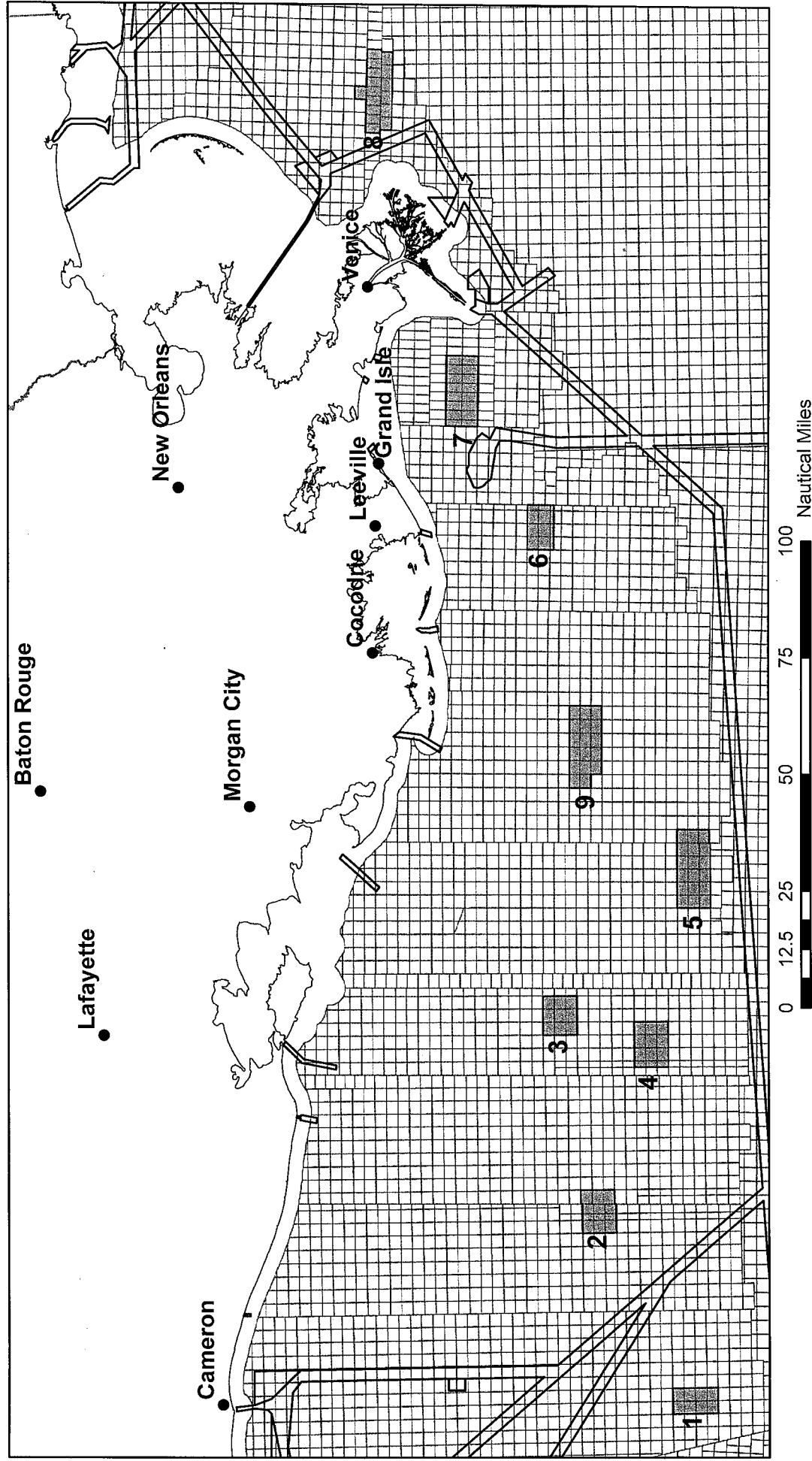


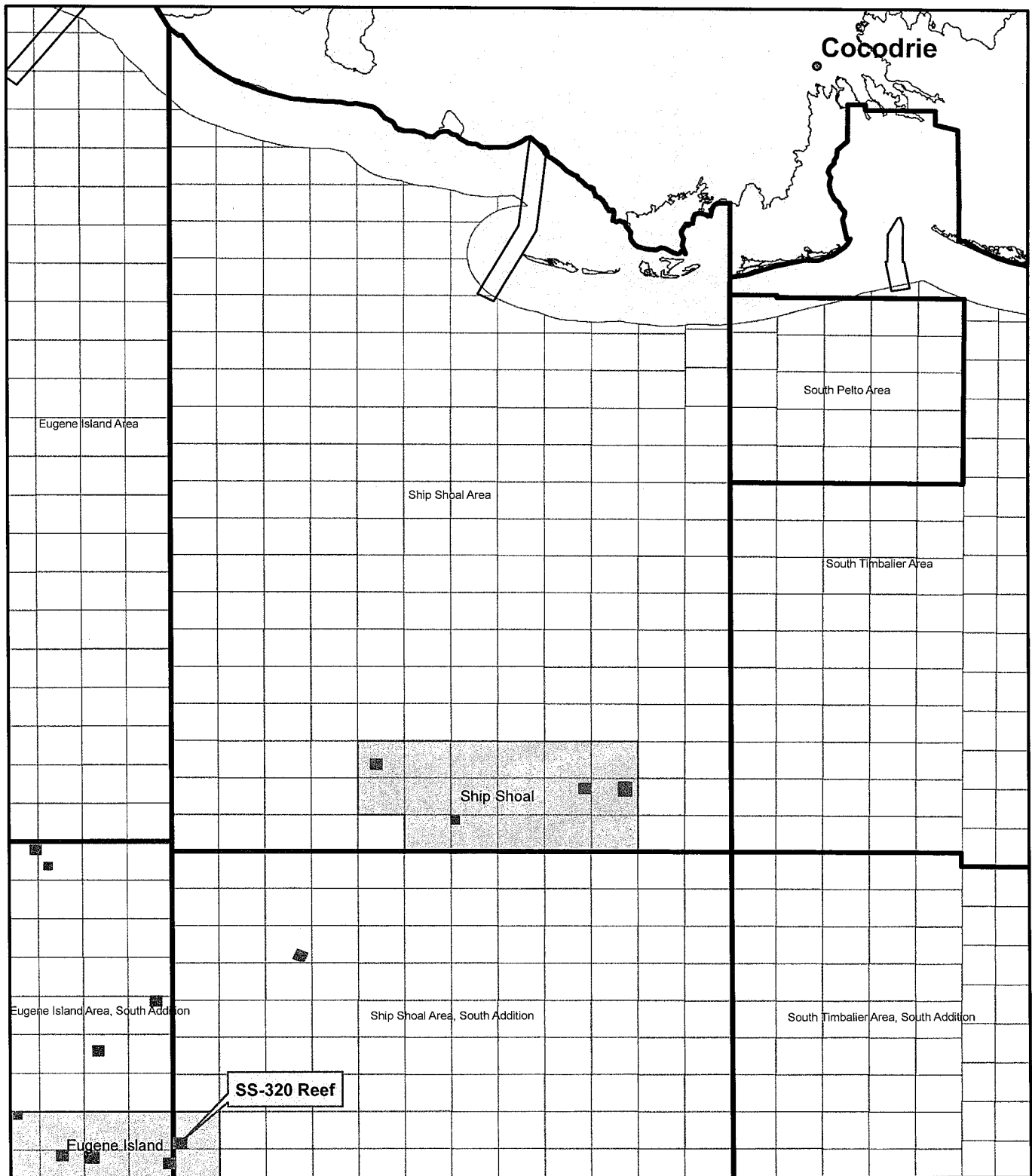
Louisiana Artificial Reef Planning Areas






