Release 1.3 - TFOC Algorithms Comparison

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Environments : PROD, UAT/STAGING

Algorithms: ECL Algorithm, Python based Algorithm

Testing Type: A/B Testing

Pre-requisites: Renjith B G

#1 Export data from PROD instance

#2 Import the exported voyage and 3 Hourly Report from PROD[10 IMO's] to UAT/Staging.

[Note: is it possible to document these steps ?]

Testing Criteria's:

#1 UI Look and Feel: Once the voyage is created on UAT/Staging instance, we need to make sure the voyage metrics are properly plotted with graphs.

#2 Fixed data as per voyage info: As per voyage, fixed data/static data should be compared with PROD instance data. Piyush Raj [please recommend on the metrics needs to be validated]

#3 Algorithmic based data/Formula based data: check for the ranges and discuss with PdM team for data accuracy.

#4 Time taken to complete the hourly report. Compare between PROD and UAT/Staging instances. [Note: This can be found from AWS & ECL logs]

[Ask: is it possible to update this time taken info on SS side?]

Applicable Instance: Staging

Assumptions:

#1 with TFOC Staging instance, Connection will be disconnected between "searoute" and "Netpas" Layers.

#2 By default TFOC Staging Instance is using the "demoregistry"

#3 AWS s3 bucket has config for vessels used for Python based Algorithm

#4 PROD instance is currently using only "ECL Algorithm"

Flow:

#1 Make sure vessel IMO number is under S3 Config

#2 If IMO number is available under "Demo Registry" by default Python based Algorithm will be used to process Voyage & 3 Hourly Report

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IMO Numbers:

1. BW Austria: IMO 9370537 (Current Coyage as below)

2.BW Rye: IMO 9770634

3. Berge Nyangani, IMO 9558294

4. BW Barley, IMO 9552824

5. BW Cougar, IMO 9675494

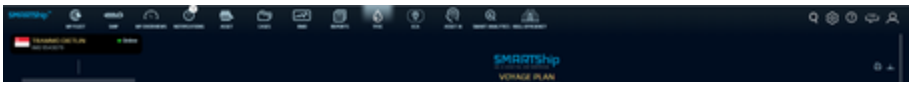
6. BW Malacca, IMO 9735038

7. Hourai Maru, IMO 9796585 (Below voyage failed to generate a plan)

8. Orange Victoria, IMO 9803364 (Completed Voyage as below)

9. Hakata Princess, IMO 9788564 (Completed Voyage as below)

10. Trammo Dietlin, IMO 9543079 (Current Voyage)



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VOYAGE PLAN