



REPLY TO
ATTENTION OF

Operations Division
Eastern Evaluation Section

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
7400 LEAKE AVENUE
NEW ORLEANS, LOUISIANA 70160-0267

December 6, 2017

SUBJECT: MVN 2009-2747 EMM

Louisiana Department of Wildlife and Fisheries
2000 Quail Drive
Baton Rouge, Louisiana 70808

Gentlemen,

Revised plans attached in 5 drawings furnished with your request to enhance the existing Grand Isle 9 artificial reef site by installing and maintaining constructed reef materials to provide structural habitat for the purpose of enhancing fishing opportunities in the Gulf of Mexico, are approved and will be included in your plans for the work authorized by the Secretary of the Army in a permit, MVN 2009-02747 EMM, dated November 23, 2009, from the District Engineer at New Orleans, Louisiana. These plans are in addition to those of your original authorization. The permit is specifically extended to December 31, 2022.

The conditions, except the expiration date, to which the work is made subject remain in full force and effect. In addition, please provide as-builts of the completed work.

A copy of the first page of this permit approval letter must be conspicuously displayed at the project site. Also, you must keep a copy of this signed letter, with attached drawings, at the project site until the work is completed.

Permittee is aware that this office may re-evaluate its decision on this permit at any time the circumstances warrant.

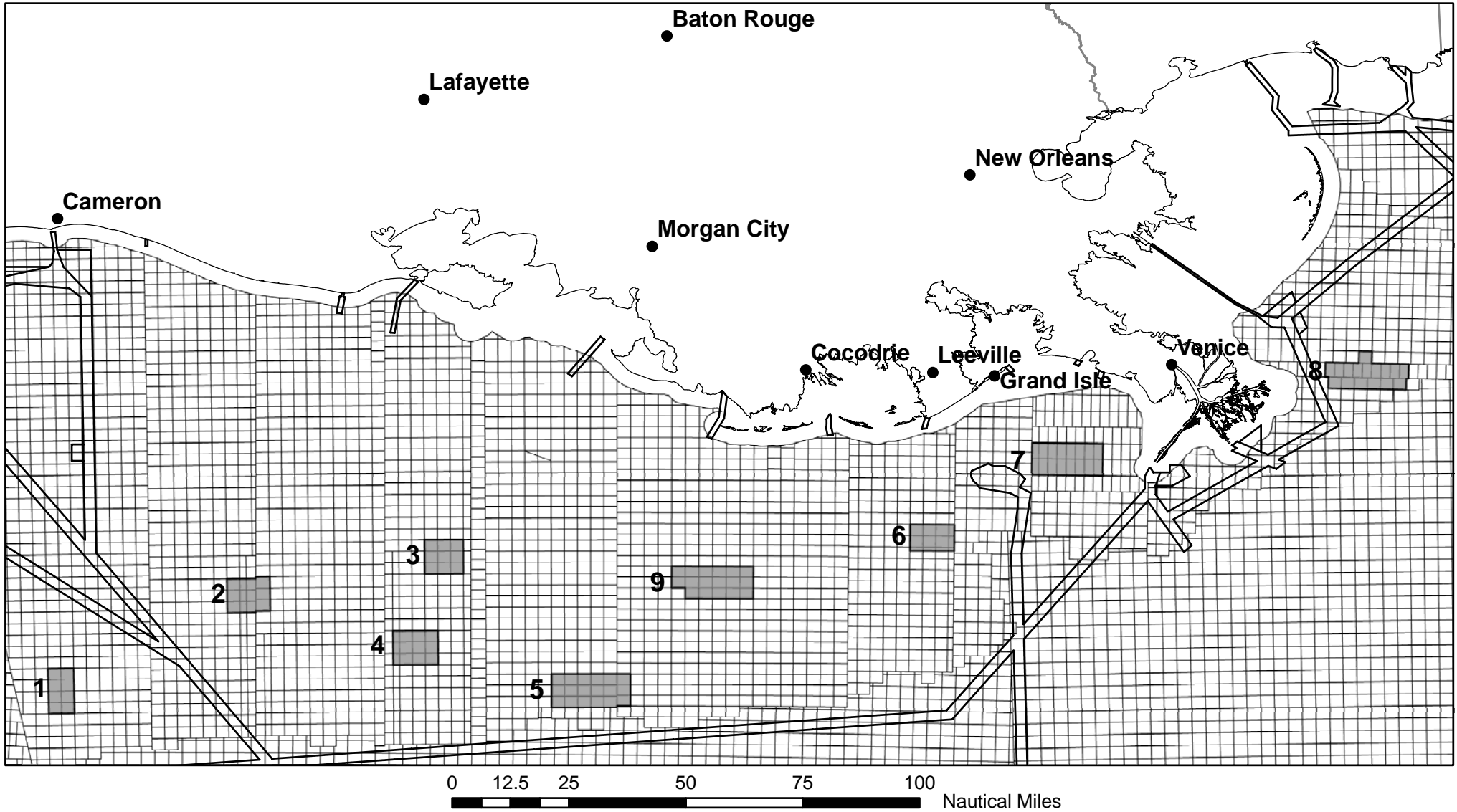
If the work authorized is not completed on or before the date herein specified, this authorization, if not previously revoked or specifically further extended, will cease and become null and void.




