

EMMET – Equatorial Margin METocean

Develop atmospheric and wave models that can be used for offshore design and operation planning (hindcasting)

Participants:



and other Oil & Gas Companies which would be interested.

Principle service provider:

To be decided through Call For Tender.

What is the problem:

The area from North Brazil to Trinidad and Tobago is not covered by any spatial and temporal high resolution model, validated by in situ data, which can provide long timeseries of wind and wave data to establish design criteria. Oil & Gas activities have however increased in recent years and such high resolution data are required to meet the demand for high-quality data for engineering purposes.

What is the solution:

To develop a 20-year hindcast dataset that can be used for design and operations purposes.

Progress to date:

Submit a JIP to launch the call for tender and award the modelling project to a service provider to establish a hindcast of wind and wave covering the area from North Brazil up to Trinidad and Tobago waters. The proprietary data of each participants would only be used for data assimilation and model evaluation.

Next steps:

After review of the scope of work, the call for tender should be launched with the help of IOGP.

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