



MARINE POLLUTION SURVEILLANCE REPORT



Analysis Provided by: The National Oceanic and
Atmospheric Administration/National Environmental
Satellite, Data and Information Service (NOAA/NESDIS)

REPORT DATE: FEBRUARY 27, 2018
REPORT TIME: 1350Z (0750 CST)
ANALYST: WHISNANT

DATA SOURCE: SENTINEL-1A
MODE: Interferometric Wide (IW) VV
RESOLUTION: 5 x 20 meter
IMAGE DATE/TIME: 2/27/2018 0008Z (2/26/2018 1808 CST)

LEGEND

- Possible Oil
- Possible Thicker Oil
- Suspected Point Source:
[23°17'32" N / 90°15'22" W]
- 11.9 km² Area of Possible Oil
- False Positive (not oil)

CONFIDENCE: High

REMARKS:

Anomaly believed to be oil was observed in satellite imagery and was located 148.22 nautical miles south of the U.S. EEZ (moving toward it). The anomaly stretched a total of 16.20 nautical miles while widening with distance from the suspected point source. This is a known characteristic of a bilge dump. The edges were mostly well defined and showed good contrast with its background. The anomaly was not in the vicinity of natural seeps and certainly appeared out of place. Surface winds were out of the East at 10 knots around the time of the image. Confidence is deemed High given these characteristics are often associated with a bilge dump.

