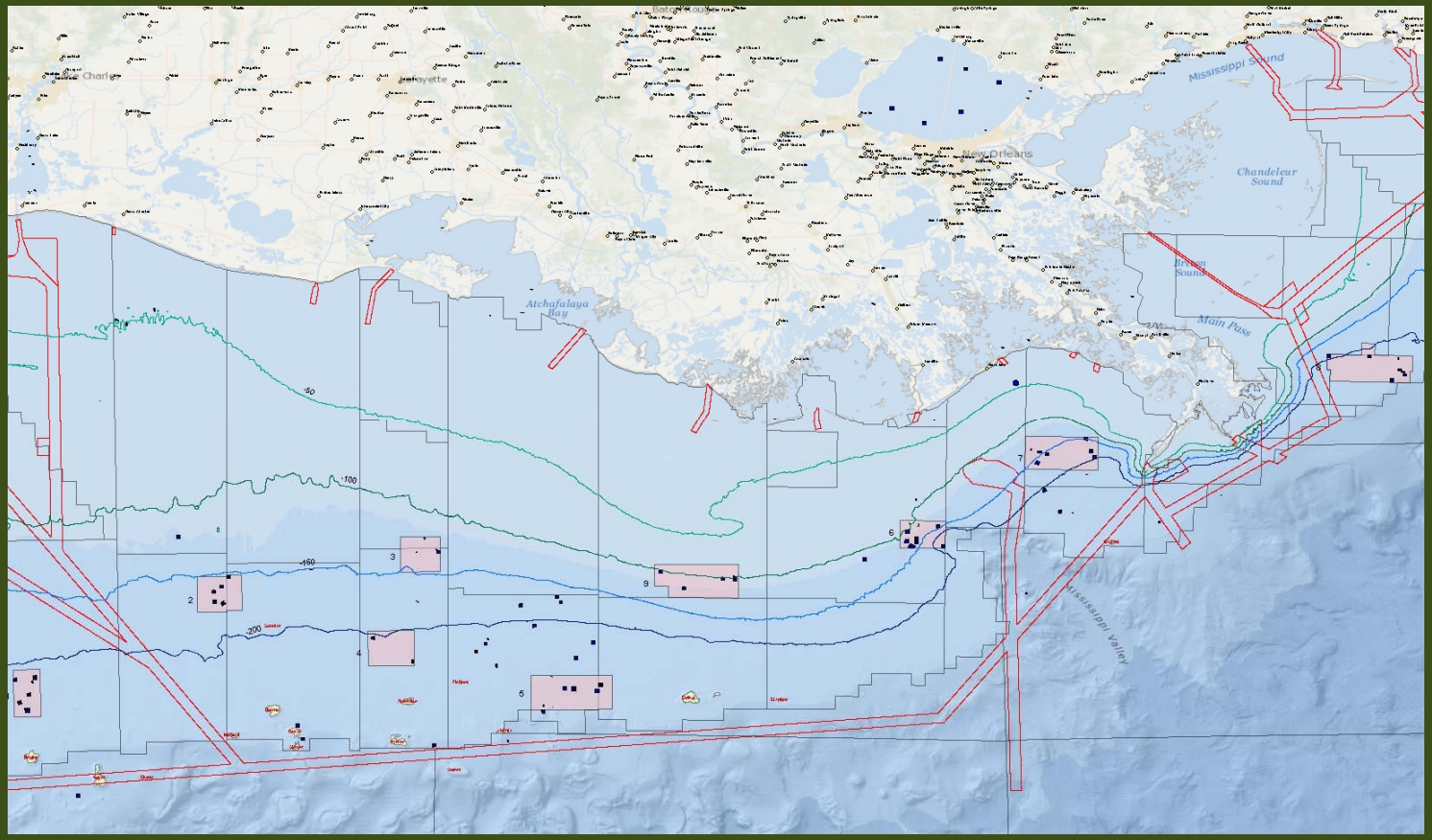
The Louisiana Artificial Reef Program

Mike McDonough | July 2014

Louisiana Artificial Reef Development Program
(Rigs-to-Reef Offshore Program)

