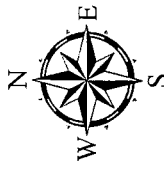
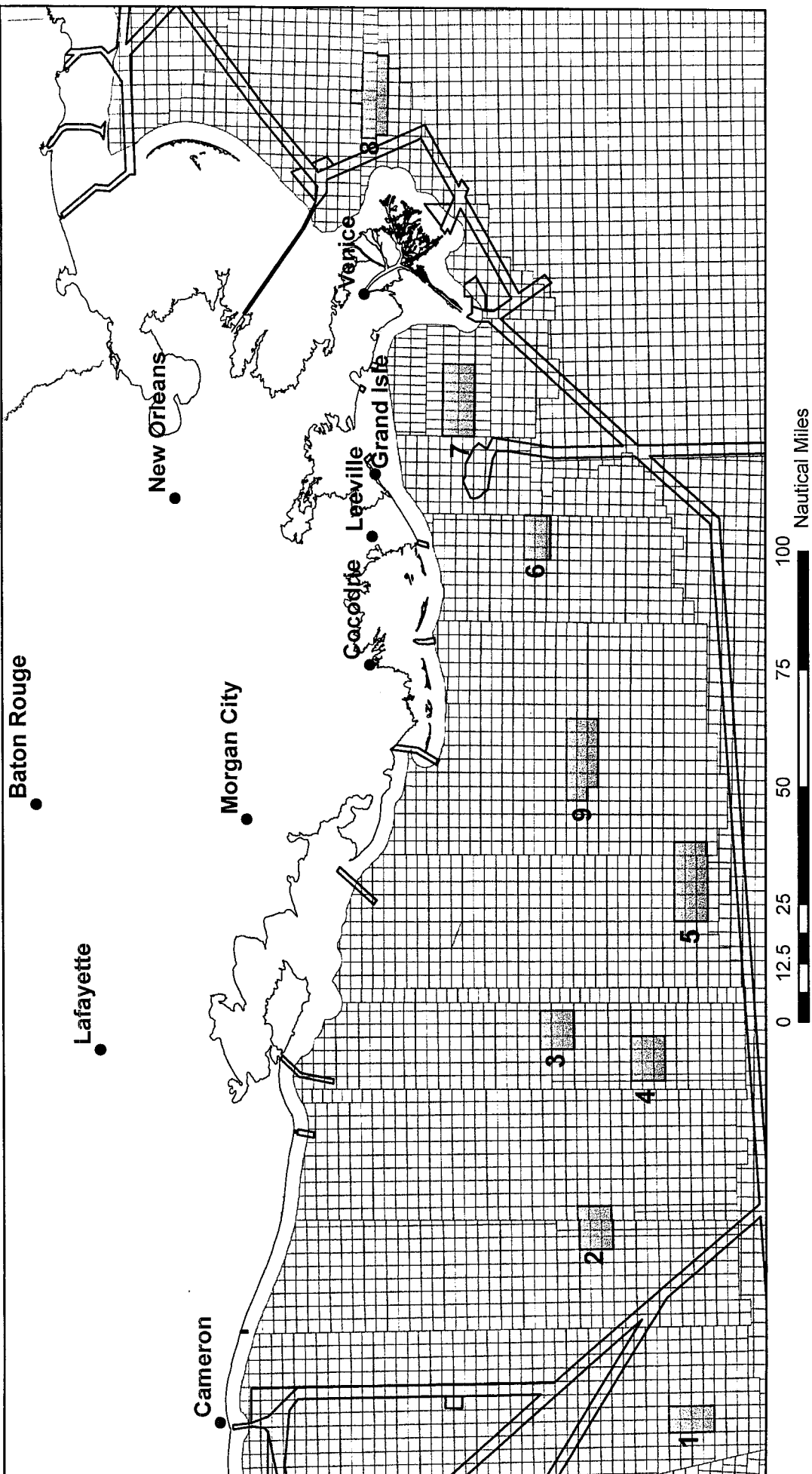


