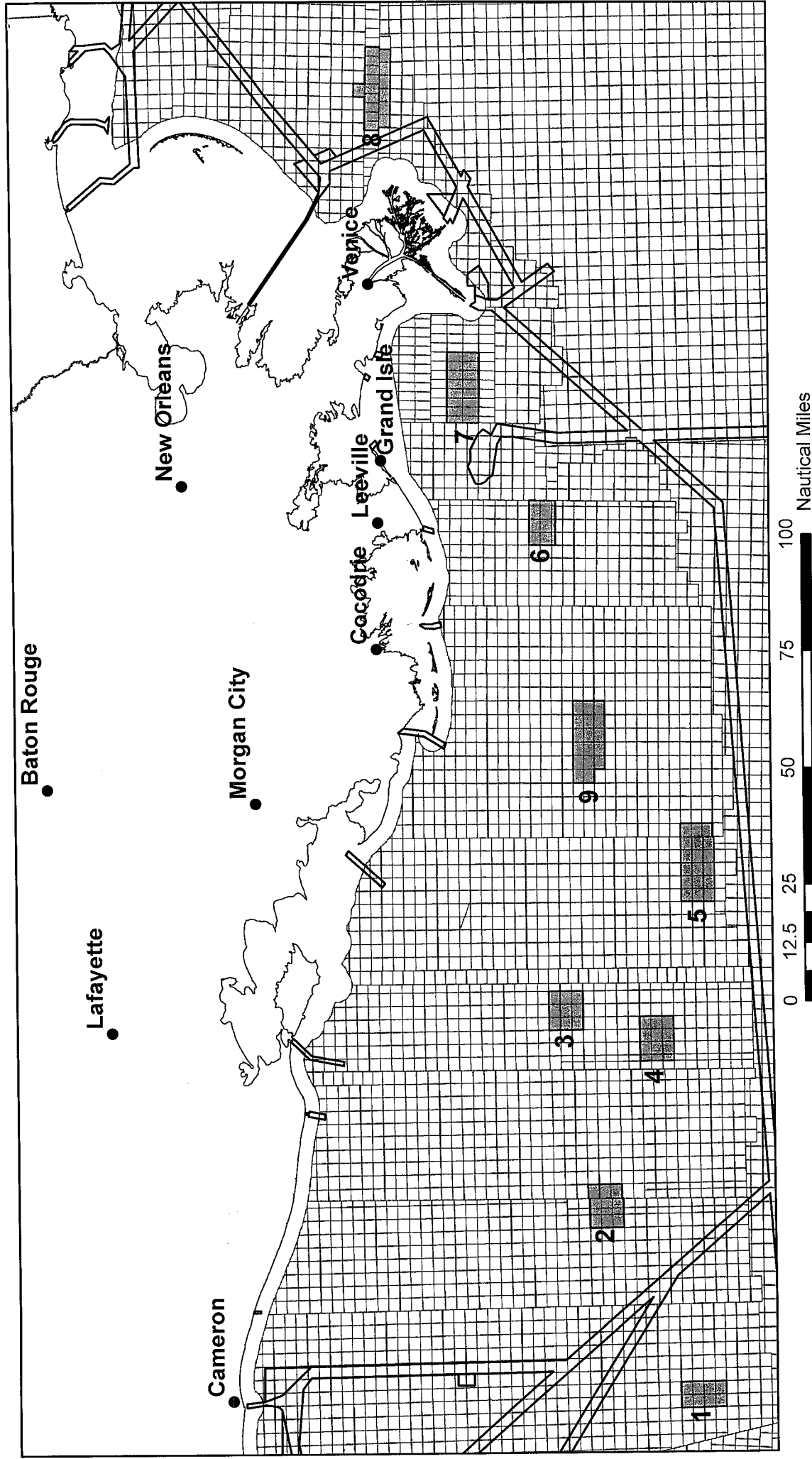


Louisiana Artificial Reef Planning Areas



Planning Areas

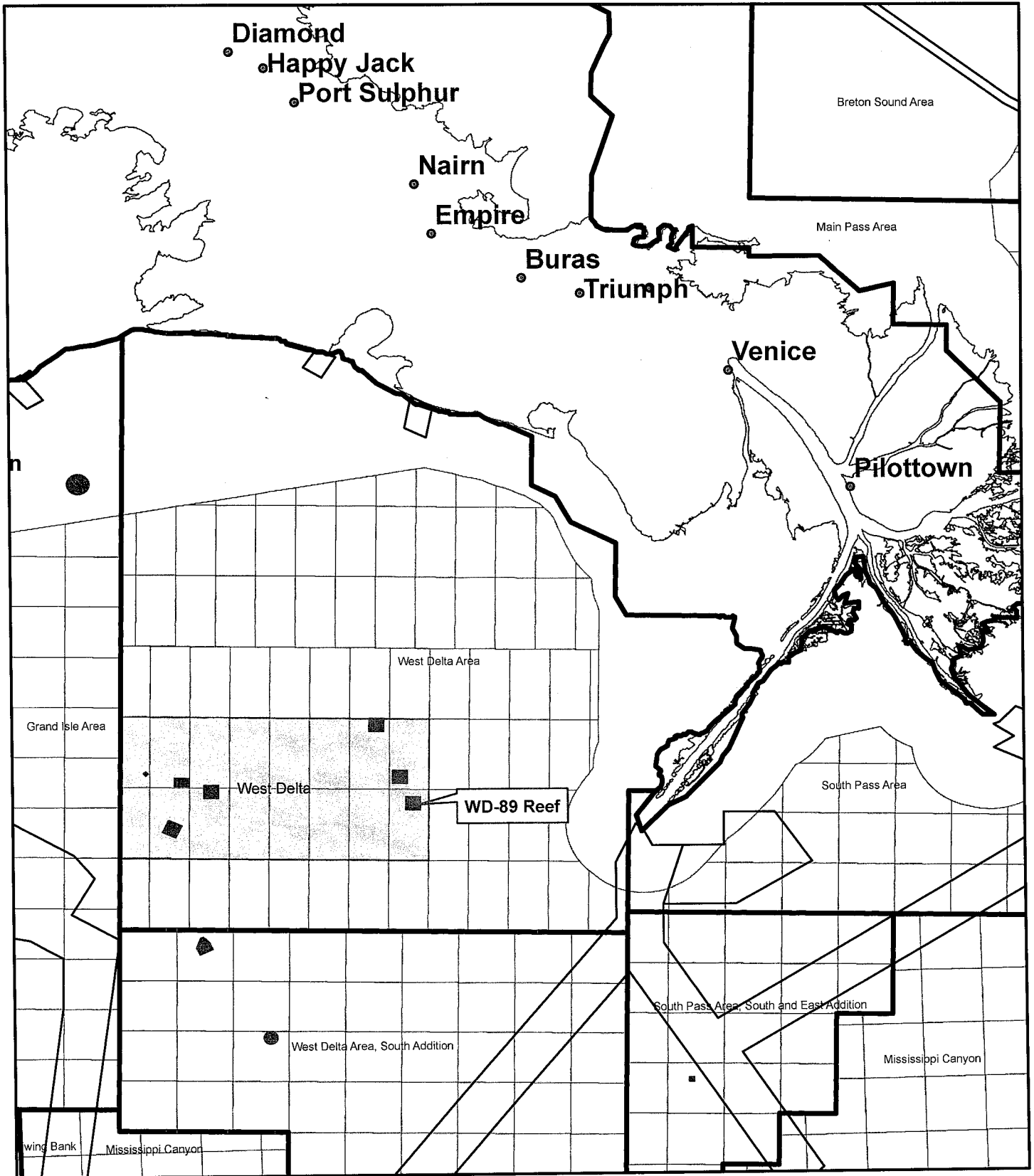
1. West Cameron Planning Area
2. East Cameron Planning Area
3. South Marsh Island (76) Planning Area
4. South Marsh Island (146) Planning Area
5. Eugene Island Planning Area
6. South Timbalier Planning Area
7. West Delta Planning Area
8. Main Pass Planning Area
9. Ship Shoal Planning Area