Louisiana Artificial Reef Development Program



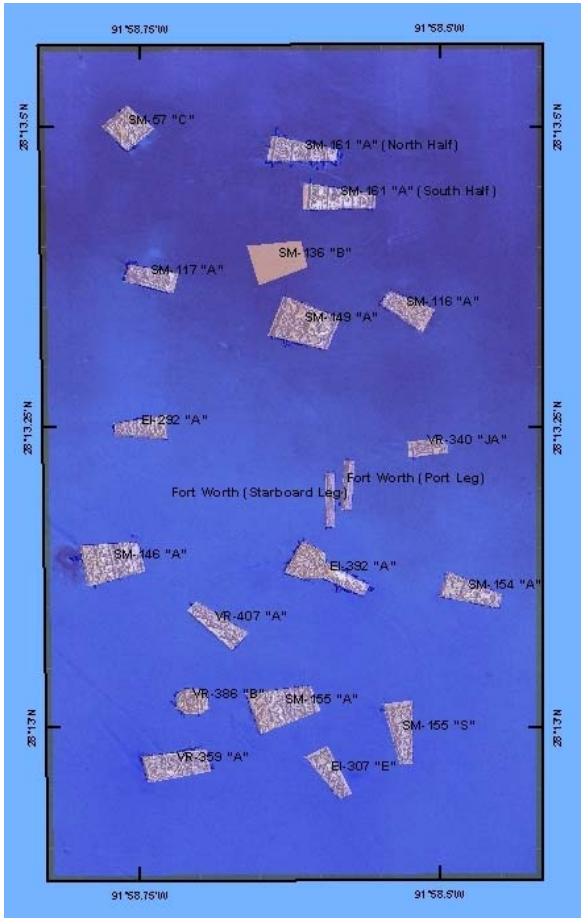
Offshore Artificial Reefs

- **74 Established Offshore Artificial Reef Sites**
  - 48 Planning Area Reefs
  - 18 Special Artificial Reef Sites
  - 8 Deepwater Reefs
- **Structures Converted**
  - 336 platform jackets &
  - 8 drill rig legs
  - 17 oil & gas structures deployed in 2013

Offshore Projects

- Offshore Reefs
  - Permitted: 5
    - 1- Deepwater
    - 4- SARS
- Platforms for R2R
  - Total 72
    - 46 permitted
    - 26 in permit process

South Marsh Island 146 Reef



Inshore Artificial Reefs

- 32 inshore reefs
- Low-profile reefs
- Materials
  - Shell
  - Limestone
  - Reef Balls
  - Bridge Rubble

