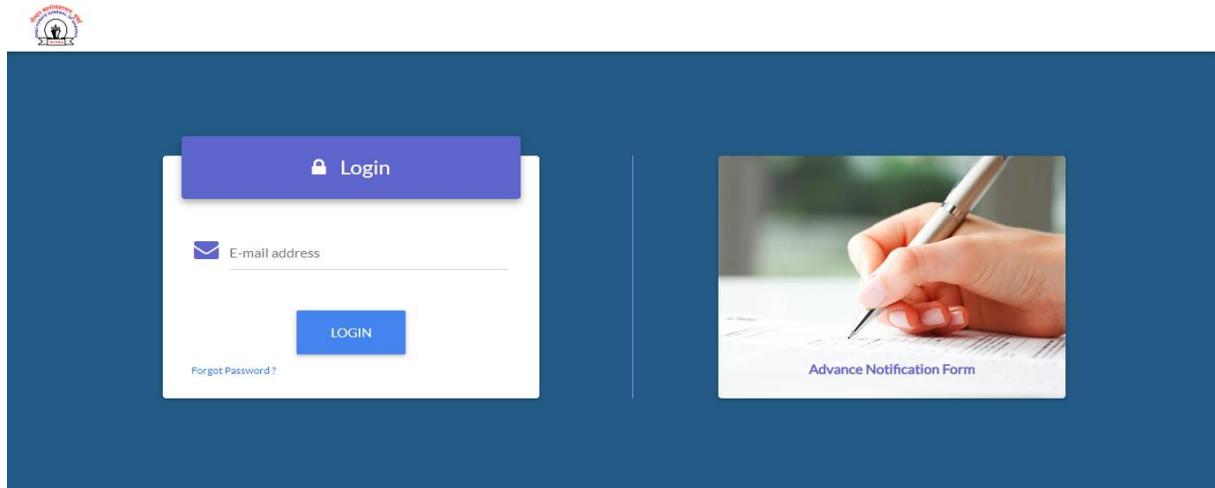


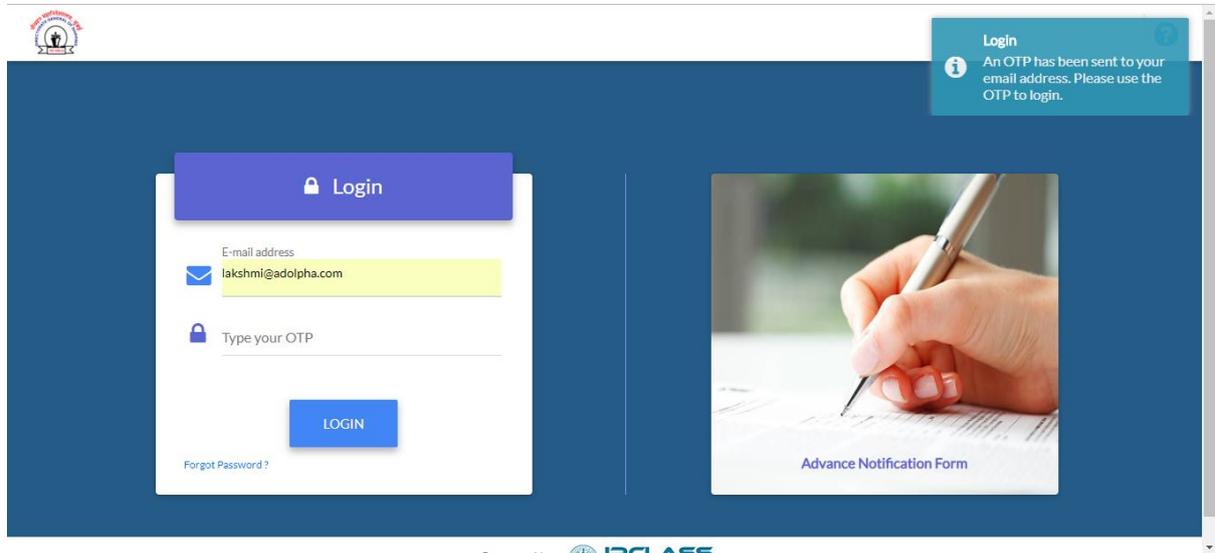
Captain User Manual

1. Login:

- i. Enter email ID and click login.



- ii. On validation, OTP will be sent to your email id. Enter the OTP in the and click login again.
- iii. On successful login you'll be directed to the dashboard.



