

24TH ANNUAL GLOBAL
NAUTICAL SYSTEMS

USER CONFERENCE

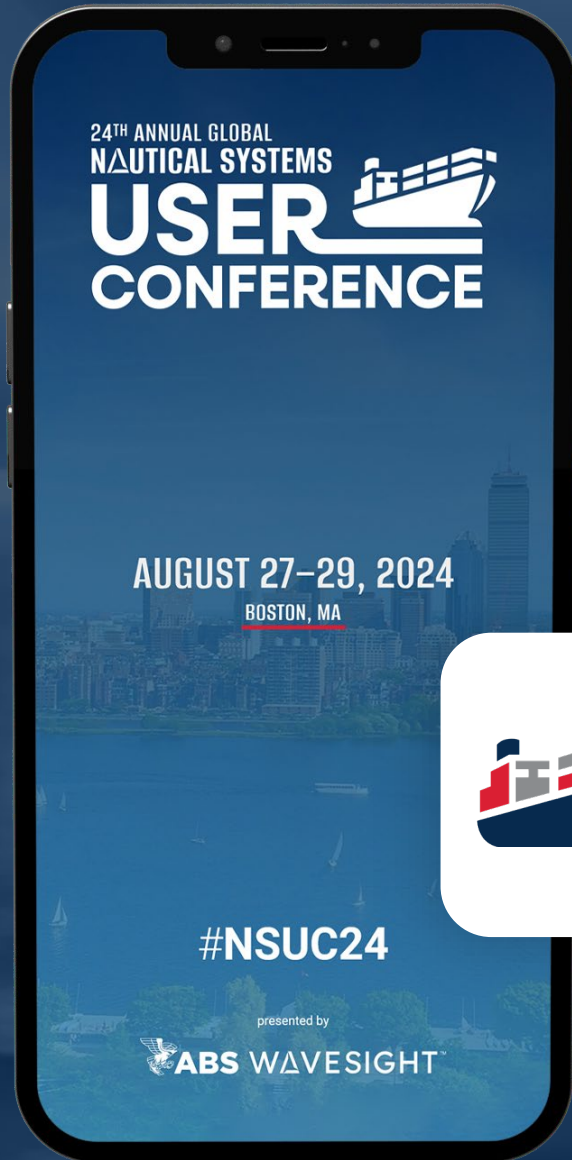


NS Enhancement Highlights

Spencer Meine & Mania Neoudaki

Presented by





GET ON THE LEADERBOARD!

REMINDER: You can earn points during this session! Submit your questions, answer polls and leave feedback on this presentation through the NSUC24 mobile app.

The more you use the app, the more points you earn. Winners will be announced daily.



Spencer Meine

Manager, Customer Success Americas

- Previous NS User as Syst Admin., product user since 2016
- Joined ABS Wavesight in 2022



Mania Neoudaki

Senior Manager, Customer Success EMEA

- Over 10 Years experience in Shipping/Technical experience
- Joined ABS Wavesight in 2023