Laketown Project

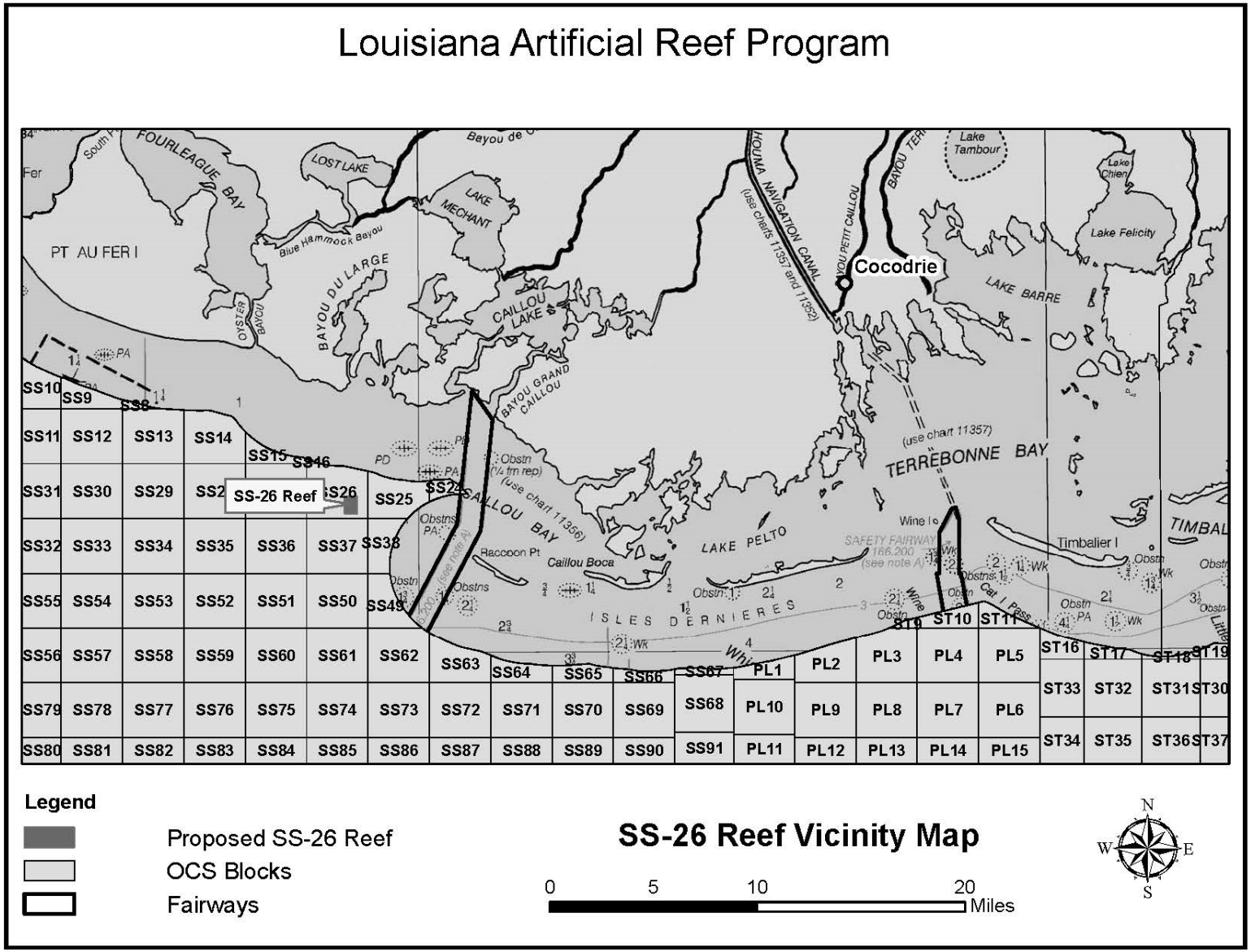
Research Update

- Standing vs. Toppled (Cowan)
- Lit vs unlit platforms (Cowan)
- Nearshore platforms (Chesney)