BY AUTHORITY OF THE SECRETARY OF THE ARMY:

Martin S. Mayer
Chief, Regulatory Branch
for
Michael N. Clancy
Colonel, U.S. Army
District Commander

Enclosure

Louisiana Artificial Reef Planning Areas

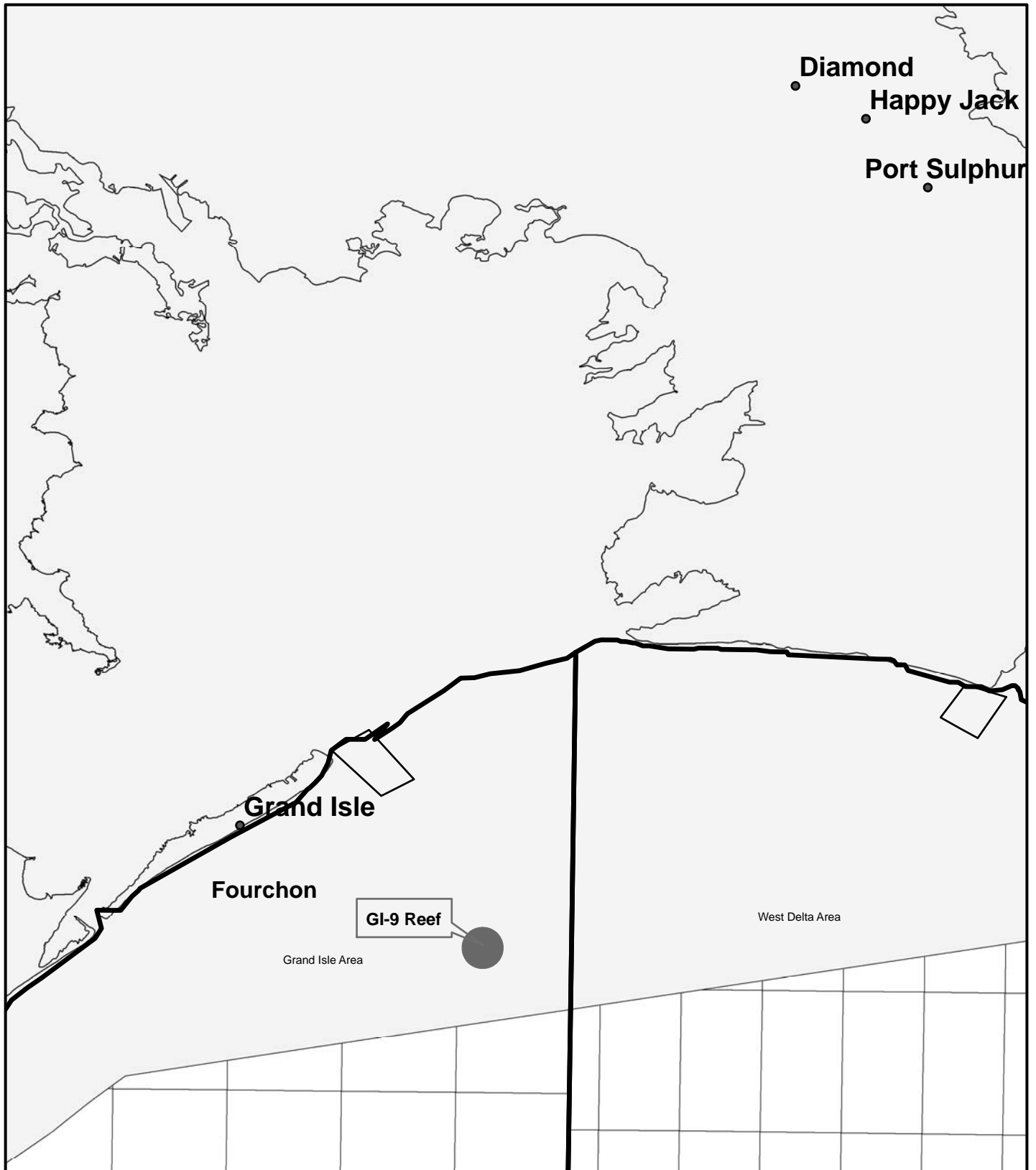


-  **Planning Areas**
-  **Fairways**
-  **OCS Blocks**

- Planning Areas**
- | | |
|---|----------------------------------|
| 1. West Cameron Planning Area | 6. South Timbalier Planning Area |
| 2. East Cameron Planning Area | 7. West Delta Planning Area |
| 3. South Marsh Island (76) Planning Area | 8. Main Pass Planning Area |
| 4. South Marsh Island (146) Planning Area | 9. Ship Shoal Planning Area |
| 5. Eugene Island Planning Area | |



