MarSIS : Marine Safety Intelligent System

USER GUIDE FOR
Marine Operations Focal

Internal

VERSION HISTORY

Version	Description	Date
Version 1.0	Initial version for competency training purposes and user manual.	30 November 2021

Marine Safety Intelligent System (MarSIS) is a digital tool that provides reliable insights, predictive and prescriptive analytics to the relevant stakeholders in order to better manage marine offshore vessel safety risk and for a safer operation.

KNOW OUR OBJECTIVES

01 To enhance/revamp current the system architecture of current solution so that it is aligned with PETRONAS Cyber Security requirements and Software Development Standards

02 To improve current system functionalities

03 To introduce a new module called "Active Assessment Evaluation"
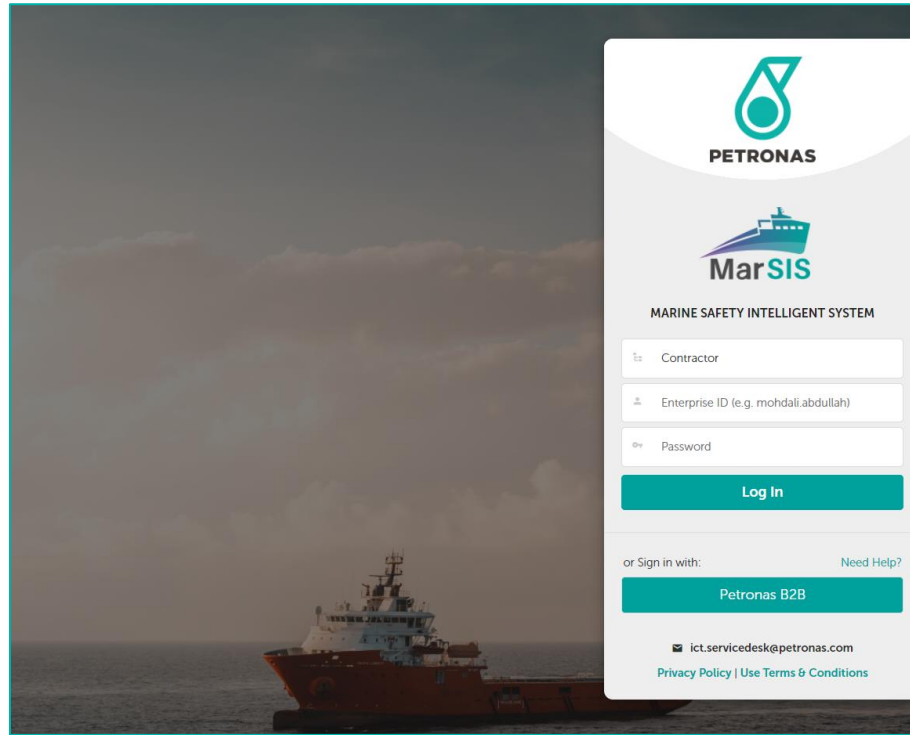
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USER ACCESS

Marine Operations Focal

I am able to access the following features:

- User Profile
- Create Vessel Breakdown Report
- Report Listing
- Vessel Breakdown / Operation Incident Summary

1. Insert the URL: MarSIS (https://marsis.petronas.com/login)

2. Click on "Petronas B2B" button

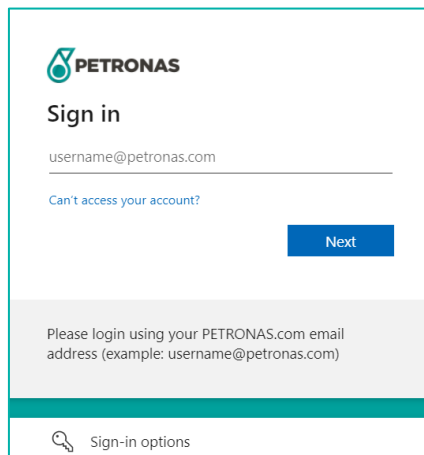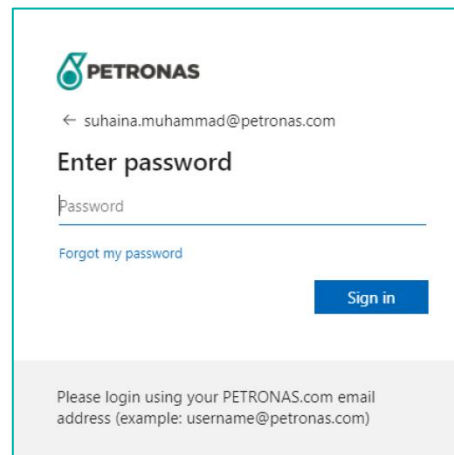3. Fill in your Email ID (username@petronas.com) and click Next button