ANF Form:

1. Ship Particulars: Enter appropriate details of the ship.
2. Port and Voyage Particulars: Enter details of the voyage and arriving details.
3. Type and amount of waste for discharge: Enter details of waste on board according to the MARPOL Annex categories

The screenshot shows the 'Advance Notification Form' with the following sections:

- Notification of the Delivery of Waste to:** --Select Port--
- Ship Particulars:**
 - Name of Ship
 - IMO Number
 - Gross Tonnage
 - Type of Ship: Oil Tanker
 - Owner or Operator
 - Distinct Number or Letters
 - Flag State: --Select Flag State--
 - Email Address
- Port and Voyage Particulars:**
 - Location/Terminal Name and POC
 - Arrival Date and Time (in IST): Nov 20, 2018 6:15 PM
 - Departure Date and Time (in IST): Nov 21, 2018 6:15 PM
 - Last Port and Country
 - Next Port and Country
 - Last port where waste was delivered
 - Date of Last Delivery: Nov 19, 2018
 - Next Port of Delivery

4. Check the checkbox if delivering all waste on board.

The screenshot shows the 'Advance Notification Form' with the following sections:

- Type and amount of waste for discharge to facility:**
 - MARPOL Annex I - Oil (selected)
 - MARPOL Annex II - NLS
 - MARPOL Annex IV - Sewage
 - MARPOL Annex V - Garbage
 - MARPOL Annex VI - Air Pollution
 - Type of waste: Oily Bilge Water
 - Quantity in m³: [Input field]
 - Confirmation checkbox: I confirm that I am delivering all the waste held on board this vessel shown above at this point.
- Summary Table:**

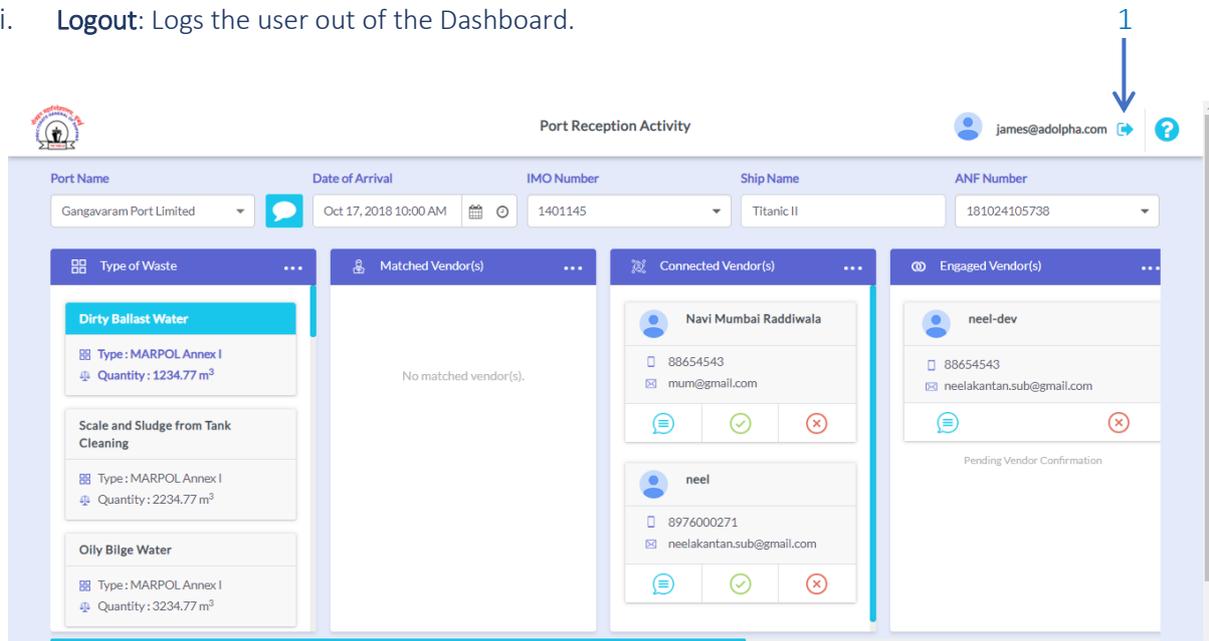
Type of waste	Maximum dedicated storage capacity in m ³	Amount of waste retained on board in m ³
Oily Bilge Water	[Input field]	[Input field]
- Additional Information:**
 - Port at which remaining waste will be delivered: [Input field]
 - Estimated amount of waste to be generated between notification and next port call in m³: [Input field]

Dashboard:

On successful login, user is redirected to the dashboard.