Louisiana Artificial Reef Program



Diamond
Happy Jack
Port Sulphur

Grand Isle

Fourchon

GI-9 Reef

Grand Isle Area

West Delta Area

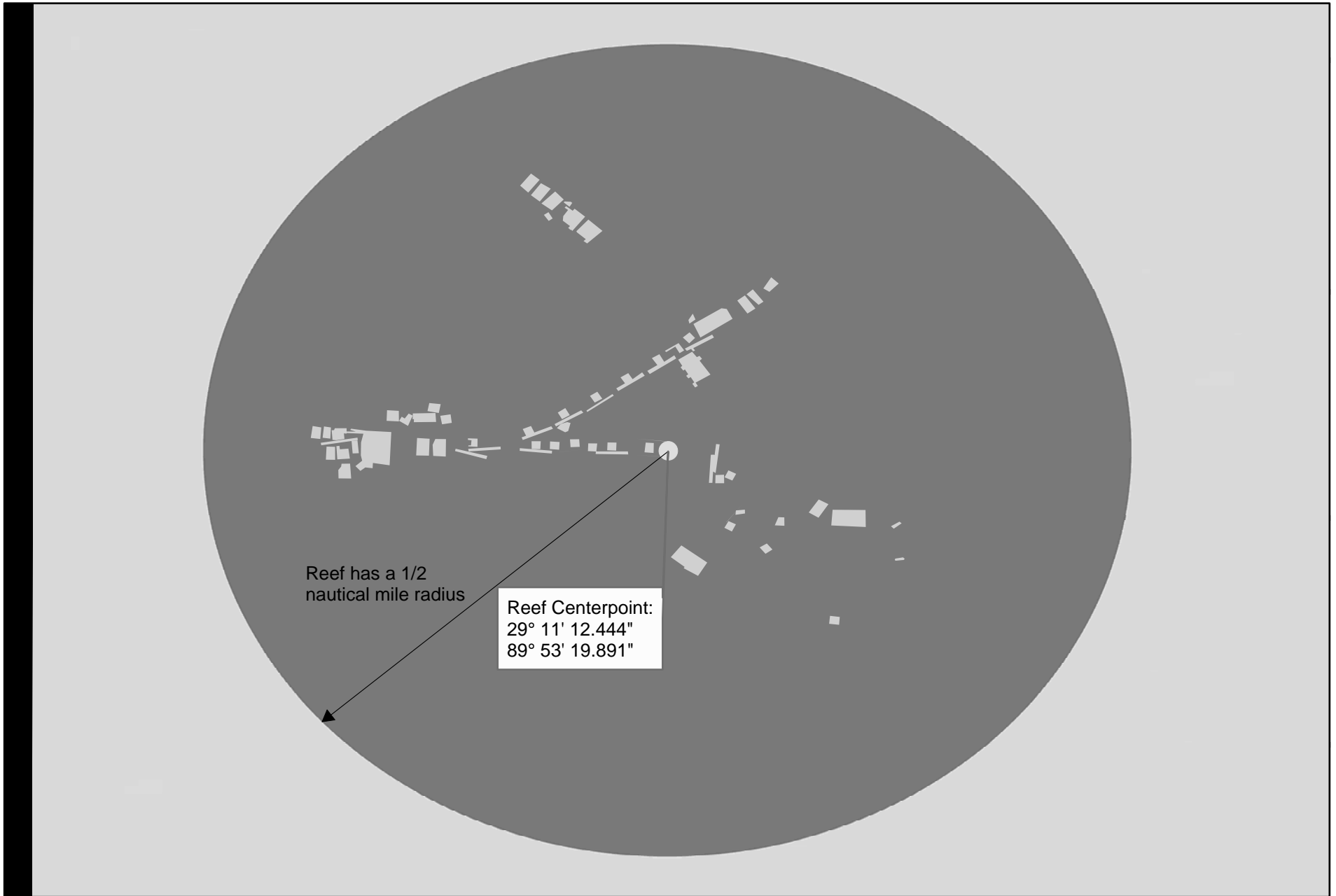
0 1 2 4 6 8 Nautical Miles

- Permitted Reef
- Fairways
- OCS Blocks



Grand Isle 9 Vicinity Map



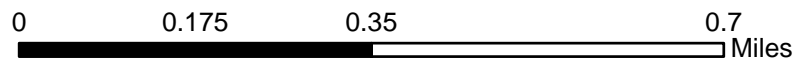
Louisiana Artificial Reef Program



Legend

-  Reefed Structures in GI-9 Reef
-  GI-9 Reef

Plan View: Grand Isle 9 Reef



March 09, 2017

Not to be used for navigation.

