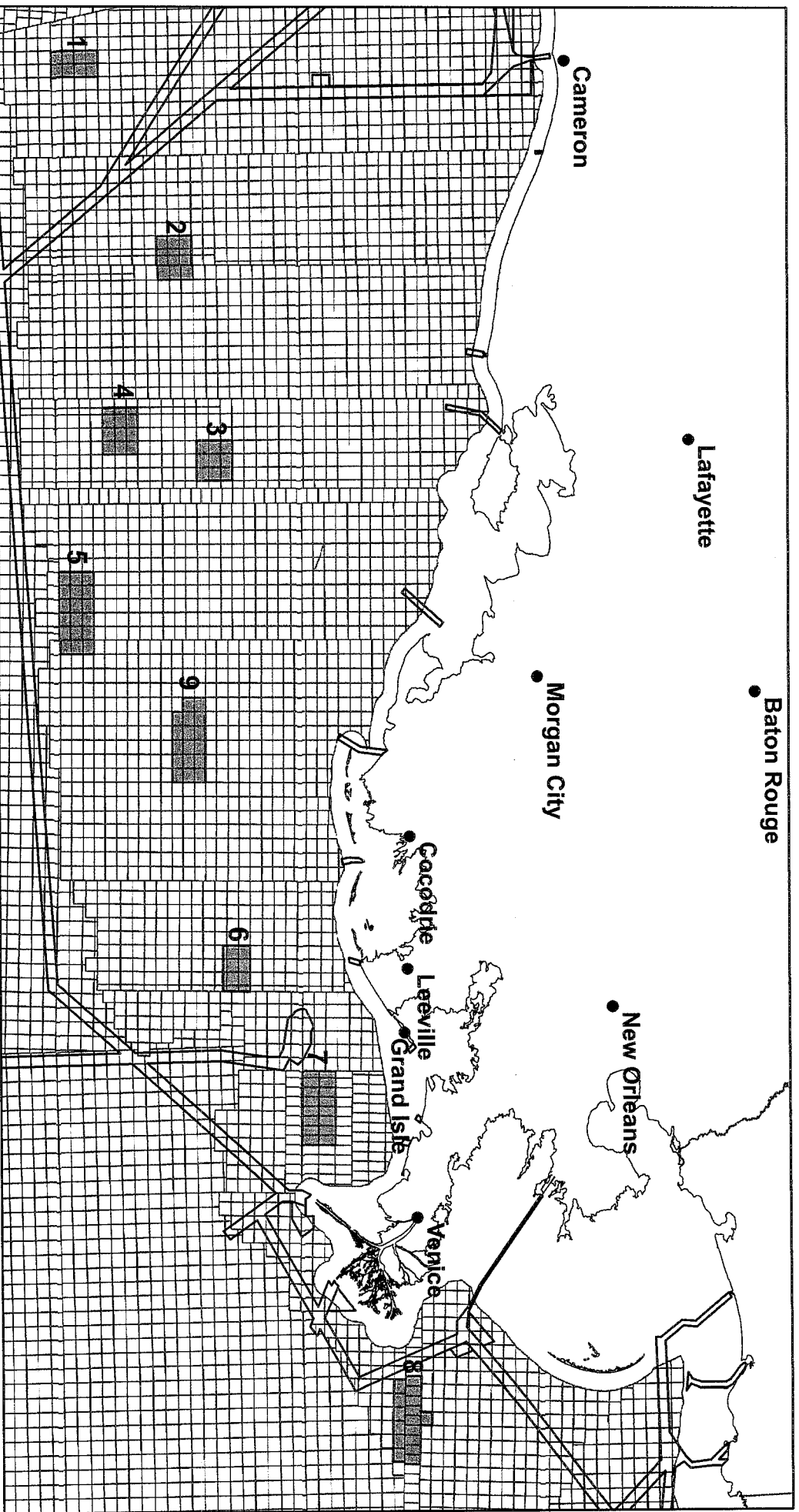


Louisiana Artificial Reef Planning Areas



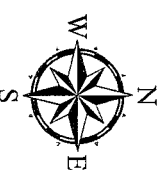
Planning Areas

Fairways

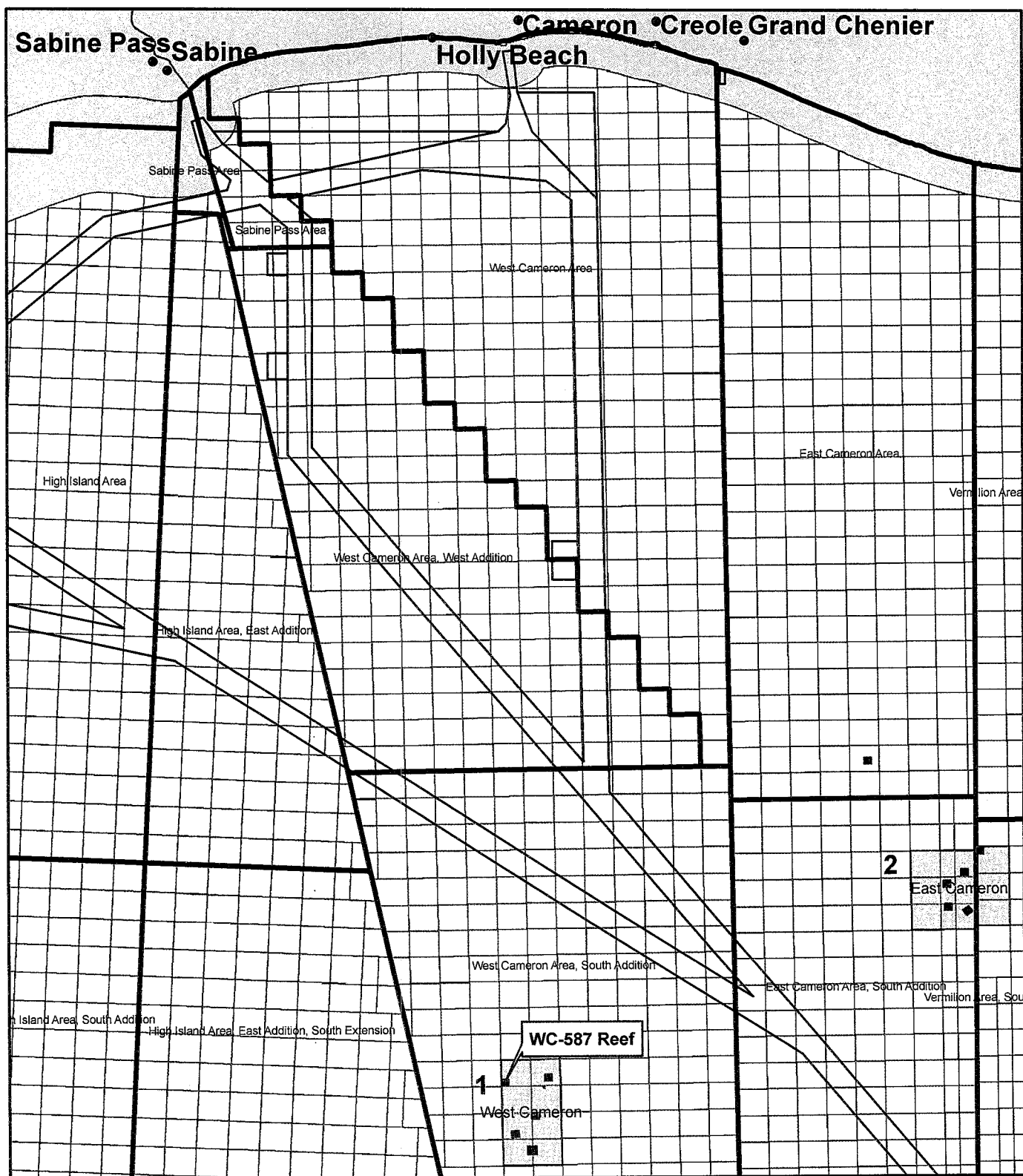
OCS Blocks





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



