

MAP REPORT FORM

Scale 1:100,000

Map Name: Islamorada State(s): Florida

MAP PREPARATION

Photography Used:

<u>Emulsion</u>	<u>Scale</u>	<u>Date</u>	<u>Percent Coverage</u>
1. CIR	1:80,000	1976	100%
2.			
3.			

Field Check Dates:

1. 11-1-77 - 11-4-77
- 2.
- 3.

Contractor(s) for Photo Interpretation:

1. Martel Labs
- 2.
- 3.

Collateral Data Used:

1. USGS topographic (1:24,000) maps
2. NOAA charts
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

GEOGRAPHY

General Location: 24°30' - 25°00' N. lat., 80° - 81° W. long.
extreme south Florida; encompasses east-central portion of Florida Keys

Bailey's Ecoregion Classification and Description:

1. 4110L - Humid Tropical Domain, Savannah Division, Everglades Province,
Lowland
- 2.
- 3.
- 4.

Hammond's Land Surface Form and Physical Subdivision:

1. (1-3)A1 - Gulf Atlantic Division, Eastern Gulf-Atlantic Coastal Flats
Subdivision, Flat Plains (>80% of area gently sloping, 0-100
feet relief)
- 2.
- 3.
- 4.

WETLAND COMMUNITIES

<u>MAP SYMBOLS</u>	<u>LOCAL NAME</u>	<u>DOMINANT VEGATATION</u>	<u>WATER REGIME</u>
M10W	Ocean	None	Subtidal
M1AB	Widgeon Grass Flats; Flats; Seagrass Bed	Turtlegrass (<u>Thalassia testudinum</u>) Manateeegrass (<u>Syring- odium filiforme-Cymodocea manatorum</u>) Shoalgrass (<u>Diplanthera wrightii-Halodule beaudettei</u>) Widgeongrass (<u>Ruppia maritima</u>) <u>Halophila baillonis</u> <u>Halophila engelmanni</u> Algae (<u>Caulerpa, Halimeda, Penicillus, Udotea, Ulva, Avrainvillea</u>)	Subtidal, Irregularly Exposed
E10W	Bay, Sound	None	Subtidal
E1AB	Widgeongrass Flats; As For M1AB Flats; Seagrass Bed		Subtidal (Irregularly Exposed)
E1RF	Coral Reef	Not Applicable	Subtidal
E2FL	Flat	None	Irregularly Flooded, Regularly Flooded, Irregularly Exposed
E2BB	Beach, Bar	None	As in E2FL
E2SS	Mangrove Swamp	(In descending order of flooding tolerance) Red Mangrove (<u>Rhizophora mangle</u>) Black Mangrove (<u>Avicennia germinans</u>) White Mangrove (<u>Laguncularia racemosa</u>) Buttonwood (<u>Conocarpus erecta</u>)	Irregularly Exposed (Red Mangrove Only) Regularly Flooded, Irregularly Flooded
E2F0	Mangrove Swamp	As for E2SS	As for E2SS
POWG	Pond	None	Intermittently exposed

SPECIAL MAPPING PROBLEMS

PROBLEM	RESOLUTION
1. <u>Determining intertidal zone.</u> _____ _____ _____	1. <u>Relied upon NOAA charts</u> _____ _____ _____
2. <u>Sedimentation obscuring marine and estuarine aquatic bed signatures.</u> _____ _____	2. <u>Continuous delineation was performed through these sediment obscured areas by referring to bottom contours.</u> _____ _____
3. <u>Marine-Estuarine Systems break</u> _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	3. <u>Aquatic bed delineations contiguous with Keys were classified as estuarine. In Florida Bay, a straight line was drawn from the southernmost upland point on Cape Sable (north of study area) due south until it intersected the above-mentioned aquatic bed-open water delineations. The area east of this line was classified as estuarine, west of this line was^{not} considered marine.</u> _____ _____
4. <u>Dated photography and locally intensive development resulted in difficult or impossible field verification.</u> _____	4. <u>Relied upon photographic signatures and delineated the areas as they appeared on the 1976 photography.</u> _____