507 hrs, FWC biologist-Amber Howell (ARH) received a direct call from FWC LE-Officer Marty Shermatero, who had received a direct call regarding a rapidly breathing, lone calf that was very close to shore along S Indian River Drive in the Indian River, Fort Pierce, St. Lucie County. FWC case number



1542 was assigned. ARH received video confirmation at 1513 hrs and was advised that Ofc. Shermatero was en route to the manatee. Ofc. Shermatero arrived at the manatee's location by 1530 hrs and stayed with it until the rescue team arrived. ARH arrived at 1615 hrs and the rest of the rescue team and rescue truck arrived at 1630 hrs. The calf was captured using a hoop net by 1640 hrs and transported to Miami Seaquarium by 2000 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Shelby Beard

FWC intern: Yashwant Meghare

FWC LE: James Payne, Officer Marty Shermatero, Aaron Amador, Randy Irwin

## Edited by:

ACP  
NJG  
GLL  
DJS  
AJG

(Rev: 01/20/2017)

## PHOTOS





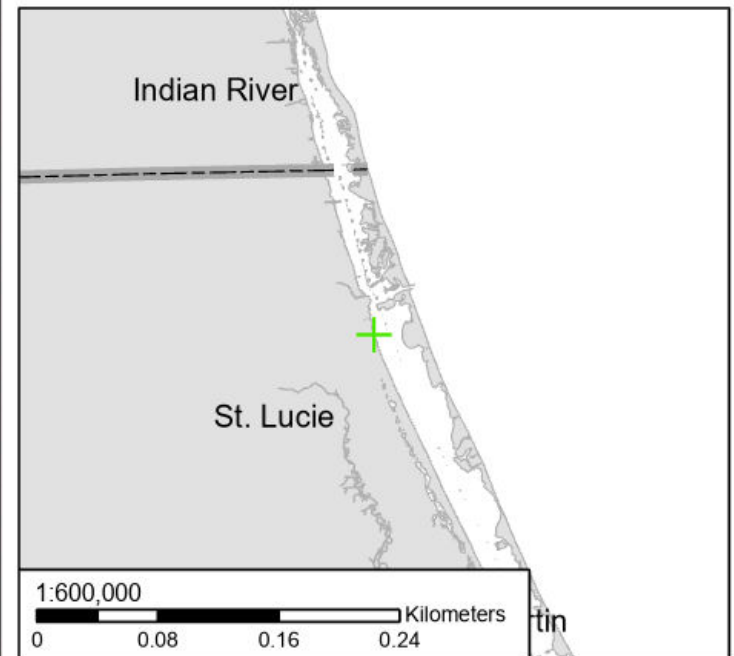
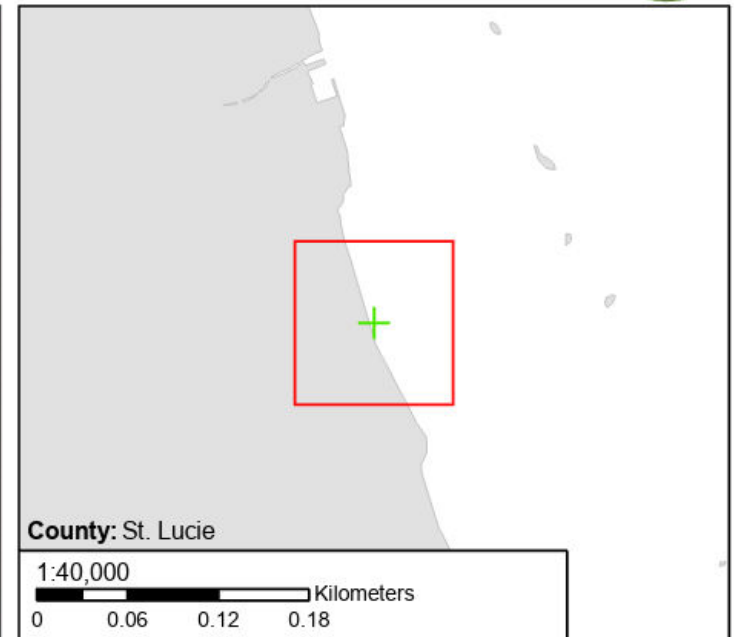


# Verified Response Location of Manatee Rescue RSE1905

Rescue Date: 2/15/2019

Facility ID: MSTm1904

Map Created 10/29/2021



Latitude: 27.438883°N

Longitude: -80.320068°W

# Rescue Report

RSE1909

## GENERAL

Date of Rescue: 25 May 2019	Date of Initial Call: 25 May 2019	Filed by: S. Beard		
Rescue ID: RSE1909	Facility ID: MSTm1906	Other ID:		
FWC Case Number: 6241	FWC Region: SO-A			
Sex: Male	Length: 232 cm	Estimated: No	Weight: 204 kg	Estimated: <a href="#">Choose an item.</a>
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Palm Beach	City: North Palm Beach	Waterway: North Palm Beach Waterway	
Latitude (Decimal Degrees): 26.831319° N		Longitude (Decimal Degrees): -80.060729° W		
Locality Description: 130 m NW of the northernmost building at 1037 Marina Drive				
Method of Capture or Assistance: Land Based: Hoop Net				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
---	--	--------------------------------

Describe: The manatee had one fresh, superficial, short, roughly linear wound on the mid caudal dorsum and was negatively buoyant and emaciated.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-05-25_FWC043_0571 through 0630	

## HISTORY

**25 May 2019**

At 1431 hrs, FWC biologist-Shelby Beard (SLB) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a 2 to 3-foot-long manatee on the rocks on the SW side of Parker Bridge in North Palm Beach, Palm Beach County. FWC case number 6241 was assigned. The complainant, North Palm Beach Police Department-Officer Mike Abramczyk stated that the manatee was small and had been in the same spot for hours. He sent photos at 1438 hrs, which were reviewed by SLB who concluded that the manatee appeared to be a bottom resting juvenile with an abnormal body position. SLB responded and arrived by 1500 hrs. After monitoring the animal for about 20 minutes, SLB noted that the manatee had a small impact wound, was negatively buoyant, and used its flippers to hold itself up to breathe. SLB notified FWC biologist-Amber Howell (ARH) at 1530 hrs that, in her opinion, the manatee may need to be rescued. ARH reviewed the information and photos and noticed that the manatee also looked thin. ARH and FWC intern-Yashwant Meghare arrived at the manatee's location with rescue gear at 1625 hrs. The manatee was captured via hoop net and hip towed via Officer Abramczyk's vessel to Anchorage Park boat ramp. The manatee was loaded into the rescue truck by 1730 hrs and transported to Miami Seaquarium, arriving by 1900 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Shelby Beard  
FWC SEFL intern: Yashwant Meghare

### Edited by:

NJG  
GLL  
DJS  
AJG

(Rev: 01/20/2017)

## PHOTOS





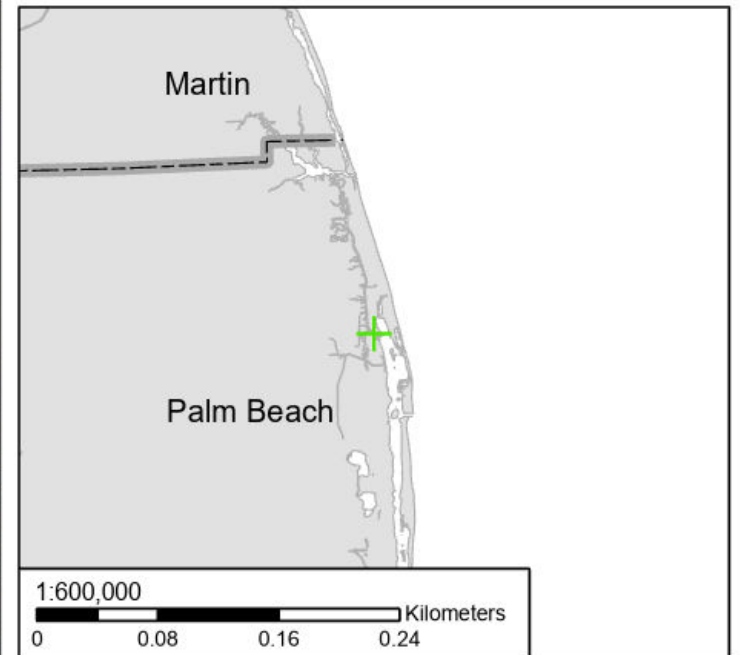
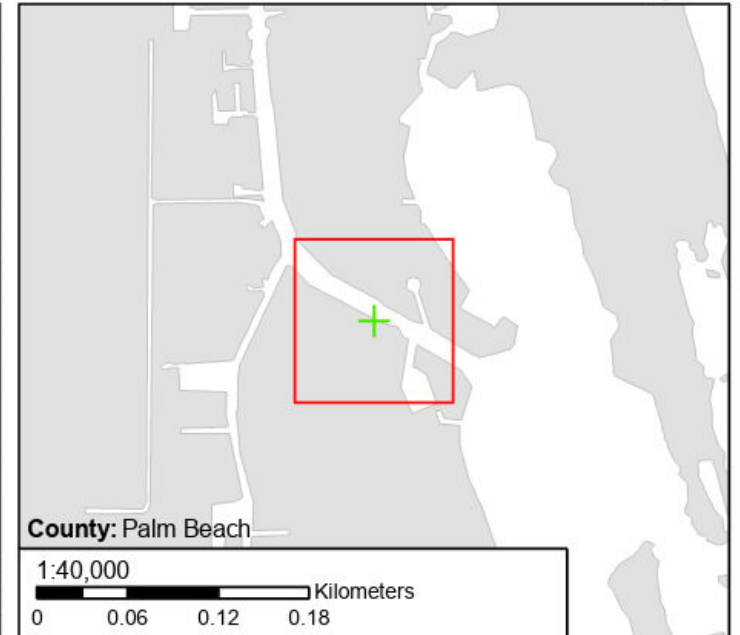