Agenda

Overview of Enhancements

14:15 – 14:40

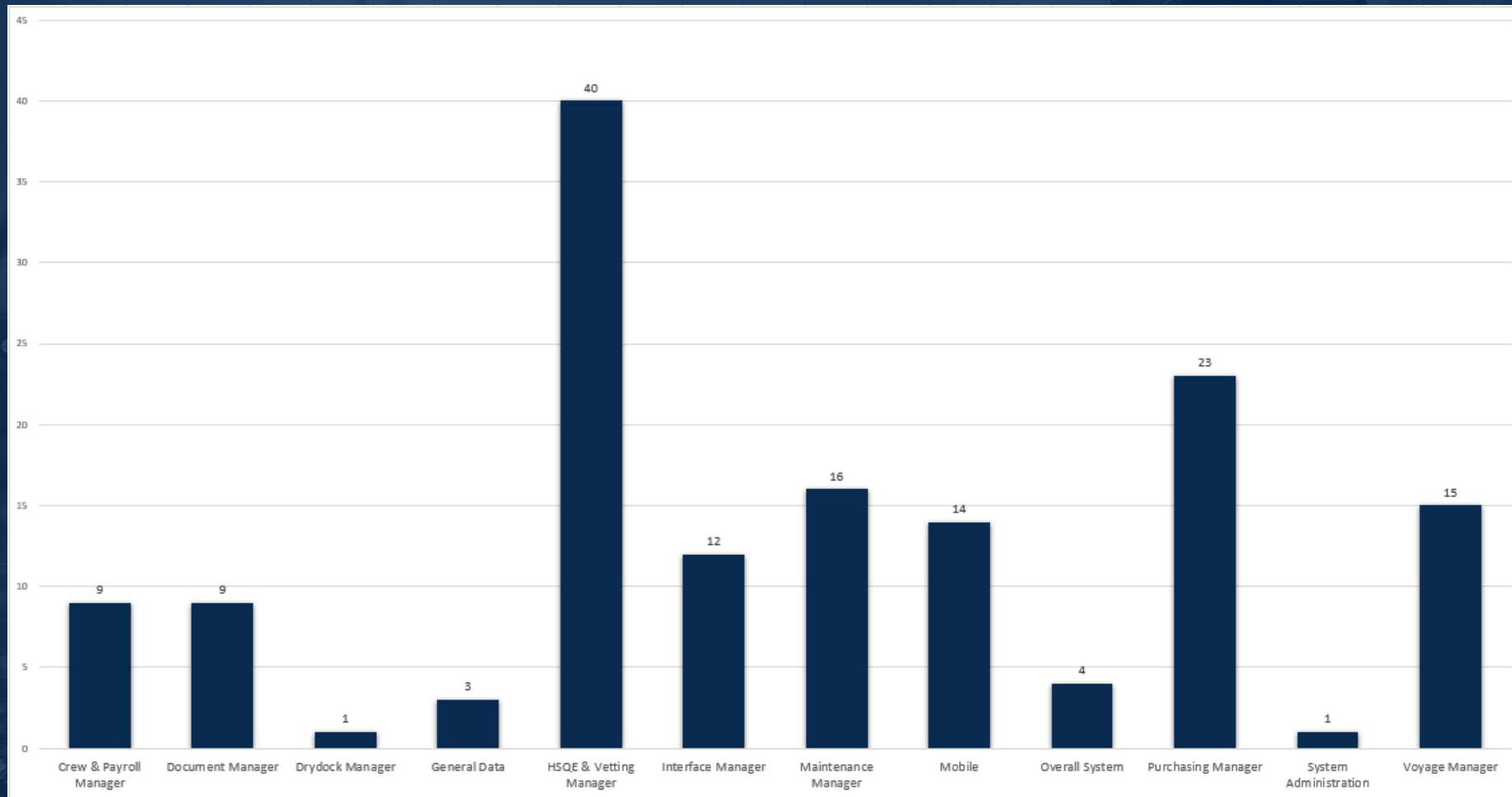
In-App Demonstration

14:40 – 15:00

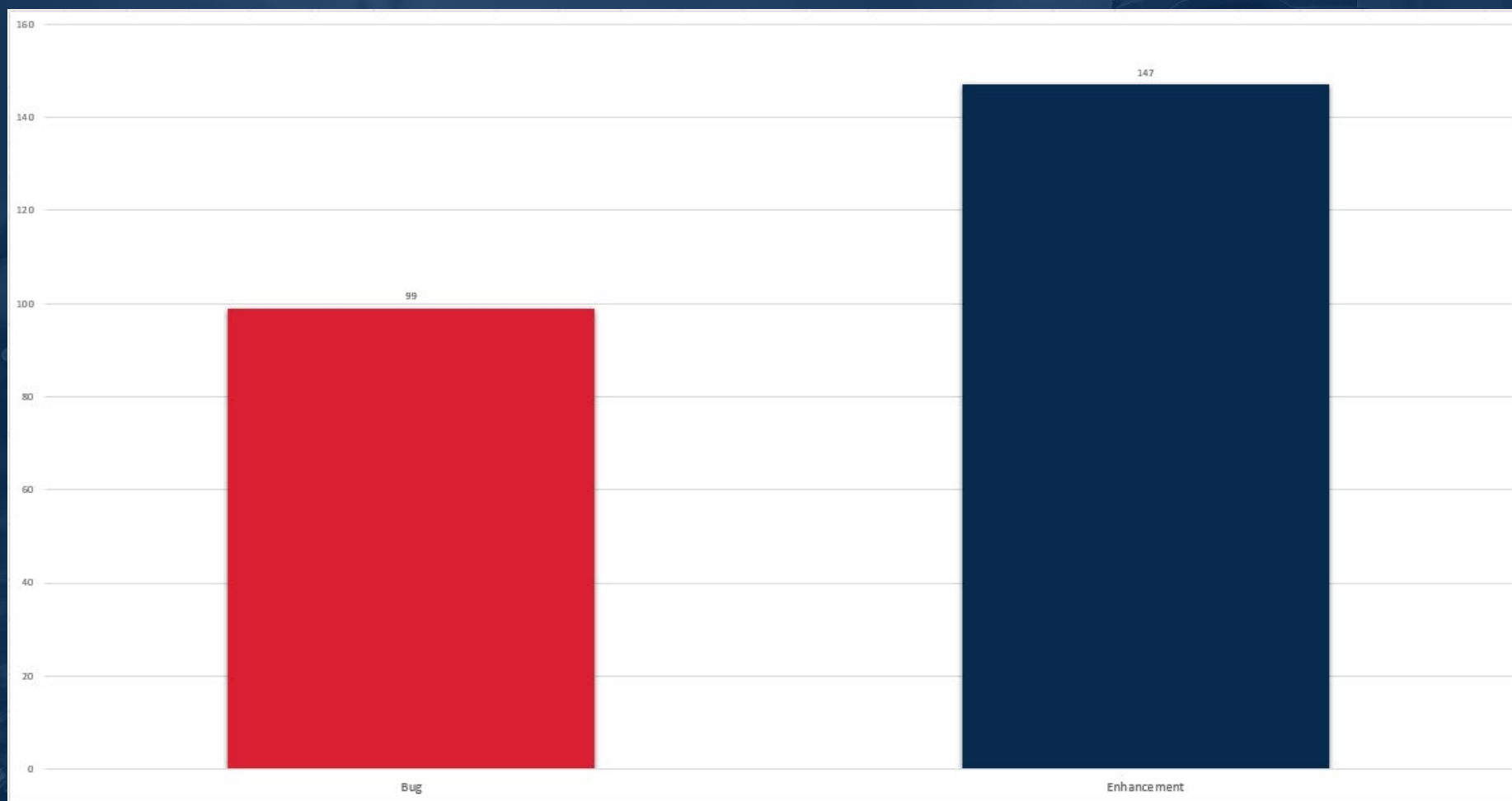


6.5.31, 6.5.32 & 6.5.33 Enhancement Highlights

Vs. 6.5.31, 6.5.32, 6.5.33 Enhancements



Vs. 6.5.31, 6.5.32, 6.5.33 Total



Maintenance Manager



ABS WAVESIGHT™

Standard Job/Work Order

Owner Functionality (6.5.31)

- Captures crew position title as an owner in the standard job and assigns user to WO based on the appropriate crew sign on date.
- New filter in WO Search “I’m the Owner”
- Supports Job Planning

Standard Job - [0178-00000-00013877]

File Reports Help

Machinery **Universe Portugal * Electrical Equip/Controls * A/C Generator #1 (FO)** Equipment

Job Title: A/C Generator #1 (FO) 3 Monthly JSA Requirement ☐ JSA Required Template: ▼

Job Constraint: ☒ Calendar-Based ☐ Counter-Based ☐ Do not schedule during lay-up ☐ Inherent Predecessors Maintenance Trigger: ☒ Grouped Counter ☐ Individual Counter Schedule Based On: ☒ Completion Date ☐ Due Date PTW Requirement: ☐ PTW Required Template: ▼

Calendar Interval: 15 ☒ Weeks ☐ Months Job Size: 1 Status: ☒ Active ☐ Dormant ☐ WO Table Entries Required
Counter Interval: 0 Hours ☐ vs Calendar Job Counter: 0 ☐ WO Findings Required
Open Window: 0 Weeks ▼ Grace: 2 Weeks ▼ Last Done: 17-11-2021 📅
Custom Forms: ▼ Questionnaire: ▼ Last Due: 04-06-2006 📅
Service: ▼ Vendor Analysis: ▼