Louisiana Artificial Reef Planning Areas

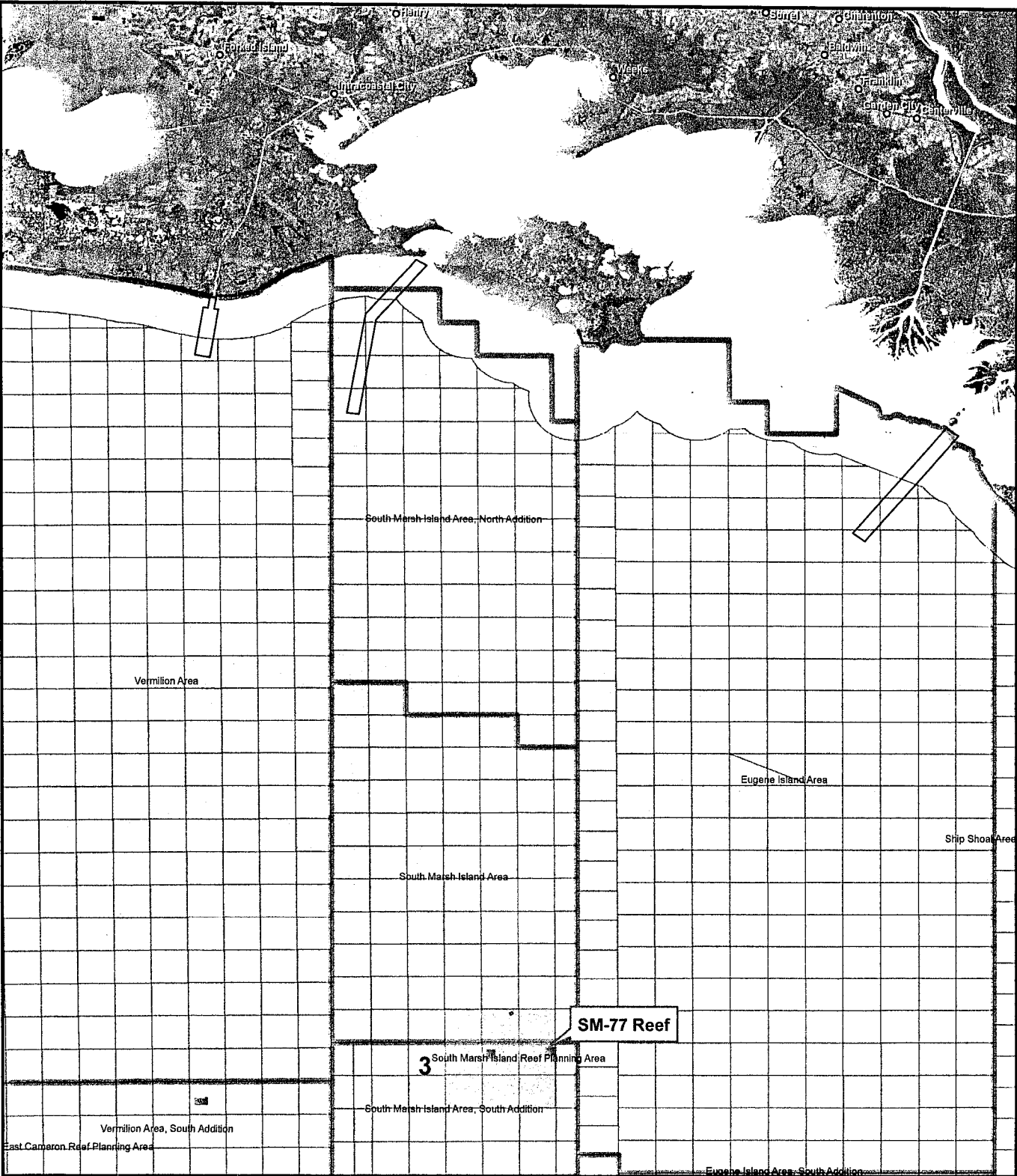


Planning Areas

- | | |
|---|----------------------------------|
| 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 | |