# Verified Response Location of Manatee Rescue RSE1909

Rescue Date: 5/25/2019

Facility ID: MSTm1906

Map Created 10/29/2021



Latitude: 26.83132°N

Longitude: -80.06073°W

# Rescue Report

RSE1913

## GENERAL

Date of Rescue: 22 November 2019	Date of Initial Call: 22 November 2019	Filed by: A. Peek		
Rescue ID: RSE1913	Facility ID: MSTm1912	Other ID: Scampi		
FWC Case Number: 13511, 13521	FWC Region: SO-A			
Sex: Female	Length: 140 cm	Estimated: No	Weight: NT kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Palm Beach	City: Jupiter	Waterway: Jupiter Sound	
Latitude (Decimal Degrees): 26.958019° N		Longitude (Decimal Degrees): -80.077964° W		
Locality Description: approximately 215m NE of 3175 Cove Road				
Method of Capture or Assistance: Boat Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input checked="" type="checkbox"/> Other: (Specify): Calf of rescued mom	

### Cold Stress, Red Tide, Tidally Stranded, Calf by itself or Other

Describe: Dependent calf of watercraft injured mother (MSTM1911/RSE1914).

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-11-22_FWC044_1992 through 1993, 2014 through 2024, 2039 through 2049	

## HISTORY

Date	Narrative
22 November 2019	At 0937 hrs, FWC biologist-Blake Faucett (BMF) received a text alert from FWC SO-A Dispatch Palm Beach regarding a lethargic manatee with a dependent calf in Jupiter Harbour Marina, Jupiter, Palm Beach County. FWC



case number 13511 was assigned. The complainant, Mel Schumaker (561-306-4081), reported the manatee had been floating in the same location for about 40 minutes. Photo verification was received at 0947 hrs, and showed a thin, grounded adult. At 0955 hrs, FWC biologist-Amber Howell (ARH) and BMF arrived at the location but were advised the manatee had swam to deeper water. At 1203 hrs, ARH received a text alert from Dispatch regarding a distressed mom and calf pair beached by the Jupiter lighthouse. FWC case number 13521 was assigned. The complainant, Nick Bowden (561-719-1800), advised the adult was not moving. ARH and BMF arrived at the manatees by 1218 hrs, and confirmed the adult was listing, thin, and had fresh watercraft wounds. A rescue team was organized with a planned meeting time of 1400 hrs. ARH requested FWC-LE assistance to stay with the manatees until the rescue boat could arrive. FWC-Officer Adam Boyd arrived by boat at the manatees at 1315 hrs. FWC staff arrived at the manatees by 1445 hrs. Both manatees were grounded 10ft from shore, so a net was slowly deployed off the boat around the manatees. The manatees were brought onto the rescue boat by 1500 hrs and were loaded into the transport truck by 1545 hrs. The manatees were transported to Miami Seaquarium, arriving by 1840 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Blake Faucett, Austin Peek

FWC SEFL Intern: Laura Cassetty

FWC SEFL Volunteer: Angela Field

FWC FWRI Fisheries: Seth Klepal, Peter Wilson

FWC Habitat Species Conservation: Tyler Beck

Harbor Branch Oceanographic Institute: Steve Burton, Wendy Marks

Harbor Branch Oceanographic Institute Volunteer: Anna Brady

## Edited by:

NJG  
BDB  
AJG

(Rev: 06/11/2019)

## PHOTOS



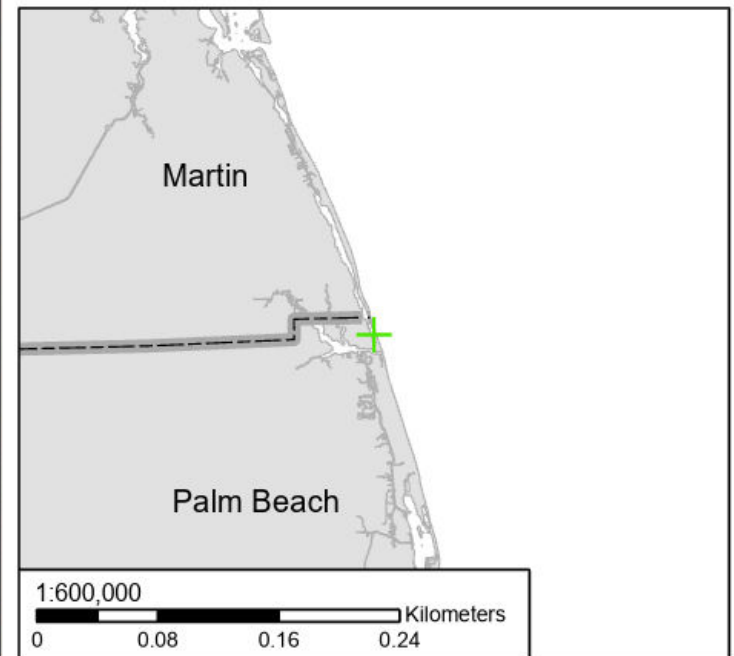


# Verified Response Location of Manatee Rescue RSE1913

Rescue Date: 11/22/2019

Facility ID: MSTm1912

Map Created 10/29/2021



Latitude: 26.958019°N

Longitude: -80.077965°W

# Rescue Report

RSE1914

## GENERAL

Date of Rescue: 22 November 2019	Date of Initial Call: 22 November 2019	Filed by: B. Faucett		
Rescue ID: RSE1914	Facility ID: MSTm1911	Other ID: Jumbo		
FWC Case Number: 13511, 13521	FWC Region: SO-A			
Sex: Female	Length: 320 cm	Estimated: No	Weight: NT kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Palm Beach	City: Jupiter	Waterway: Jupiter Sound	
Latitude (Decimal Degrees): 26.958019° N		Longitude (Decimal Degrees): -80.077964° W		
Locality Description: approximately 215 m NE of 3175 Cove Road				
Method of Capture or Assistance: Boat Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
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Describe: Two fresh, parallel, superficial linear wounds on left side. The manatee was left side high and grounded in shallow water with a calf (RSE1913).

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-11-22_FWC044_1992-2013, 2025, 2027-2038, 2050-2092; 2019-11-22_PUBLIC_FWC_SEFL_02	



## HISTORY

Date	Narrative
22 November 2019	<p>At 0937 hrs, FWC biologist-Blake Faucett (BMF) received a text alert from FWC SO-A Dispatch Palm Beach regarding a lethargic manatee with a dependent calf in Jupiter Harbour Marina, Jupiter, Palm Beach County. FWC case number 13511 was assigned. The complainant, Mel Schumaker (561-306-4081), reported the manatee had been floating in the same location for about 40 minutes. Photo verification was received at 0947 hrs, and showed a thin, grounded adult. At 0955 hrs, FWC biologist-Amber Howell (ARH) and BMF arrived at the location but were advised the manatee had swam to deeper water. At 1203 hrs, ARH received a text alert from Dispatch regarding a distressed mom and calf pair beached by the Jupiter lighthouse. FWC case number 13521 was assigned. The complainant, Nick Bowden (561-719-1800), advised the adult was not moving. ARH and BMF arrived at the manatees by 1218 hrs, and confirmed the adult was listing, thin, and had fresh watercraft wounds. A rescue team was organized with a planned meeting time of 1400 hrs. ARH requested FWC-LE assistance to stay with the manatees until the rescue boat could arrive. FWC-Officer Adam Boyd arrived by boat at the manatees at 1315 hrs. FWC staff arrived at the manatees by 1445 hrs. Both manatees were grounded 10ft from shore, so a net was slowly deployed off the boat around the manatees. The manatees were brought onto the rescue boat by 1500 hrs and were loaded into the transport truck by 1545 hrs. The manatees were transported to Miami Seaquarium, arriving by 1840 hrs.</p>

## PARTICIPANTS

FWC SEFL: Amber Howell, Blake Faucett, Austin Peek  
 FWC SEFL Intern: Laura Cassetty  
 FWC SEFL Volunteer: Angela Field  
 FWC FWRI Fisheries: Seth Klepal, Peter Wilson  
 FWC Habitat Species Conservation: Tyler Beck  
 Harbor Branch Oceanographic Institute: Steve Burton, Wendy Marks  
 Harbor Branch Oceanographic Institute Volunteer: Anna Brady

### Edited by:

NJG  
 BDB  
 AJG

(Rev: 06/11/2019)