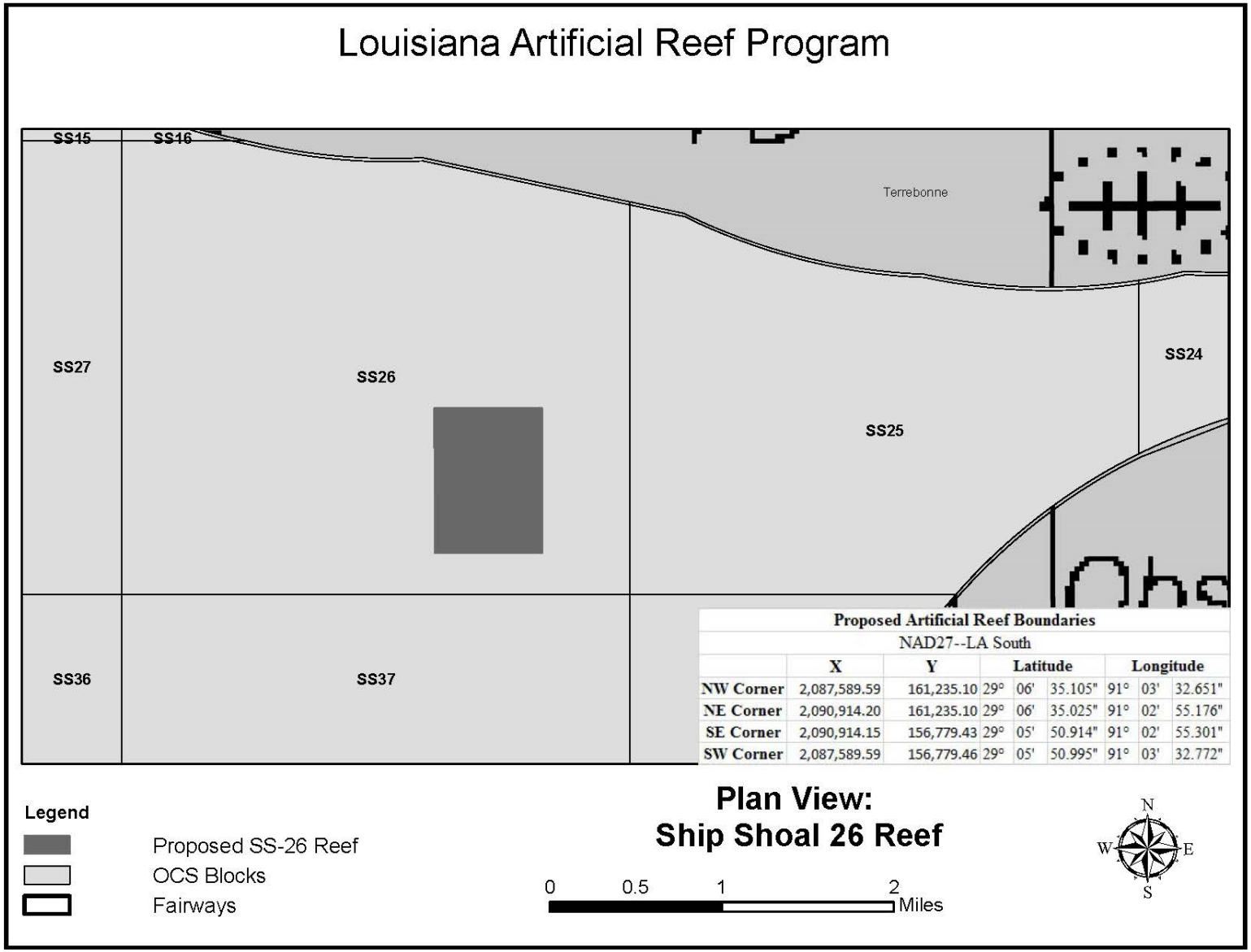
The Pickets

- Popular trout fishing destination
  - Scheduled for removal 2013
  - Partnering with CCA, Fieldwood Energy, Apache
  - Objection from Ridgelake (current leaseholder)
  - Working with Ridgelake to come to agreement
    - Reef coexisting with oil & gas development

The Pickets


Louisiana Artificial Reef Program
SS-26 Reef
Cocodrie
PT AU FER I
FOURLEAGUE BAY
LOST LAKE
LAKE MECHANT
BAYOU DU LARGE
CAILLOU LAKE
BAYOU GRAND CAILLOU
CAILLOU BAY
LAKE PELTO
TERREBONNE BAY
LAKE BARRE
Lake Felicity
Lake Tambour
Lake Chien
Timbalier I
ISLES DERNIERES
Raccoon Pt
Caillou Boca
Legend
Proposed SS-26 Reef
OCS Blocks
Fairways
SS-26 Reef Vicinity Map
0
5
10
20
Miles
N
S
E
W