-  Planning Areas
-  Fairways
-  OCS Blocks

Louisiana Artificial Reef Program



- Planning Area
- Permitted Reef Sites
- Fairways
- OCS Blocks

0 5 10 20 Nautical Miles

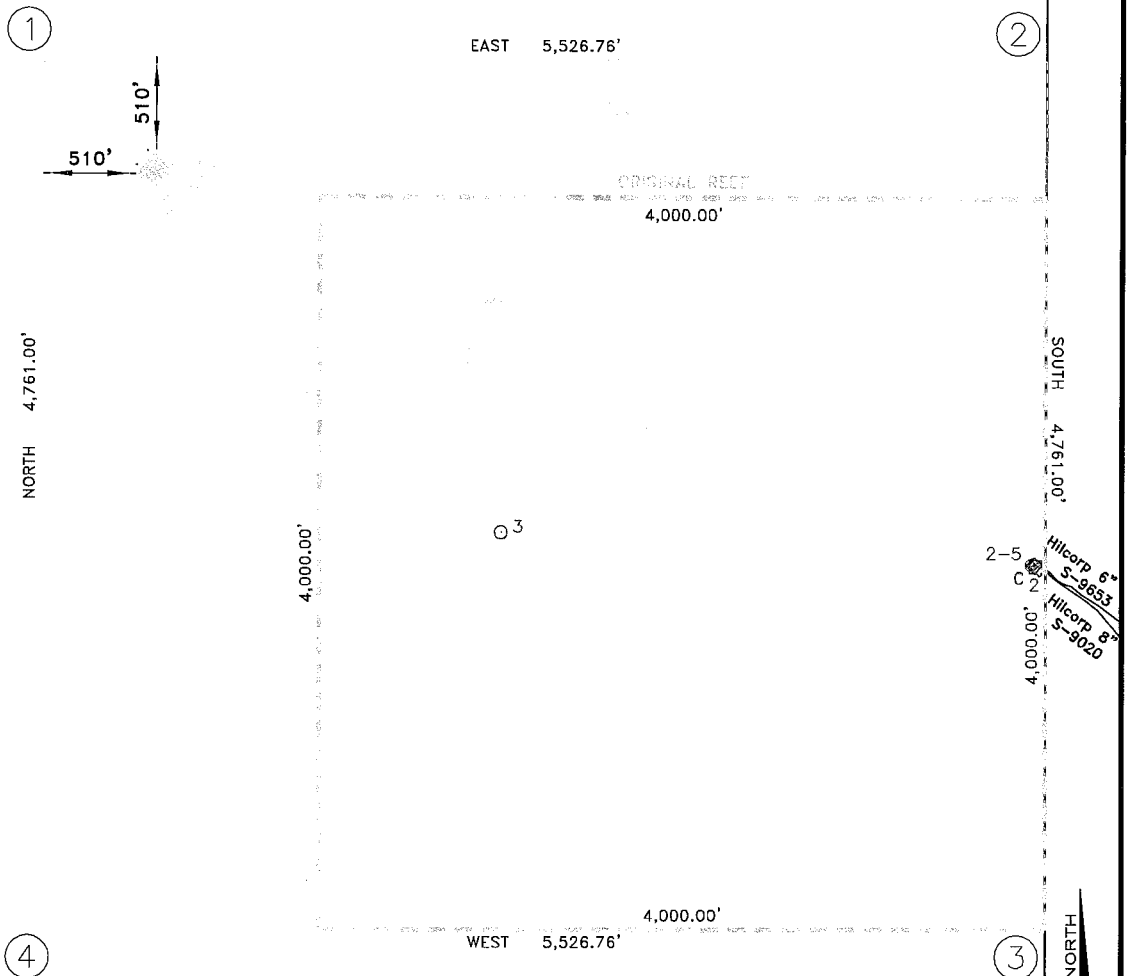
SM-77 Reef Vicinity Map



SM65

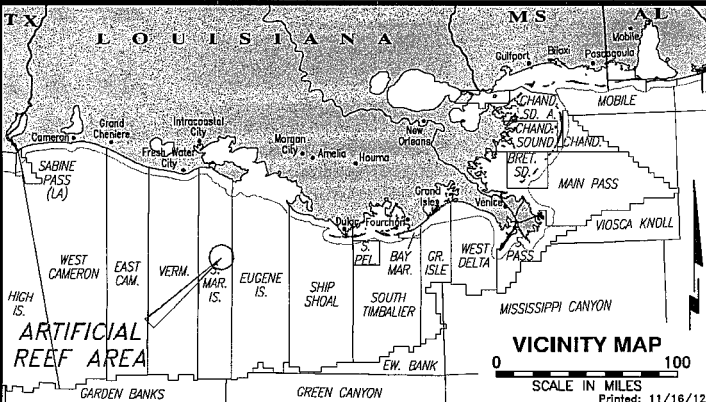
SM77
OCS-G-07703
Hilcorp

SM78



ARTIFICIAL REEF BOUNDARIES (PROPOSED)

LOCATION	X COORDINATE	Y COORDINATE	LATITUDE	LONGITUDE
1	1,818,952.00'	-21,115.00'	28° 36' 26.573"N	91° 53' 50.720"W
2	1,824,478.76'	-21,115.00'	28° 36' 26.838"N	91° 52' 48.731"W
3	1,824,478.76'	-25,876.00'	28° 35' 39.710"N	91° 52' 48.476"W
4	1,818,952.00'	-25,876.00'	28° 35' 39.445"N	91° 53' 50.458"W



