Draft DGS Circular No. XXXX of 2022

Collection of data from all Indian Ships irrespective of size for Implementation of EEXI, CII, Single Use of Plastics, and issuance of E-BDN by Bunker Suppliers

1. Whereas India is a signatory to the International Convention for Prevention of Pollution from Ships (MARPOL 73/78 as amended). Annex VI of MARPOL deals with the prevention of Air Pollution from Ships.
2. Whereas the updated National Determined Contributions (NDC) submitted to the United Nations Framework Convention on Climate Change (UNFCCC) by the Government of India, stands committed to reduce emissions Intensity of the country's GDP by 45 percent by 2030, from 2005 level.
3. Whereas Maritime India Vision 2030 has set goals to reduce greenhouse emissions from all ships and contribute to the global effort to reduce the emissions in the maritime sector.
4. Whereas resolution MEPC.328(76) adopted amendments to MARPOL 73/78 Annex VI concerning mandatory goal-based technical and operational measures to reduce carbon intensity and with the certification requirements for Energy Efficiency of Existing Ships (EEXI) and Carbon Intensity Indicator (CII) coming into effect from 1 January 2023.
5. Whereas the Directorate General of Shipping under the Ministry of Ports, Shipping and waterways, Government of India has issued Merchant Shipping Notice No 07 of 2021 for the application of resolution MEPPC 328(76) to all Indian ships. Para 5.2 of the notice has specified requirements for all Indian ships including less than 400 GT ships to report fuel consumption data.
6. Whereas the Directorate General of Shipping under the Ministry of Ports, Shipping and waterways, Government of India has issued DGS Order 05 of 2019 dated 16-Oct-2019 and Addendum No.1 to DGS order 05 of 2019 for ban on single use of plastic on all Indian ships and foreign ships that visit Indian Ports.
7. Whereas Directorate General of Shipping under the Ministry of Ports. Shipping and waterways, Government of India has issued Merchant Shipping Notice 03 of 2014 dated 19th March 2014 for registration of bunker supplier and Para-4 of the said notice inter alia specifies the responsibility of bunker supplier to provide Bunker Delivery Note and to meet regulations 14 & 18 of Annex VI, MARPOL 73/78 as amended.
8. The Directorate has therefore decided to issue this circular to apply the above aforesaid provisions as applicable to all Indian ships and all concerned, viz., ship-owners/managers/Recognised organisations (ROs)/Bunker suppliers visiting Indian

ports to report the data in the digitalised online platform i.e in Swaach Sagar portal (http://swachhsagar.irclass.net/).

9. Fuel Consumption data:

9.1. All Indian ship-owners/managers/company are required to access Swacch Sagar Portal digitally and register themselves as guided in the attached user manual and complete the data related to fuel consumption on a monthly basis of their fleet ships of 400 GT and above registered under Ms Act 1958, irrespective of whether the ship has coastal or world-wide GTL or whether certified under River Sea Vessel (Ref. DGS Order No. 18 of 2013) or Inland Coastal Vessel (Ref. D6S Order No. 1 of 2014) notification with the exception on following ship types:

9.1.1. Ships not propelled by mechanical means, and platforms including FPSOs and FSUs and drilling rigs, regardless of their propulsion.

9.2. All Indian ship-owners/managers/company are required to access Swacch Sagar Portal digitally and register themselves as guided in the attached user manual and complete the data related to fuel consumption on a monthly basis of their fleet ships less than 400 GT registered under Ms Act 1958, or whether certified under River Sea Vessel (Ref. DGS Order No. 18 of 2013) or Inland Coastal Vessel (Ref. D6S Order No. 1 of 2014) notification.

10. Single-Use Plastic:

10.1. All Indian ships of 400 GT and above are required to access Swacch Sagar Portal digitally and complete the data related to single-use plastic on each arrival in any Indian Ports.

10.2. All Indian ships of less than 400 GT are required to access Swacch Sagar Portal digitally and complete the data related to single-use plastic on each arrival in any Indian Port or every month in case the vessel stays in port limits for more than 30 days.

11. Bunker Supply Information System

11.1. All registered and licensed bunker suppliers are required to access Swacch Sagar Portal digitally and complete the data related to bunker supply, generate an electronic Bunker Delivery Note on the online platform and issue to the bunker receiver

12. **Responsibility of Indian ship-owners/managers/company**:

12.1. Ship-owners/managers/company has to ensure that data related to fuel consumption, and single-use plastics are submitted in the online platform (http://swachhsagar.irclass.net/) for their fleet vessels. The implementation will be verified in the ISM audits as applicable to company/ships and non-compliance will

be viewed as a very serious issue by the Directorate and may lead to the withdrawal of respective certificates.

13. Responsibility of Recognized Organizations:

13.1. Surveyors of Recognized organizations who visit Indian ships for statutory surveys/class requirements, or for any other explicit reason may verify that fuel consumption data and single-use plastic requirements for the previous month have been reported in the Swaach sagar portal, and the visit report must indicate the status of compliance. Any non-compliance noticed has to be reported to the Directorate.

13.2. Indian register of shipping (IRS) carrying the Initial/ Annual/ Renewal verification for bunker license certification has to verify that the suppliers have issued electronic bunker delivery notes for all bunkers supplied, and any single non-compliance has to be indicated in the report before forwarding to the Directorate.

13.3. If a discrepancy is found during the initial or renewal verification for bunker license certification, the IRS has to forward the report to the Directorate with the noted discrepancy and no recommendation for the issuance of a certificate to be indicated in the report.

13.4. If a discrepancy is found during the annual verification, IRS may recommend in the report to the directorate for withdrawal of the license.

13.5. The directorate may take the necessary action as deemed necessary for the above-stated issues as the case may be.

13.6. By 1st August every year, Indian Register of Shipping (IRS) shall submit the sustainability report and data analysis as below to the Directorate in confidence for ships falling under paragraphs 9.1& 9.2:

13.6.1. Complete Indian Fleet: Category-wise trend of fuel consumption based on age and size distribution, anchorage, at ports, and at sea.

13.6.2. Complete Indian fleet: Analysis of Single-use plastics

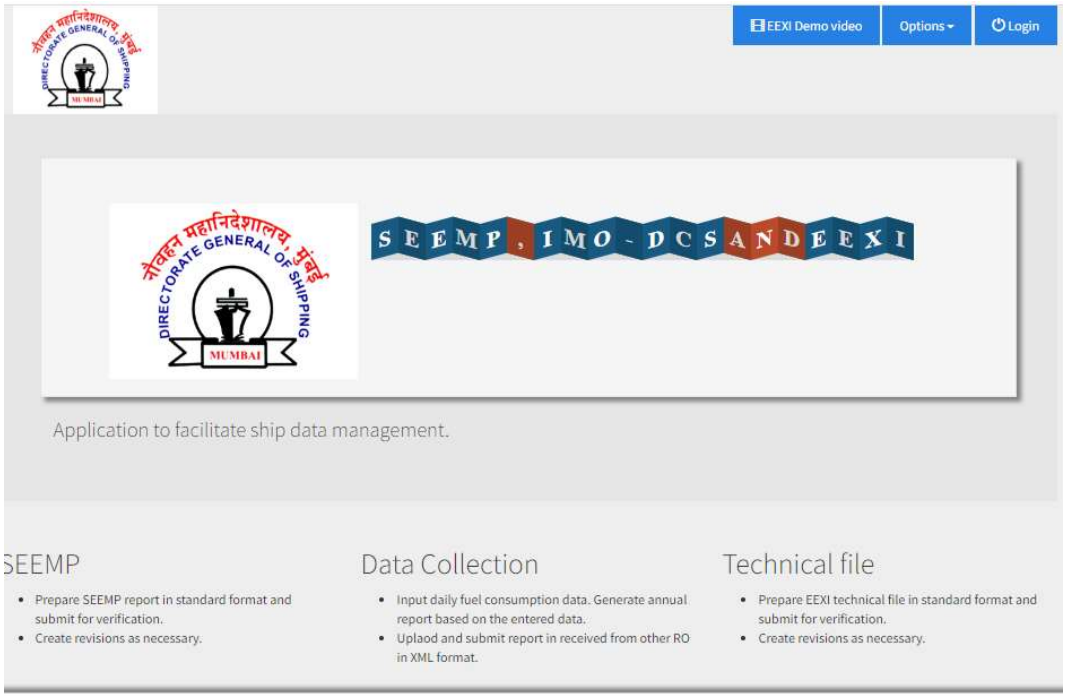
14. The user manual for uploading the relevant data for fuel consumption, single-use plastics, and bunker information system is attached to this circular.

15. This circular comes into immediate effect on the day of issuance and is issued with the approval of the Competent Authority.

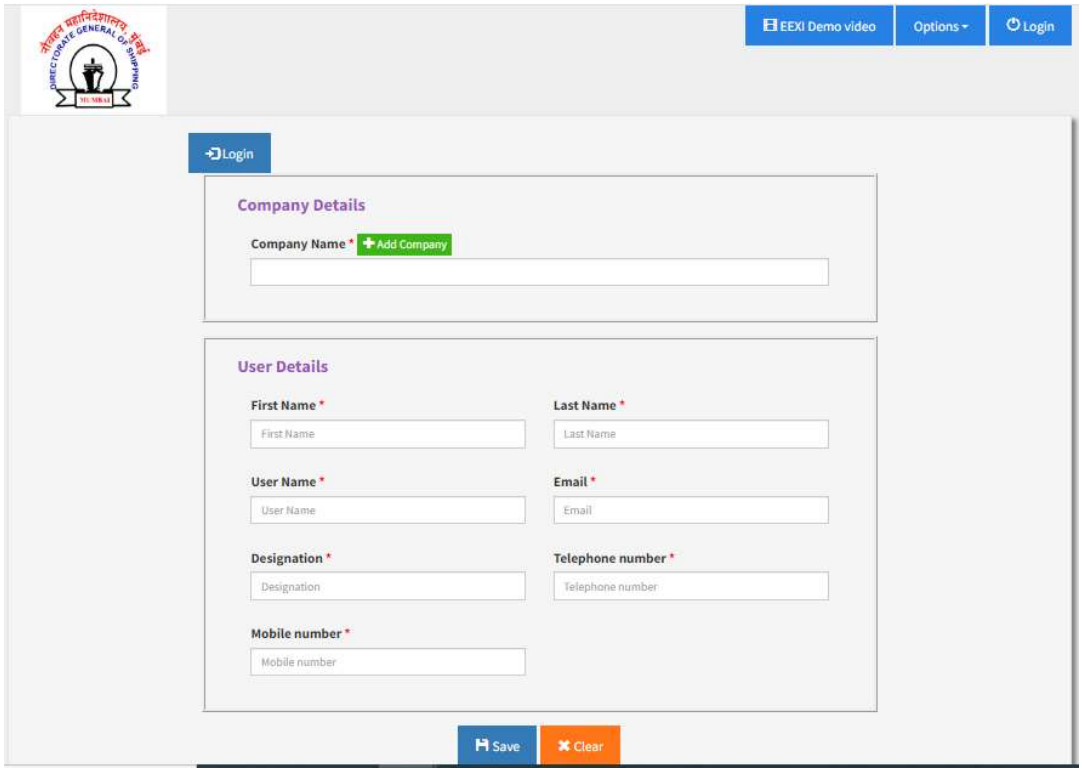
Fuel Consumption Data Reporting Module from Indian Ships