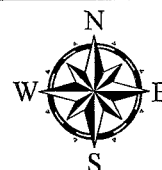
Louisiana Artificial Reef Program



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

0 5 10 20
Nautical Miles

WC-587 Reef Vicinity Map

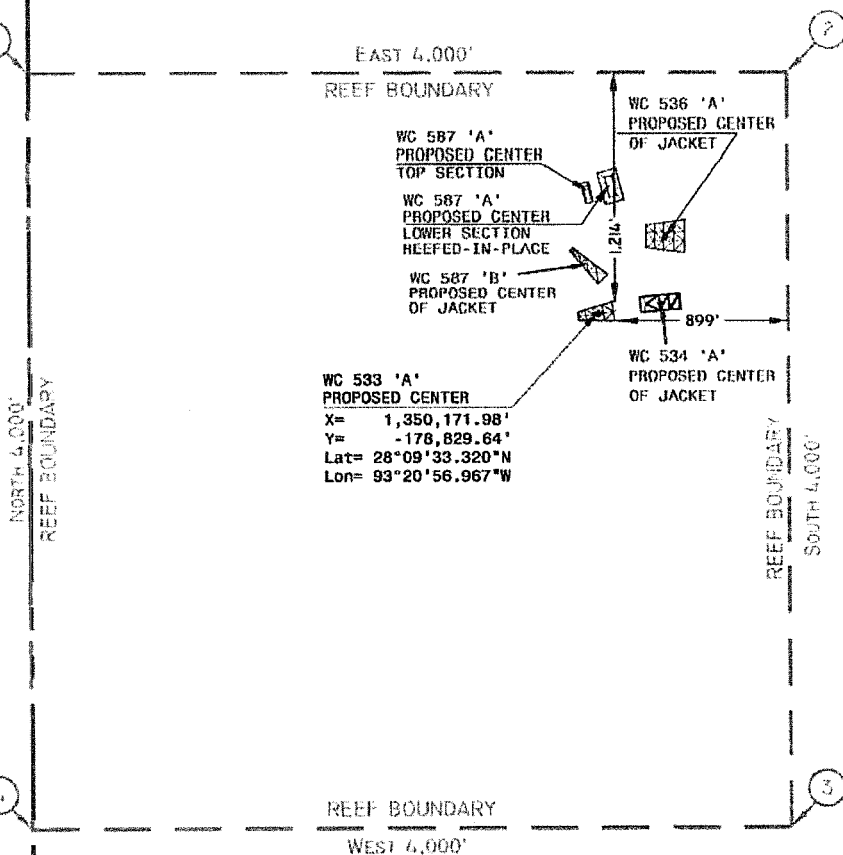




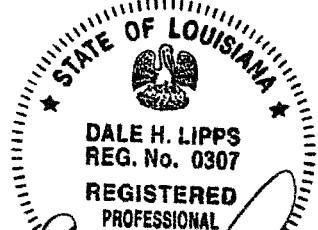