Job Description **Resources** Admin Info Questionnaire Materials Required Change Log Counter History ◀ ▶

Skills: Project Work ▼ Est. Cost: 0 USD **Generate Estimate**

Usual Method of Execution: ☒ Crew ☐ Outside Contractor

Owner	Position Name	Est. Man-Hrs
<input checked="" type="checkbox"/>	Second Engineer	5.00

Work Order Search

File Tag Process Reports Help

Bookmarks Search

Job Criteria ▼
Failure Data ▼
Condition Filters ▼
Job Safety Analysis ▼
Miscellaneous ⌵

Equipment Code: ▼
Equipment Name: ▼
Equipment Criticality: ▼
Class Jobs Only: ☐
Class No.: ▼
Jobs related to class Findings: ☐
Class Findings: ▼
Resources: ▼
Serialized Item Reference: ▼
Serialized Parts: ▼
Est. Cost: ▼
Parts Required: ☐
Parts Used: ☐
Parts Shortage: ☐
Findings: ☐
Table Entries: ☐
Has Related WO's: ☐
I'm the approver: ☐
I'm the approver by Role: ☒
Custom Forms: ▼
Exported via Purch. Inf.: ▼
Acknowledged in External System: ▼

Save Reset Search

Job Planning

New Feature Added (6.5.31)

- Used by crew on ship level to plan scheduling of multiple work orders and simple tasks.
- HSQE documents are displayed
- Job Planning report is available which will print the confirmed tasks for the day.

JSA Details to Report (6.5.33)

- In the Job Planning screen, the Job Planning Summary report has been enhanced to include JSA and PTW details for each of the Planned Items in the report.

Planned Item Controls (6.5.33)

- When a Planned Item is approved, users will not be able to update or add new information to the following fields:
 - Equipment
 - Job Title
 - Scheduled Date
 - Perform By
 - PM Job
 - SI/Failure/CBM
 - Description
 - Admin Info
 - SP/PTW

Job Planning

Job Planning

File View Process Reports Help

Bookmar... -- Select -- Save Search

Perio... Next 15 Da... From: 08/14/2024 To: 08/28/2024 Go

☒ Work Order ☒ Audits ☒ Vettings ☒ Inspection/Meeting/Drill Show Advanced Search

Date Wise Maintenance Documents Counts:

Planned	Total	Draft	Submitt...	Approved	Rejected	Remarks
08/14/2024	0	0	0	0	0	
08/15/2024	0	0	0	0	0	
08/16/2024	2	2	0	0	0	
08/17/2024	0	0	0	0	0	
08/18/2024	0	0	0	0	0	
08/19/2024	0	0	0	0	0	
08/20/2024	0	0	0	0	0	
08/21/2024	0	0	0	0	0	
08/22/2024	0	0	0	0	0	
08/23/2024	0	0	0	0	0	
08/24/2024	0	0	0	0	0	
08/25/2024	0	0	0	0	0	
08/26/2024	0	0	0	0	0	
08/27/2024	0	0	0	0	0	
08/28/2024	0	0	0	0	0	

Maintenance Documents:

Doc. No.	Title	Status	Department	Owner	Resources	WW	ISA	PTW
5000644	Lifeboat No.01 PORT - Monthly Inspection	DRAFT	SAFETY	Marwitz Nadia		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5000645	Hot Work - Gymnasium passageway bulkhead detex box no.16	DRAFT				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Compliance Documents:

Doc. No.	Job Type	Title	Status	Department	Owner
----------	----------	-------	--------	------------	-------

Unallocated Task Counts:

Unallocated	Total
Work Orders	
Simple Tasks	

Simple Tasks:

Title	Department	Owner	Resources
1 Empty dehumidifier on bridge	DECK		
8 Order Safety Helmet for Cadet	SAFETY		
Order Chai Tea for Cal Maritime Cadet	DECK		
Tighten lashings on the spinnaker	DECK		

Daily Vessel Background - New

File Help

Ship: USS Enterprise (ABS) Date: 08/14/2024

☒ At Sea ☐ In Port Duty Engineer: Hathaway, John

Port: Crew Position: 3E

☐ Cargo Operations

Partly cloudy, wind SW 10 kts

Weather Forecast:

Security Status: LEVEL 4 - No Elevation

NONE or N/A

Garbage Disposal:

Job Planning

File View Process Reports Help

Daily Work Plan Summary

Perio... Next 15 Da... From: 08/14/2024 To: 08/28/2024 Go

Date Wise Maintenance Documents Counts:

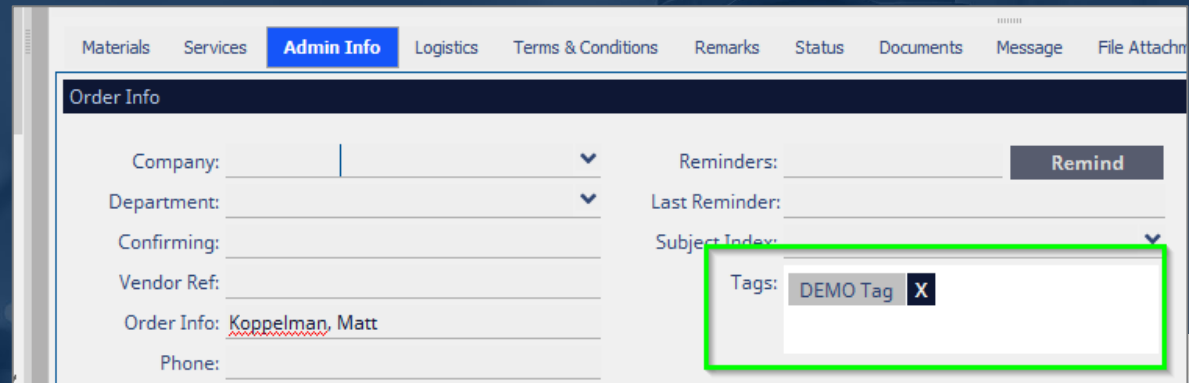
Purchasing Manager



Purchase Order (PO) Enhancements

Tagging Functionality (6.5.31)