4. Fill in your Password and click Sign In button

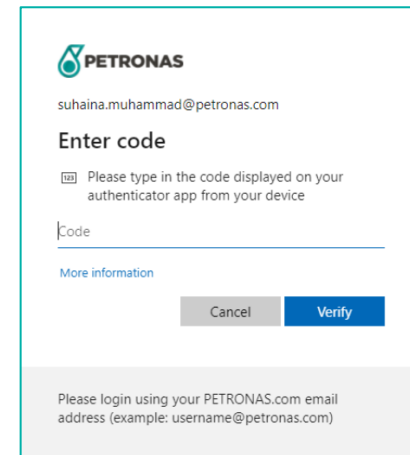5. Fill in the MFA (6-digit) code that is generated via your mobile device and click Verify button

Marine Safety Intelligent System

Vessel Breakdown Report | Report Listing

BREAKDOWN ID	IMO NUMBER	VESSEL NAME	DATE OF BREAKDOWN	
VB/2021/0001	9895874	ALKAHFI CHARM	30/11/2021	

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**Welcome,
Marine Operations Focal**

Dear Users, MarSIS has Go-Live on 26 Nov 2021. Kindly clear browser cache before accessing to MarSIS for better experience in MarSIS.

Get Started

6 Marine Operations Focal will navigate to Announcement popup window upon login into the MarSIS system and click Get Started button

7 Marine Operations Focal will navigate to "Vessel HSE Inspection Report" page

Marine Safety Intelligent System

Welcome, Marine Operations Focal

Vessel Breakdown Report | Report Listing

Search Breakdown ID

BREAKDOWN ID	IMO NUMBER	VESSEL NAME	DATE OF BREAKDOWN	VESSEL OWNER	STATUS
VB/2021/0001	9895874	ALKAHFI CHARM	30/11/2021	Alkahfi	In Progress

ITEMS PER PAGE 10   PAGE 1 OF 1   1 - 1 OF 1 RECORDS

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Step 1   **Left Navigation Bar**

Vessel Breakdown Report: Navigate here to access Vessel Breakdown Report

Step 2   **Top Navigation Bar**

Profile: Navigate to View User Profile page, Reset PIN and Log Out button

1. Go to **Profile** icon, click on the **View User Profile.**

2. Click on **Update** button will navigate Marine Operations Focal to Edit User Profile page. Marine Operations Focal able to update Image Profile and Contact.

3. Click on **Cancel** button to close the Edit User Profile and go back to User Profile page.

4. Click on **Update** button to save the record.

Step 1

1. Click on **Vessel Breakdown Report** in left navigation bar and choose **Create New Breakdown Report**. Marine Operations Focal will be navigated to Create New Report page.

2. Marine Operations Focal required to fill in all mandatory fields on **Vessel Details** and **Breakdown/ Operation Incident Details** sections.

3. On **Breakdown/ Operation Incident Details** section;

   ▪ If Marine Operations Focal choose Operational Incident for **Category of Vessel Breakdown**, field **Type of Machinery Breakdown** are not mandatory to fill in.

   ▪ If Marine Operations Focal choose Mandatory Breakdown for **Category of Vessel Breakdown**, field **Type of Operational Incident** are not mandatory to fill in.

4. On **Attachment** section, Marine Operations Focal can Drag and Drop or click on **Browse** button to upload the related documents with specific format (JPG, JPEG, PNG, PDF). Marine Operations Focal able to attach multiple documents.

5. Click on **Reset** button to clear all the details entered.

6. Click on **Save** button to save the record.

7. By clicking on Save button, the Breakdown ID will be created as "VB/"and status of the report will change into **Draft**.

Step 1

(1)

Vessel Breakdown Report | Create New Report

(2)

Vessel Details

| BREAKDOWN ID * | | VESSEL NAME * |
| Auto generate after save | | x ▼ |

○ Awarded Vessel

○ Running Vessel

VESSEL OWNER *

Enter Vessel Owner

| VESSEL TYPE * | | IMO NUMBER * ⓘ |
| Enter Vessel Type | | Enter IMO Number |

| CONTRACT NUMBER * | | AWARDED CONTRACTOR * |
| Enter Contract Number | | Enter Awarded contractor |

Breakdown/ Operation Incident Details   **(3)**

| CATEGORY OF VESSEL BREAKDOWN * ⓘ | | TYPE OF MACHINERY BREAKDOWN |
| -- Select -- ▼ | | -- Select -- ▼ |

| TYPE OF OPERATIONAL INCIDENT | | TEMPORARY OFFHIRE |
| -- Select -- ▼ | | -- Select -- ▼ |

| CONTRACTOR RECTIFY WITHIN TIMELINE | | DATE OF BREAKDOWN/ OPERATIONAL INCIDENT * |
| -- Select -- ▼ | | 📅 |

| TIME OF BREAKDOWN/ OPERATIONAL INCIDENT * | | LOCATION * |
| HH : MM AM 🕐 | | Enter Location |

| REPLACEMENT PROVIDED | | DATE COMPLETED REPAIR ⓘ |
| -- Select -- ▼ | | 📅 |

| TIME COMPLETED REPAIR ⓘ | | VESSEL DOWNTIME PERIOD |
| HH : MM AM 🕐 | | time |

| DAYS WITHOUT COVERING VESSEL PROVIDED * ⓘ | | DOWNTIME PERIOD IN DAYS |
| Enter Number of Days | | Days |