## Photos



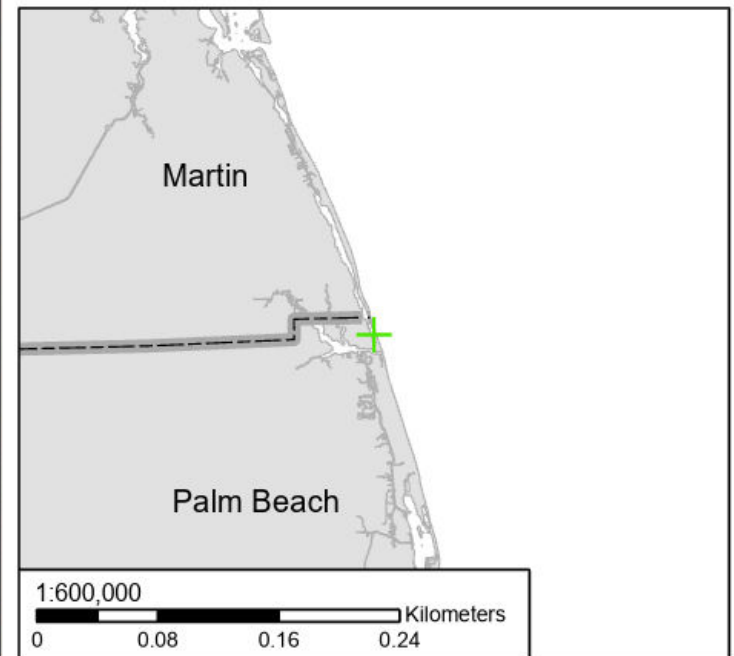


# Verified Response Location of Manatee Rescue RSE1914

Rescue Date: 11/22/2019

Facility ID: MSTm1911

Map Created 10/29/2021



Latitude: 26.958019°N

Longitude: -80.077965°W



# Rescue Report

RSE1915

## GENERAL

Date of Rescue: 29 November 2019	Date of Initial Call: 29 November 2019	Filed by: A. Howell		
Rescue ID: RSE1915	Facility ID: MSTm1801	Other ID: RSE1808, "Frappuccino"		
FWC Case Number: 13803	FWC Region: SO-A			
Sex: Male	Length: 313 cm	Estimated: No	Weight: 675 kg	Estimated: No
PIT Tag Present: Yes	PIT Tag Applied: No	R: 00-0788-5B1E	L: 00-072A-CAA1	
State: FL	County: Palm Beach	City: Riviera Beach	Waterway: Lake Worth Lagoon	
Latitude (Decimal Degrees): 26.766621° N		Longitude (Decimal Degrees): -80.052387° W		
Locality Description: approximately 115 m E of the building at 119 E Port Road				
Method of Capture or Assistance: Boat Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

## Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
---	--	--------------------------------

Describe: Manatee was listing right side and caudal high with breaths every minute, with a healing watercraft series which consisted of thirteen superficial propeller cuts perpendicular to one superficial linear skeg wound from left cranial aspect to right caudal aspect. Manatee was unable to dive when approached by vessel and forcefully popped up when attempted to dive.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2019-11-29_FWC044_2350 through 2364; 2019-11-29_PUBLIC_01 through 35	

## HISTORY

Date	Narrative
29 November 2019	At 1200 hrs, FWC on-call biologist-Bill Greer (WDG) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee in slip #16 at the Port of Palm Beach, Palm Beach County. FWC case number 13803 was assigned. The complainant, Clay (407-488-0738), sent video which showed a listing manatee with much of the right side and lower back out of the water. WDG requested FWC LE assistance and passed the information on to FWC biologist-Blake Faucett (BMF). FWC-Officer James Brodbeck arrived at the manatee at 1313 hrs and verified the manatee could not submerge and needed rescue. BMF passed information on to FWC biologist-Amber Howell (ARH) who organized a rescue team. Due to the holiday, staff with the West Palm Beach Police Department's Tactical team agreed to respond. A plan was set to meet at a nearby boat ramp at 1500 hrs. The rescue team arrived at the manatee at 1540 hrs, and had the manatee captured and loaded on the boat by 1548 hrs. The manatee was moved into the transport truck by 1620 hrs and was transported to Miami Seaquarium, arriving by 1835 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Blake Faucett

FWC SEFL Volunteers: Pascal Illy, Brenden Beard, Abby Schaffner

West Palm Beach Police: Sergeant Tony Matias, Officers: Haven Sipple, Brian Vautin, Jonathan Chappell

### Edited by:

NJG  
BDB  
AJG

(Rev: 06/11/2019)

## Photos



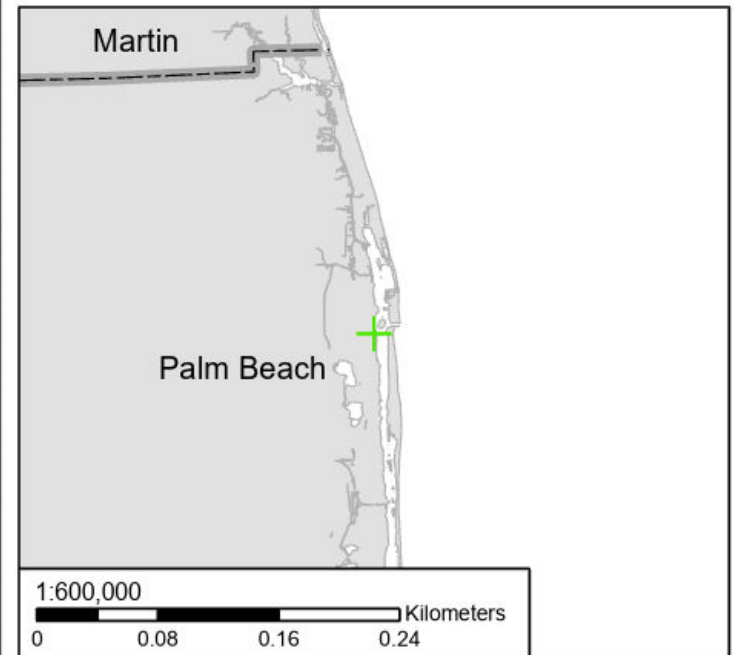
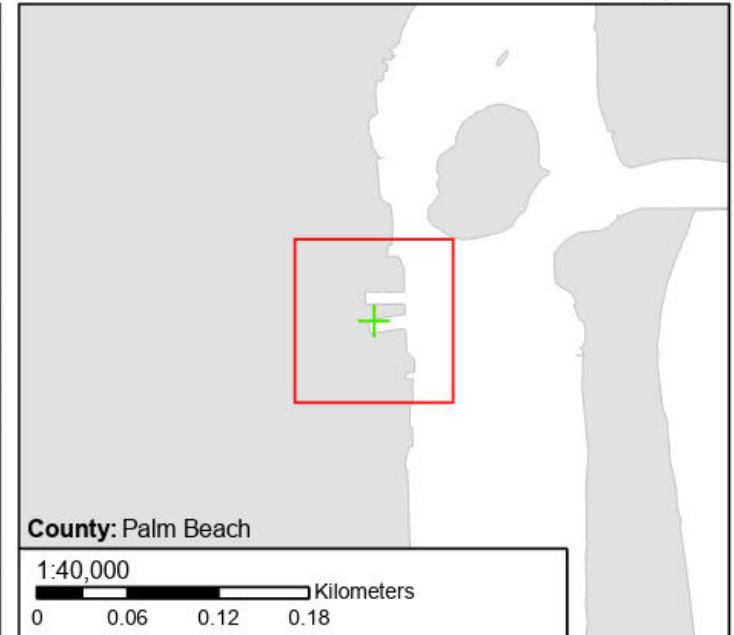
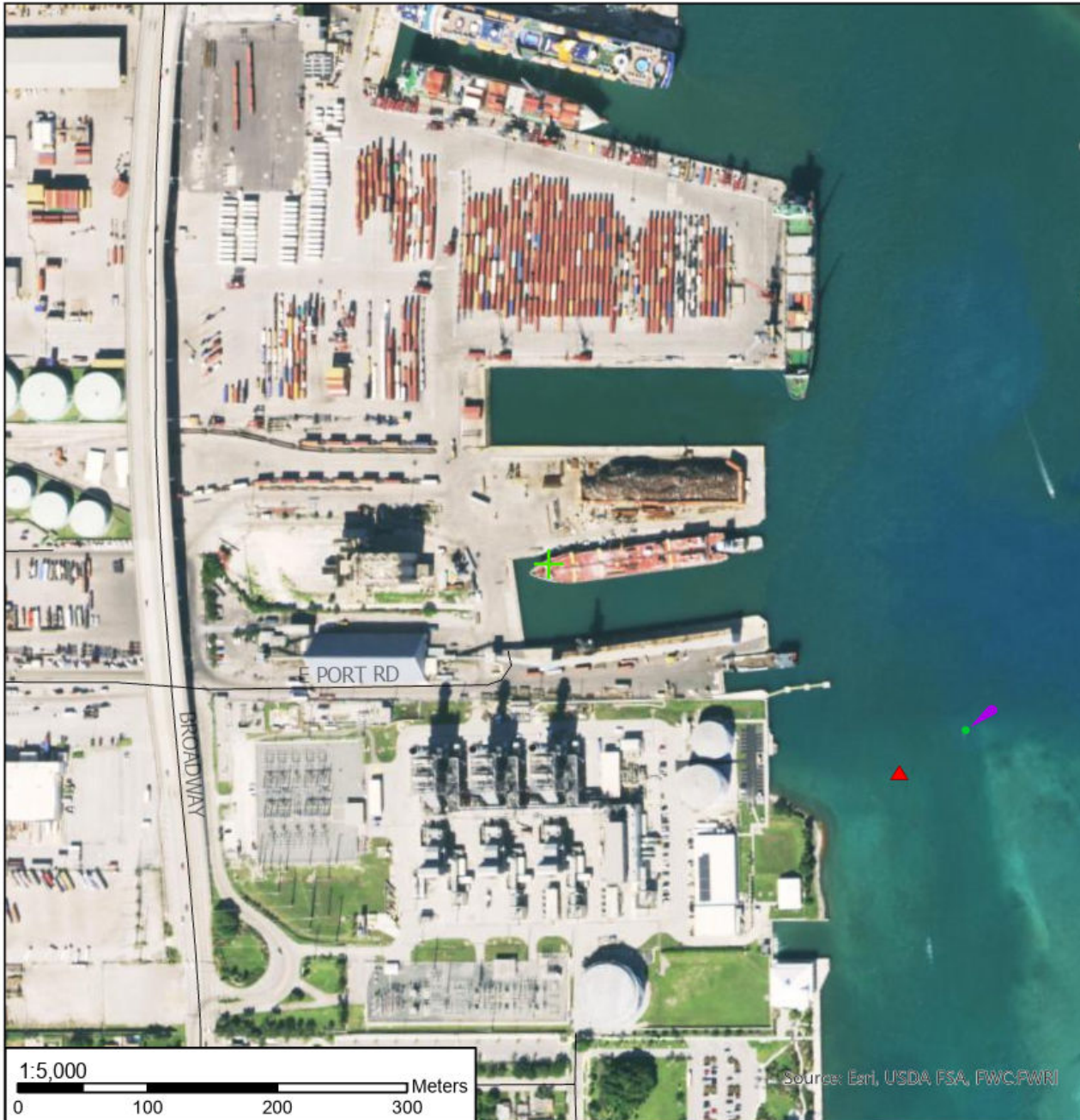