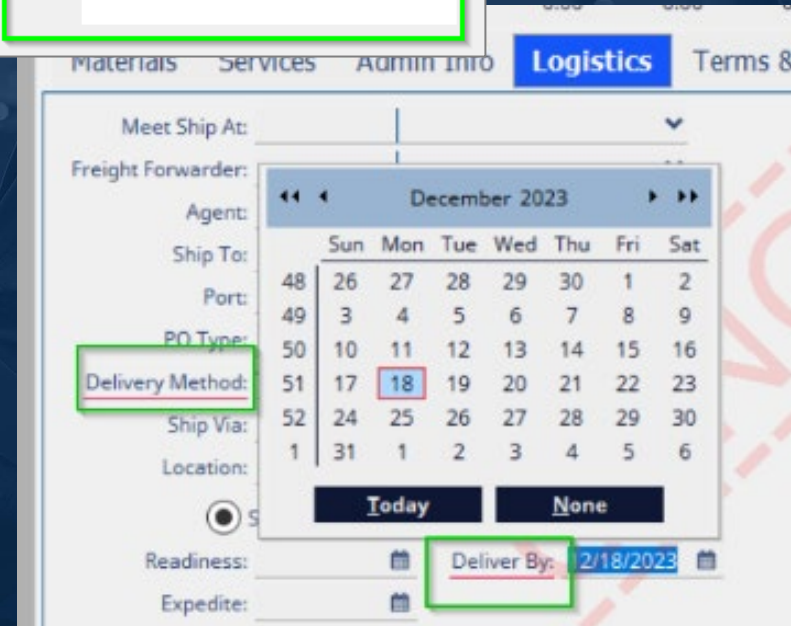
- "Tags" are now available on the Purchase Order screen which are free form text tags
- Included in the PO Search
- PO Interface Export includes these Tags



The screenshot shows the 'Admin Info' tab of a Purchase Order screen. The 'Tags' field is highlighted with a green box and contains the text 'DEMO Tag' followed by a small 'X' icon. Other fields visible include Company, Department, Confirming, Vendor Ref, Order Info (Koppelman, Matt), and Phone.

PO Required Fields Popups – (6.5.32)

- Required fields related to "Deliver By" and "Delivery Methods required for PO Approval" error messages

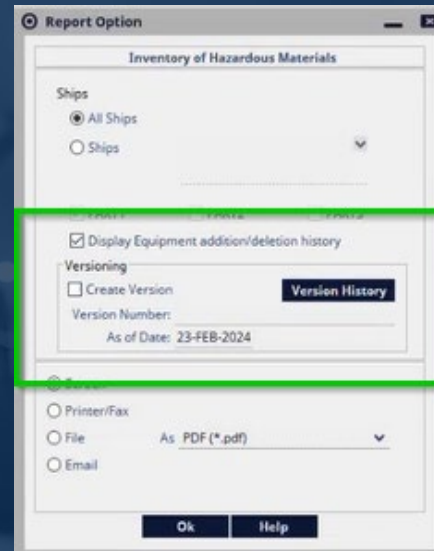


The screenshot shows the 'Logistics' tab of a Purchase Order screen. A calendar popup is displayed for December 2023, with the date 18 highlighted. The 'Delivery Method' field is highlighted with a green box. Below the calendar, the 'Deliver By' field is also highlighted with a green box and contains the date 12/18/2023. Other fields visible include Meet Ship At, Freight Forwarder, Agent, Ship To, Port, PO Type, Ship Via, Location, Readiness, and Expedite.

IHM - Enhancements

IHM Part 1 Enhancements (6.5.32)

- IHM Part I Report to Show Version
- Ability to create version of reports with version Number and creation date
- Ability to view previous saved versions of IHM reports
- Option to view Addition/Deletion history of hazardous parts has been added to the report
- IHM Part I report to display the hazardous parts grouped by their Equipment and Type
- “Update Hazardous Material Delivery” information to show vessel name and provide quick link to PO



Inventory of Hazardous Materials Printed on : 06-Feb-2024

[NRB] MV NORTHERN BAY

Equipment addition/deletion status history

No.	Name of equipment and machinery	Parts where used	Date	Action	User	Remarks
	F.O. TRANSFER PUMP	SDSASAD	24-Jan-2024 09:43:57	REMOVED	ADMIN. USER	all hazardous items
		SDSASAD	24-Jan-2024 09:43:27	ADDED	ADMIN. USER	
			24-Jan-2024 09:37:26	ADDED	ADMIN. USER	Equipment is marked Hazardous with the addition of an hazardous item



Part I-3 Structure and hull containing materials listed in Table A and Table B

No.	Name of structural element	Location	Materials (classification in appendix 1)	Parts where used	Approximate quantity	Remarks
1	BULK HEAD - FOREPEAK TANK	BOTTOM FLOOR	Asbestos	OTHER	242,000 0 KG	AAAAAAAAAAAA

Attribute Delivery Information

This screen lists the hazardous parts for which PO Delivery has been taken but no document has been linked. (Note: The list will filter out those records where the remarks text contains '[NA]')

Documentation Required ☒ All ☐ None
☐ Include [NA] Date: 03/08/2024 Ship: -- Select --

Ship Name	PO No.	Delivered	Part Name	Part No.	Attribute	File Description	Remarks	Attach
USS Enterprise (ABS)	5000212	05/20/2022	Gasket	2	Hazardous	MSDS		
USS Enterprise (ABS)	5000203	10/27/2022	Acc Plus 25 Ltr	651 698704	Hazardous	MSDS	not	



HSQE



ABS WAVESIGHT™

HSQE Multiple Documents

Incident/Finding/CAR: Risk Assessment (6.5.32)

- Users can now capture Risk Assessment Method Statements (RAMS) for Incidents, Findings and Corrective Actions. This feature includes new user authorizations and includes hazard category identities like People, Asset, Community and Environment.

Quality & Compliance Incident - crew member hit moving crane - [0802-00001-00000012]

File Process Reports Help

Created Reported Reviewed Investigated CAPA Verified Closed

Incident No.: 5000001 Title: crew member hit moving crane

Type: Injury Fleet: Category: ☐ Flag State Notified?

Ship: Ship Team: IMO No: ☐ Class Notified?

Location: Voyage: Doc Owner: ☐ 3rd Party Notified?

☒ At Sea ☐ In Port Reported By: Closed By: ☐ D&A Testing Required?