1. Header Components

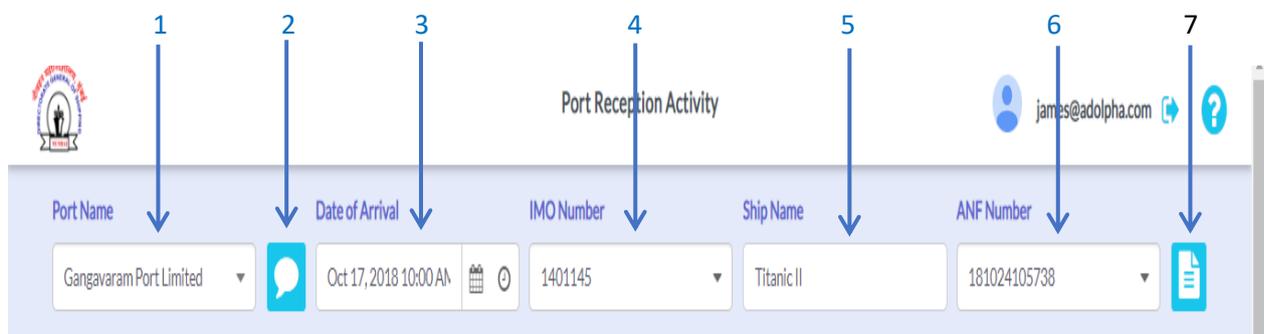
- i. **Logout:** Logs the user out of the Dashboard.



The screenshot shows the 'Port Reception Activity' dashboard. At the top right, there is a user profile icon for 'james@adolpha.com' with a blue arrow labeled '1' pointing to it. Below the header, there is a filter form with fields for Port Name (Gangavaram Port Limited), Date of Arrival (Oct 17, 2018 10:00 AM), IMO Number (1401145), Ship Name (Titanic II), and ANF Number (181024105738). The main content area is divided into four panels: Type of Waste (listing Dirty Ballast Water, Scale and Sludge from Tank Cleaning, and Oily Bilge Water), Matched Vendor(s) (No matched vendor(s)), Connected Vendor(s) (listing Navi Mumbai Raddiwala and neel), and Engaged Vendor(s) (Pending Vendor Confirmation).

2. Filter Form

- i. **Port Name:** The port name is selected by default for the particular ship based on the ANF form filled.
- ii. **Chat with port:** Clicking the chat icon opens up chat dialog to chat with the port where the ship arrives.
- iii. **Arrival Date:** It's a calendar dropdown field through which ship can select its arrival date.
- iv. **IMO Number:** Dropdown containing the IMO numbers of the ship while arriving on a given date.
- v. **Ship Name:** Ship name is displayed in this non-editable field.
- vi. **ANF number:** Select an ANF number to view respective details in the dashboard below.
- vii. **Edit ANF:** Link to edit ANF form based on the ANF number selected.



The screenshot shows the 'Port Reception Activity' dashboard with blue arrows labeled 1 through 7 pointing to specific elements in the filter form: 1 points to the Port Name dropdown, 2 points to the chat icon, 3 points to the Date of Arrival field, 4 points to the IMO Number dropdown, 5 points to the Ship Name field, 6 points to the ANF Number dropdown, and 7 points to the edit ANF icon.

3. Dashboard Swim lanes

- i. **Waste type:** Lists the wastes that the selected ship is carrying by their category.
- ii. **Matched Vendors:** On selecting a waste type, this panel lists the vendors who handle that waste type. Captain can select multiple vendors from here.
- iii. **Connected Vendors:** Vendors from the matched vendors list who're shortlisted by the ship captain are listed here.
- iv. **Engaged Vendors:** The vendor with whom the ship captain has engaged finally for a specific waste disposal is displayed here. Only 1 vendor can be engaged for a specific waste type.
- v. **Rejected Vendors:** Vendors rejected by the captain are displayed here.
- vi. **Declined by vendors:** Vendors who declined the captain's request to connect are listed here.
- vii. **Horizontal dots to minimize the swimlanes**