Plan View

WC587
OCS-G 02021
Nippon Oil Exploration U.S.A. Limited

WC588



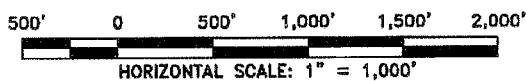
I CERTIFY THIS PROPOSED REEF LOCATION TO BE CORRECT.



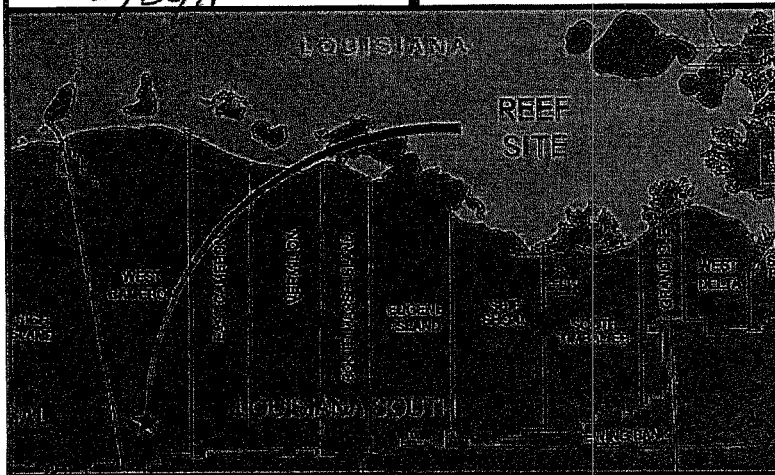
Dale H. Lipps, La. PLS Reg. No. 307
Date: 6/30/11