Planning Areas

Fairways

OCS Blocks

Louisiana Artificial Reef Program

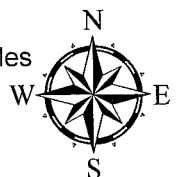


- Planning Area
- Permitted Reef Sites
- Fairways
- OCS Blocks

0 2.5 5 10 15 20

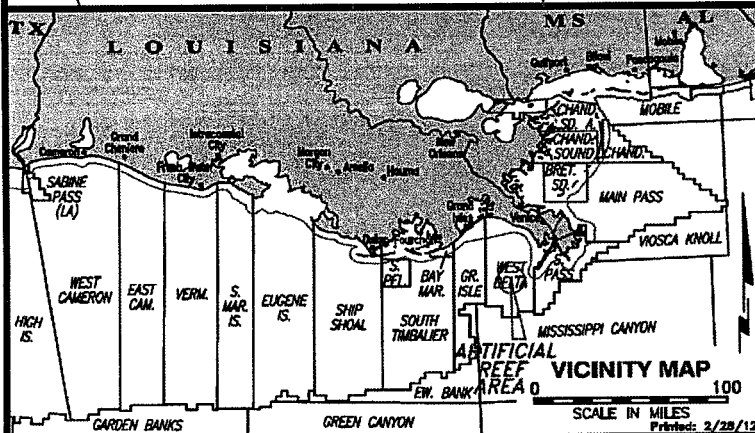
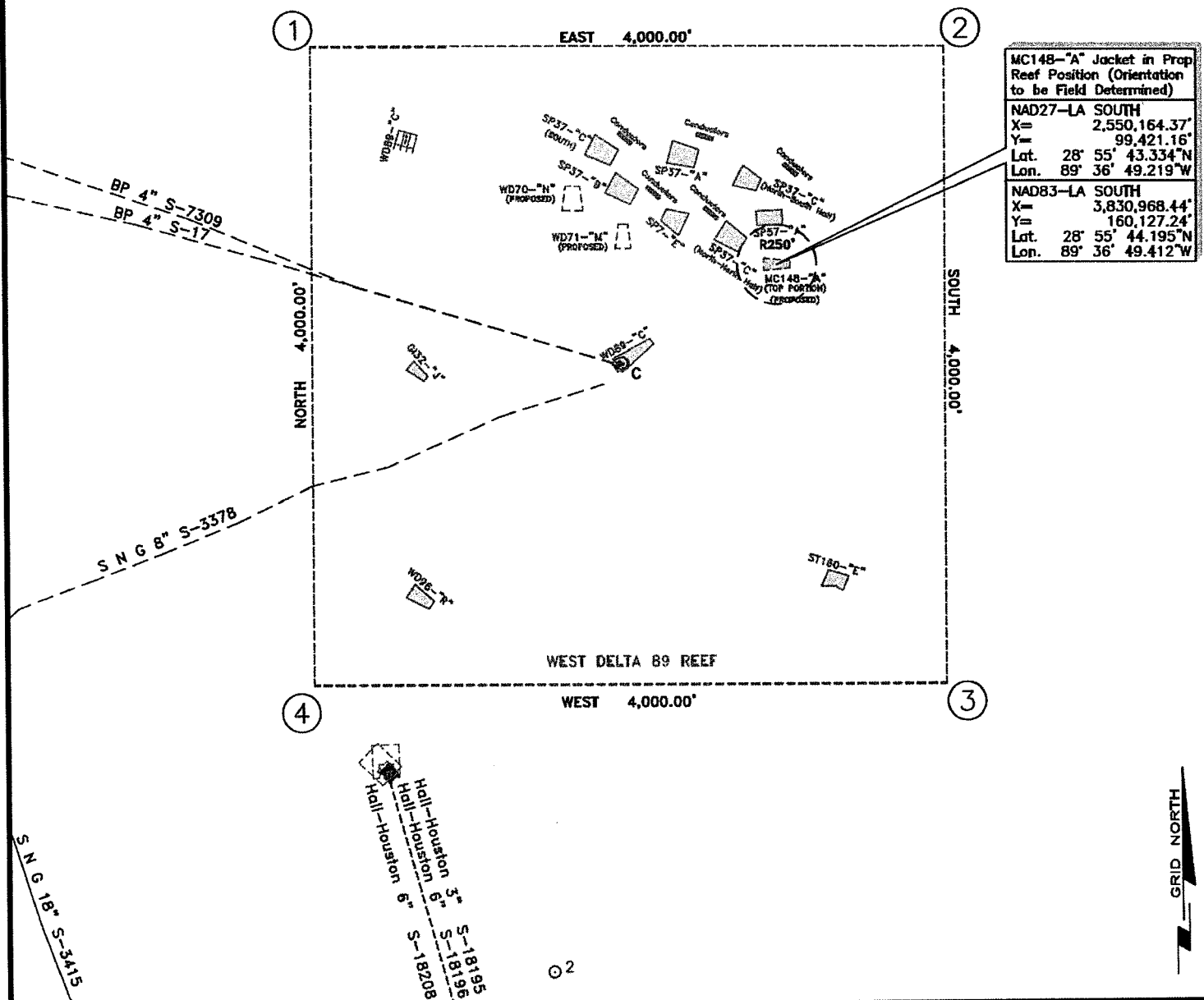
Nautical Miles