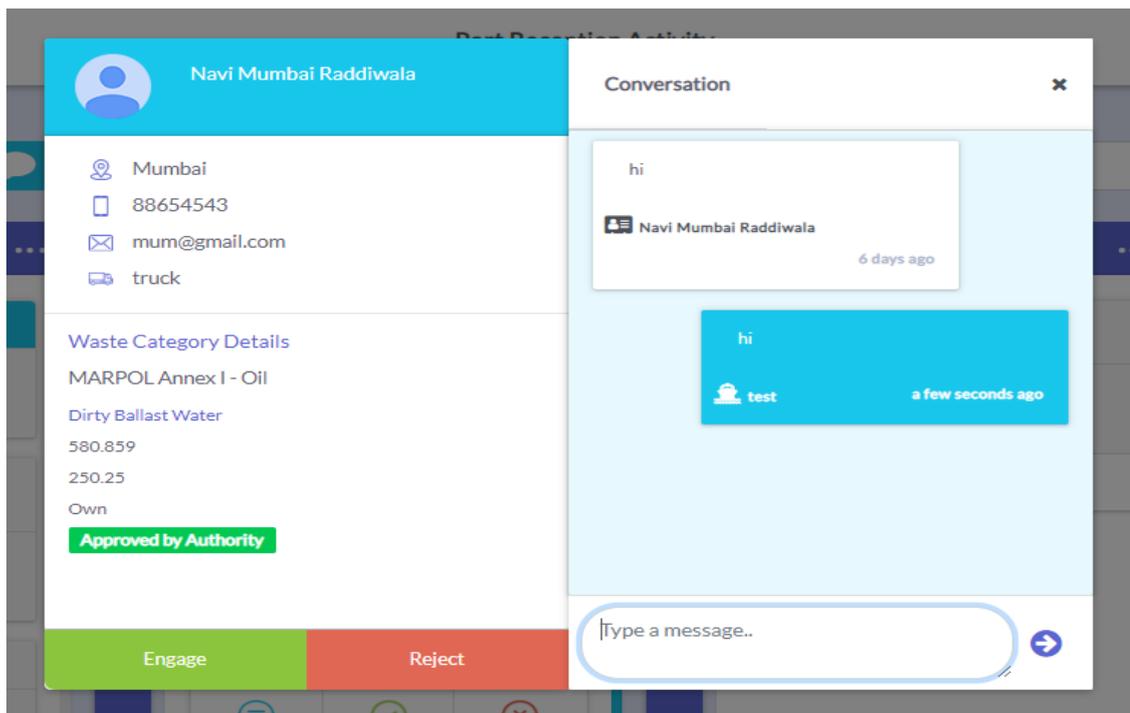
The screenshot shows the 'Port Reception Activity' dashboard. At the top, there are search filters for Port Name (Gangavaram Port Limited), Date of Arrival (Oct 17, 2018 10:00 AM), IMO Number (1401145), Ship Name (Titanic II), and ANF Number (181024105738). Below the filters are four swimlanes: 'Type of Waste', 'Matched Vendor(s)', 'Connected Vendor(s)', and 'Engaged Vendor(s)'. The 'Type of Waste' swimlane lists 'Dirty Ballast Water', 'Scale and Sludge from Tank Cleaning', and 'Oily Bilge Water'. The 'Matched Vendor(s)' swimlane is empty. The 'Connected Vendor(s)' swimlane shows two vendors: 'Navi Mumbai Raddiwala' and 'neel'. The 'Engaged Vendor(s)' swimlane shows one vendor: 'neel-dev'. A user profile for 'james@adalpha.com' is visible in the top right corner.

This screenshot shows the 'Rejected Vendor(s)' and 'Declined by Vendor(s)' swimlanes. The 'Rejected Vendor(s)' swimlane shows one vendor: 'Navi Mumbai Raddiwala'. The 'Declined by Vendor(s)' swimlane is empty. The 'Type of Waste' swimlane is visible on the left side of the dashboard.