# Verified Response Location of Manatee Rescue RSE1915

Rescue Date: 11/29/2019

Facility ID: LPZ103499

Map Created 10/29/2021



Latitude: 26.766615°N

Longitude: -80.052383°W



# Rescue Report

RSE2003

## GENERAL

Date of Rescue: 17 January 2020	Date of Initial Call: 17 January 2020	Filed by: A. Howell		
Rescue ID: RSE2003	Facility ID: MSTm2003	Other ID:		
FWC Case Number: 0662	FWC Region: SO-A			
Sex: Female	Length: 318 cm	Estimated: No	Weight: 500 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Palm Beach	City: Lake Park	Waterway: Lake Worth Lagoon	
Latitude (Decimal Degrees): 26.79641° N		Longitude (Decimal Degrees): -80.05199° W		
Locality Description: 165 m ENE of 10 Evergreen Drive				
Method of Capture or Assistance: Boat Based: Stretcher				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input checked="" type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### Cold Stress, Red Tide, Tidally Stranded, Calf by itself or Other

Describe: The manatee was beached with no reaction when approached and had severe cold stress. (Chronic watercraft wounds noted on caudal left lateral aspect.)

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-01-17_FWC044_3247 through 0373, 2020-01-17_PUBLIC_01 through 11	

**HISTORY**

<b>Date</b>	<b>Narrative</b>
<b>17 January 2020</b>	At 0754 hrs, FWC biologist-Amber Howell (ARH) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a beached manatee in Lake Park, Palm Beach County. FWC case number 0662 was assigned. At 0825 hrs, ARH reached the complainant, Susan (561-889-2747), who stated she saw a manatee in shallow water from her 8 <sup>th</sup> floor balcony and her husband thought it was dead because it didn't move. She could not confirm if it was back up, belly up, or breathing. No photos were available. ARH requested FWC-LE to assist with verification and was advised by Dispatch an officer was already en route. FWC-Officer Paul Godward arrived on site at 0850 hrs and confirmed the manatee was alive and advised it kept kicking its tail to move into shallow water. Officer Godward could not determine if there were wounds or if it needed rescued, so ARH requested that FWC Volunteer-Brenden Beard respond to assess the manatee. At 0915 hrs, Brenden arrived and confirmed the manatee was unresponsive, had chronic boat wounds, and showed signs of severe cold stress. Brenden advised the breaths did not seem good and that the head had to be supported. A rescue team was assembled and arrived at the manatee by 1025 hrs. The manatee was placed into a stretcher and loaded into the rescue boat by 1035 hrs. The manatee was loaded into the transport truck by 1050 hrs and taken to Miami Seaquarium, arriving by 1230 hrs.

**PARTICIPANTS**

FWC SEFL: Amber Howell, Blake Faucett

FWC FWRI Tequesta: Tyler Beck, Sarah Webb, Seth Klepal, Peter Wilson

FWC Volunteer: Brenden Beard

FWC LE: Paul Godward

**Edited by:**

NJG  
BDB  
DJS  
AJG

(Rev: 03/18/2019)



PHOTOS



# Rescue Report

RSE2004

## GENERAL

Date of Rescue: 26 January 2020	Date of Initial Call: 26 January 2020	Filed by: A. Howell		
Rescue ID: RSE2004	Facility ID: MSTm2005	Other ID: Lace		
FWC Case Number: 0959	FWC Region: SO-A			
Sex: Female	Length: 166 cm	Estimated: No	Weight: 45 kg	Estimated: Yes
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Martin	City: Hobe Sound	Waterway: Peck Lake	
Latitude (Decimal Degrees): 27.11124° N		Longitude (Decimal Degrees): -80.14691° W		
Locality Description: 30 m NE of 7735 SE Loblolly Bay Drive				
Method of Capture or Assistance: Boat Based: Hoop Net				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input checked="" type="checkbox"/> Other: (Specify): <u>Dependent calf of rescued mother</u>	

### Cold Stress, Red Tide, Tidally Stranded, Orphan or Other

Describe: Dependent calf of RSE2005 (MSTM2004).

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-01-26_FWC044_3953 through 3985, 3991 through 3996	

## HISTORY

Date	Narrative
26 January 2020	At 1203 hrs, FWC biologist-Amber Howell (ARH) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee with a calf in Loblolly Marina, Hobe Sound, Martin County. FWC case number 0959 was assigned. The complainant, Eric (772-486-1084), stated the manatee looked high in the water and was unable to submerge. At 1213 hrs, ARH arrived at the

manatee and confirmed the adult needed rescue. A rescue team was assembled and arrived at the location by 1412 hrs. The calf was hoop netted by 1417 hrs and offloaded onto the dock so the rescue team could catch the adult. Both manatees were on the boat by 1435 hrs and taken to Miami Seaquarium, arriving by 1730 hrs.

## **PARTICIPANTS**

FWC SEFL: Amber Howell, Blake Faucett

FWC SEFL Intern: Ian Anderson

FWC FWRI Fisheries: Seth Klepal

FWC SEFL Volunteers: Pascal Illy, Brenden Beard, Abbey Beard, Daniel Tomasello

Harbor Branch Oceanographic Institute: Wendy Marks

## **Edited by:**

NJG  
BDB  
DJS  
AJG

(Rev: 03/18/2019)

## **PHOTOS**



# Rescue Report

RSE2005

## GENERAL

Date of Rescue: 26 January 2020	Date of Initial Call: 26 January 2020	Filed by: A. Howell		
Rescue ID: RSE2005	Facility ID: MSTm2004	Other ID: BC337, "Ribbon"		
FWC Case Number: 0959	FWC Region: SO-A			
Sex: Female	Length: 352 cm	Estimated: No	Weight: kg	Estimated: Choose an item.
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Martin	City: Hobe Sound	Waterway: Peck Lake	
Latitude (Decimal Degrees): 27.11127° N		Longitude (Decimal Degrees): -80.14675° W		
Locality Description: 50 m NE of 7735 SE Loblolly Bay Drive				
Method of Capture or Assistance: Boat Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input checked="" type="checkbox"/> Other: (Specify): Undetermined; other	

### Cold Stress, Red Tide, Tidally Stranded, Orphan or Other

Describe: Manatee was listing 90 degrees right side high, unable to submerge and excessively buoyant. No external signs of trauma noted.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-01-26_FWC044_3953 through 3976, 3986 through 3990, 3997 through 4008; 2020-01-26_PUBLIC_SEFL_01	

## HISTORY

Date	Narrative
26 January 2020	At 1203 hrs, FWC biologist-Amber Howell (ARH) received a text alert from FWC SO-A Dispatch-Palm Beach regarding an injured manatee with a calf in Loblolly Marina, Hobe Sound, Martin County. FWC case number 0959 was



assigned. The complainant, Eric (772-486-1084), stated the manatee looked high in the water and was unable to submerge. At 1213 hrs, ARH arrived at the manatee and confirmed the adult needed rescue. A rescue team was assembled and arrived at the location by 1412 hrs. The calf was hoop netted by 1417 hrs and offloaded onto the dock so the rescue team could catch the adult. Both manatees were on the boat by 1435 hrs and taken to Miami Seaquarium, arriving by 1730 hrs.