Established & Charted
Clearance: 27-ft

Minimum clearance:
30-ft

Maximum ht: 10-ft

Constructed reef material (10-12' wide)

Mudline: 40-ft

**Cross Section View of
Proposed Deployment
at GI-9 Reef**
March 9, 2017

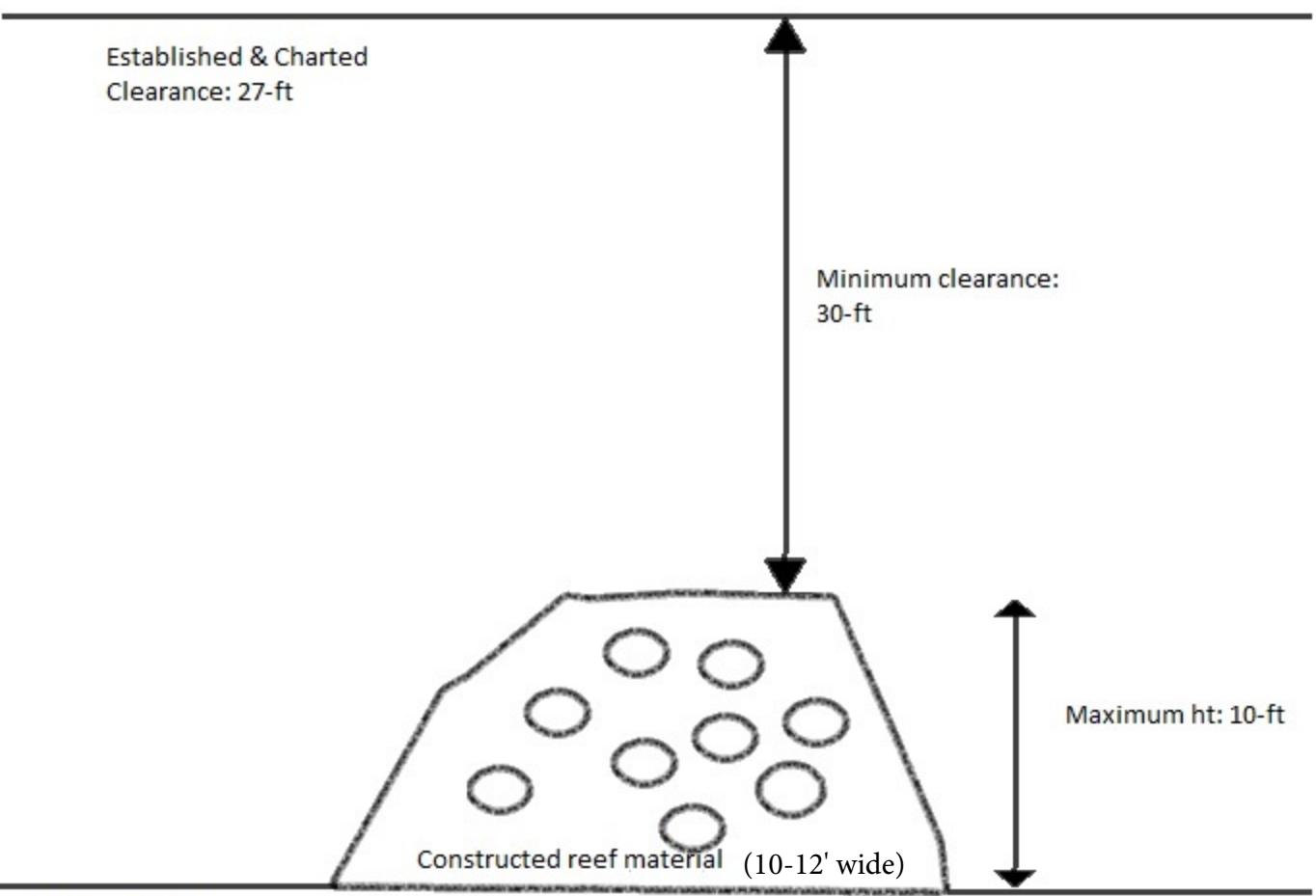


Figure 1



- 10' x 10' base
- 8' tall



- 12' x 12' x 12' base
- 10' tall