WD-89 Vicinity Map



LOCATION	X COORDINATE	Y COORDINATE	LATITUDE	LONGITUDE
1	2,547,221.93'	100,792.10'	28° 55' 57.340"N	89° 37' 22.094"W
2	2,551,221.93'	100,792.10'	28° 55' 56.747"N	89° 36' 37.088"W
3	2,551,221.93'	96,792.10'	28° 55' 17.153"N	89° 36' 37.765"W
4	2,547,221.93'	96,792.10'	28° 55' 17.746"N	89° 37' 22.765"W

ENI, Hall-Houston, Walter



Apache

BLOCK 89
WEST DELTA AREA
GULF OF MEXICO

FUGRO CHANCE INC.
203 Builes Dr. Lafayette, Louisiana 70508-3001 (337) 237-1300

GEODETIC DATUM: NAD27
PROJECTION: LOUISIANA SOUTH
GRID UNITS: US SURVEY FEET

SCALE
IN FEET

0 1,000'

Job No.: 1200261	Date: 2/28/12
Dwgfile: H:\2012\1200261\CAD\1200261B	

Chart:	Of:
1	2

WATER LINE

Established and Charted Reef Clearance 85-ft

APPROX. 151' CLEARANCE

TOP PORTION
OF JACKET

Proposed Structure Clearance 118-ft

APPROX. 118' CLEARANCE

78'

45'

169'

MUD LINE
(ELEV. -196')

PROFILE

NOTES:

1) 11 STATUTE MILES TO NEAREST SHIPPING FAIRWAY.

Apache

**MISSISSIPPI CANYON 148 - "A" (TOP)
IN PROPOSED REEF POSITION**

BLOCK 89
WEST DELTA AREA
GULF OF MEXICO

FUGRO CHANCE INC.

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



GEODETTIC DATUM: NAD27
PROJECTION: LOUISIANA SOUTH
GRID UNITS: US SURVEY FEET

SCALE
IN FEET 0 50'

Job No.: 1200261

Date: 2/28/12

Drwn: SJL

Chart: Of: 2 2

Printed: 2/28/12

Dwgfile: H:\2012\1200261\CAD\1200261E