## **PARTICIPANTS**

FWC SEFL: Amber Howell, Blake Faucett

FWC SEFL Intern: Ian Anderson

FWC FWRI Fisheries: Seth Klepal

FWC SEFL Volunteers: Pascal Illy, Brenden Beard, Abbey Beard, Daniel Tomasello

Harbor Branch Oceanographic Institute: Wendy Marks

## **Edited by:**

NJG

BDB

DJS

AJG

(Rev: 03/18/2019)

## **Photos**





# Rescue Report

RSE2007

## GENERAL

Date of Rescue: 08 February 2020	Date of Initial Call: 08 February 2020	Filed by: A. Howell		
Rescue ID: RSE2007	Facility ID: MSTm1402	Other ID: MudPie, RSE1406, REC1710		
FWC Case Number: 1402	FWC Region: SO-A			
Sex: Female	Length: 252 cm	Estimated: No	Weight: N/T kg	Estimated: <a href="#">Choose an item.</a>
PIT Tag Present: Yes	PIT Tag Applied: No	R:00-072A-8EE7	L: 00-072A-B976	
State: FL	County: St. Lucie	City: Port St. Lucie	Waterway: Indian River	
Latitude (Decimal Degrees): 27.28506° N		Longitude (Decimal Degrees): -80.24612° W		
Locality Description: 100 m ENE of 12521 S. Indian River Drive				
Method of Capture or Assistance: Land Based: Stretcher				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Orphan	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
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Describe: chronic: large deep scars on right lateral aspect, manatee was emaciated and grounded in shallow water

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-02-08_FWC044_4357 through 4367, 2020-02-08_PUBLIC_SEFL_06, 07, 10 through 12; 2020-02-08_PUBLIC_SEFL_ARH_01 through 03	

## HISTORY

Date	Narrative
08 February 2020	At 1443 hrs, FWC biologist-Blake Faucett (BMF) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a stranded manatee in shallow water in Jensen Beach, St. Lucie County. FWC case number 1402 was assigned. The complainant, Cynthia (561-329-8882), stated the manatee had two white marks on the body and was grounded 30 yards off the beach. Photo confirmation was received at 1455 hrs and relayed to FWC biologist-Amber Howell (ARH) at 1457 hrs. ARH arrived at the manatee at 1530 hrs and confirmed it was a known animal nicknamed Mud Pie. ARH deemed a rescue was necessary. The rescue team arrived at 1640 hrs, walked out to the manatee and placed her into a stretcher by 1653 hrs. Due to the stranding location, the manatee was floated 200 meters to access the transport truck. Once on land, St. Lucie Sheriff's Department, Martin County Sheriff's Department, and St. Lucie Fire and Rescue assisted staff in carrying the manatee up a hill and into the transport truck by 1725 hrs. The manatee was taken to Miami Seaquarium, arriving by 1940 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Blake Faucett, Austin Peek  
 Harbor Branch Oceanographic Institute: Wendy Marks  
 St. Lucie Sheriff's Department  
 Martin County Sheriff's Department  
 St. Lucie Fire and Rescue

### Edited by:

NJG  
 BDB  
 DJS  
 AJG

(Rev: 03/18/2019)

## PHOTOS



# Rescue Report

RSE2008

## GENERAL

Date of Rescue: 13 February 2020	Date of Initial Call: 11 February 2020	Filed by: B. Faucett		
Rescue ID: RSE2008	Facility ID: MSTm2006	Other ID: Barracuda		
FWC Case Number: 1574	FWC Region: SO-A			
Sex: Female	Length: 258 cm	Estimated: No	Weight: N/T kg	Estimated: <a href="#">Choose an item.</a>
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Palm Beach	City: Boynton Beach	Waterway: Lake Worth Lagoon	
Latitude (Decimal Degrees): 26.54571° N		Longitude (Decimal Degrees): -80.05309° W		
Locality Description: approximately 130 m SSE of 728 NE 20 <sup>th</sup> Lane				
Method of Capture or Assistance: Land Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

## Watercraft

Check all that apply:

<input checked="" type="checkbox"/> Penetrating Cuts	<input type="checkbox"/> Impact	<input type="checkbox"/> Other
--	---------------------------------	--------------------------------

Describe: Manatee had a healing watercraft series extending from the dorsal aspect to the left lateral aspect which consisted of one large, linear penetrating wound and three slightly penetrating parallel propeller cuts perpendicular to the large wound.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-02-13_FWC044_4374 through 4400; 2020-02-13_PUBLIC_SEFL_01 through 07	

**HISTORY**

Date	Narrative
<b>11 February 2020</b>	At 1102 hrs, FWC biologist-Amber Howell (ARH) received a text from Boynton Beach PD-Officer Darin Hederian regarding an injured manatee near the Boynton Beach boat ramp. No FWC case number was assigned. Officer Hederian described a manatee with a deep watercraft wound, breathing every 30 seconds, and only submerging for a few seconds. Photo verification was received, but ARH could not tell how deep or chronic the wound was. ARH planned to assess further, but Officer Hederian stated the manatee was no longer there. At 1554 hrs, Officer Hederian contacted ARH to inform her the manatee had returned and provided additional photos and video. ARH requested Boynton Beach PD check if the manatee was still present the next morning.
<b>12 February</b>	At 0745 hrs, ARH received a text from Officer Hederian who stated the manatee was back in the same location, but due to a broken lift gate on the rescue truck, and a backup plan to use Miami Seaquarium's transport truck also failing due to mechanical issues, ARH had to request a rental truck from Enterprise. At 1000 hrs, FWC biologist-Blake Faucett (BMF) arrived at the manatee's location, but the manatee swam into the channel of the main waterway. ARH arrived at 1110 hrs, and at 1122 hrs the manatee was relocated in a different location that was not suitable for a rescue. While attempting to coax the manatee to a more suitable location, the manatee dove and was not relocated, so rescue was postponed. At 1615 hrs, BMF received a text from FWC SO-A Dispatch-Palm Beach regarding the same injured manatee. The complainant, Miranda (561-718-5964), stated the manatee was back at the Boynton Beach boat ramp. FWC case number 1574 was assigned. Photo verification was received at 1620 hrs. At 1714 hrs, BMF received an additional report from Dispatch regarding the same manatee. The complainant, Rachel (954-531-2013), also reported the manatee was near the Boynton Beach boat ramp. ARH requested FWC biologist-Austin Peek (AP) to check if the manatee was still there in the morning.
<b>13 February</b>	At 0810 hrs ARH received a text from Boynton Beach Police-Officer Vinny Melo, who stated the manatee was still near the boat ramp. AP arrived at the boat ramp at 0830 hrs to monitor the manatee and wait for the rest of the rescue crew. BMF and FWC intern-Ian Anderson arrived at the manatee's location by 0920 hrs, where a few Boynton Beach PD Officers and FWC volunteers were standing by to assist with rescue. A net was deployed from land to keep the manatee from leaving. ARH arrived at 0940 hrs and after consulting with FWC Capture Coordinator-Andy Garrett (AJG), a second net was deployed to work the animal away from floating docks and towards shallow water. The manatee was encompassed in the net by 1530 hrs, loaded into a rental truck by 1545 hrs, and transported to Miami Seaquarium, arriving by 1730 hrs.

## **PARTICIPANTS**

FWC SEFL: Amber Howell, Blake Faucett, Austin Peek

FWC SEFL Intern: Ian Anderson

FWC SEFL Volunteers: Brenden Beard, Abbey Beard

Boynton Beach Police Department: Darin Hederian, Matt Mederois, Vinny Melo, Jason Viscome, Hap Crowell

Boynton Beach Dive Shop: Rachel Taub, Nate Sorensen

Palm Beach County Environmental Resources Management: Mike Evans

## **Edited by:**

NJG

BDB

DJS

AJG

(Rev: 06/11/2019)

## **PHOTOS**





# Rescue Report

RSE2009

## GENERAL

Date of Rescue: 16 February 2020	Date of Initial Call: 16 February 2020	Filed by: A. Howell		
Rescue ID: RSE2009	Facility ID: MSTm2007	Other ID:		
FWC Case Number: 1682	FWC Region: SO-A			
Sex: Female	Length: 183 cm	Estimated: No	Weight: N/T kg	Estimated: <a href="#">Choose an item.</a>
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: St. Lucie	City: Fort Pierce	Waterway: Indian River	
Latitude (Decimal Degrees): 27.53376° N		Longitude (Decimal Degrees): -80.31767° W		
Locality Description: 120 m N of 800 Osprey Court				
Method of Capture or Assistance: Land Based: Hoop Net				

## REASON FOR RESCUE

Check one of the following: N

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input checked="" type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

### Cold Stress, Red Tide, Tidally Stranded, Calf by itself or Other

Describe: Calf was alone, in same spot for two days, breathing every 45 seconds, and had cold stress lesions on all aspects with abscesses in the nostrils and along the ventral folds.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-02-16_FWC044_4401 through 4415; 2020-02-16_SEFL_ARH_01 through 12; 2020-02-17_PUBLIC_SEFL_01	

## HISTORY

Date	Narrative
16 February 2020	At 0813 hrs, FWC biologist-Amber Howell (ARH) received a text alert from FWC SO-A Dispatch-Palm Beach regarding a calf by itself in Fort Pierce, St. Lucie County. FWC case number 1682 was assigned. The complainant, Steve

(407-948-6315), described a small calf by itself for two days nudging a seawall and breathing every 45 seconds. Steve stated that he was concerned the day before but didn't know if he should call, but today noted the manatee was unresponsive to stimulus. At 0822 hrs, ARH received a photo confirmation that showed cold stress lesions. ARH requested FWC Volunteer-Laura Aleixo respond to verify the size and stay with the manatee until a rescue team could arrive. Laura arrived at the location at 0850 hrs and verified the manatee was closer to six feet in length. The rescue team arrived at 1007 hrs and the calf was hoop netted off a dock and placed into the ECFL transport truck by 1022 hrs. The manatee was transported to Miami Seaquarium, arriving by 1318 hrs.

