



BASSnet BI Dashboard 1.2 HF5-000 Release Notes

Product Release Information

Product:	BASSnet™ BI Dashboard
Release Number:	BID1.2 HF5-000
Release Date:	9 April 2024
Customer Support:	For more information or support, please visit our website http://www.bassnet.no/

This release addresses the following:

This release note describes the system corrections (as reported by Customers) and new enhancements, if any, made in BASSnet BI Dashboard 1.2 carried out in the Hotfix 5-000 patch released on 9th April 2024.

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BI Report Enhancements

The following enhancements have been made to BI Reports in version 1.2 HF5, as described below.

1. World Map Upgrade

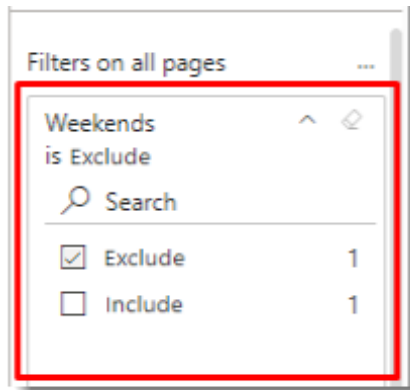
- ❑ [CR 15239] The following reports that include the World Map will now display **Emission Control Areas (ECA)** in **green** and **High-Risk Areas (HRA)** in **red**.
 - Fleet World Map
 - Vessel Latest Status
 - Work Rest Hours Analysis
 - Accident & Incident Analysis

In addition, vessel points on the Fleet World Map will now be displayed as arrows  that indicate the direction in which they are travelling.



2. Procurement

- ❑ [CR 15238] The **Procurement Efficiency KPI** and **Procure to Pay Average Days** reports have been enhanced by adding a new **Weekends** filter for users to select whether to include or exclude weekends when calculating the number of days. By default, the filter is set to exclude weekends.



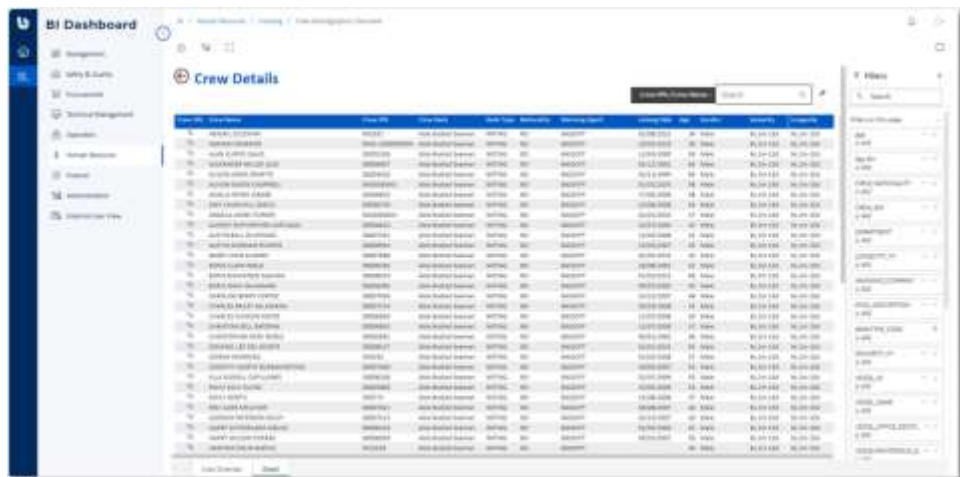
3. Human Resource

- ❑ [CR 15237] The **Crew Demographics Overview** report has been updated with several new elements to enhance data presentation for crew planning and management. Listed below are some of the changes implemented in the **Crew Overview** and **Detail** tabs:
 - Introduced a new **Average Longevity** KPI.
 - Introduced a new **Seniority vs. Longevity** graph to allow comparison of crew composition between their average seniority holding a ranked position and average duration employed, to inform strategic human resource management and planning decisions.
 - Updated the **Age Distribution** graph to include breakdown by Gender.
 - Repositioned KPIs at the top to align with the natural reading flow, from top to bottom, ensuring immediate visibility of key metrics.
 - Remodelled the **Age & Seniority Matrix** by updating the data points based on the Stored Procedure, where previously the age and seniority of crew members were calculated differently.
 - Updated the **Crew Nationality** table to a graph to show the distribution by gender for each nationality along with the crew count.
 - Updated the **Seniority** graph to show crew count by average seniority and by rank type. This graph also includes the drill-down capability to show the average seniority by multiple sub-ranks under the main rank type.

- Added a new **Manning Agent** category to the **Total Crew Onboard** graph so users can see the total number of crew members by their manning agents.
- Removed filters that are not relevant to the **Crew Overview**.



- Updated the hardcoded crew URLs on the **Crew Details** page to dynamic URLs with the capability to change based on the users' environment.
- Updated the Crew Details table to include the new **Longevity** column so that crew longevity data can be viewed and compared with the crew seniority data when users drill through the details.