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

- 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

Louisiana Artificial Reef Program

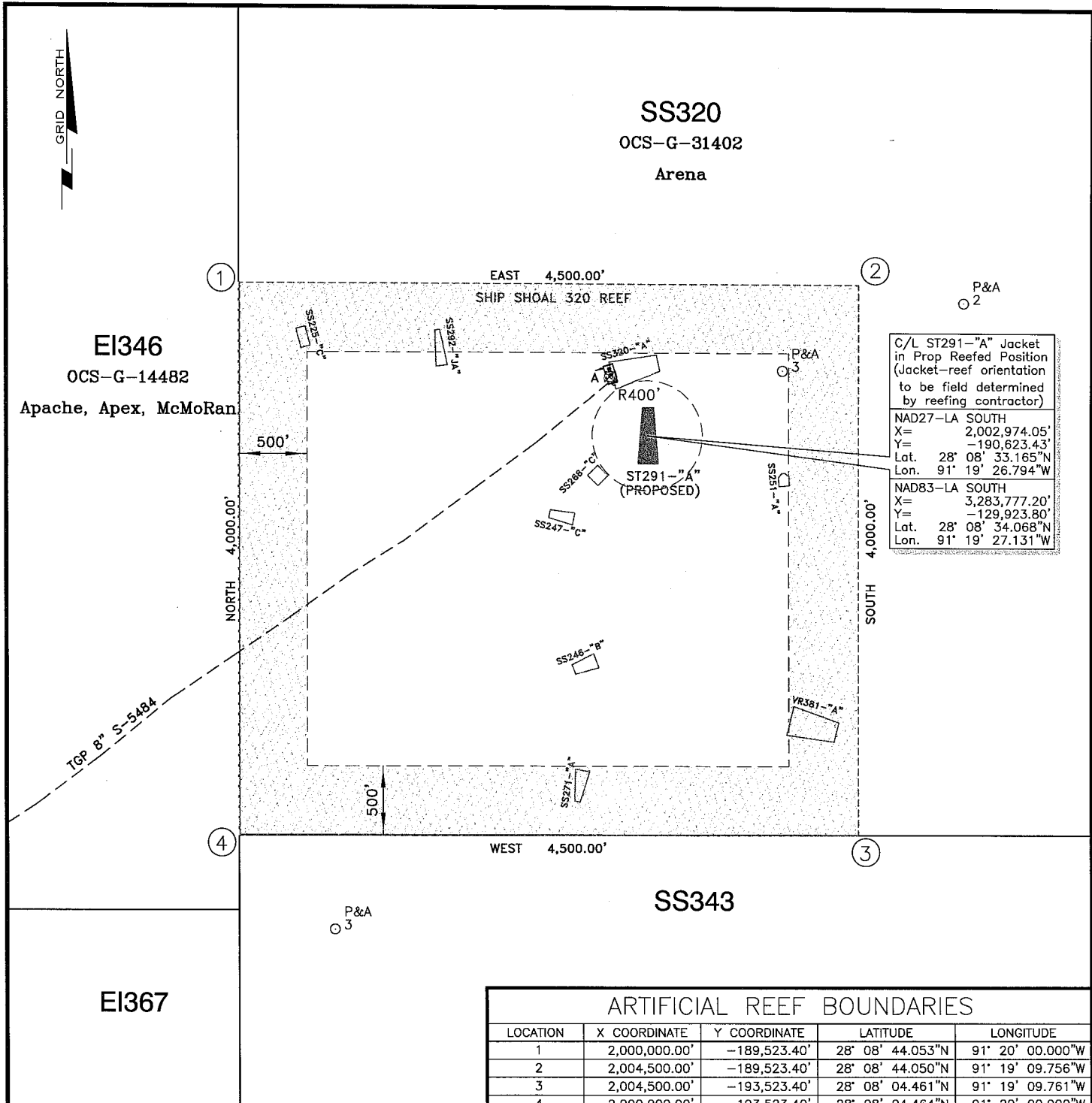


-  **Planning Area**
-  **Permitted Reef Sites**
-  **Fairways**
-  **OCS Blocks**

0 2.5 5 10 15 20 Nautical Miles

SS-320 Reef Vicinity Map



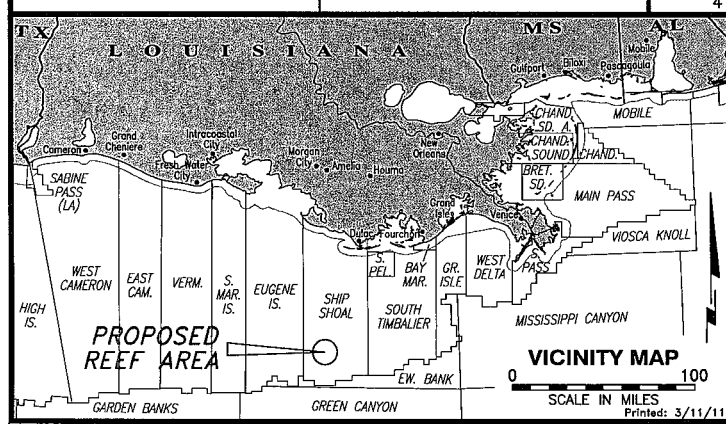



C/L ST291-"A" Jacket
in Prop Reefed Position
(Jacket-reef orientation
to be field determined
by reefing contractor)

NAD27-LA SOUTH
X= 2,002,974.05'
Y= -190,623.43'
Lat. 28° 08' 33.165"N
Lon. 91° 19' 26.794"W

NAD83-LA SOUTH
X= 3,283,777.20'
Y= -129,923.80'
Lat. 28° 08' 34.068"N
Lon. 91° 19' 27.131"W

ARTIFICIAL REEF BOUNDARIES				
LOCATION	X COORDINATE	Y COORDINATE	LATITUDE	LONGITUDE
1	2,000,000.00'	-189,523.40'	28° 08' 44.053"N	91° 20' 00.000"W
2	2,004,500.00'	-189,523.40'	28° 08' 44.050"N	91° 19' 09.756"W
3	2,004,500.00'	-193,523.40'	28° 08' 04.461"N	91° 19' 09.761"W
4	2,000,000.00'	-193,523.40'	28° 08' 04.464"N	91° 20' 00.000"W





SOUTH TIMBALIER 291 - "A"
IN PROPOSED REEF POSITION

BLOCK 320
SHIP SHOAL 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.: 1100543	Date: 3/11/11	Drwn: SJL	Chart: 1 of 2

Dwgfile: H:\2011\1100543\CAD\1100543A

WATER LINE

Established and Charted
Reef Clearance: 85-ft

Proposed Structure Clearance: 183-ft

MUD LINE
(ELEV. -330')

APPROX. 285' CLEARANCE

45'

APPROX. 183' CLEARANCE

147'

412'

NOTES:

- 1) 13 MILES TO NEAREST SHIPPING FAIRWAY.
- 2) CLEARANCES BASED ON CONSTRUCTION DRAWINGS.

Apache

**SOUTH TIMBALIER 291 - "A"
IN PROPOSED REEF POSTION**

BLOCK 320
SHIP SHOAL 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 0 100'
IN FEET

Job No.: 1100543 Date: 3/11/11

Drwn: SJL

Chart: 2 Of: 2

Printed: 3/11/11

Dwgfile: H:\2011\1100543\CAD\1100543B