Brazil 2019 seepage study

As a world-leading satellite remote sensing service provider, NPA Satellite Mapping (NPA) detects, interprets, classifies and monitors natural seepage and pollution slicks occurring in offshore environments.

Brazil seepage study

NPA’s satellite seepage detection project offers extensive coverage across offshore Brazil. Seepage detection by SAR (Synthetic Aperture Radar) is a proven technique for mapping surface oil seeps which could provide the first indication of petroleum systems in these basins:

- Approximately 591 interpreted SAR scenes over the offshore Brazil license round blocks
- Availability of new, high-quality SAR imagery
- New data is being sourced over areas of sparse coverage

Background

Brazil’s 16th offshore licensing round will commence shortly and include 36 blocks to be auctioned on 10th October 2019. These blocks cover parts of the Penambuco-Paraíba, Jacuípe, Camamu-Almada, Campos and Santos basins. NPA’s offshore seepage databases provides comprehensive data coverage over all the Brazilian blocks on offer. This data set represents a vital source of information for assessing the potential for oil within Brazil’s offshore acreage.

In light of the Brazil licensing round, NPA is currently increasing coverage levels of satellite data offshore Brazil, which could potentially reveal temporal repetition over existing slicks or discover new sites of possible seepage. This key information for offshore Brazil is now available from NPA.

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