Crew ID	Crew Name	Crew ID	Crew Rank	Rank Type	Seniority	Manning Agent	Longevity	Age	Seniority	Longevity
100001	John Smith	100001	Deck Officer	Deck	100001	ABC	100001	30	100001	100001
100002	Jane Doe	100002	Deck Officer	Deck	100002	ABC	100002	25	100002	100002
100003	Mike Johnson	100003	Deck Officer	Deck	100003	ABC	100003	20	100003	100003
100004	Sarah Lee	100004	Deck Officer	Deck	100004	ABC	100004	15	100004	100004
100005	David Kim	100005	Deck Officer	Deck	100005	ABC	100005	10	100005	100005
100006	Emily White	100006	Deck Officer	Deck	100006	ABC	100006	5	100006	100006
100007	Chris Brown	100007	Deck Officer	Deck	100007	ABC	100007	0	100007	100007
100008	Alex Green	100008	Deck Officer	Deck	100008	ABC	100008	0	100008	100008
100009	Mia Black	100009	Deck Officer	Deck	100009	ABC	100009	0	100009	100009
100010	Noah Grey	100010	Deck Officer	Deck	100010	ABC	100010	0	100010	100010

BI Data Warehouse Enhancements

This section lists enhancements made to the BI Dashboard Data Warehouse.

❑ New Tables and Data Elements in BI Dashboard

Since v1.2, many new Tables and Data Elements have been added to the system to allow users to extract a larger variety of data into their BI Reports.

The following table displays the updates by domain in BI Dashboard from versions 1.2 to 1.2HF5:

Version	Description
BID 1.2	Initial version consist of: Management, Commons Safety & Quality Procurement Operations Technical Management Crewing Finance
BID 1.2 HF1	Updates: Crewing
BID 1.2 HF2	Updates: Procurement Financial Management
BID 1.2 HF3	Updates: Management, Commons Safety & Quality Procurement Operations Technical Management Financial
BID 1.2 HF4	Updates: Crewing Procurement Safety & Quality Technical Management
BID 1.2 HF5	Updates: Commons Procurement Crewing Safety & Quality

Figure 1 - BI Dashboard 1.2 DB Objects

BID 1.2HF1

Introduction of a new Crewing report, resulting in an increase in the number of data elements compared to the initial BID 1.2 release.

BID 1.2HF2

Increase in data elements compared to BID 1.2HF1 with the addition of new ETL, tables, and data elements to support the newly released Procurement, Financial, and KPI reports.

BID 1.2HF3

Improvements to data elements in the latest BID 1.2HF3 in comparison to BID 1.2HF2, including better table restructuring and accuracy handling as well as improved performance for Procurement reports.

In addition, the standard and naming of data and ETL scripts in the data warehouse have also been improved.

BID 1.2HF4

Increase in data elements compared to BID 1.2HF3 with the addition of new ETL, tables, and data elements to support the newly released Safety & Quality, Technical Management and Crewing reports. The increase is also attributed by an update in Procurement report data elements.

BID 1.2HF5

Improvements to data elements compared to BID 1.2HF4 with the addition of new ETL, tables, and data elements to support the updated Crewing report. The increase is also attributed by an update in Procurement and Commons data elements. Logic changes were also made in one of Stored Procedures related to Safety and Quality.

Technical Documentation and Data Dictionary

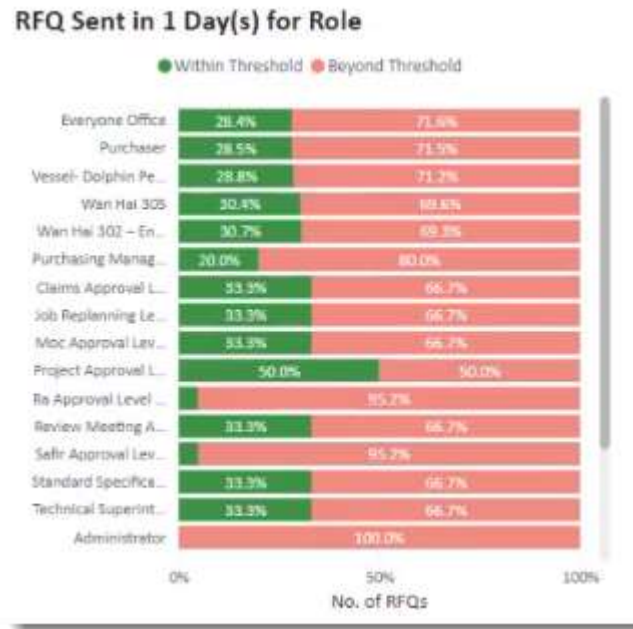
Technical documentation and the Data Dictionary for all BI Reports have been updated to include all the latest changes and reports introduced up to version 1.2 HF5.

Fixes

The following fixes have been applied to improve key areas of the system:

Report Accuracy and Consistency

[80589] Enhanced the accuracy of the **RFQ Sent** bar chart in the **Procurement Efficiency KPI** Report by ensuring that the system now uses the relevant column data to calculate the percentages in the chart.



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