City, Country: ☐ Notified Customer: Questionnaire: ☐ Fatality

Lat: Event Date: 07/04/2024

Long: Time: 10:31

Reported: Log-booked Date: Time: Closed:

Intervention File Attachments Message DMS Link Status Location/Spill Preventive Actions Illness & Injury Custom Forms Purchasing Docs Equipment/Space/Structure Live Condition Report Confidential Notes **Risk Assessment**

Actual Severity

Hazard Category	Severity	Description	Ris...
People	3	Major injury or health effect	
Assets	0	No Damage Cost: \$0	
Community	0	No Effect	
Environment	0	No Effect	

Potential Scenario

Hazard Category	Severity	Likelihood	Ris...
People	4	E	
Assets	0	A	
Community	0	A	
Environment	0	A	

Status

Entered By	Acted By	Date Time
		07/04/2024
Reviewed by		
Supervisor		
Reported By		

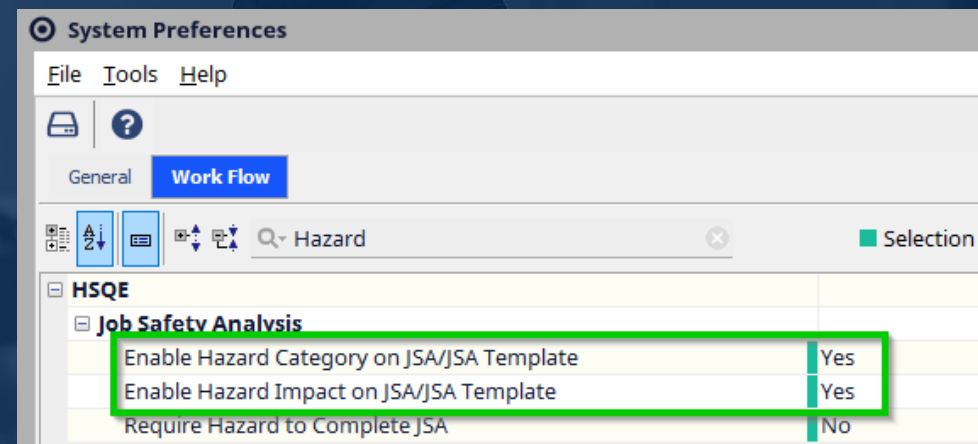
Impact Analysis

Potential Scenario

Job Safety Analysis (JSA)

JSA Multiple Enhancements (6.5.32 & 6.5.33)

- Hazard category and hazard impact appear in JSA document and template
- Found in System Preferences → Work Flow
- JSA search screens have been enhanced to show the JSA Template last updated date
- Can complete JSA without completing Risk Assessment checklist
- New system preference added "Review Checklist during JSA completion"
- Configurable value for Severity and Likelihood in Risk Matrix



Permit To Work (PTW)

PTW Time Zone Enhancements (6.5.33)

Updates have been made to display all Permit to Work dates based on the user's time zone. This option ensures that the validity period of a Permit to Work (PTW) is displayed correctly when viewed from workstations that have a different time setting from the server.

Enhancements have been made to the Permit To Work (PTW) document, allowing users to configure the cancellation process. Users can now see changes in the cancellation process across the permit when configuring the caption. Additionally, the Completed Date label in the PTW Header Date section can now be customized. The following IDs are customizable:

- • 16146=Completed Date
- • 16129=Cancelled
- • 16130=Cancel Permit



Drydock



ABS WAVESIGHT™

Change Order - Automatic

Auto-Creation of Change Orders (6.5.31)

- After updating total cost, the new change order will be created for that job if there is no change order already existing
- If CO exists already, updated cost is updated as revised cost if in draft or submitted status
- Total Cost calculated per Enterprise app and reflected in Mobile
- Change Orders button switches from yellow to green if all COs are approved

Change Order - 00012 - [0756-00001-00000022]

File Process Process Jobs Reports Help

APPROVED

Change Order No.: 00012 Type: Modify Job

Title: DDK 2 - WO 1

DDK Job Category: DDK JOB CATEGORY 1 Account: ACCOUNT 1 ACCOUNT 1

WO's/SR's: 0000005 Project:

Drydock No.: 0000002 PO Item No.: Item No.: 1

Cost		
Shipyard Bid Date:	Port Eng. Est. Cost: 0.00	Net Cost: 400.00
Final Bid Date:	Shipyard Bid Cost: 0.00	Local Tax: 0.00
Price Till Date:	Final Bid Cost: 400.00	National Tax: 0.00
Currency: USD	Revised C... 100.00	Total Cost: 400.00

Additional time required ☐ No ☐ Yes

Work can start before price agreed ☐ No ☐ Yes

☐ Preliminary Price Agr... ☐ Exclude Cost

Description Condition Reports Message File Attachments Status Custc 4 ▶

This is a system generated Change Order

#0000005 [1] DDK 2 - WO 1 WO/Crew CREATED

0 % Completed

Estimated Cost: \$100.00 Contracted Cost: \$100.00 Total CO Cost: \$400.00

Total Cost: \$500.00 Scheduled Date: Dec 1, 2023 ABC: A - Will do

Sub Items Change Orders

#0000006 [2] DDK 2 - WO 2 WO/Crew CREATED

0 % Completed

Estimated Cost: \$200.00 Contracted Cost: \$200.00 Total CO Cost: \$0.00

Total Cost: \$200.00 Scheduled Date: Dec 1, 2023 ABC: A - Will do

Sub Items Change Orders



Crew & Payroll



ABS WAVESIGHT™

CWRH – Approval for Multiple Days

- New Screen for Crew Rest Work Hour Approval
- Multiple Day Approval – Approve a period vs daily
- New System Preference

Approve Work/Rest Hours - Periodic

File Tag Process Help

Ship: Universe Portugal
 Department: -- Select --
 Personnel: -- Select --
 Start Date: 13-01-2024 End Date: 18-01-2024 Refresh

