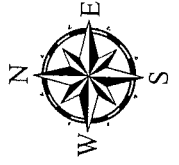
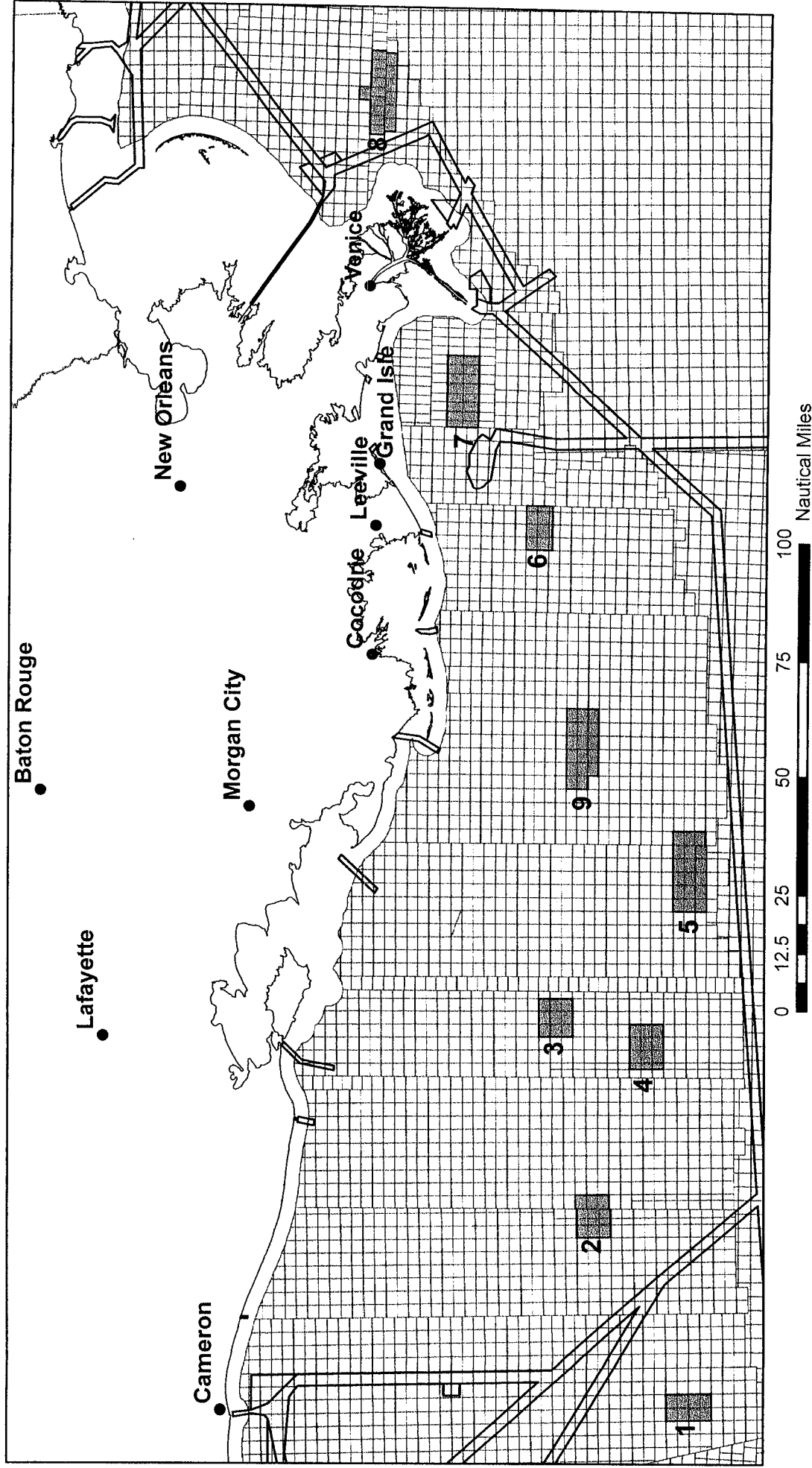