Louisiana Dept. of Wildlife & Fisheries

ARTIFICIAL REEF AREA PROPOSED BOUNDARIES

BLOCK 77
SOUTH MARSH ISLAND AREA
GULF OF MEXICO

FUGRO CHANCE INC.
200 Dulles Dr. Lafayette, Louisiana 70506-3001 (337) 237-1300

GEODETIC DATUM: NAD27 PROJECTION: LOUISIANA SOUTH GRID UNITS: US SURVEY FEET	SCALE IN FEET 0 1,000'
Job No.: 1201509 Date: 11/15/12 Drwn: VAG	Chart: 0f: 1 1

Dwgfile: H:\2012\1201509\CAD\1201509A

Maintain Established and Charted Reef Clearance of 51-ft

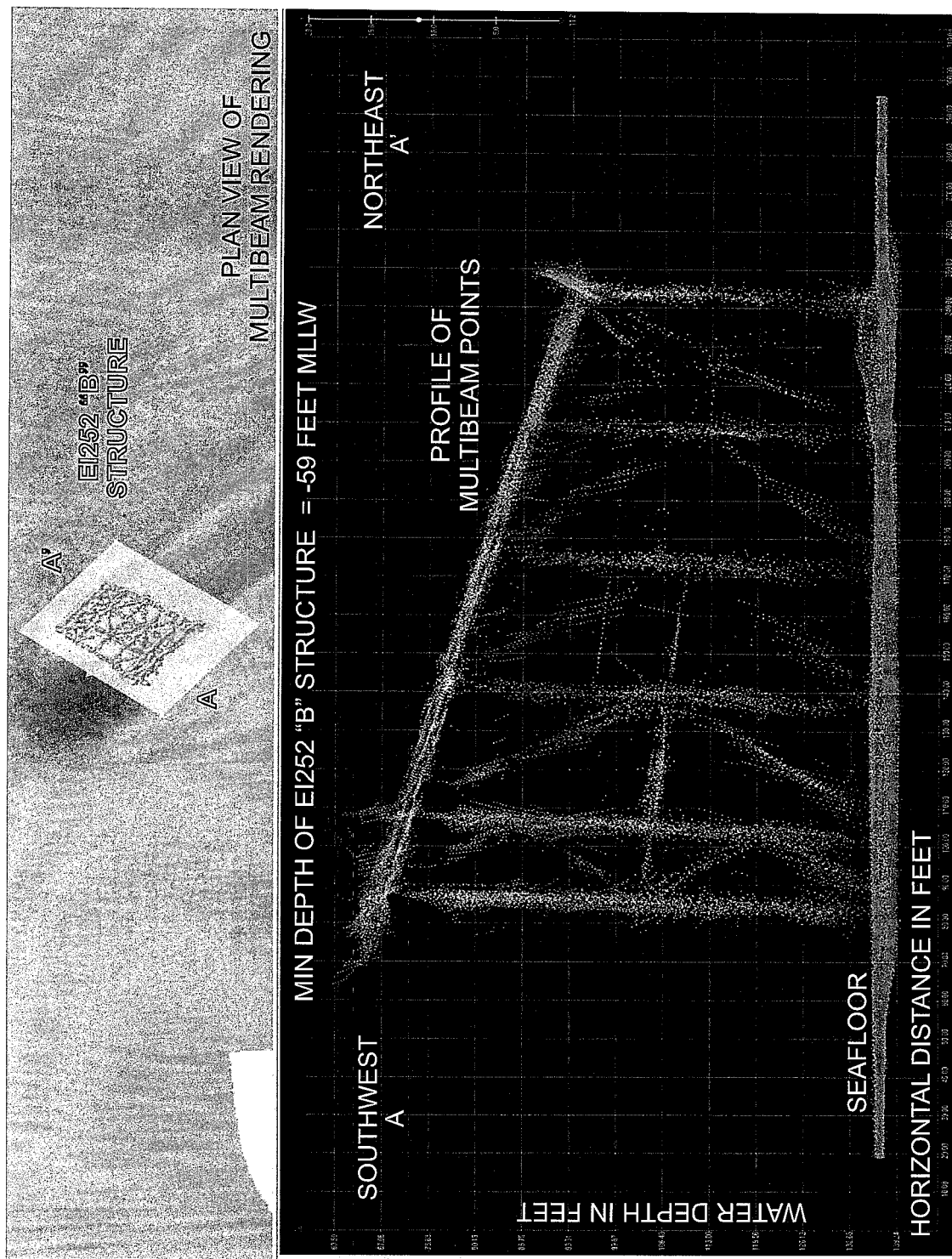


Figure1A_E1252_B_Str.cdr

PLAN AND PROFILE VIEWS OF MULTIBEAM BATHYMETRY DATA OVER A PORTION OF THE DESIGNATED REEF AREA WITHIN SOUTH MARSH ISLAND AREA, BLOCK 77