View Type
☒ Summary
☐ Detail

Status
☐ Approved
☒ To be Approved

Filter
☒ With errors/warnings
☒ Without errors/warnings

Name	Total Work Hrs	Total Rest Hrs	Payroll No.	Position	Billet	PJC	Original Sign On	Due Off
SMITH, KEVIN	70:00	74:00	20000000	Master	CP	B-MSTR01	08-11-2023	31-10-2024
BLANCA, GERALD	65:30	78:30	03310000020	Chief Officer	0	B-CO1	25-06-2023	21-11-2023
Chareton, Edam Glenn V.	31:00	113:00	10000000230	Second Officer		I-201	03-02-2021	02-06-2021
Chareton, Edam Glenn V.	31:00	113:00	10000000230	Second Officer		I-201	03-02-2021	02-06-2021
Enderson, George	24:00	120:00	50000000074	Third Officer	0	S-30	26-03-2021	19-08-2021
CAHA, DIPAK KUMAR JOSEPH	66:00	144:00	10000000018	Chief Engineer		I-CE02	01-11-2020	30-09-2024

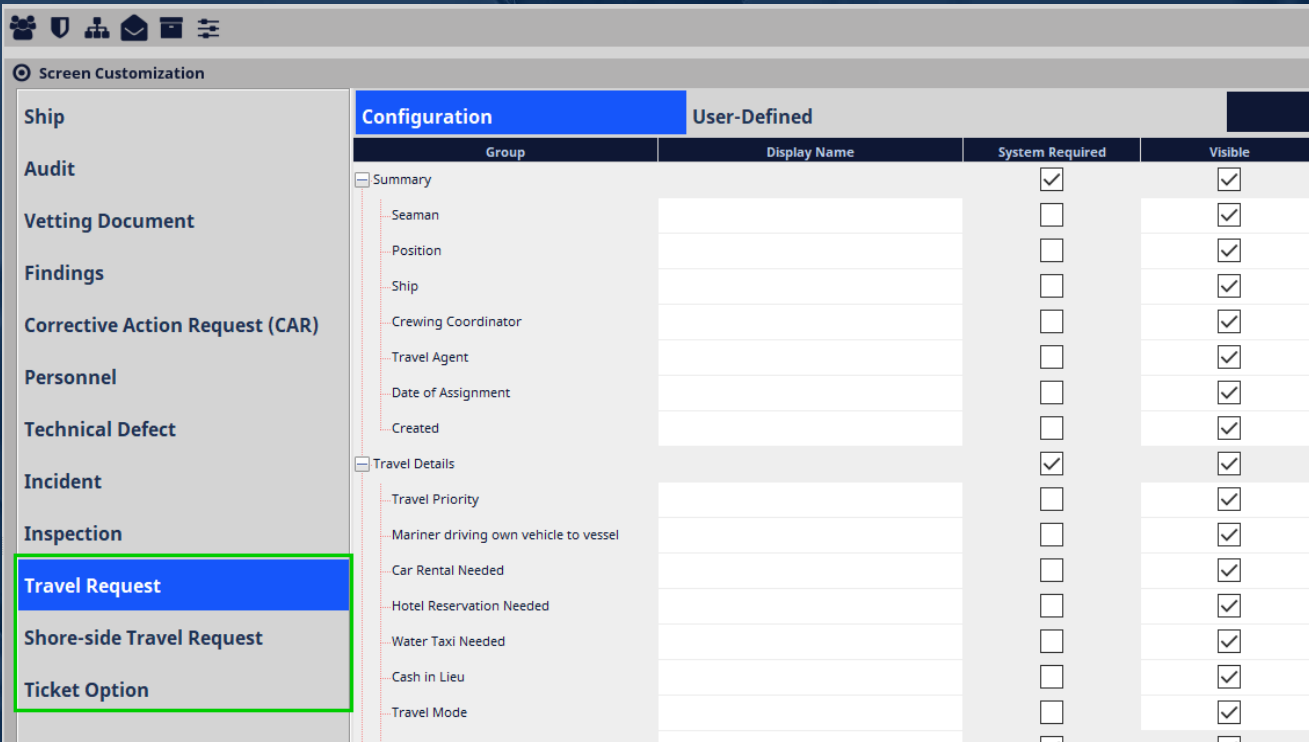
Date Time	Status	Total Work Hrs						Total Rest Hrs					
		24 Hours		72 Hours		7 Days		24 Hours		72 Hours		7 Days	
		Last	Next	Last	Next	Last	Next	Last	Next	Last	Next	Last	Next
13-01-2024	To be Approved	11:00	15:00	22:00	37:00	11:00	70:00	13:00	09:00	50:00	35:00	157:00	98:00
14-01-2024	To be Approved	15:00	12:00	34:00	34:00	22:00	59:00	09:00	12:00	38:00	38:00	146:00	109:00
15-01-2024	To be Approved	12:00	12:00	35:00	35:00	34:00	47:00	12:00	12:00	37:00	37:00	134:00	121:00
17-01-2024	To be Approved	12:00	13:00	34:00	25:00	56:00	25:00	12:00	11:00	38:00	47:00	112:00	143:00
18-01-2024	To be Approved	13:00	13:00	35:00	13:00	68:00	13:00	11:00	11:00	37:00	59:00	100:00	155:00

Use Official Crew List as filter in Port Clearance Reports	No
<input checked="" type="checkbox"/> Crew Rest Work Hours	
Notify Subscribed Users for Missing Active Seaman's Work Rest Hour...	0
<input checked="" type="checkbox"/> Approve Work Rest Hours	Daily
<input checked="" type="checkbox"/> Document Management System	Daily
<input checked="" type="checkbox"/> DMS	Periodic
How many versions to maintain	0

Integration with Travel Agents

New interfaces & Screen Customization (6.5.32)

- Exporting Travel Request details
- Accepting one or more Ticketing Options
- Exporting Ticket Option, selected by the authorized person in NS
- Accepting the final Ticket Option in NS



Configuration		User-Defined	
Group	Display Name	System Required	Visible
Summary			
	Seaman	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Position	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Ship	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Crewing Coordinator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Travel Agent	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Date of Assignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Created	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Travel Details			
	Travel Priority	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Mariner driving own vehicle to vessel	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Car Rental Needed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Hotel Reservation Needed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Water Taxi Needed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Cash in Lieu	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Travel Mode	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Depart From	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Crew Travel Request

- New Travel Request Screen
- Process of one or more Travel Requests simultaneously
- Travel Request & Ticket Option tab enhancements

[18] Travel Request [Universe Portugal]