Louisiana Artificial Reef Planning Areas



Planning Areas

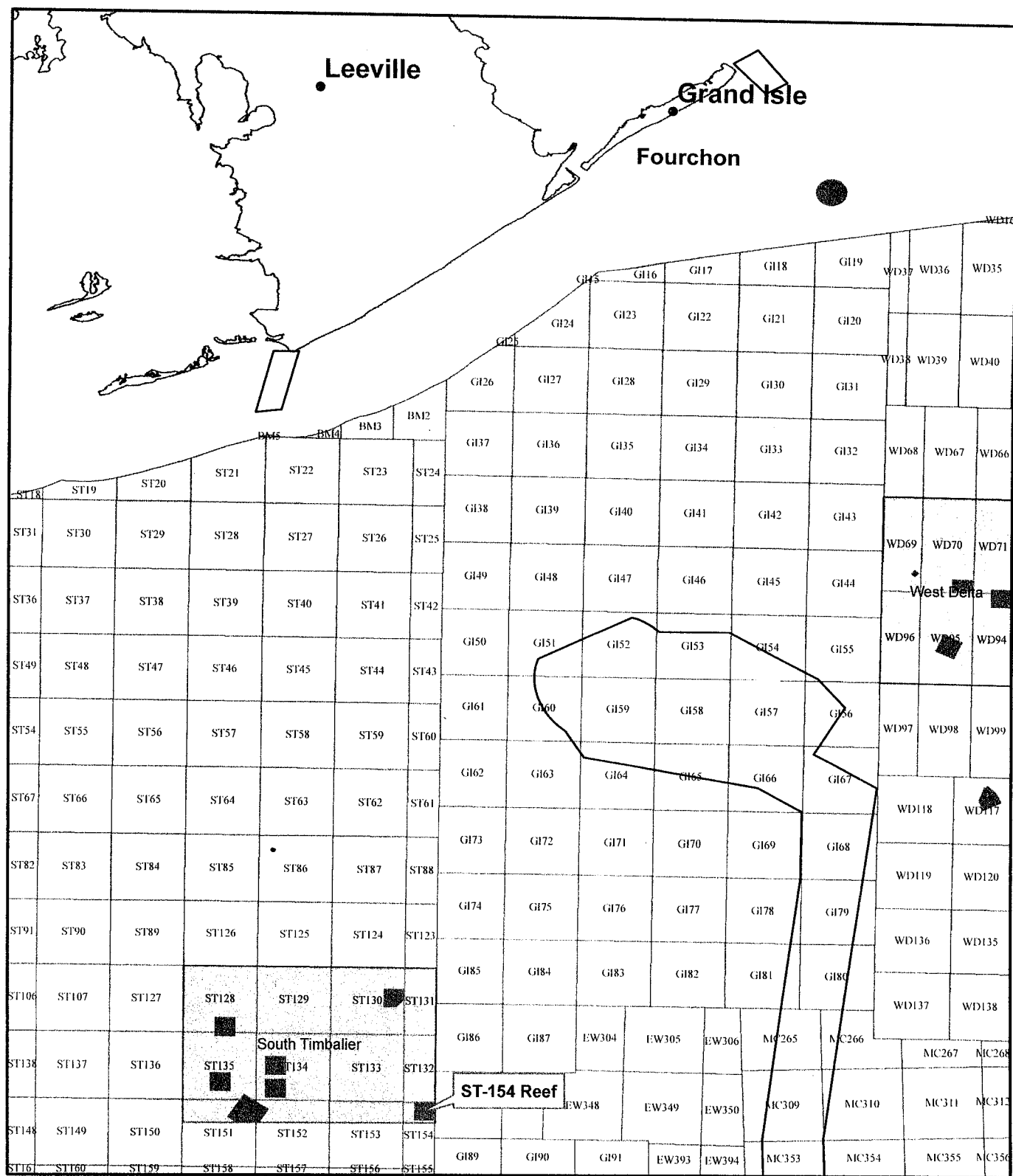
1. West Cameron Planning Area
2. East Cameron Planning Area
3. South Marsh Island (76) Planning Area
4. South Marsh Island (146) Planning Area
5. Eugene Island Planning Area
6. South Timbalier Planning Area
7. West Delta Planning Area
8. Main Pass Planning Area
9. Ship Shoal Planning Area

Planning Areas

Fairways

OCS Blocks

Louisiana Artificial Reef Program



ST-154 Reef Vicinity Map

ST132
OCS-Open

Y = -13,250.40

4,000'

X = 2,385,227.73

GRID NORTH

GI88
OCS-Open

MC 486 'A'
ST 265 'A' (PROPOSED)
GI 102 'A' (PROPOSED)

1781'

1878'

ST 170 'F'

4,000'