WC593
OCS-G 02023
McMoran Oil & Gas LLC

WC594



ARTIFICIAL REEF BOUNDARY			
(1)	X=1,347,177.57' Y=-177,549.38'	Lat=28°09'45.467"N	Lon=93°21'30.652"W
(2)	X=1,351,177.57' Y=-177,549.38'	Lat=28°09'46.164"N	Lon=93°20'45.990"W
(3)	X=1,351,177.57' Y=-181,549.38'	Lat=28°09'06.581"N	Lon=93°20'45.208"W
(4)	X=1,347,177.57' Y=-181,549.38'	Lat=28°09'05.884"N	Lon=93°21'29.863"W



Nippon Corporation

Proposed Reef Postion
Jacket WC 533 'A'
BLOCK 587
WEST CAMERON AREA
SOUTH ADDITION

Surveying
Geophysical Acquisition



a J. D. Silvestri Company

Marine Surveys, LLC.

403 Mecca Dr. Lafayette Louisiana 70508 Phone #337-237-2137

GEODEIC DATUM: NAD 1927
PROJECTION: LAMBERT ZONE: LA S.
GRID UNITS: U.S. SURVEY FEET

DRAFTED BY:

CHK. BY:

APP. BY:

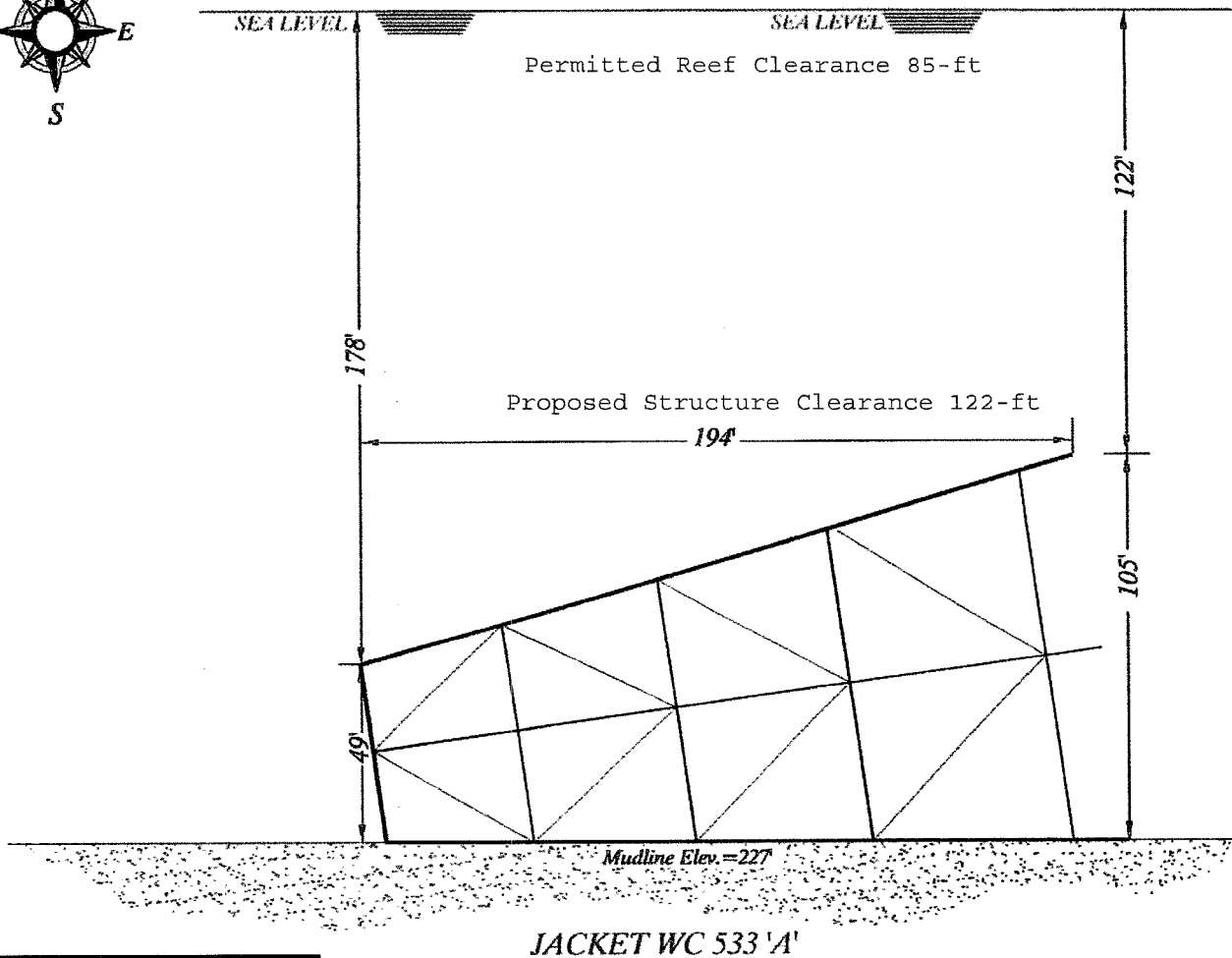
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DATE: JUNE 30, 2011