File View Tag Process Reports Help

☒ List
☐ List with Details
☐ Signed On Only
☐ Scheduled Only
☒ **Travel-On/Off Going**
☐ Signed-On and Scheduled

Port: Reason: ☐ Ignore partial rate at Sign Off ☐ Sign-off Re

	Payroll No.	Position	Billet	Code	PJC	StBill	Original Sign On	Due Off
SMITH, KEVIN	2000000	Master		1 B-MSTR01		0	08-11-2023	31-10-2024
BLANCA, GERALD	03310000020	Chief Officer	0	3 B-CO1		0	25-06-2023	21-11-2023
Chareton, Edam Glenn V.	10000000230	Second Officer		5 I-2O1		0	03-02-2021	02-06-2021
Anderson, George	50000000074	Third Officer		7 S-3O		0	26-03-2021	19-08-2021
CAHA, DIPAK KUMAR JOSEPH	10000000218	Chief Engineer		9 I-CE03		0	01-11-2020	20-09-2024
Fernandes, Tarson	10000000081	Second Engineer						
CINGBAL, NANGUIRISH PRAKASH	03460000212	Fourth Engineer						
Cahgal, Karan	10000000220	Fifth Engineer						
Cuthar, Rameshwar Panganiban	10000000260	Electrical Officer	0					
Darzi, Hari	03460000982	Deck Cadet						
KAHATAPITIYA GAMAGE, DON TUCIAN...	03460000369	Bosun	0					

[18] Travel Request [Universe Portugal]

File View Tag Process Reports Help

☒ Sign Off
☐ Remains O/h

Sign-Off Date:

☒ **Submit Travel Request**
☐ Cancel Travel Request
☐ Performance Review

Travel Type	From	To
Off-Going	Changi International Airport	MNL

	Payroll No.	Position
SMITH, KEVIN		Master
BLANCA, GERALD	03310000020	Chief Officer
Chareton, Edam Glenn V.	10000000230	Second Officer
Anderson, George	50000000074	Third Officer
CAHA, DIPAK KUMAR JOSEPH	10000000218	Chief Engineer
Fernandes, Tarson	10000000081	Second Engineer

Voyage Manager



Mooring Management and Maintenance

Maintenance Manager

- Ship screen
- City/Country
- Equipment and parts
- Serialized Items
- Standard jobs for Serialized Items
- Index terms
- Filters
- Reports and Gadgets

Standard Job - MOORING LINE COUNTER BASED JOB-1 - [0178-00001-00000006]

File Serialized Item Reports Help

Serialized NORTHEN BAY * Mooring Line 1

Job Title: MOORING LINE COUNTER BASED JOB-1

JSA Requirement: ☐ JSA Requirement Template:

Job Constraint: ☐ Calendar-Based ☐ Counter-Based

Maintenance Trigger: ☒ Grouped Counter ☐ Individual Counter

Schedule Based On: ☒ Completion Date ☐ Due Date

PTW Requirement: ☐ PTW Required Template:

Calendar Interval: 0 ☒ Weeks ☐ Month

Counter Interval: 0 Hours ☐ vs Calendar

Open Window: 0 Weeks

Custom Forms:

Service:

Job Size: 0 Status: ☒ Active ☐ Dormant

Job Counter: 0

Grace: 0 Weeks

Questionnaire:

SI Reference: Mooring Line 1

Vendor Analysis:

WO Table Entries Required: ☐

WO Findings Required: ☐

Job Description Serialized Items Resources Admin Info Questionnaire Materials Required Chan 4

Reference: Mooring Line 1 ☐ All ☒ Available Locally ☐ Available at Other Sites

Name	Ship	Location	Status	Condition	Hours Run	Expiry Date	Serial No.	ETE Date	EOL Date
Mooring Line 1-1	NRB		Installed		877		1	02/23/2024	
Line 1-2	NRB		Installed		1092		2		02/23/2024

Mooring Management and Maintenance

Voyage Manager

- Mooring Configuration
 - Mooring Lines
 - Pennants
- Events
- Add Mooring Logs
- Notification for End of Life
- Reports

ABS Nautical Systems | Welcome, [Fleet] | Central (Central) (6.5.32) | Production

Navigation: Crew Manager | HSQE Manager | **Voyage Manager** | eLogs | Reporting | Insight BI | Interfaces

Left Menu: Waste Management, Garbage Record Book, MRV Health Check, Voyage Abstract Log, Daily Report, Voyage Event Listing, Ballast Water Manage..., Vessel Performance D..., Voyage Events Report, Hindcast Weather Rep..., Towing Report, Email Report, **Mooring Reports**, Mooring Line Invent..., Mooring Line Summary, Mooring Pennant Su..., Mooring Line Usage L..., Mooring Pennant Usa..., Administration, Favorites

Mooring Line Inventory

Vessel Type: Cargo Tanker
IMO: -

Winch Mooring Rope Inventory (Reeled Rope)

Location	Position	Material/Construction	Dia (MTR)	MBL (MT)	Certificate No	Entered Service	Remarks
LOC1	Forward	Wire ropes consist of high-tensile steel wires, which are extremely strong and durable.	0.2	111.22	CER-M-11	02-22-2024	
LOC2	Mid	Wire ropes consist of high-tensile steel wires, which are extremely strong and durable.	0.2	111.22	CER-M-11	02-22-2024	

Spare Winch Mooring Rope Inventory (Reeled Rope)

Data Not Available

Soft Mooring Rope Inventory(Non Winch Mounted)

Data Not Available

Mooring Pennants / Tails

ID	Location	Type	Dia (MTR)	MBL (MT)	Certificate No	Entered Service	Remarks
3	LOC1	ROPE	33	11.45	CER-P-1	02-22-2024	
4	LOC2	ROPE	33	11.45	CER-P-1	02-22-2024	