## **PARTICIPANTS**

FWC SEFL: Amber Howell, Blake Faucett

FWC ECFL: Sara Wappes

FWC ECFL Intern: Kelly Etherton

FWC Volunteer: Laura Aleixo

## **Edited by:**

NJG  
BDB  
DJS  
AJG

(Rev: 06/11/2019)

## **PHOTOS**



# Rescue Report

RSE2020

## GENERAL

Date of Rescue: 10 June 2020	Date of Initial Call: 06 June 2020	Filed by: A. Howell
Rescue ID: RSE2020	Facility ID: MSTm2015	Other ID:
FWC Case Number: 7115, 7355	FWC Region: SO-A	
Sex: Male	Length: 269 cm	Estimated: No
Weight: N/T kg	Estimated: No	
PIT Tag Present: No	PIT Tag Applied: No	R: L:
State: FL	County: St. Lucie	City: Port St. Lucie
Waterway: C-24 Canal		
Latitude (Decimal Degrees): 27.26028° N		Longitude (Decimal Degrees): -80.33121° W
Locality Description: approximately 60 m E of 2521 SE North Lookout Boulevard		
Method of Capture or Assistance: Boat Based: Net Set		

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
---	--	--------------------------------

Describe: One superficial healing wound on the caudal right dorsum, and one superficial scrape on the mid left dorsum. The manatee was distended on the right side, emaciated, right side high, and grounded in shallow water with breaths every 15-30s.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-06-10_FWC044_0348 through 0365; 2020-06-06_PUBLIC_SEFL_01; 2020-06-10_ARH_01 through 12	

**HISTORY**

<b>Date</b>	<b>Narrative</b>
<b>06 June 2020</b>	At 1610 hrs, FWC biologist-Blake Faucett (BMF) received a text alert from FWC SO Dispatch-Palm Beach regarding a manatee attempting to beach itself in Kitching Cove, Port St. Lucie, St. Lucie County. FWC case number 7115 was assigned. The complainant, Melissa Jensen (561-644-7889), stated a buoyant manatee with watercraft wounds had beached itself in shallow water, and moved to rest under mangroves when she approached it by boat. Video verification was sent at 1622 hrs but it was hard to confirm if the animal was injured. FWC-Officer Jon Arnold texted FWC biologist-Amber Howell (ARH) and stated he was going to look since the complainant was no longer in the area. At 1930 hrs, Officer Arnold advised he could not find the manatee.
<b>09 June</b>	At 2040 hrs, FWC on call biologist-Anna Panike (ALP) received a text alert from Dispatch regarding a manatee with a watercraft wound on its back floating in Port St Lucie. FWC case number 7355 was assigned. The complainant, Dianne Sullivan (561-345-5463), stated she was concerned that the manatee wasn't moving much. When a jet ski approached, it swam away and she could no longer see it. No photos were available. The information was passed to the FWC Tequesta field station, and ARH stated she and BMF would look for the manatee via kayak the following morning
<b>10 June</b>	BMF and ARH launched kayaks at 1000 hrs, located the manatee in shallow water at 1015 hours, and verified it needed rescued. BMF stayed with the manatee while ARH drove back to the Tequesta field station to get the capture boat and assemble a rescue team, which included FWC's ECFL, Harbor Branch Oceanographic Institute, and FWC LE. At 1305 hrs, the rescue team arrived at the manatee, captured the manatee by 1335 hours, and loaded it in the rescue truck by 1415 hrs. The manatee was transported to Miami Seaquarium, arriving at 1615 hrs. At 1820 hrs, ARH received a text from Miami Seaquarium-Maya Rodriguez that the manatee had passed away.

**PARTICIPANTS**

FWC SEFL: Amber Howell, Blake Faucett

FWC SEFL Intern: Ian Anderson

FWC ECFL: Sara Wappes

Harbor Branch Oceanographic Institute Staff: Wendy Marks, Brittany Baldrice, Madison Hahn

FWC Officers: Melissa Miano and Randy Irwin

**Edited by:**

NJG

BDB

AJG

(Rev: 06/11/2019)

PHOTOS





# Rescue Report

RSE2022

## GENERAL

Date of Rescue: 14 September 2020	Date of Initial Call: 06 September 2020	Filed by: A. Howell		
Rescue ID: RSE2022	Facility ID: SWFTm2032b	Other ID: MI146		
FWC Case Number: 14563,14897, 14898, 14910, 14985, 15140		FWC Region: SO-A		
Sex: Male	Length: 300 cm	Estimated: No	Weight: 450 kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: St Lucie	City: Ft Pierce	Waterway: Indian River	
Latitude (Decimal Degrees): 27.53374° N		Longitude (Decimal Degrees): -80.34843° W		
Locality Description: 250m NE of the boat ramp at Harbor Branch Oceanographic Institute: 5600 US-1				
Method of Capture or Assistance: Boat Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

## Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
---	--	--------------------------------

Describe: Superficial watercraft wound series consisting of one linear wound extending from mid dorsum to mid right dorsum and three perpendicular propeller wounds. The tail also had a watercraft wound series consisting of one superficial, linear, healing wound with three perpendicular, slightly penetrating, healing propeller wounds near the 6 o'clock aspect. The manatee was observed listing left side high, excessively buoyant, and presented with elevated respiration rates.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>

## Rescue Report

RSE2022

Photographs file name	2020-09-06_PUBLIC_SEFL_08 through 10; 2020-09-10_PUBLIC_SEFL_01 through 05; 2020-09-11_PUBLIC_SEFL_02, 03; 2020-09-14_PUBLIC_SEFL_04; 2020-09-14_FWC044_0710 through 0723
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### HISTORY

Date	Narrative
<b>06 September 2020</b>	At 1308 hrs, FWC biologist-Austin Peek (AP) received a text alert from FWC SO Dispatch-Palm Beach regarding an injured manatee in Blue Hole Creek, Ft Pierce, St Lucie County. FWC case number 14563 was assigned. The complainant, Pat (561-329-5226), reported the manatee had a large gash on its back and was bobbing at the surface. Video verification was received at 1325 hrs. From videos, the manatee had a fresh, superficial, linear wound across the back, but was level in the water and able to fully submerge but presented with an elevated respiration rate. AP requested FWC Volunteer-Laure Aleixo respond. Laurie arrived at 1445 hrs and reported the manatee was slightly listing when at rest but did observe it submerging and swimming normally. The decision was made to monitor the animal.
<b>10 September</b>	At 1640 hrs, FWC biologist-Blake Faucett (BMF) received a text alert from Dispatch regarding the same manatee in Wildcat Cove, Ft Pierce. FWC case number 14897 was assigned. The complainant, Megan (321-689-7825), reported the manatee was unable to submerge. Video confirmation was received at 1644 hrs, which showed a buoyant manatee but was too far away to confirm details. The caller offered to take her paddleboard out to take better photos. BMF received a 2 <sup>nd</sup> call from Dispatch regarding the same manatee. FWC case number 14898 was assigned. The complainant, FWC volunteer-Penny Tranchilla (321-438-8733), stated the manatee had not submerged for over 45 minutes, but was too far away to get photos or videos. BMF received further photos and videos from Megan at 1718 hrs, which confirmed it was the same animal reported on 06 September, and that the animal was buoyant and listing at a 90-degree angle. FWC-Officer Melissa Miano responded by boat at 1750 hrs and confirmed the 9ft manatee was listing and breathing rapidly. Due to time of day, a rescue was postponed. At 1918 hrs, FWC afterhours biologist-Nadia Gordon (NJG) received a text alert from Dispatch regarding the same manatee. FWC case number 14910 was assigned. The complainant, Jeff Wilcox (561-714-8369), reported a manatee swimming on its side, unable to submerge, with a large gash on its back. No photos were available, and the caller stated they last saw it swimming towards Little Jim Bridge.
<b>11 September</b>	At 1820 hrs, FWC afterhours biologist- Brandon Bassett (BLB) received a text alert from Dispatch regarding the same manatee. FWC case number 14985 was assigned. The complainant, Mike Smith (828-734-5974), reported seeing a listing, buoyant manatee near spoil island 14 in Ft Pierce, but had lost sight of the animal. No photos or videos were available. At 1848 hrs, BLB received a

text that the caller had relocated the manatee. Video confirmation was received at 1854 hrs. Due to time of day a rescue was postponed.