The Pickets



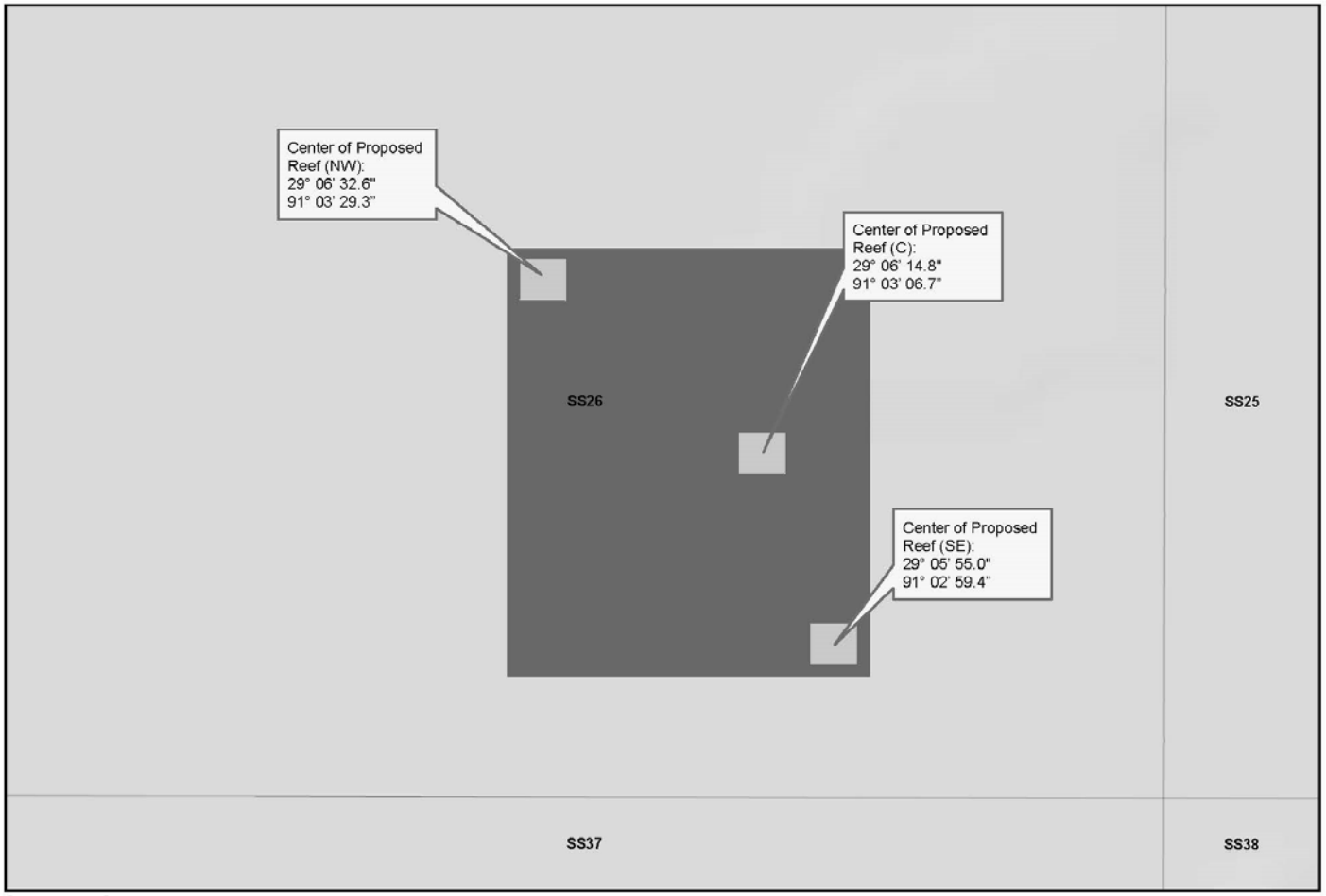
Proposed Artificial Reef Boundaries

NAD27--LA South

	X	Y	Latitude			Longitude		
NW Corner	2,087,589.59	161,235.10	29°	06'	35.105"	91°	03'	32.651"
NE Corner	2,090,914.20	161,235.10	29°	06'	35.025"	91°	02'	55.176"
SE Corner	2,090,914.15	156,779.43	29°	05'	50.914"	91°	02'	55.301"
SW Corner	2,087,589.59	156,779.46	29°	05'	50.995"	91°	03'	32.772"

The Pickets

Louisiana Artificial Reef Program



Legend

Proposed Pickets Reefs (4 acres each)

Original Permit Area

0 0.25 0.5 1 Miles

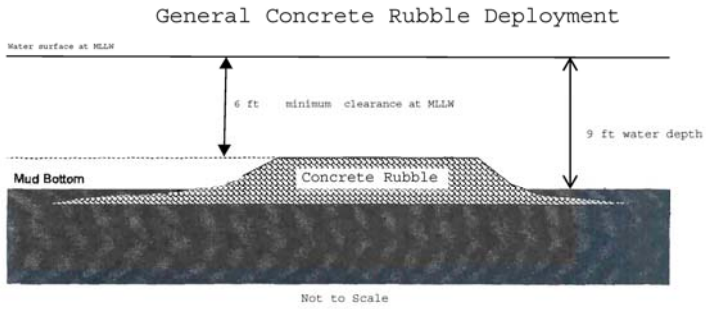
Plan View:
Proposed Pickets Reefs

June 16, 2014

Not to be used for navigation.

N W E S

The Pickets



Cross Section View of
Proposed SS-26 Reef
March 26, 2014

The Louisiana Artificial Reef Program