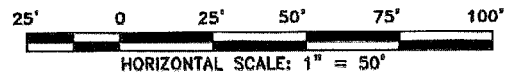
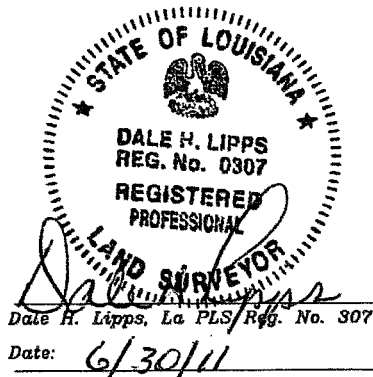
SHEET: 1 OF 2



Profile View



I CERTIFY THIS PROPOSED REEF
LOCATION TO BE CORRECT.

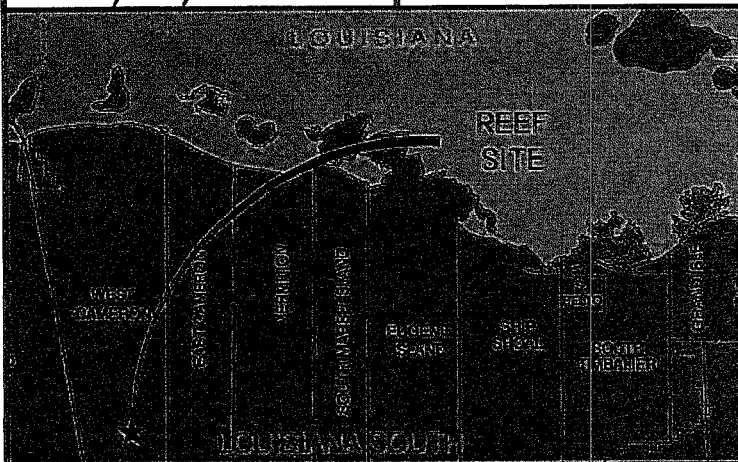


CENTER OF POSITION OF THE REEFED WC 533 "A" JACKET

CENTER TOP SECTION	X= 1,350,171.98' Y=-178,829.64' Lat= 28°09'33.320"N Lon= 93°20'56.967"W
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NOTES:

1. ALL CLEARANCE AND WATER DEPTHS WERE OBTAINED FROM DATA PROVIDED BY CLIENT.



Nippon Corporation

Proposed Reef Postion

Jacket WC 533 'A'

BLOCK 587

WEST CAMERON AREA

SOUTH ADDITION

Surveying
Geophysical Acquisition



a J. D. Silvestri Company

Marine Surveys, LLC.

403 Mecca Dr. Lafayette Louisiana 70508 Phone #337-237-2137

GEODETIC DATUM: NAD 1927
PROJECTION: LOUISIANA SOUTH
GRID UNITS: U.S. SURVEY FEET

DRAFTED BY:

CHK. BY:

APP. BY:

DRAWING NO.: 010-0133-MS-WC533-A

DATE: JUNE 30, 2011

SHEET: 2 OF 2