

"Stop Using paper, pencil and calculators. Use ORBIT."



Oil Record Book-IT

Oil Record Book Intelligent Tool (ORB-IT) is one of Blue Water's innovative marine solutions for the shipping industry. ORB-IT enhances productivity onboard by helping ship staff to record and review the operations carried out in the Machinery spaces.

It generates electronic reports of ORB operations in accordance with latest maritime regulatory requirements specified in MARPOL and MEPC guidelines [insert no]. ORB-IT was designed to make ORB entries simple, validated and transparent.

How does it work?

The Vessel staff enters the sounding of the tanks for the required operations which will automatically calculate their ROB figures. Latest ROB is validated for inputs during the entry, along with checks for mathematical and clerical errors before saving it into the system database. Once the operation is submitted, approval from the Admin (senior officer) is required to authorize the entry. Approval from the 'Admin' will generate the electronic report of the operation.

Cleaning(Oil Fuel Tanks)	<p>Non-automatic discharge to overboard or disposal/collection of bilge water, accumulated in the machinery spaces</p> <p>Date selected by you for Operation: 09/11/2016</p> <p>[Current Trim: 0 m] [Current List: 0 Deg]</p> <p>Method of Discharge, Transfer, Disposal <input type="text" value="To Reception Facilities"/></p> <p>Starting Date and Time (D)14 Ending Date and Time (D)14</p> <p>Date <input type="text" value="9/11/2016"/> Time <input type="text" value="1315"/> Hours Date <input type="text" value="9/11/2016"/> Time <input type="text" value="1600"/> Hours</p> <p>Port Name (D)15.2 <input type="text" value="Demo"/></p> <table border="1"> <thead> <tr> <th>Select Tank</th> <th>Current Sound.(cm)</th> <th>Current Quantity(m³)</th> <th>Last Retained(m³)</th> <th>Receipt No.</th> <th>Max. Cap. (m³)</th> <th>Disch. Qty(m³)</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Bilge W. Hold.Tk</td> <td><input type="text" value="28"/></td> <td><input type="text" value="3.5"/></td> <td><input type="text" value="5.50"/></td> <td><input type="text"/></td> <td><input type="text" value="24.1"/></td> <td><input type="text" value="2.00"/></td> </tr> <tr> <td><input type="checkbox"/> Clean Bilge Tk</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="2.90"/></td> <td><input type="text"/></td> <td><input type="text" value="14.9"/></td> <td><input type="text"/></td> </tr> <tr> <td><input type="checkbox"/> Bilge Water .Sett.Tk</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="0.00"/></td> <td><input type="text"/></td> <td><input type="text" value="5"/></td> <td><input type="text"/></td> </tr> </tbody> </table> <p><input type="button" value="Submit"/></p>	Select Tank	Current Sound.(cm)	Current Quantity(m ³)	Last Retained(m ³)	Receipt No.	Max. Cap. (m ³)	Disch. Qty(m ³)	<input checked="" type="checkbox"/> Bilge W. Hold.Tk	<input type="text" value="28"/>	<input type="text" value="3.5"/>	<input type="text" value="5.50"/>	<input type="text"/>	<input type="text" value="24.1"/>	<input type="text" value="2.00"/>	<input type="checkbox"/> Clean Bilge Tk	<input type="text"/>	<input type="text"/>	<input type="text" value="2.90"/>	<input type="text"/>	<input type="text" value="14.9"/>	<input type="text"/>	<input type="checkbox"/> Bilge Water .Sett.Tk	<input type="text"/>	<input type="text"/>	<input type="text" value="0.00"/>	<input type="text"/>	<input type="text" value="5"/>	<input type="text"/>
Select Tank		Current Sound.(cm)	Current Quantity(m ³)	Last Retained(m ³)	Receipt No.	Max. Cap. (m ³)	Disch. Qty(m ³)																						
<input checked="" type="checkbox"/> Bilge W. Hold.Tk		<input type="text" value="28"/>	<input type="text" value="3.5"/>	<input type="text" value="5.50"/>	<input type="text"/>	<input type="text" value="24.1"/>	<input type="text" value="2.00"/>																						
<input type="checkbox"/> Clean Bilge Tk		<input type="text"/>	<input type="text"/>	<input type="text" value="2.90"/>	<input type="text"/>	<input type="text" value="14.9"/>	<input type="text"/>																						
<input type="checkbox"/> Bilge Water .Sett.Tk		<input type="text"/>	<input type="text"/>	<input type="text" value="0.00"/>	<input type="text"/>	<input type="text" value="5"/>	<input type="text"/>																						
Ballasting(Oil Fuel Tanks)																													
Disch. Of Dirty Cleaning Water																													
Collection Of Oil Residues - Automatic																													
Collection Of Oil Residues - Manual																													
Disposal:Oil Residues To Reception Facility																													
Transfer Of Oil Residues																													
Disposal:Oil Residues Incineration																													
Disposal:Oil Residues By Other Methods																													
Non-Automatic Discharge(Bilge Water)																													
Automatic Discharge(Bilge Water)																													
Condition Of Oil Filtering Equipment																													
Accidental/Other Exceptional Disch. Of Oil																													
Bunkering Of Tanks For Fuel Oil																													
Bunkering Of Tanks For Lube Oil																													
General Remarks																													
ORB Report (user reference)																													
User Password Management																													