User Manual

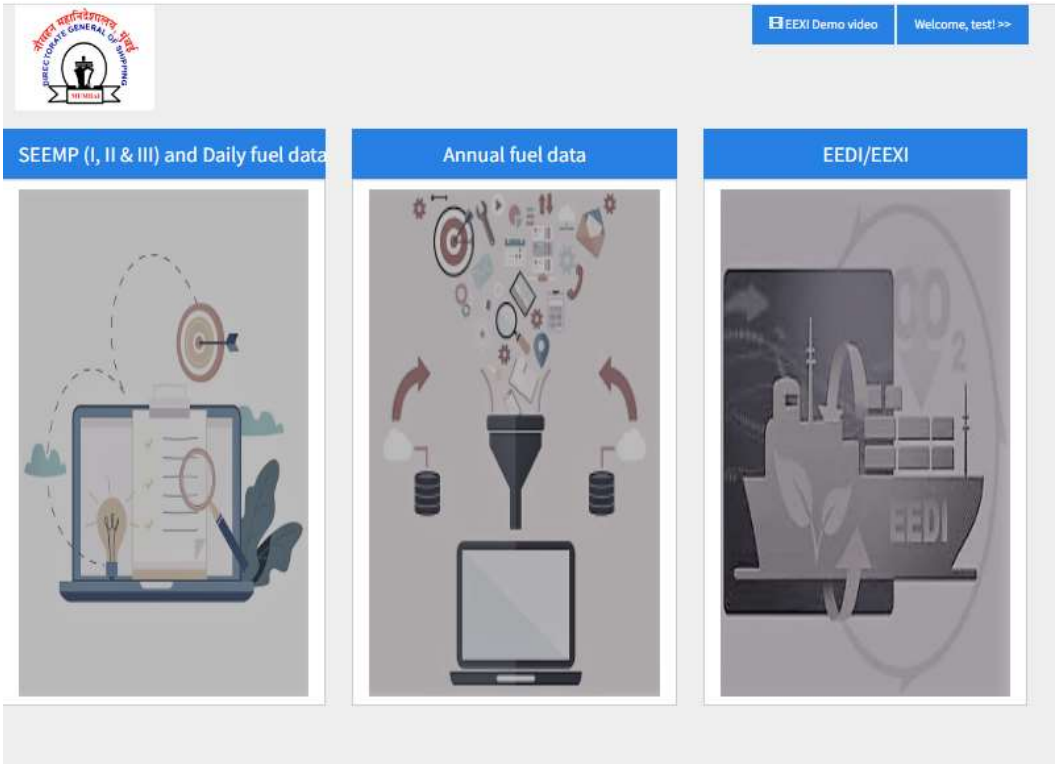
1. The below screen appears on visiting the webpage for fuel oil data collection and reporting.



2. New User can create an account by clicking on new user and adding Company

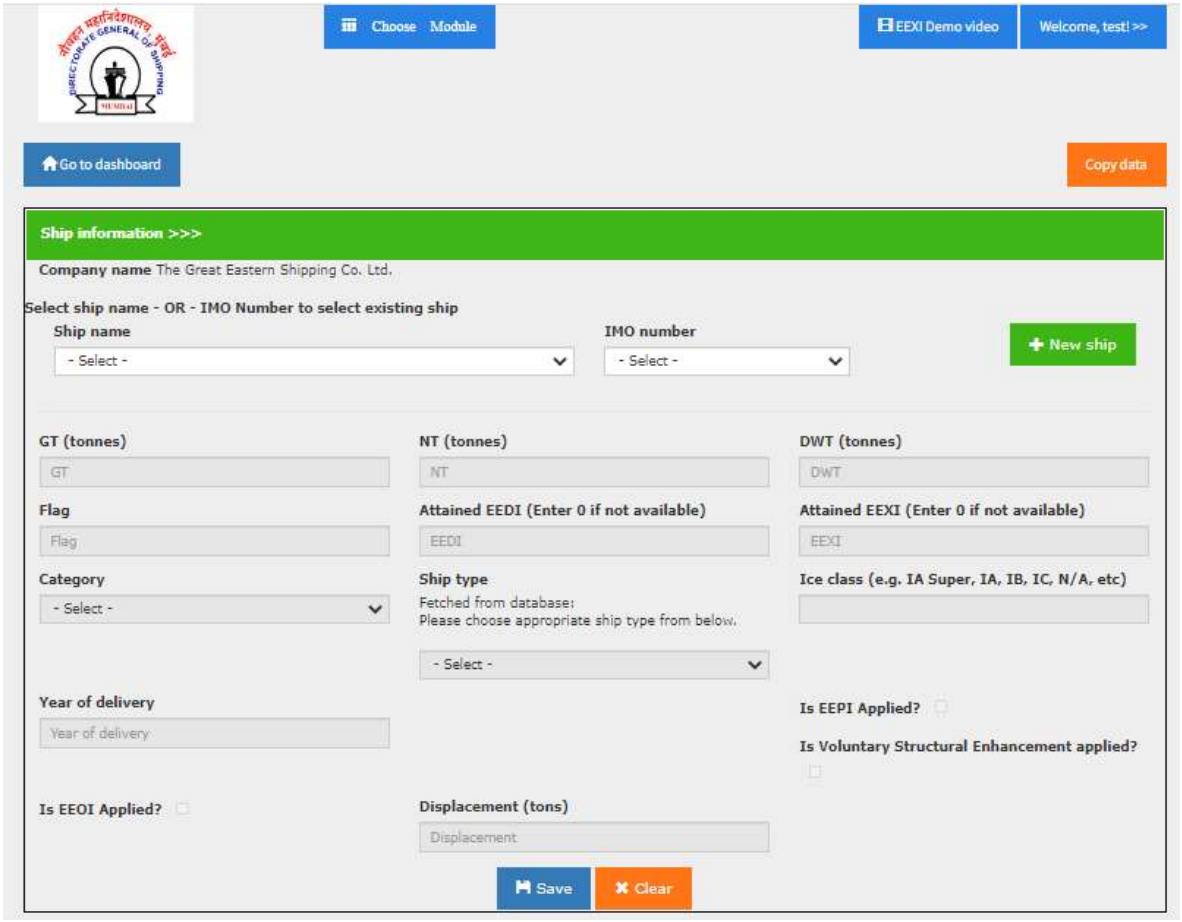


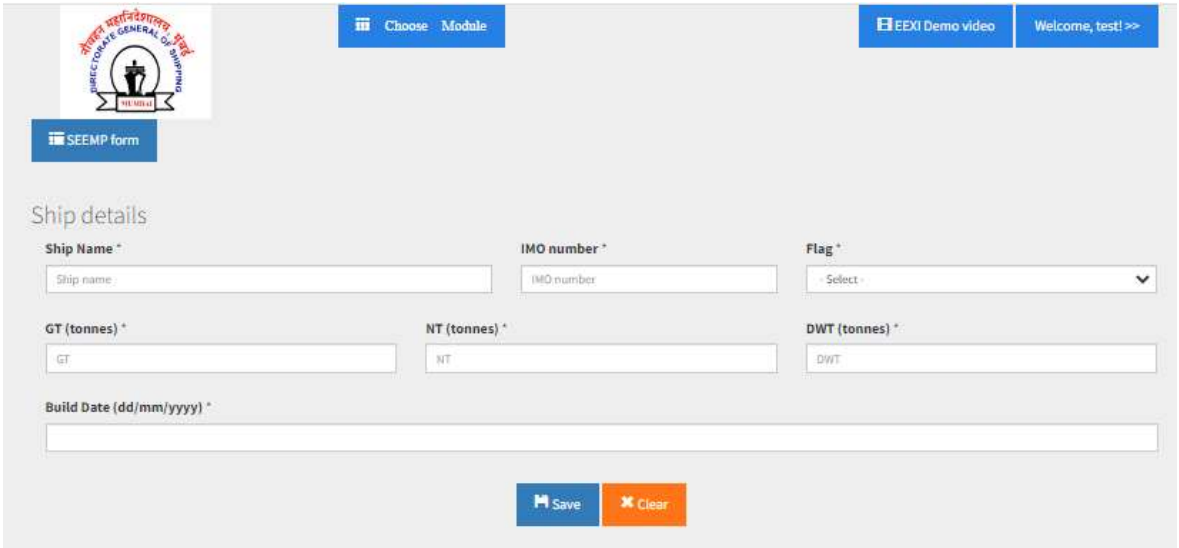
3. The electronic tool has options for creating SEEMP, Collecting Daily Fuel Data, Reporting Annual Fuel Data and calculations of EEDI and EEXI.

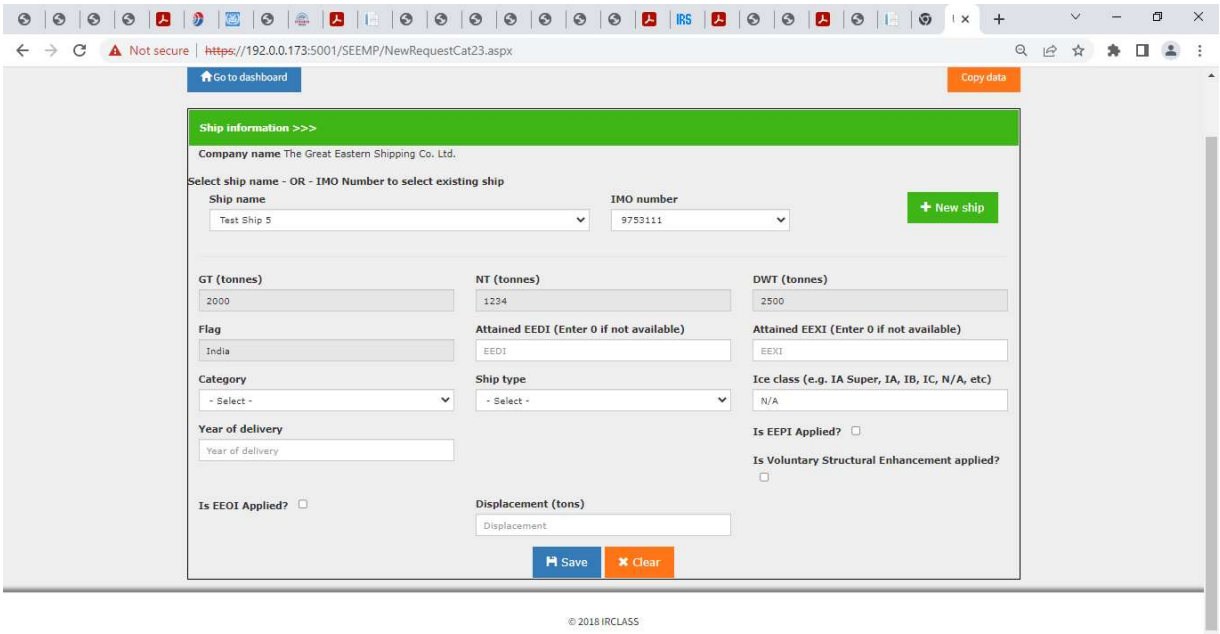


The daily fuel data is collected using the first module

4. Ship for which data collection is desired can be selected from a dropdown menu wherein all the ships in a user's fleet will appear. New ship can be added using the +New Ship icon



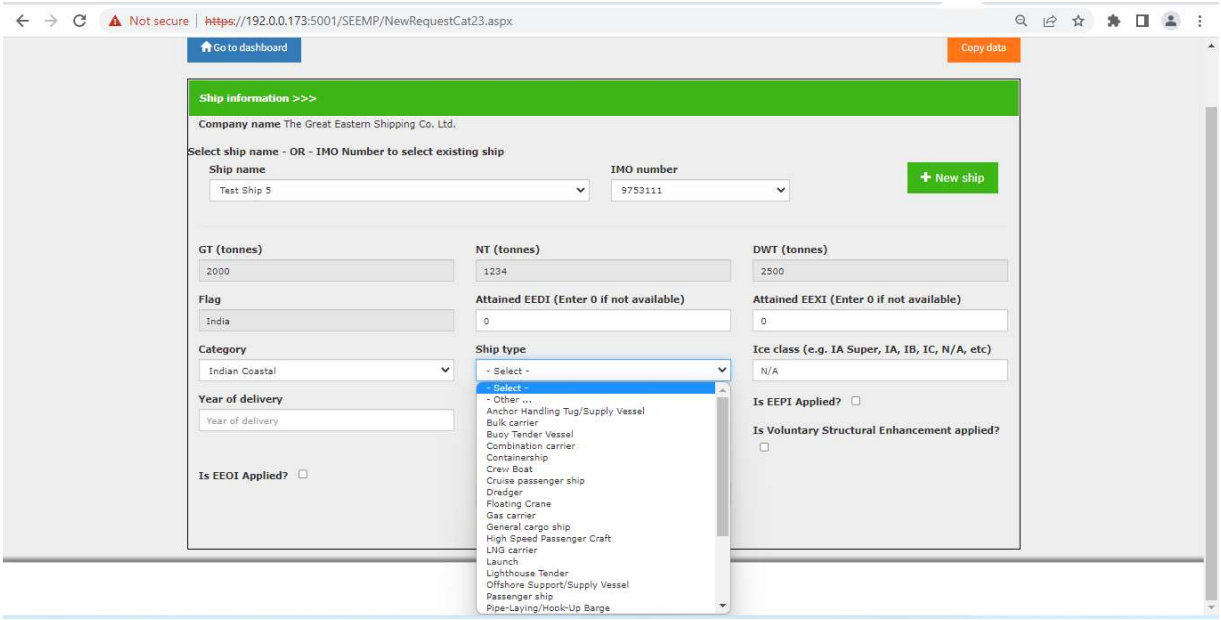




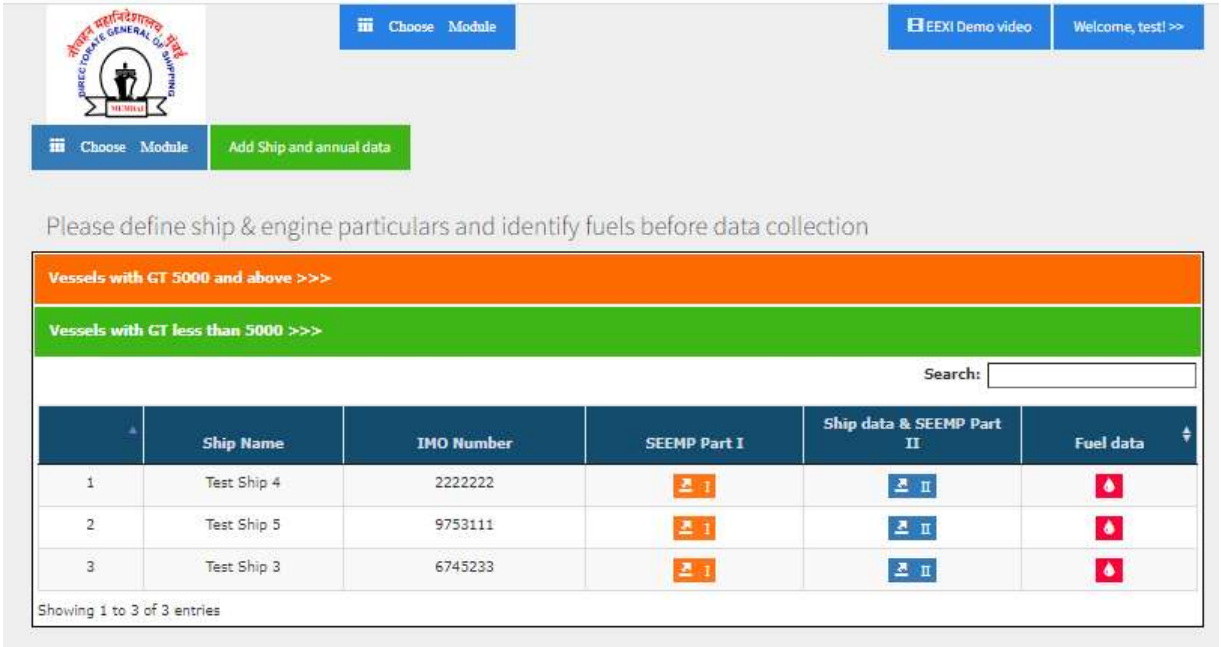
5. The following ship types appear in the drop down:

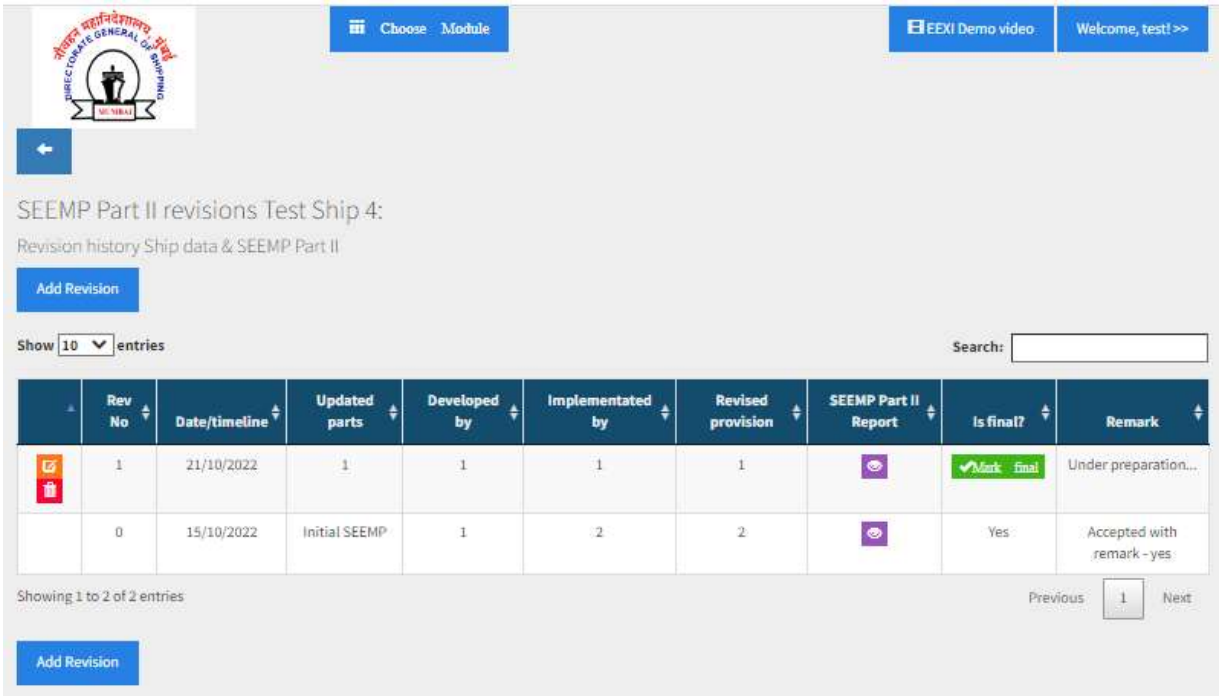
Bulk Carrier	As defined in MARPOL Annex VI
Tanker	
Combination Carrier	
Containership	
Cruise Passenger Ship	
Gas Carrier	
General Cargo Ship	
LNG Carrier	
Refrigerated Cargo carrier	
Ro-Ro Cargo Ship	
Ro-Ro Cargo Ship (Vehicle Carrier)	
Ro-Ro Passenger Ship	
Passenger Ship	
High Speed Passenger Craft	
Dredgers	
Tug	
Anchor Handling Tug Supply Vessel	
Offshore Support / Supply Vessel	
Utility Vessel	
Launch	
Crew Boat	
Research vessels	
Floating crane	
Lighthouse tender	
Buoy tender vessel	