## 14 September

At 1302 hrs, FWC biologist- Amber Howell (ARH) received a text alert from Dispatch regarding an injured manatee near DJ Wilcox Nature Preserve in Ft Pierce. FWC case number 15140 was assigned. ARH left a voicemail with the complainant, Lina (561-398-0463). At 1315 hrs, ARH tried Lina again with no answer, and put in a request for FWC LE to assist since this was likely the pending rescue. Lina called ARH back at 1320 hrs and was able to provide an updated location and video confirming it was the previously reported manatee. ARH organized a rescue team. At 1410 hrs, FWC- Officers Elisha Cernuto and Ronald Stoker arrived by boat and searched the last known location and could not locate the manatee. They agreed to keep searching while FWC-Officer James Payne went to DJ Wilcox Nature Preserve by land to look. At 1422 hrs, Officer Cernuto called ARH to update that she had located the manatee heading north along the west shoreline of the preserve. The rescue boat was launched from Harbor Branch at 1530 hrs and arrived at the manatee at 1600 hrs. The manatee was captured on the first set and pulled onto the rescue boat by 1630 hrs. The manatee was loaded into the transport truck by 1705 hrs, and ECFL staff transported the manatee to SeaWorld Orlando, arriving at 1905 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Blake Faucett, Austin Peek

FWC ECFL: Bill Greer, Sara Wappes

FWC LE: James Payne, Elisha Cernuto, Ronald Stoker

Harbor Branch Oceanographic Institute: Steve Burton, Wendy Marks, Brooke Davis, Madison Hahn

## Edited by:

NJG  
BDB  
AJG

(Rev: 06/11/2019)

PHOTOS



# Rescue Report

RSE2023

## GENERAL

Date of Rescue: 16 September 2020	Date of Initial Call: 15 September 2020	Filed by: A. Howell
Rescue ID: RSE2023	Facility ID: SWFTm2033b	Other ID: REC1221, "Braille", SWFTm1218b
FWC Case Number: 15235	FWC Region: SO-A	
Sex: Female	Length: 273 cm	Estimated: No
Weight: 290 kg	Estimated: No	
PIT Tag Present: Yes	PIT Tag Applied: No	R: 00-074F-DFE0
L: 00-074F-D685		
State: FL	County: Martin	City: Palm City
Waterway: St. Lucie River (S. Fork)		
Latitude (Decimal Degrees): 27.18187 ° N		Longitude (Decimal Degrees): -80.27128° W
Locality Description: approximately 35 m ENE of 1873 SW Mockingbird Lane		
Method of Capture or Assistance: Boat Based: Net Set		

## REASON FOR RESCUE

Check one of the following:

<input checked="" type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

### Watercraft

Check all that apply:

<input type="checkbox"/> Penetrating Cuts	<input checked="" type="checkbox"/> Impact	<input type="checkbox"/> Other
---	--	--------------------------------

Describe: Healing, superficial wound series consisting of one linear wound extending from the mid left lateral aspect to mid dorsum with three perpendicular propeller wounds. The linear wound was associated with a large hump. The manatee was floating with the lump out of the water and would rock right side high when taking a breath. The left side of the body did not distend when the manatee took a breath. The manatee was emaciated.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-09-16_FWC049_2276 through 2290	



**HISTORY**

<b>Date</b>	<b>Narrative</b>
<b>15 September 2020</b>	At 1905 hrs, FWC afterhours biologist-Brandon Bassett (BLB) received a text alert from FWC SO Dispatch-Palm Beach regarding an injured manatee in St. Lucie River, Palm City, Martin County. FWC case number 15235 was assigned. The complainant, Kerry (772-260-0482), reported a manatee that had been floating behind their house since 1500 hrs, and the manatee was having a hard time submerging. Video verification was received at 1925 hrs, which confirmed the manatee was emaciated and had a chronic watercraft wound. BLB passed the information to the SEFL, but due to time of day, a rescue was postponed.
<b>16 September</b>	At 0655 hrs, FWC biologist-Amber Howell (ARH) arrived at the Meridian Marina, near the reported address, to search for the manatee. ARH called Kerry at 0705 hrs, who stated the manatee was still behind her home. ARH arrived at the manatee's location at 0710 hrs. ARH contacted ECFL, FWRI Fisheries, and Harbor Branch Oceanographic Institute staff to request rescue and transport assistance. The rescue team was with the manatee by 1050 hrs, and the manatee was captured in an open water set by 1112 hrs. The manatee was loaded into the ECFL transport truck by 1145 hrs and transported to SeaWorld Orlando, arriving by 1350 hrs.

**PARTICIPANTS**

FWC SEFL: Amber Howell, Blake Faucett

FWC ECFL: Bill Greer, Sara Wappes, Carley Metcalf

FWC FWRI Fisheries: Sarah Webb

Harbor Branch Oceanographic Institute: Wendy Marks, Brooke Davis, Megan Hoffman, Lydia Moreland

**Edited by:**

NJG

BDB

AJG

(Rev: 06/11/2019)

PHOTOS



# Rescue Report

RSE2025

## GENERAL

Date of Rescue: 02 December 2020	Date of Initial Call: 02 December 2020	Filed by: B. Faucett		
Rescue ID: RSE2025	Facility ID:	Other ID: MSE20100		
FWC Case Number: N/A	FWC Region: SO-A			
Sex: Female	Length: 315 cm	Estimated: No	Weight: N/T kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: St. Lucie	City: Ft. Pierce	Waterway: Ten Mile Creek	
Latitude (Decimal Degrees): 27.40291° N		Longitude (Decimal Degrees): -80.39885° W		
Locality Description: Directly west of the Gordy Road Structure				
Method of Capture or Assistance: Land Based: Opened Structure				

## REASON FOR RESCUE

Check one of the following:

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Watercraft     | <input type="checkbox"/> Entanglement            | <input checked="" type="checkbox"/> Entrapment (Human) |
| <input type="checkbox"/> Cold Stress    | <input type="checkbox"/> Red Tide                | <input type="checkbox"/> Tidally Stranded              |
| <input type="checkbox"/> Calf by itself | <input type="checkbox"/> Other: (Specify): _____ |  |

## Entrapment-Human Related

Describe: The manatee cow/calf pair were trapped west of the Gordy Road Structure.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-12-02_FWC044_0979 through 1002	

## HISTORY

Date	Narrative
02 December 2020	At 1115 hrs, FWC biologist-Amber Howell (ARH) received a direct call from North St. Lucie Water Control District-Bill Price (772-201-4781), regarding a manatee trapped behind the Gordy Road Structure in Ten Mile Creek, Ft. Pierce, St. Lucie County. No FWC case number was assigned. Bill stated there

was a large manatee resting its head on the top of the weir and appeared to be looking to go over. ARH arrived at the manatee's location by 1210 hrs, and by 1215 hrs had verified there was a mom and calf pair trapped on the west of the structure. In an effort to free the manatees, it was decided to open the structure gate, and the manatees were past the gate by 1220 hrs. Immediately after opening the gate, ARH saw the adult thrash her tail downstream of the structure. After 20 minutes of observation, it was presumed the manatees were past the turnpike overpass, so ARH moved further downstream to see them swim by. While searching at a nearby nature preserve, ARH noted shallow water and downed trees, so she contacted FWC biologist-Blake Faucett (BMF) to request a kayak to search the area. At 1420 hrs, ARH met FWC intern-Jordan Wheatley at the structure with a kayak and immediately discovered RSE2025 floating belly-up. ARH kayaked out to the manatee and confirmed the deceased manatee was the female from the structure based on the scar patterns. The calf was not located.

## **PARTICIPANTS**

FWC SEFL: Amber Howell

FWC Intern: Jordan Wheatley

North St. Lucie Water Control District: Bill Price

## **Edited by:**

NJG  
BDB  
AJG

(Rev: 06/11/2019)

## **PHOTOS**







# Rescue Report

RSE2026

## GENERAL

Date of Rescue: 02 December 2020	Date of Initial Call: 02 December 2020	Filed by: B. Faucett		
Rescue ID: RSE2026	Facility ID:	Other ID:		
FWC Case Number: N/A	FWC Region: SO-A			
Sex: Unknown	Length: 170 cm	Estimated: Yes	Weight: N/T kg	Estimated: No
PIT Tag Present: Unk	PIT Tag Applied: No	R:	L:	
State: FL	County: St. Lucie	City: Ft. Pierce	Waterway: Ten Mile Creek	
Latitude (Decimal Degrees): 27.40291° N		Longitude (Decimal Degrees): -80.39885° W		
Locality Description: Directly west of the Gordy Road Structure				
Method of Capture or Assistance: Land Based: Opened Structure				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input checked="" type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

### Entrapment-Human Related

Describe: The manatee cow/calf pair were trapped west of the Gordy Road Structure.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-12-02_FWC043_0974 through 0997	

## HISTORY

Date	Narrative
02 December 2020	At 1115 hrs, FWC biologist-Amber Howell (ARH) received a direct call from North St. Lucie Water Control District-Bill Price (772-201-4781), regarding a manatee trapped behind the Gordy Road Structure in Ten Mile Creek, Ft. Pierce, St. Lucie County. No FWC case number was assigned. Bill stated there

was a large manatee resting its head on the top of the weir and appeared to be looking to go over. ARH arrived at the manatee's location by 1210 hrs, and by 1215 hrs had verified there was a mom and calf pair trapped on the west of the structure. In an effort to free the manatees, it was decided to open the structure gate, and the manatees were past the gate by 1220 hrs. Immediately after opening the gate, ARH saw the adult thrash her tail downstream of the structure. After 20 minutes of observation, it was presumed the manatees were past the turnpike overpass, so ARH moved further downstream to see them swim by. While searching at a nearby nature preserve, ARH noted shallow water and downed trees, so she contacted FWC biologist-Blake Faucett (BMF) to request a kayak to search the area. At 1420 hrs, ARH met FWC intern-Jordan Wheatley at the structure with a kayak and immediately discovered RSE2025 floating belly-up. ARH kayaked out to the manatee and confirmed the deceased manatee was the female from the structure based on the scar patterns. The calf was not located.