Insight

- User Interface and Screen layout similar to paper-based logbook making entry easy and quick.
- Authorization by senior officers for entries.
- Maintains Quantities Log of each IOPP tank.
- Automated validations against previous entries, tank and equipment capacities to ensure error free entries.

Vessel: Demo Teekay

Monday, September 12, 2016 2:02:28 PM



Print

Oil Record Book Entries(Approved)

From Date To Date

Report of approved entries from 31-Aug-16 12:00 AM to 01-Sep-16 12:00 AM .

Date	Code	Item	Record of operations/Signature of officer in charge
01-Sep-2016	A	1	No.2 HFOT(P) Cleaned.
		3.1	Position at start : 11 deg 01 min N , 121 deg 01 min E , Time at start 1400 hrs
			Position at completion : 11 deg 02 min N , 121 deg 02 min E , Time at completion 1600 hrs
		3.2	No.2 HFOT(P) cleaned by Steaming
		3.3	9.40 m ³ of Cleaning water transferred to Clean Bilge Tk

Date	Code	Item	Record of operations/Signature of officer in charge
01-Sep-2016	B	5	Discharge of dirty ballast / cleaning water from Clean Bilge Tk
		6	Position at start : 18 deg 56 min N , 72 deg 54 min E
		7	Position at completion : 18 deg 56 min N , 72 deg 54 min E
		8	Ship's speed during discharge 0 Knots
		9.2	Method of discharge : to reception facilities : JNTP Mumbai
		10	Discharged Quantity : 7.50 m ³

- User-defined permissible quantity limit for each IOPP tank.
- Standardized reporting and remarks.
- Consumption Entries for Oil Fuel tanks
- Designed using MARPOL and the MEPC68/9 guidance
- Any changes in the Legal and Regulatory Marine Environment are immediately incorporated into ORB-IT without any financial burden.
- Data Security and Integrity.
- Maintenance and Support plan.

Advantages

- Paperless Solution and efficient record keeping
- Avoid detentions and delays due to vague entries and mistakes
- Cut down the man-hours required for the maintenance of Oil Record Book Entries
- Ensure Transparency and Accountability
- No chance of the oil record book missing on board
- Extensible framework enables ORB-IT to be fully customizable and flexible
- Accuracy and Precision by reduces the likelihood of data entry errors.
- Historical ORB records retrievable with no timeframe limits.



Blue Water Trade Winds Pvt. Ltd

Email- info@bwesglobal.com or visit us at: <http://bwesglobal.com>

Contact no-+91(135) 2723301,6453882