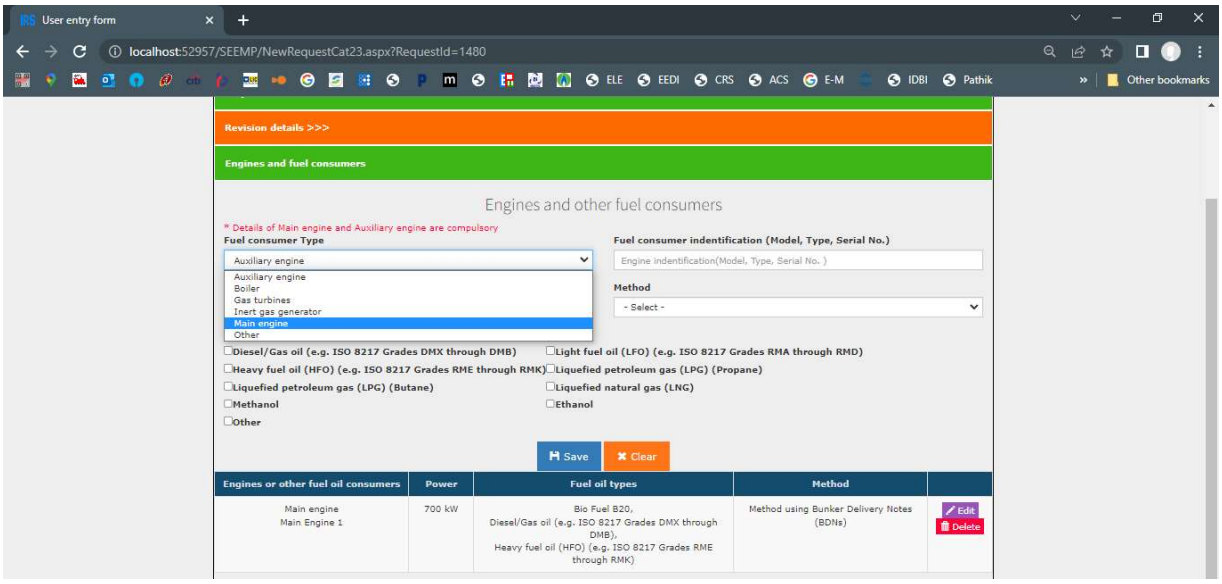
Security & Patrol Boat	
Pipe-Laying/hook-up barge	



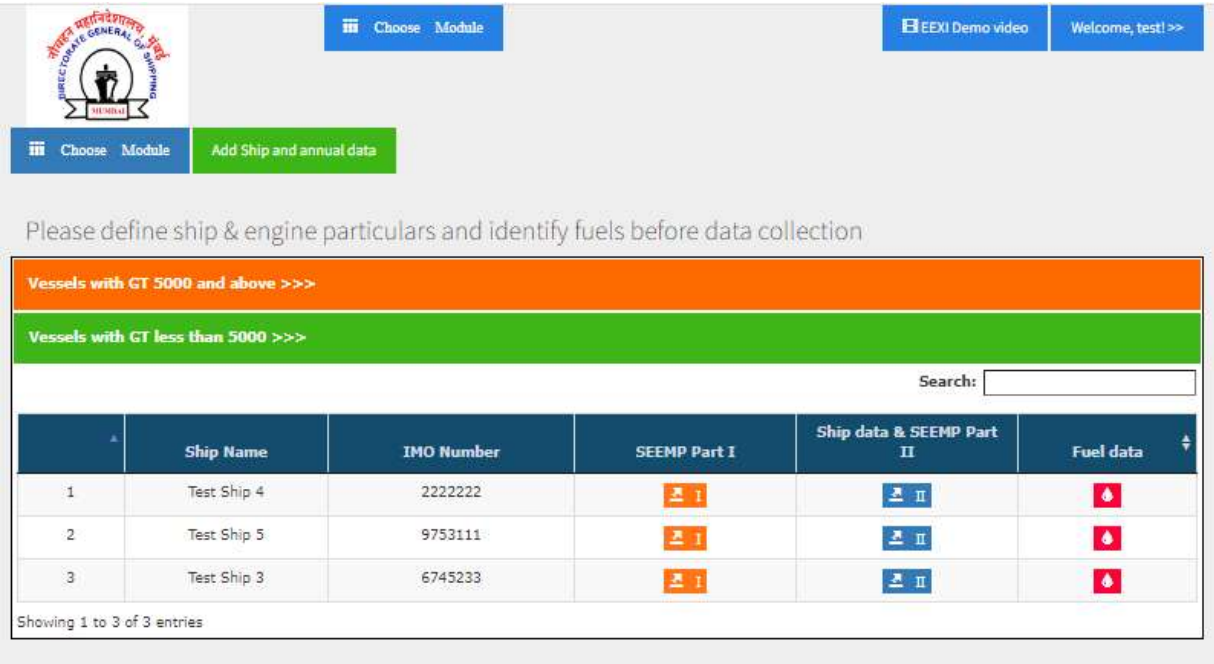
6. After adding a vessel, user needs to create a new revision of SEEMP/ship data to enter the engine particulars from the “Ship Data & SEEMP Part II” column



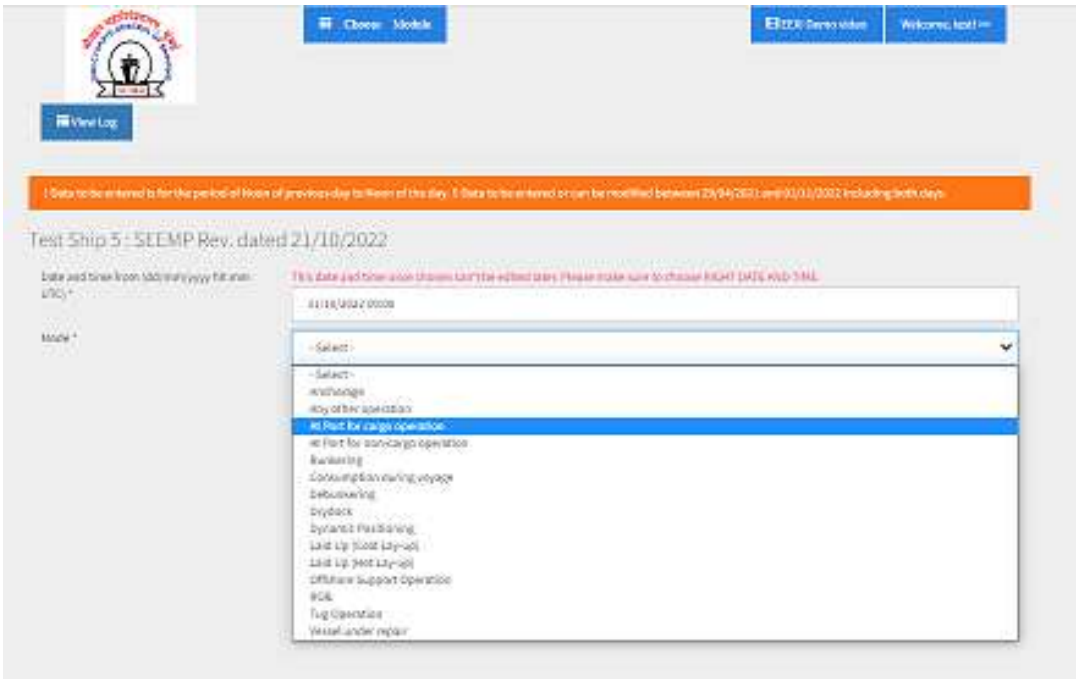

Choose Module
EEXI Demo video
Welcome, test! >>
SEEMP Part II revisions Test Ship 4:
Revision history Ship data & SEEMP Part II
Add Revision
Show 10 entries
Search:
Rev No
Date/timeline
Updated parts
Developed by
Implementated by
Revised provision
SEEMP Part II Report
Is final?
Remark
1
21/10/2022
1
1
1
1
Mark final
Under preparation...
0
15/10/2022
Initial SEEMP
1
2
2
Yes
Accepted with remark - yes
Showing 1 to 2 of 2 entries
Previous
1
Next
Add Revision


User entry form
localhost:52957/SEEMP/NewRequestCat23.aspx?RequestId=1480
Other bookmarks
Revision details >>>
Engines and fuel consumers
Engines and other fuel consumers
* Details of Main engine and Auxiliary engine are compulsory
Fuel consumer Type
Auxiliary engine
Auxiliary engine
Boiler
Gas turbines
Inert gas generator
Main engine
Other
Fuel consumer indentification (Model, Type, Serial No.)
Engine indentification(Model, Type, Serial No.)
Method
- Select -
Diesel/Gas oil (e.g. ISO 8217 Grades DMX through DMB)
Light fuel oil (LFO) (e.g. ISO 8217 Grades RMA through RMD)
Heavy fuel oil (HFO) (e.g. ISO 8217 Grades RME through RMK)
Liquefied petroleum gas (LPG) (Propane)
Liquefied petroleum gas (LPG) (Butane)
Liquefied natural gas (LNG)
Methanol
Ethanol
Other
Save
Clear
Engines or other fuel oil consumers
Power
Fuel oil types
Method
Main engine
Main Engine 1
700 kW
Bio Fuel B20,
Diesel/Gas oil (e.g. ISO 8217 Grades DMX through DMB),
Heavy fuel oil (HFO) (e.g. ISO 8217 Grades RME through RMK)
Method using Bunker Delivery Notes (BDNs)
Edit
Delete

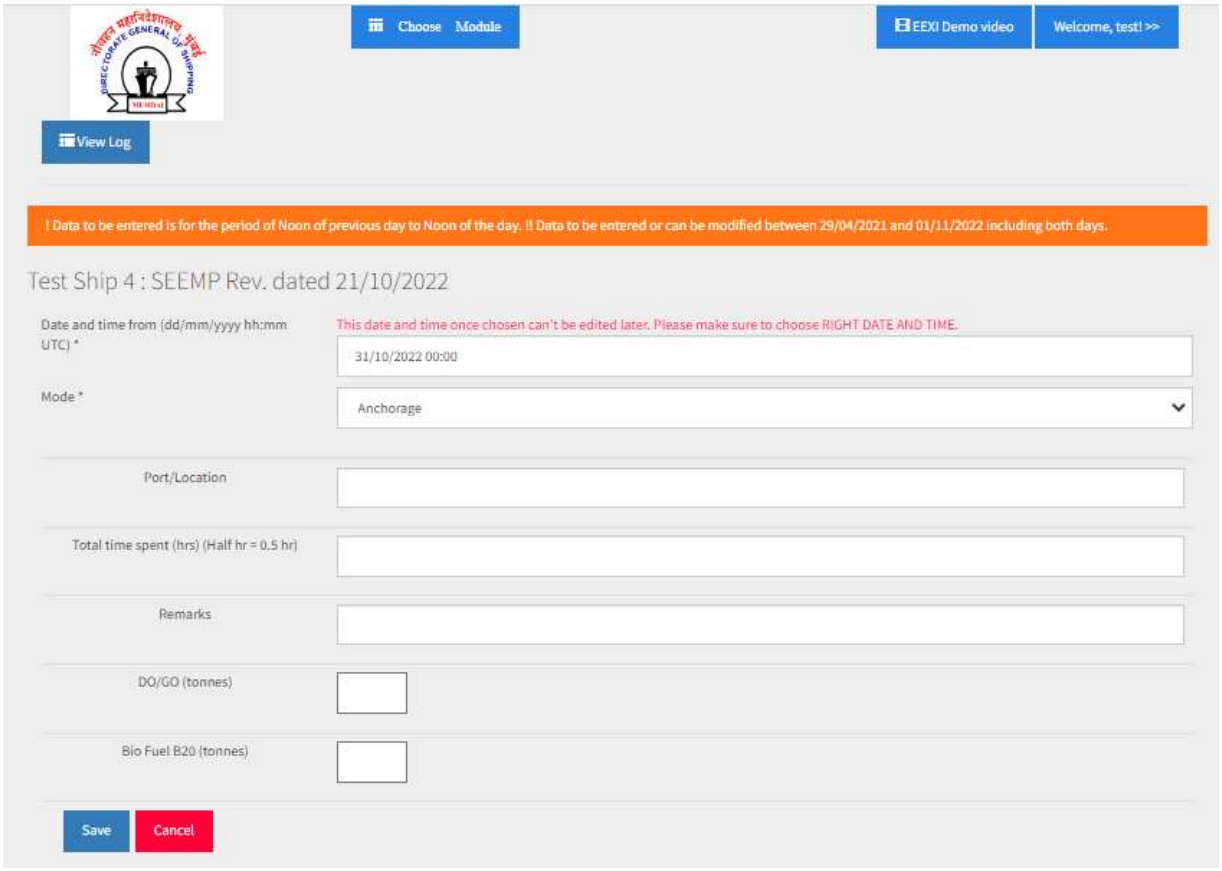
7. Once the revision is created and marked as final by the user and accepted by Admin, data collection can commence using the fuel data icon.

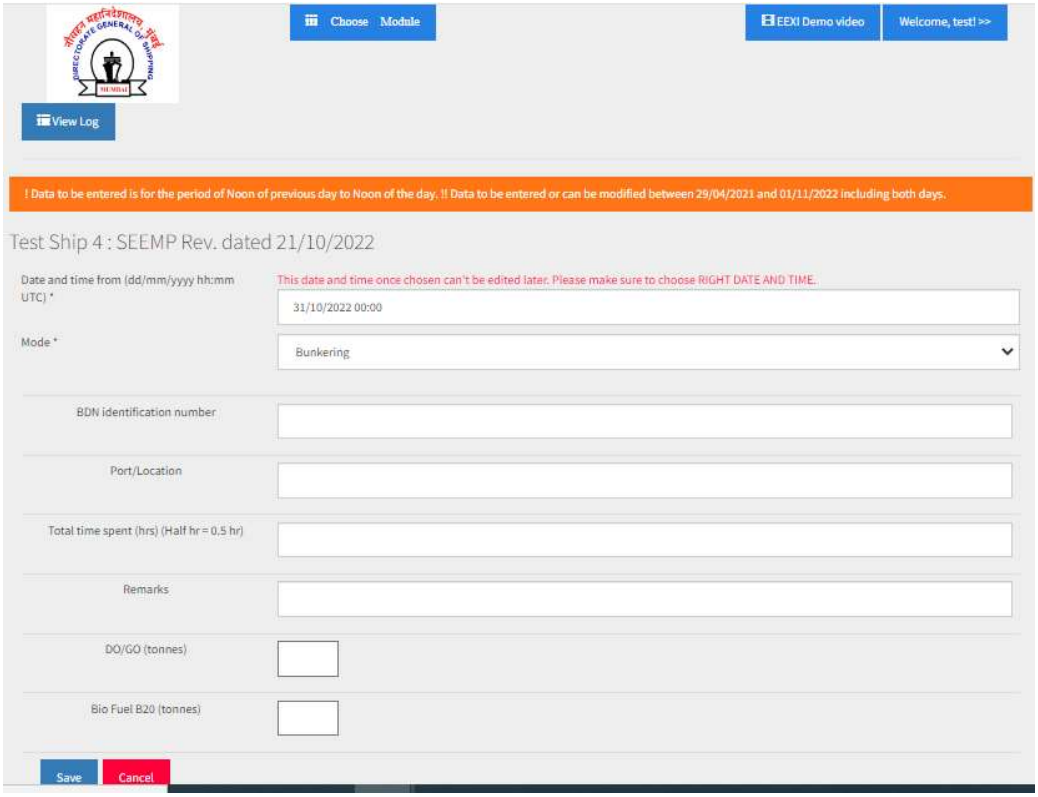


8. The data collection can be done under following various operational modes (such as voyage, at port, anchorage, bunkering etc). User has to select the appropriate mode from drop down selection

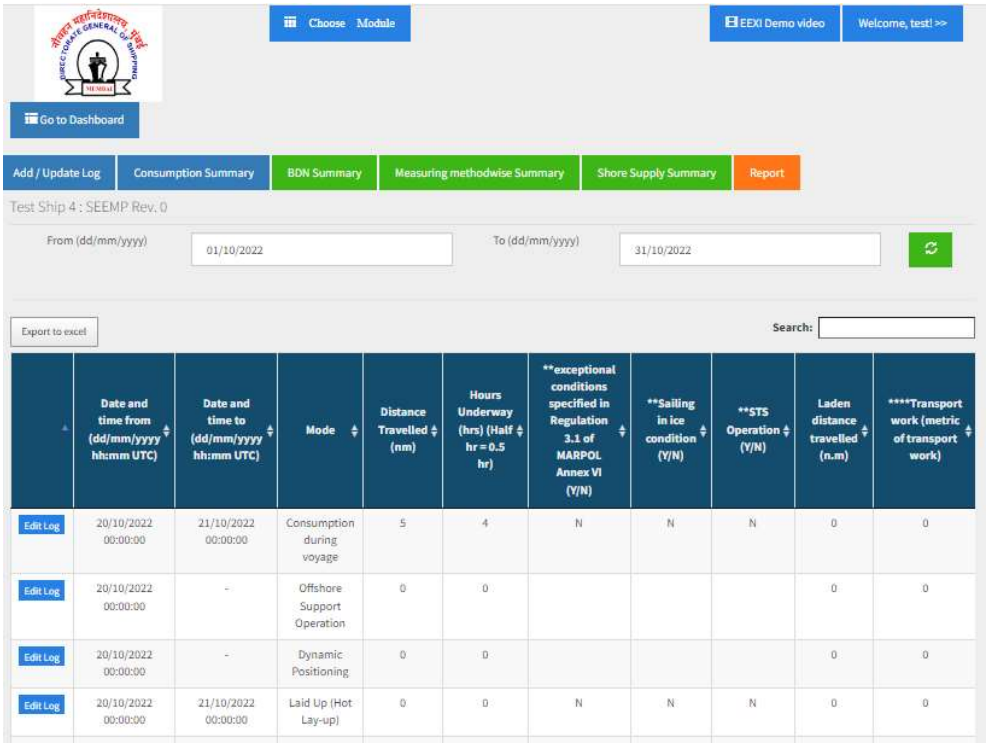


9. Daily data to be entered by the user under various modes (Examples for anchorage and bunkering mode is shown below)





10. The user can see the consumption summary for a range of dates.



Bunker Delivery Information System

User Manual

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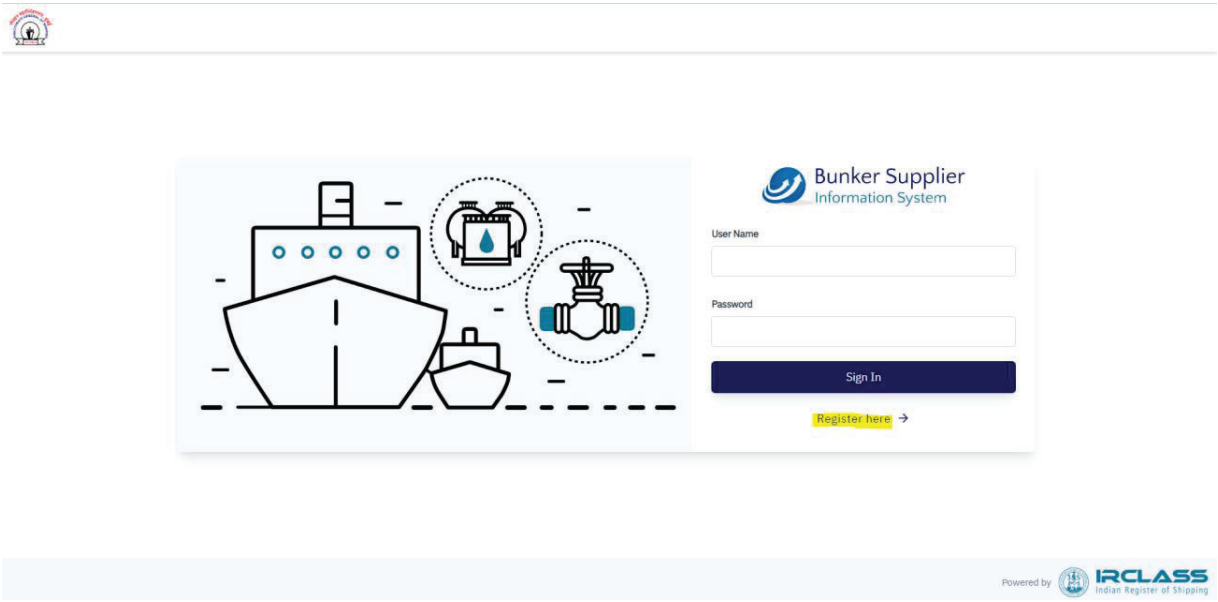
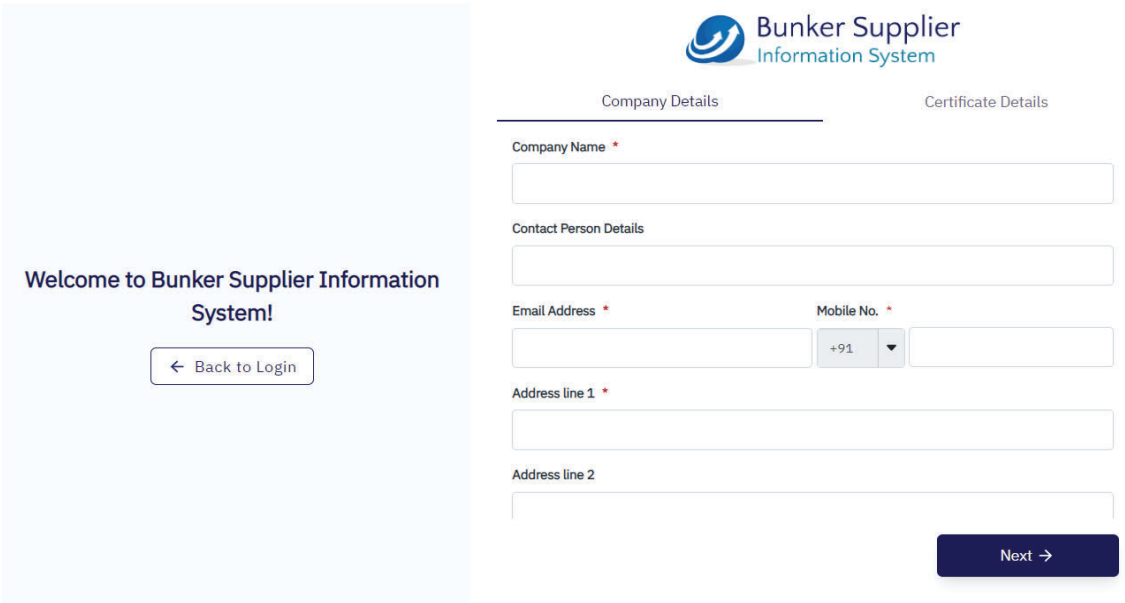
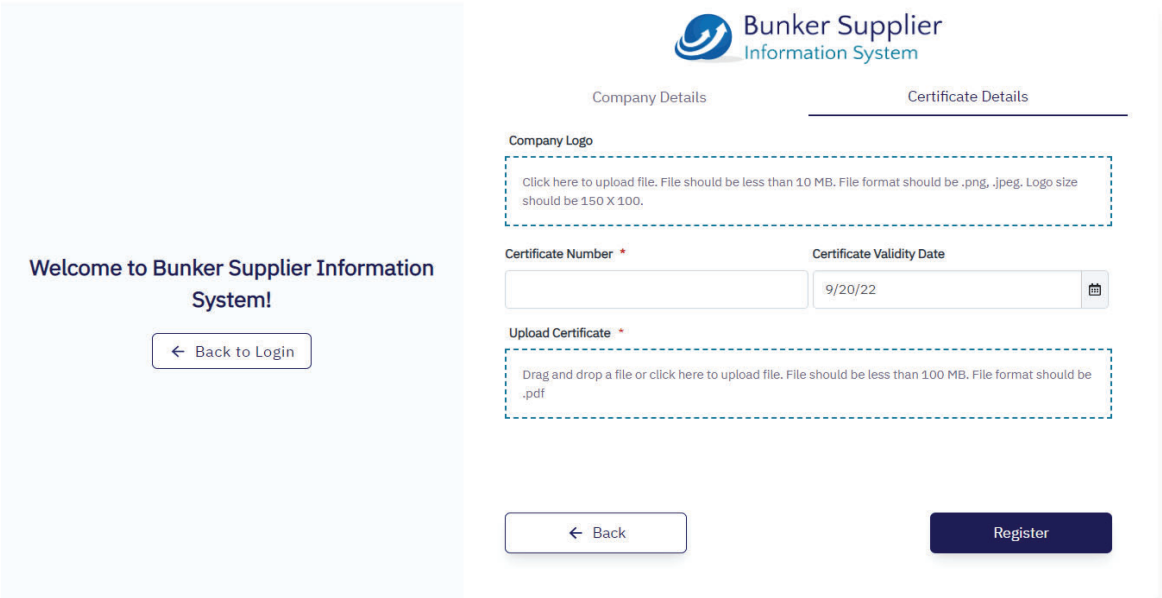
Supplier Registration

1. Select the register here option in the login screen.



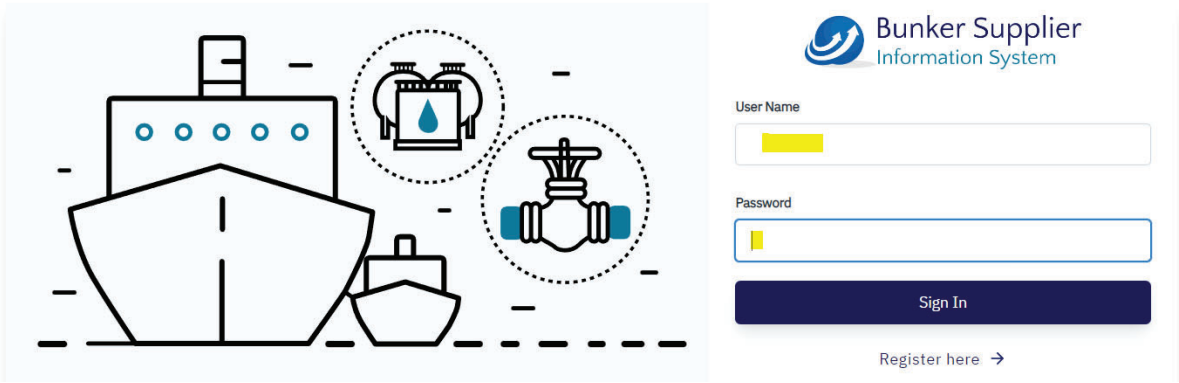
2. User will be redirected to the registration form. The 2 sections of company details and certificate details(mandatory) needs to be filled. These details will then be forwarded to bunker@irclass.org post which user's login credentials will be generated and sent shortly.





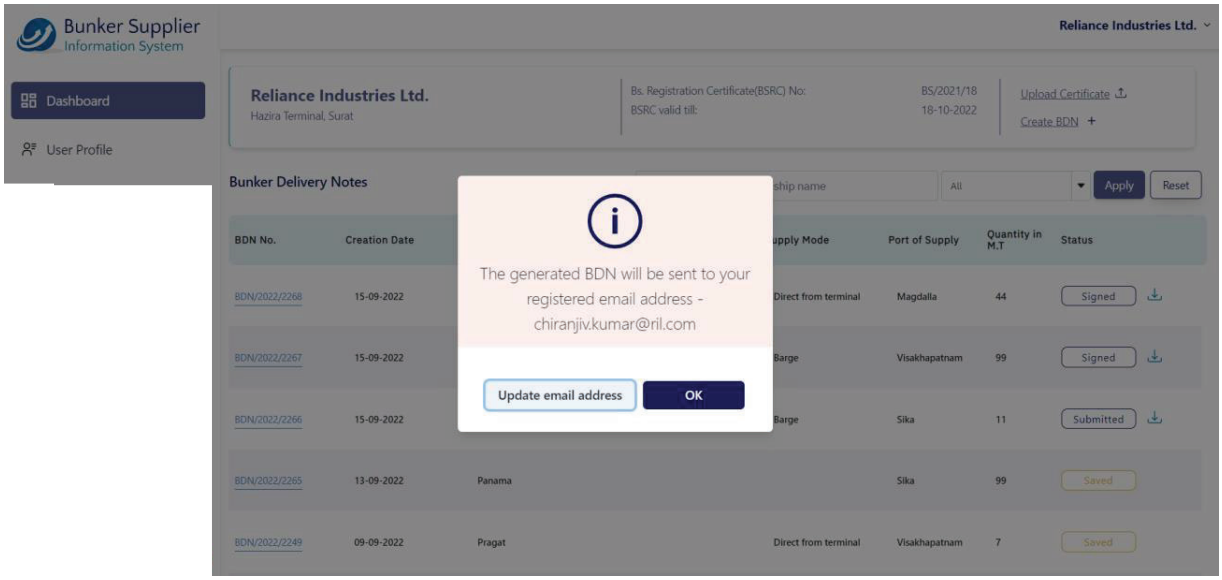
Supplier Login

Use the username and the password received in mail from bunker@irclass.org to login into the system.



Post Login Alerts

1. The system will always alert you to check/update your registered email address. This message can be ignored if the email address is already updated.
2. If BSRC has expired or invalid, the system will alert you for the same. Ensure to update the BSRC in order to generate new BDN or regenerate existing ones.
3. If the company logo has not been uploaded the user will be unable to generate BDN.



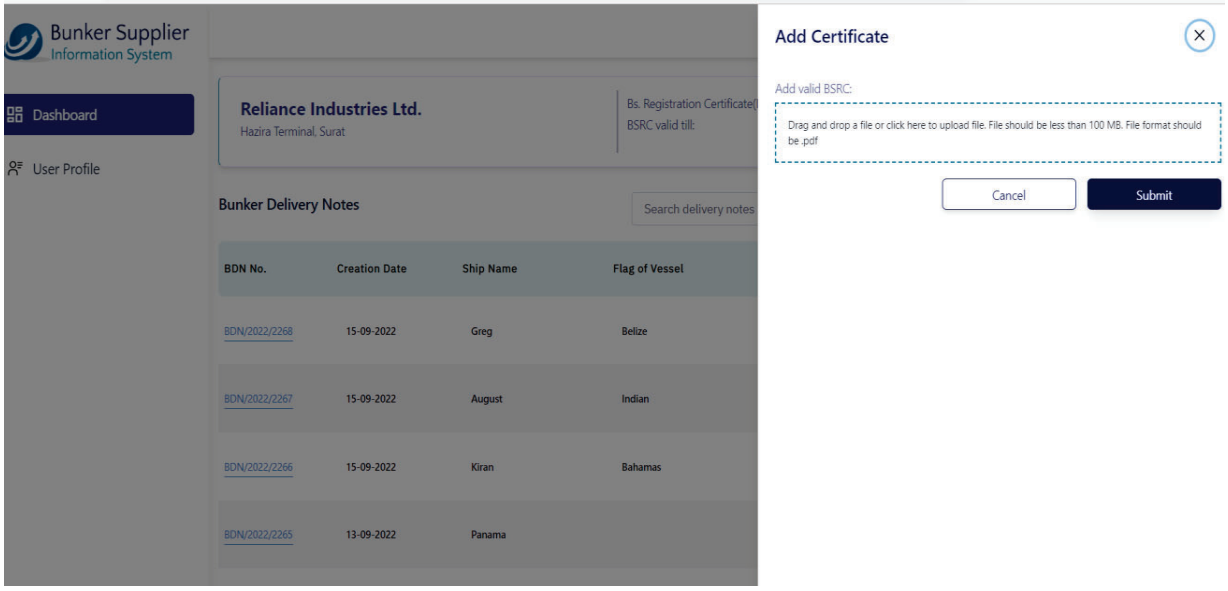
Dashboard

The dashboard is made of 3 sections:

1. Company & certificate details
2. Bunker Delivery Note listing
3. Action buttons to create BDN/upload certificate

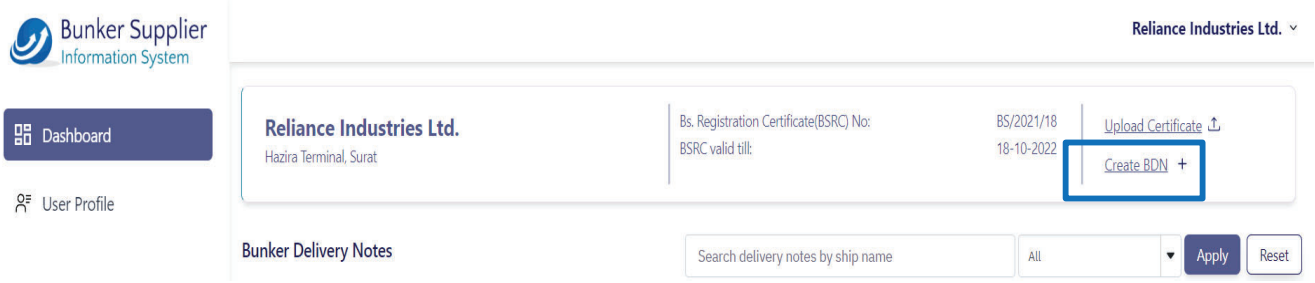
Upload Certificate Action

a. Clicking on the "**Upload Certificate"** link will open the right drawer where you can upload the certificate file. The file will be mailed to bunkers@irclass.org post which supplier's certificate details will be renewed in the system shortly.



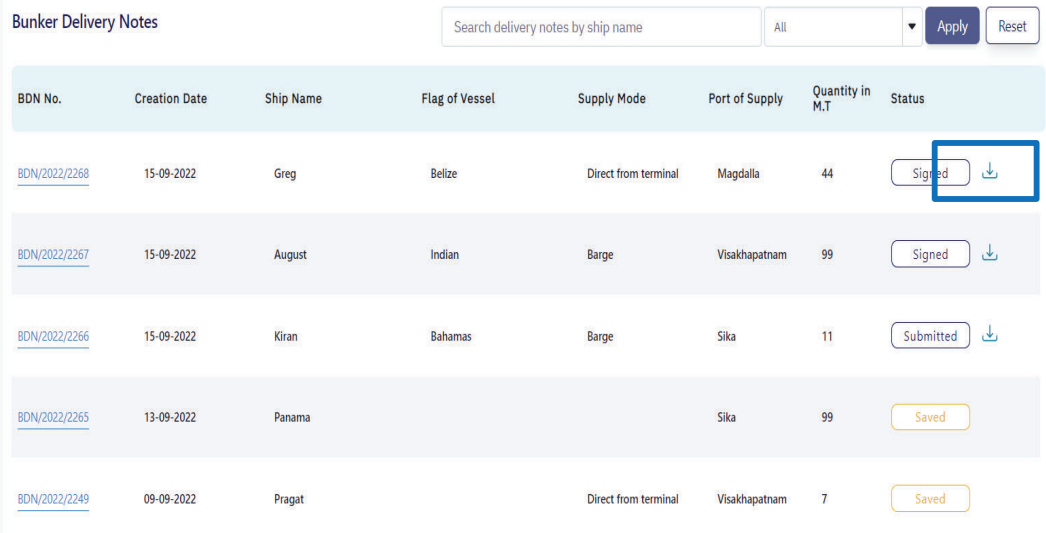
Navigate to BDN creation form

b. Clicking on "**Create BDN**" link will take the user to the BDN creation form.
    a. Note: If the certificate is expired, user will not be able to create a BDN.



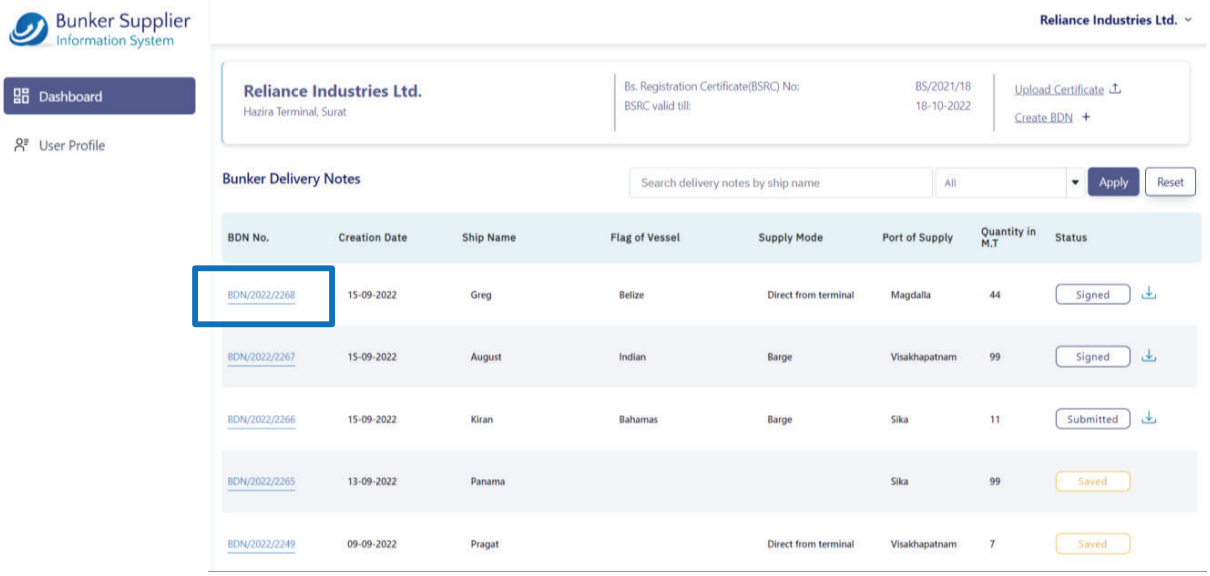
Regenerate BDN

1. Clicking on the download icon besides each BDN record in the dashboard listing will send the respective BDN again to the supplier's registered mail address.
    a. Note: If the certificate is expired, user will not be able to create a BDN.



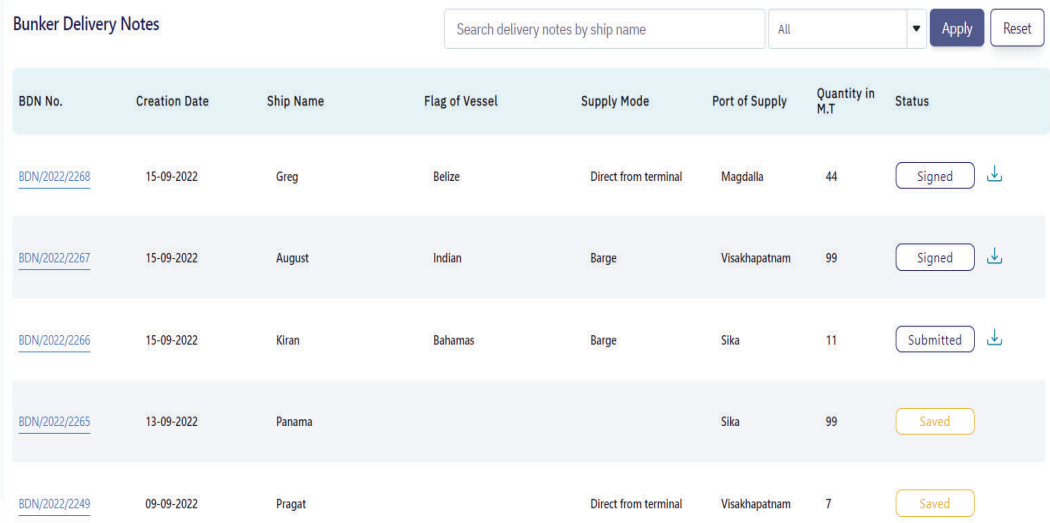
Navigate to Edit BDN Form

1. Clicking the BDN number in the dashboard page listing redirects the user to the edit BDN form.
2. Once the appropriate fields are edited the user can choose to **save** or **submit** the data.



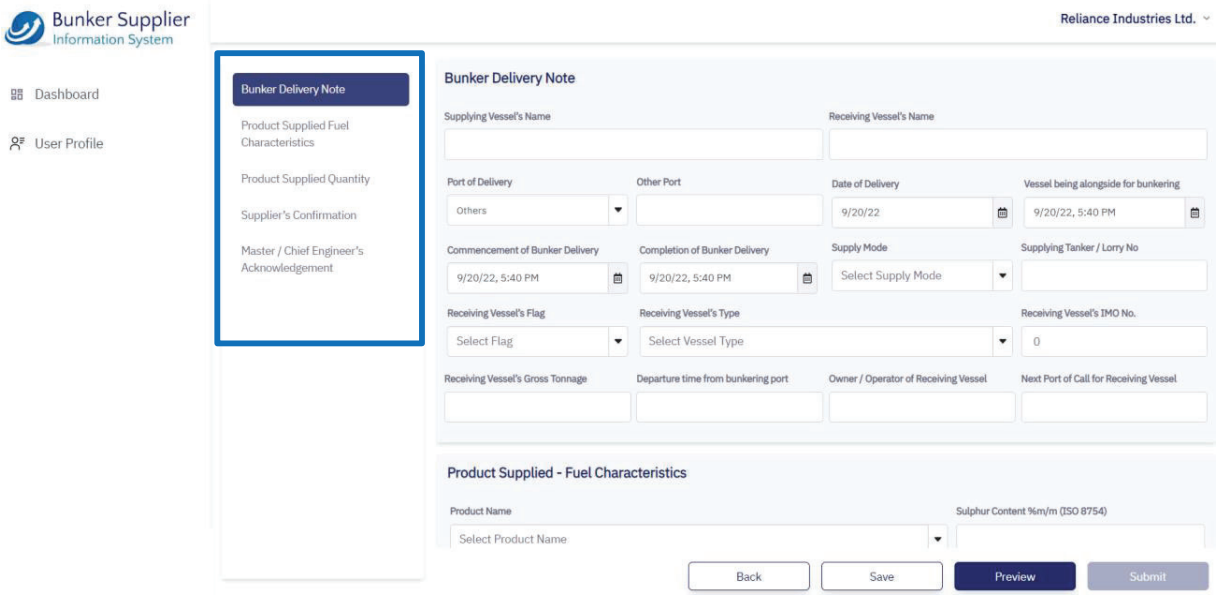
BDN listing

1. The dashboard shows the listing of the BDN generated by the supplier so far. The notes can be searched by the name of the ship they were created for.
2. The results can also be filtered by the status of the BDN. A BDN can be in **Partial Saved**, **Submitted** or **Signed** state.