**03 December**

ARH and BMF kayaked the area up to I-95 where the vegetation became too thick to pass by kayak (but over kayak paddle deep so a manatee could still get through) and did not find RSE2026.

**PARTICIPANTS**

FWC SEFL: Amber Howell

North St. Lucie Water Control District: Bill Price

**Edited by:**

NJG  
BDB  
AJG

(Rev: 06/11/2019)

**PHOTOS**

# Rescue Report

RSE2028

## GENERAL

Date of Rescue: 15 December 2020	Date of Initial Call: 02 December 2020	Filed by: A. Howell		
Rescue ID: RSE2028	Facility ID: N/A	Other ID:		
FWC Case Number: N/A	FWC Region: SO-A			
Sex: Male	Length: 285 cm	Estimated: No	Weight: N/T kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: St. Lucie	City: Ft. Pierce	Waterway: Ten Mile Creek	
Latitude (Decimal Degrees): 27.40113° N		Longitude (Decimal Degrees): -80.41988° W		
Locality Description: 900 m SW of 8319 Cobblestone Drive				
Method of Capture or Assistance: Land Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input checked="" type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input type="checkbox"/> Other: (Specify): _____	

### Entrapment-Human Related

Describe: The manatee is presumed to have swum through the Gordy Road structure during king tides and heavy rainfall the last week of October through the first week of November. With tides returning to normal and no following heavy rainfall, the downstream water level became significantly lower, and the manatee was trapped upstream behind the Gordy Road Structure.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Actual Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-12-02_FWC044_1015 through 1028; 2020-12-10_FWC043_3692, 3693; 2020-12-15_FWC044_1851 through 1877	

## HISTORY

Date	Narrative
<b>02 December 2020</b>	After kayaking RSE2025/MSE20100 to a field necropsy location, FWC biologist-Amber Howell (ARH) observed another adult manatee on the upstream side of the Gordy Road structure. No FWC case number was assigned. Photographs were taken and ARH informed FWC rescue coordinator-Andy Garrett. It was decided to recon the area for potential capture locations.
<b>03 December</b>	No manatees were observed on the upstream side of the structure while necropsying MSE20100.
<b>05 December</b>	FWC biologist- Blake Faucett (BMF) kayaked from the structure to the water control district pump station to assess capture locations. No manatees were observed.
<b>10 December</b>	FWC Intern- Jordan Wheatley located two manatees on the upstream side of the structure. It was determined that one of the manatees was the same animal previously observed by ARH on 02 December.
<b>12 December</b>	While responding to MSE20107, staff did not observe any manatees on the upstream side of the structure.
<b>14 December</b>	While doing recon of the area for a rescue planned for the following day, ARH located the original manatee at the pump station upstream from the structure.
<b>15 December</b>	The rescue team arrived at the capture location at 0900 hrs. The manatee was located at 0915 hrs swimming upstream of the pump station. A blocker net was deployed at 0930 hrs and the rescue boat and two jon boats were launched by 0945 hrs. The two jon boats headed upstream, located the manatee, and were used to herd the manatee downstream and into a land based net set at 1020 hrs. The manatee was captured by 1035 hrs and loaded into the transport truck by 1050 hrs.. A health assessment was completed by 1115 hrs, and the manatee was determined to be in good health The manatee was transported to the Fort Pierce Manatee Observation and Education Center by 1205 hrs, and was released by 1215 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Blake Faucett

FWC MMPL: Andy Garrett, Anna Panike, Sean Tennant

FWC ECFL: Bill Greer

FWC SEFL Interns: Alexa Herrendorf, Jordan Wheatley

FWC LE: Officer James Payne, Officer Elisha Cernuto

Harbor Branch Oceanographic Institute: Wendy Marks, Brittany Baldrice, Megan Hoffman,

Madison Hahn, Brook Davis, Lydia Hixon

St. Lucie Environmental Resource Division: Brion Pauley, Andrew Cunningham

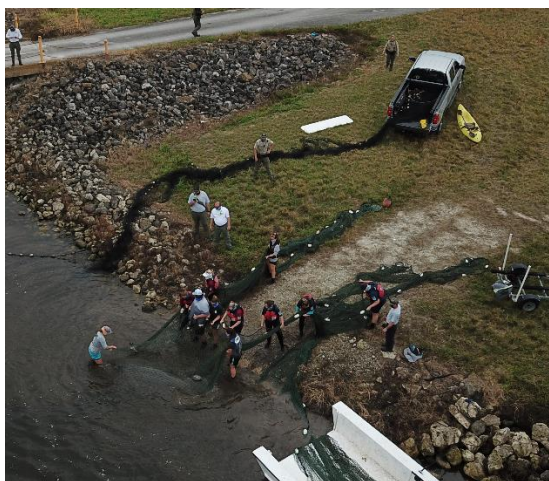


## Edited by:

NJG  
BDB  
AJG

(Rev: 06/11/2019)

## PHOTOS





# Rescue Report

RSE2029

## GENERAL

Date of Rescue: 16 December 2020	Date of Initial Call: 15 December 2020	Filed by: B. Faucett		
Rescue ID: RSE2029	Facility ID: MSTm2018	Other ID:		
FWC Case Number: 21371	FWC Region: SO-A			
Sex: Female	Length: 305 cm	Estimated: No	Weight: NT kg	Estimated: No
PIT Tag Present: No	PIT Tag Applied: No	R:	L:	
State: FL	County: Palm Beach	City: West Palm Beach	Waterway: Lake Worth Lagoon	
Latitude (Decimal Degrees): 26.76254° N		Longitude (Decimal Degrees): -80.05050° W		
Locality Description: 120 m SSE of 6000 N Flagler Drive				
Method of Capture or Assistance: Land Based: Net Set				

## REASON FOR RESCUE

Check one of the following:

<input type="checkbox"/> Watercraft	<input type="checkbox"/> Entanglement	<input type="checkbox"/> Entrapment (Human)
<input type="checkbox"/> Cold Stress	<input type="checkbox"/> Red Tide	<input type="checkbox"/> Tidally Stranded
<input type="checkbox"/> Calf by itself	<input checked="" type="checkbox"/> Other: (Specify): Natural; Starvation UME	

### Cold Stress, Red Tide, Tidally Stranded, Calf by itself or Other

Describe: The thin manatee was observed listing almost 90 degrees right side high and resting in shallow water. No external wounds were observed.

## VISUAL RECORD

	Photo - Digital	Video
Rescue Location	<input type="checkbox"/>	<input type="checkbox"/>
Animal Before Rescue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Rescue	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Animal After Rescue	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wounds	<input type="checkbox"/>	<input type="checkbox"/>
Scars	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gear Alone (if entangled)	<input type="checkbox"/>	<input type="checkbox"/>
Photographs file name	2020-12-16_FWC044_1888 through 1913	

## HISTORY

Date	Narrative
15 December 2020	At 1047 hrs, FWC intern-Alexa Herrendorf received a text alert from the Tequesta Field Station administrative secretary-Trish Randall regarding a direct report of an injured manatee in Lake Worth Lagoon, West Palm Beach, Palm Beach County. No FWC case number was assigned. The complainant, Nathan

(561-460-1156), stated the manatee was floating with its right side out of the water and was unable to submerge. Photo and video verification were received at 1110 hrs. Due to an ongoing rescue in Ft. Pierce (RSE2028), the decision was made to respond the following morning. At 1133 hrs, Alexa received a text alert from FWC SO Dispatch-Palm Beach regarding the same injured manatee. FWC case number 21371 was assigned. The complainant, Jim (561-718-6355), stated the manatee was floating right side high. Video verification was received at 1500 hrs. At 1912 hrs, Jim sent video verifying the manatee had not moved from the previously reported location. FWC biologist- Amber Howell (ARH) contacted Manatee Lagoon staff for assistance in searching the area the next morning.

## 16 December

At 0645 hrs, FWC biologist-ARH received a text from the Manatee Lagoon security guard stating that the injured manatee was still in the same location. FWC intern-Jordan Wheatley arrived at the manatee's location at 0715 hrs, confirmed it was the previously reported manatee, and sent photo verification to ARH. A rescue team arrived at the boat ramp at 0850 hrs, and were at the manatee's location by 0920 hrs. The manatee was captured in a modified boat based net set and brought onto the boat by 0930 hrs. The manatee was loaded into the transport truck by 1000 hrs, and transported to Miami Seaquarium, arriving by 1150 hrs.

## PARTICIPANTS

FWC SEFL: Amber Howell, Blake Faucett

FWC SEFL Interns: Jordan Wheatley, Alexa Herrendorf

Riviera Beach Police: Officer Ralph Brau

West Palm Beach Police: Officer Joanne Rumbelow, Sergeant Robert Heisser, Sergeant Deanna Rideau

Palm Beach Sheriff's Department: Deputy Mike O'Connor

Palm Beach Environmental Resource Management: Teal Kawana, Thomas Steinhoff

## Edited by:

NJG

BDB

AJG

(Rev: 06/11/2019)

**PHOTOS**