ST154
OCS-Open

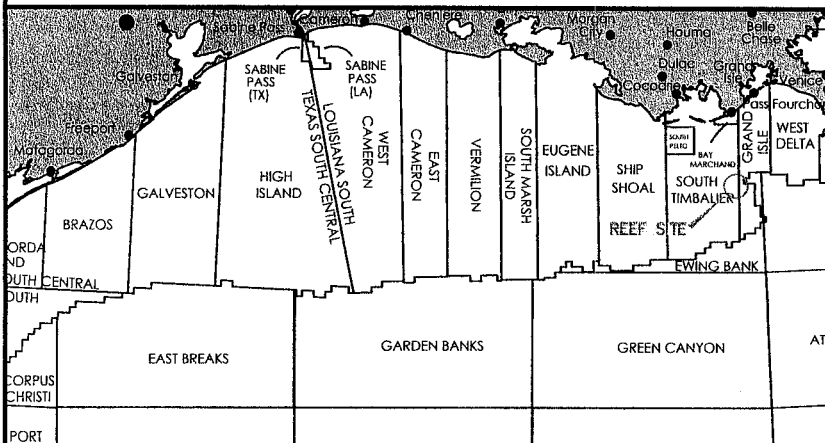
ARTIFICIAL REEF BOUNDARIES

CORNER	X COORDINATE	Y COORDINATE	LATITUDE	LONGITUDE
1	2,385,227.73	-13,250.40	28° 37' 28.86"N	90° 07' 58.30"W
2	2,385,227.73	-17,250.40	28° 36' 49.27"N	90° 07' 58.77"W
3	2,381,227.73	-17,250.40	28° 36' 49.68"N	90° 08' 43.64"W
4	2,381,227.73	-13,250.40	28° 37' 29.27"N	90° 08' 43.17"W

DISCLAIMER:

THIS MAP WAS PREPARED FROM VARIOUS DATABASE SOURCES, PRIMARILY OF PUBLIC RECORD INCLUDING INFORMATION DERIVED FROM "AS-BUILT" AND "PROPOSED PIPELINE" DRAWINGS PREPARED BY OTHERS. TESLA OFFSHORE ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE PUBLIC DATA. THIS MAP ALSO DOES NOT ATTEMPT TO SHOW THE LOCATION OR EXISTENCE OF ANY COMMUNICATION AND/OR POWER CABLES.

ARENA OFFSHORE, LLC



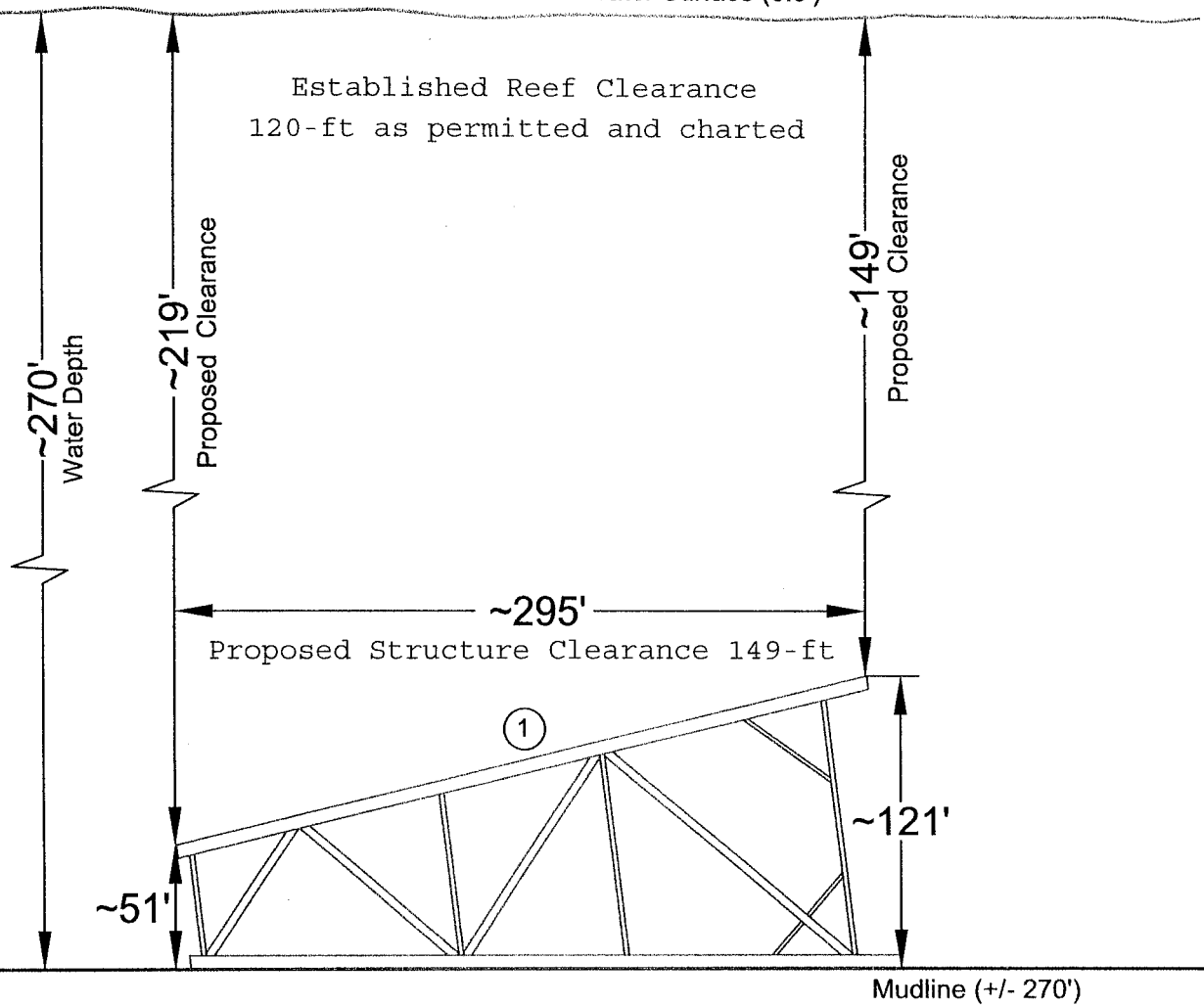
PROPOSED "REEFING" PLAN FOR GRAND ISLE 102 "A" JACKET IN BLOCK 154 REEFING AREA SOUTH TIMBALIER AREA