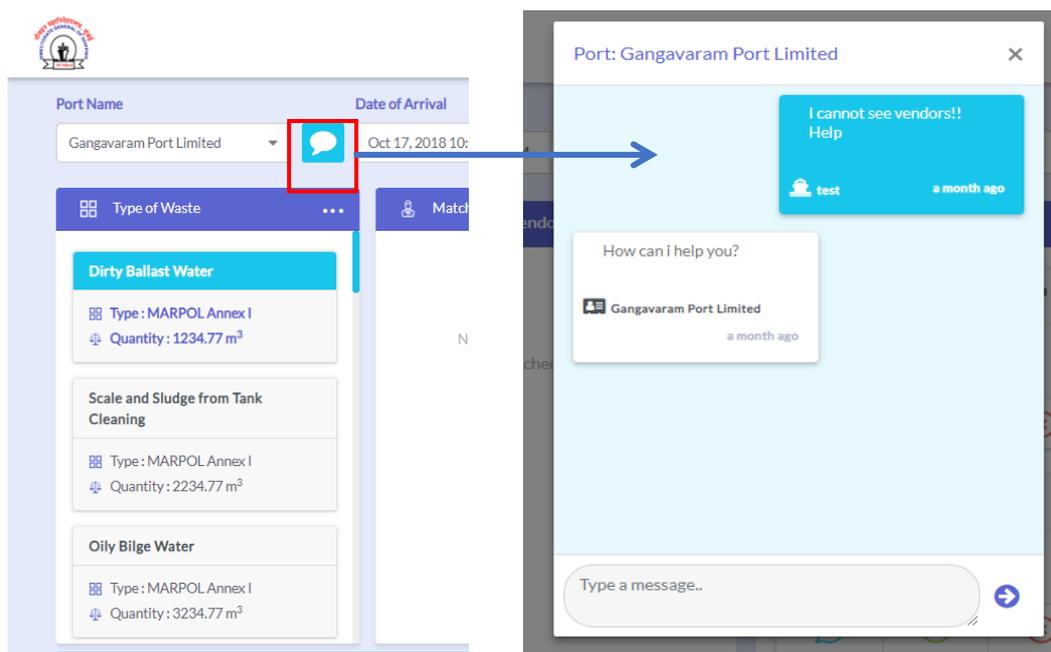
4. Chat Windows

- A. **Captain-Vendor Chat:** Click the chat icon in the connected/engaged vendor cards to open the chat window between the ship captain and the vendor(s) along with the vendor information.
- B. **Port-Captain chat:** The chat button in the filter form opens up the chat between the port authority and the ship's captain.

A.



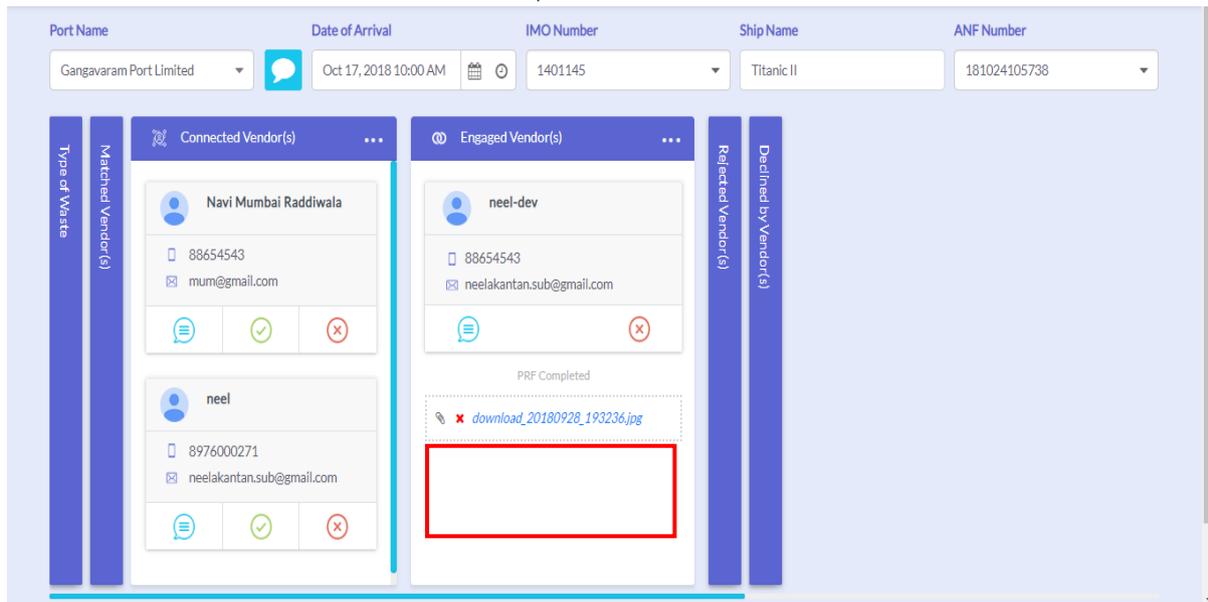
B.



5. Captain/Vendor Transaction Status

The transaction status of both the captain and the engaged vendor is displayed in the engaged vendor section.

- i. **Captain** can request to commence the transaction and complete the transaction from his side.
- ii. **Vendor** can request to commence or accept the request to commence the transaction. Vendor cannot complete the transaction.
- iii. Once transaction is completed from vendor side, the vendor uploads a receipt. That is visible and available for download to the captain.



Control Flow:

