

MARINE POLLUTION SURVEILLANCE REPORT



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

REPORT DATE: DECEMBER 29, 2015

REPORT TIME: 1730Z (12/29/2015 0630 SST)

ANALYST: SHEFFLER


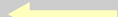

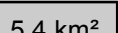
DATA SOURCE: RADARSAT-2

MODE: ScanSAR Wide VV

RESOLUTION: 100 meter (wide)

IMAGE DATE/TIME: 12/26/15 0546Z (12/25 1846 SST)

Legend

-  Possible Oil
-  False-Positive (not oil)
-  Center Point of Oil Slick:
[15°25'50" S / 167°36'58" W]
-  5.4 km² Area of Possible Oil

CONFIDENCE: Medium

REMARKS:

Two mystery slicks are seen in this SAR image approximately 215 miles southeast of Pago Pago, American Samoa. The slicks are located very close to one another and measure 2.1 miles long by 0.6 miles wide and 3.75 miles long by 0.5 mile wide. Subtle feathering is present which is in agreement with the wind direction. Winds were out of the west or northwest at 10-15 kts with surface ocean currents from the south at the time of the image. No nearby point source could be identified based on the imagery. There is some concern that the somewhat diffuse contrast of the anomalies could indicate that they are chlorophyll based such as algae/sargassum but this cannot be confirmed.