GULF OF MEXICO

DRAWN BY: MVT	DATE: 6/14/2011	CHECKED BY: CMC	DRAWING No.: 11-170-GI02A-Reef_R1
REV. DATE: 6/22/2011	REV. No.: 1	SCALE: AS-SHOWN	JOB No.: 11-170-14
GEODEIC DATUM: NAD27 PROJECTION: LAMBERT ZONE: LOUISIANA SOUTH		UNITS IN FEET 0 500 1,000	

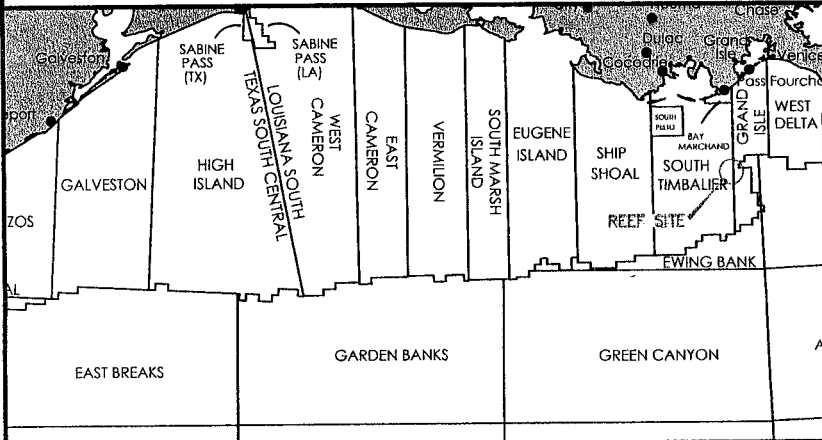


36499 Perkins Road
Prairieville, Louisiana 70789
Tel: 225-673-2163
Fax: 225-744-3116



PROPOSED CENTER POINT OF REEFED STRUCTURE				
LOCATION	X COORDINATE	Y COORDINATE	LATITUDE	LONGITUDE
1	2,383,446.46	-15,372.46	28° 37' 08.039"N	90° 08' 18.532"W

ARENA OFFSHORE, LLC



**PROPOSED "REEFING" PLAN FOR
GRAND ISLE 102 "A" JACKET
IN BLOCK 154 REEFING AREA
SOUTH TIMBALIER AREA**

GULF OF MEXICO

DRAWN BY: MVT	DATE: 6/14/2011	CHECKED BY: CMC	DRAWING No.: 11-170-G102A-Reef
REV. DATE: 6/22/2011	REV. No.: 1	SCALE: NOT TO SCALE	JOB No.: 11-170-14
GEODETIC DATUM: NAD27 PROJECTION: LAMBERT ZONE: LOUISIANA SOUTH			



36499 Perkins Road
Fairville, Louisiana 70769
Tel: 225-673-2163
Fax: 225-744-3116