MITIGATION PLAN ⓘ

Enter Mitigation Plan

REMARKS

Enter remarks

Attachment

(4)

☁

Drag and drop or **Browse** the related document ⓘ
(JPG, JPEG, PNG, PDF)

| NO. | ATTACHMENT NAME | DESCRIPTION | TYPE | |
| | | There is no data. | | |

(5) **(6)**

Back   Reset   Save

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Internal

1. Click on **Vessel Breakdown Report** in left navigation bar and choose **Report Listing**. Marine Operations Focal will be navigated to Report Listing page.

2. On **Report Listing** page, Marine Operations Focal able to view the list of Breakdown Report for status In Progress and Completed.

3. Marine Operations Focal will be able to click on **hyperlink of the Breakdown ID** to view the details of the report or completed the report with status **Draft**.

Vessel Breakdown Report | Report Listing   (2)

Search Breakdown ID 🔍

BREAKDOWN ID	IMO NUMBER	VESSEL NAME	DATE OF BREAKDOWN	VESSEL OWNER	STATUS
VB/ (3)	9359179	AJANG DUHA	04/01/2023	AJANG SHIPPING SDN BHD	Draft
VB/2023/0001	9632430	ALKAHFI ALISHA	03/01/2023	ALKAHFI OIL LESTARI SDN BHD	Completed

ITEMS PER PAGE 10 ▾   « ‹ PAGE 1 OF 1 › »   1 - 2 OF 2 RECORDS

Step 2

Draft

1. Upon clicking on the hyperlink of Breakdown ID, Marine Operations Focal will be navigated to **Vessel Breakdown Report** page.
2. Marine Operations Focal able to fill in the required field and click on **Save** button to save updated details.
3. Marine Operations Focal required to fill in **Date Completed Repair, Time Completed Repair** and **Days without Covering Vessel Provided** field and click on **Submit** button to complete the report.
4. By clicking on Submit button, the status of the Breakdown Report will change into **Completed**.
5. Click on **Export to PDF** button. By clicking on Export to PDF button, the inspection report in PDF file will be downloaded into Marine Operations Focal's PC.

Vessel Breakdown Report
Report Listing > VB/ | Draft

Vessel Details

BREAKDOWN ID *	VESSEL NAME *
VB/	AJANG DUHA
● Awarded Vessel	VESSEL OWNER *
○ Running Vessel	AJANG SHIPPING SDN BHD
VESSEL TYPE *	IMO NUMBER *
Enter Vessel Type	Enter IMO Number
CONTRACT NUMBER *	AWARDED CONTRACTOR *
2345678	AJANG SHIPPING SDN BHD

Breakdown/ Operation Incident Details

CATEGORY OF VESSEL BREAKDOWN *	TYPE OF MACHINERY BREAKDOWN *
Machinery Breakdown	Anchor Handling Equipment
TYPE OF OPERATIONAL INCIDENT	TEMPORARY OFFHIRE
-- Select --	Yes
CONTRACTOR RECTIFY WITHIN TIMELINE	DATE OF BREAKDOWN/ OPERATIONAL INCIDENT *
Yes	04 Jan 2023
TIME OF BREAKDOWN/ OPERATIONAL INCIDENT *	LOCATION *
04 : 00 AM	Kota Kinabalu
REPLACEMENT PROVIDED	DATE COMPLETED REPAIR
Yes	09 Jan 2023
TIME COMPLETED REPAIR	VESSEL DOWNTIME PERIOD
08 : 15 AM	5 days 4 hours 15 minutes
DAYS WITHOUT COVERING VESSEL PROVIDED *	DOWNTIME PERIOD IN DAYS
2	5.18

MITIGATION PLAN
Enter Mitigation Plan

REMARKS
Enter remarks

Attachment

Drag and drop or **Browse** the related document
(JPG, JPEG, PNG, PDF)

NO.	ATTACHMENT NAME	DESCRIPTION	TYPE	
		There is no data.		

Export to PDF

Back | Save | Submit

Step 2

Completed

1. Upon clicking on the hyperlink of Breakdown ID, Marine Operations Focal will be navigated to **Vessel Breakdown Report** page.
2. Marine Operations Focal able to view the details of the Breakdown Report.
3. Click on **Export to PDF** button. By clicking on Export to PDF button, the inspection report in PDF file will be downloaded into Marine Operations Focal's PC.
4. Click on **Back** button to go back to Report Listing page.