Mooring Diagram

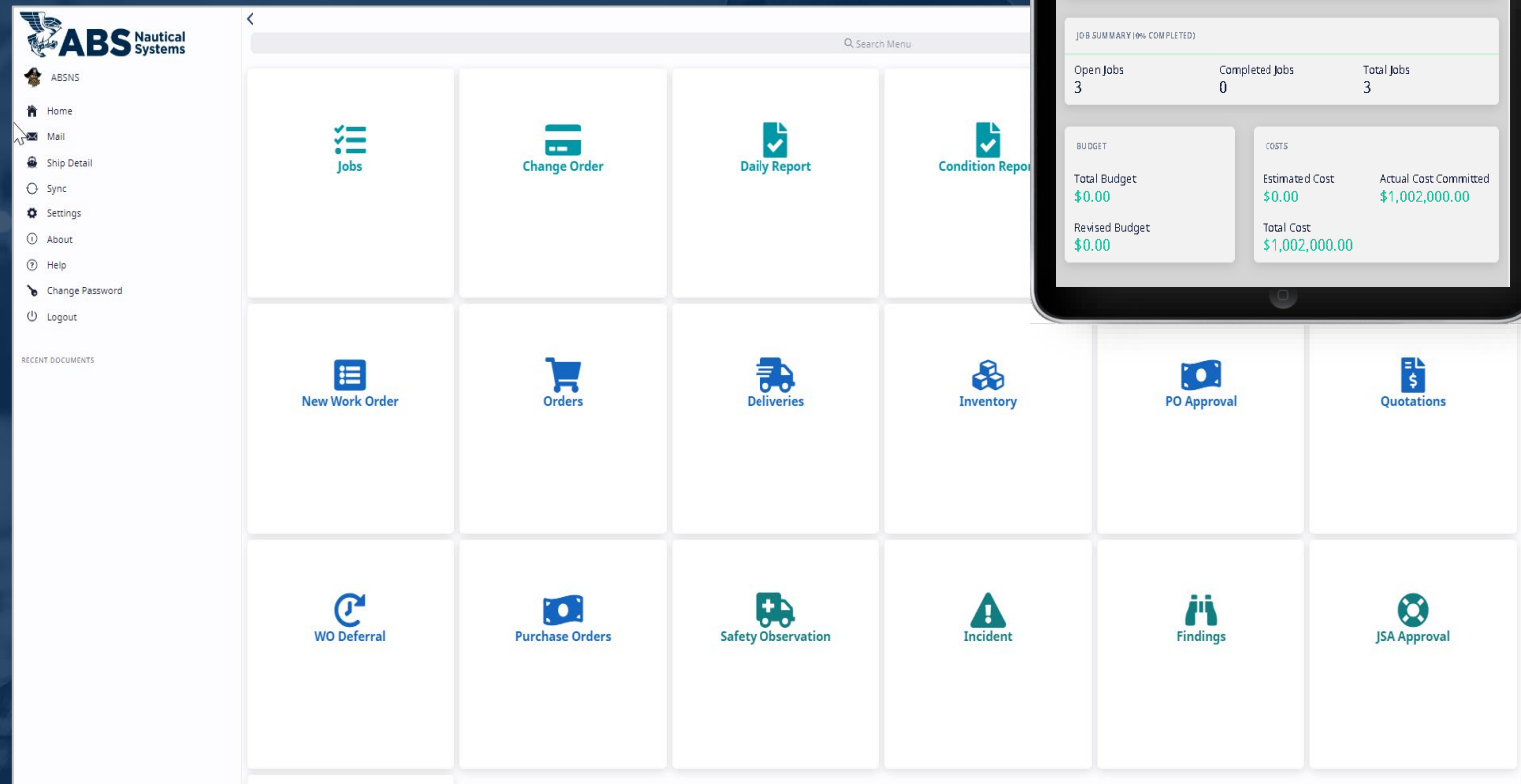
Mobile - Drydock



New NS Drydock Mobile Application

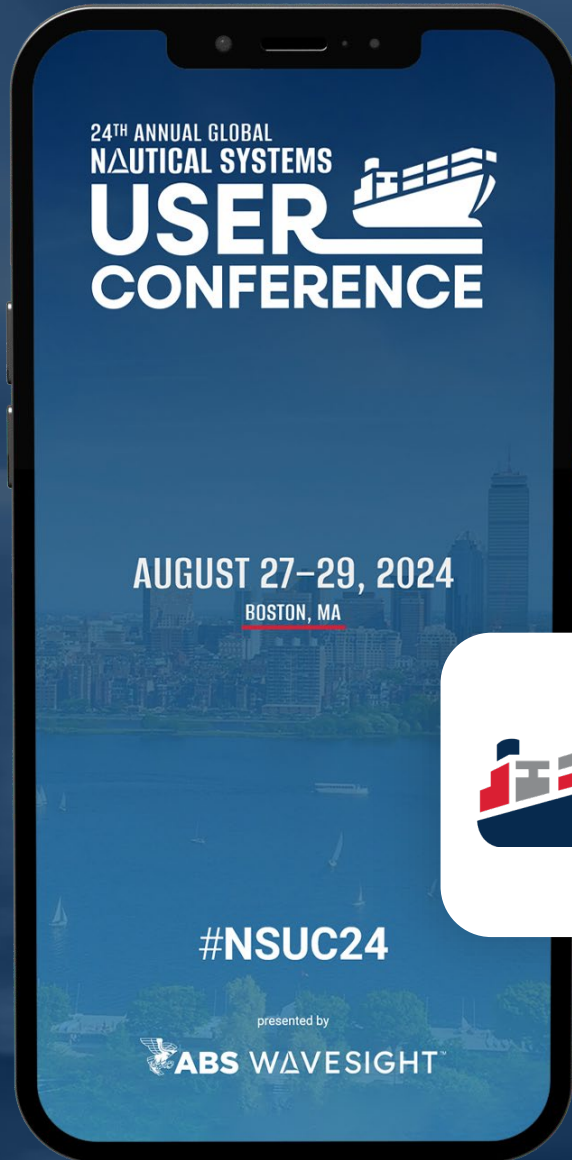
- Execute actions while in the yard, removing the need for paper
- Manage Job Tracking percentage against total to maintain the schedule
- Update and complete jobs at the point of work to accurately report status
- Easily view budget cost vs actual to manage Drydock cost

Available on Chrome/Edge Browser Also!



In-App Demonstration





How many points did you get?

Use the NSUC app leaderboard to check your score and keep participating throughout the conference for a chance to win prizes (and bragging rights)!

#NSUC24



THANK YOU

#NSUC24

 **ABS WAVESIGHT™**



24TH ANNUAL GLOBAL
NAUTICAL SYSTEMS

USER CONFERENCE