1

3

4

Vessel Breakdown Report

Report Listing > VB/2023/0001 | Completed

Export to PDF

Vessel Details

BREAKDOWN ID *	VESSEL NAME *
VB/2023/0001	ALKAHFI ALISHA

○ Awarded Vessel

○ Running Vessel

VESSEL OWNER *
ALKAHFI OIL LESTARI SDN BHD

VESSEL TYPE *	IMO NUMBER *
FCB	9632430

CONTRACT NUMBER *	AWARDED CONTRACTOR *
123456789	ALKAHFI OIL LESTARI SDN BHD

Breakdown/ Operation Incident Details

CATEGORY OF VESSEL BREAKDOWN *	TYPE OF MACHINERY BREAKDOWN
Operational Incident	--- Select ---

TYPE OF OPERATIONAL INCIDENT *	TEMPORARY OFFHIRE
Breach of PETRONAS Requirement	Yes

CONTRACTOR RECTIFY WITHIN TIMELINE	DATE OF BREAKDOWN/ OPERATIONAL INCIDENT *
Yes	03 Jan 2023

TIME OF BREAKDOWN/ OPERATIONAL INCIDENT *	LOCATION *
08 : 45 AM	Miri

REPLACEMENT PROVIDED	DATE COMPLETED REPAIR
Yes	09 Jan 2023

TIME COMPLETED REPAIR	VESSEL DOWNTIME PERIOD
08 : 00 AM	5 days 23 hours 15 minutes

DAYS WITHOUT COVERING VESSEL PROVIDED *	DOWNTIME PERIOD IN DAYS
2	5.97

MITIGATION PLAN
test

REMARKS
test

Attachment

NO.	ATTACHMENT NAME	DESCRIPTION	TYPE	SIZE
		There is no data.		

Back

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Step 1

1. Click on **Vessel Breakdown Report** in left navigation bar and choose **Breakdown / Operation Incident Summary**. Marine Operations Focal will be navigated to Vessel Breakdown Report Summary page.

2. Fill in the filtering criteria and click on the **Search** button.

3. The result will be listed in **Breakdown/Operation Incident Listing** table.

4. Marine Operations Focal can click on Breakdown ID hyperlink and will be navigated to Vessel Breakdown Report page. Marine Operations Focal able to view the details of the report on that page.

5. Marine Operations Focal can click on **Export to Excel** to export the listing to Excel.

Vessel Breakdown Report | Summary

Search Breakdown ID

VESSEL NAME
-Select -

REPORTED BY
- Select -

Reset | Search

Breakdown/Operation Incident Listing

Export to Excel

BREAKDOWN ID	IMO NUMBER	VESSEL NAME	DATE OF BREAKDOWN	DATE COMPLETED REPAIR	VESSEL OWNER	REPORTED BY	STATUS
VB/	9359179	AJANG DUHA	04/01/2023	09/01/2023	AJANG SHIPPING SDN BHD	Marine Operations Focal 1	Draft
VB/2023/0001	9632430	ALKAHFI ALISHA	03/01/2023	09/01/2023	ALKAHFI OIL LESTARI SDN BHD	Marine Operations Focal 1	Completed
VB/2022/0059	9632430	ALKAHFI ALISHA	22/11/2022	30/11/2022	ALKAHFI	MARSIS AUTOMATED BOT	Completed
VB/2022/0058	N/A	A.H. PARAGGI	22/11/2022	30/11/2022	AH PARAGGI	MARSIS AUTOMATED BOT	Completed
VB/2022/0056	N/A	ABIGAIL CLAIRE	18/11/2022	30/11/2022	Dat1111	MARSIS AUTOMATED BOT	Completed
VB/2022/0055	9632442	ALKAHFI AMINAH	01/11/2022	16/11/2022	ALKAHFI LESTARI OIL SDN BHD	MARSIS AUTOMATED BOT	Completed
VB/2022/0054	9359179	AJANG DUHA	02/11/2022	23/11/2022	AJANG SHIPPING SDN BHD	MARSIS AUTOMATED BOT	Completed

Internal

Step 1

1. User click on **Log Out** button in the Profile icon at the top navigation of the page.

2. User will be logged out successfully.

NOTE:

If user close the browser, user will be logged out automatically from the system

POST GO-LIVE SUPPORT

1. 1st level support team who will assist in all inquiry or technical issue related to MarSIS system.

2. Provide 1st troubleshooting assistant and provide necessary guide

✉   Marsis.support@petronas.com.my

🕐   **8am to 8pm – Sunday to Friday**

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Passionate about Progress