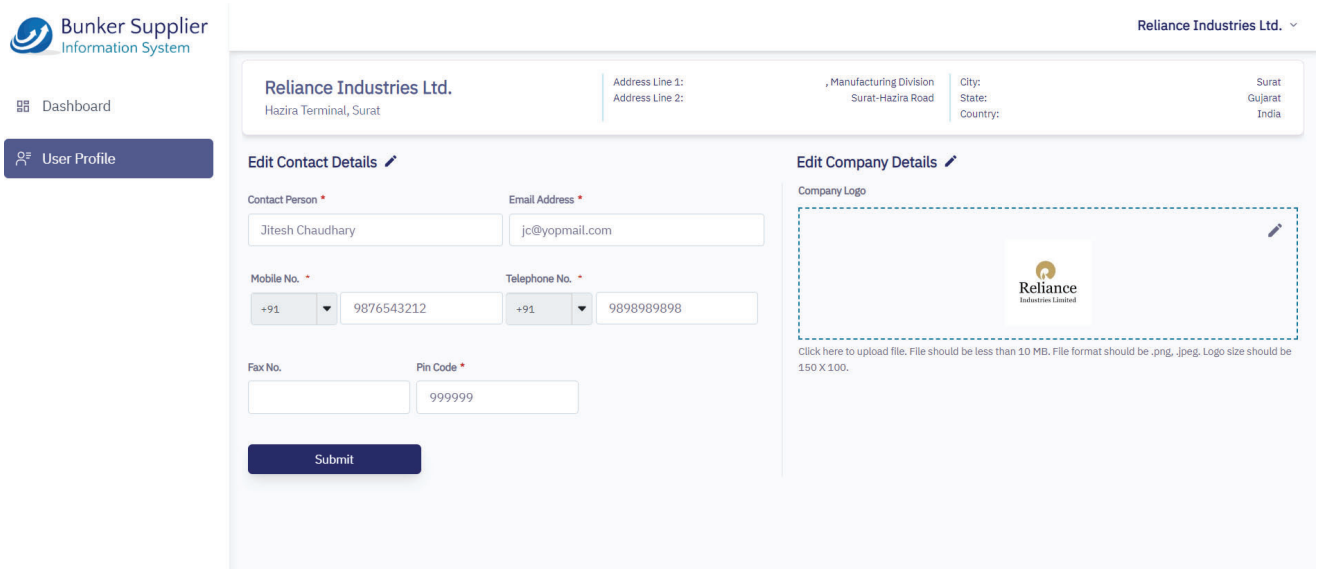
Create / Update Bunker Delivery Note

1. The BDN form is made of 5 sections as highlighted below.
2. Clicking on any one of those menu items will scroll to the specific form section.
3. There are following action buttons:
    a. **Save:** Supplier can partially fill the form and click on save button. Until the form is submitted at least once, the BDN will be in saved state.
    b. **Submit:** When the supplier chooses to submit all the details the form will be validated and BDN moves to the submitted state. After this the supplier gets the option to upload the signed BDN (as received from the chief engineer)
    c. Preview: This action allows the supplier to view the BDN details as it will be visible in the final PDF generated.



User Profile

1. Supplier can update their contact details or upload company logo.
2. Company logo is important in order to generate a BDN.



USER MANUAL

Single Use Plastics Application

Directorate General of Shipping
01.09.2020

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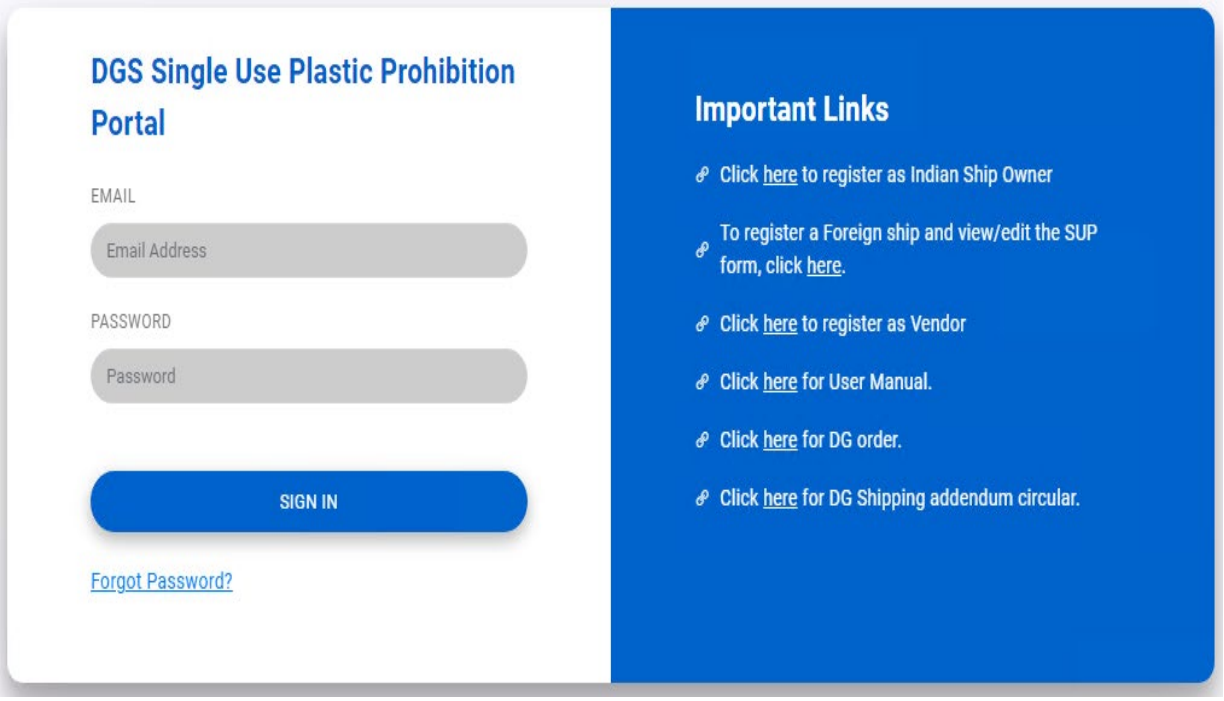
Introduction

This document is a User Manual for admin users of DG Shipping's Single Use Plastics Application

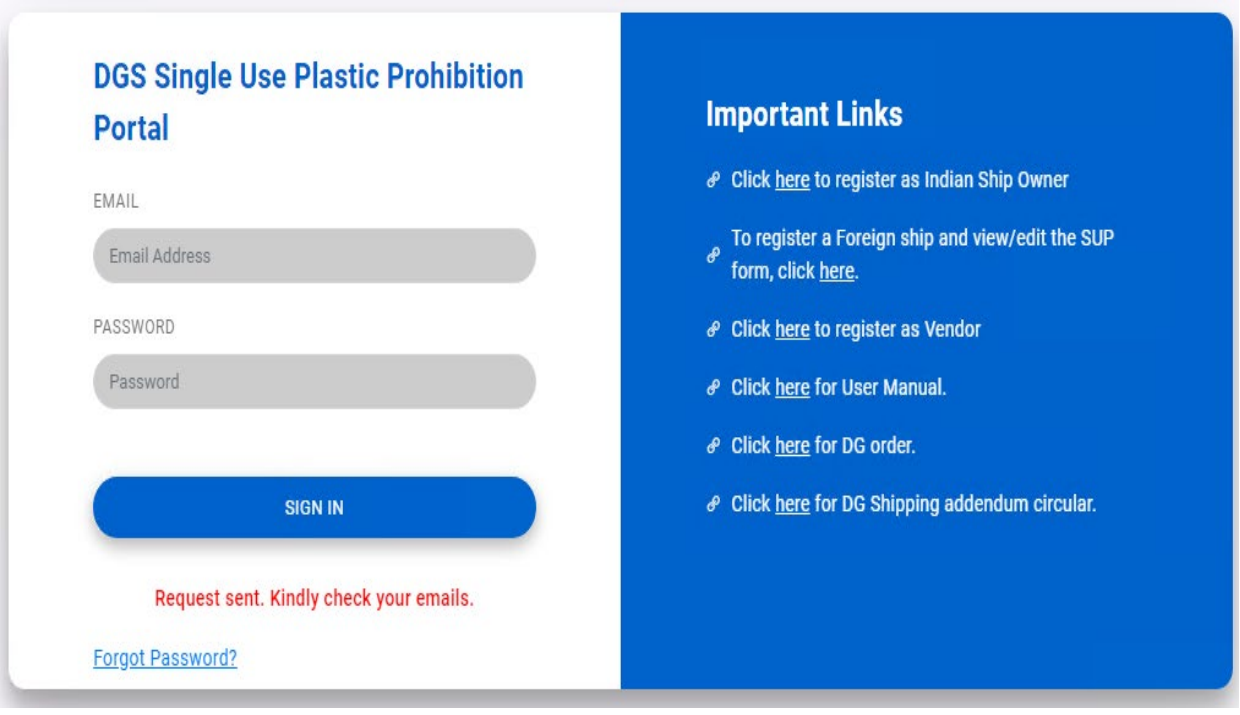
Logging In

Login



1. Enter email ID and password
2. Click on Sign In
3. On login you shall be redirected to the application Dashboard

Forgot Password

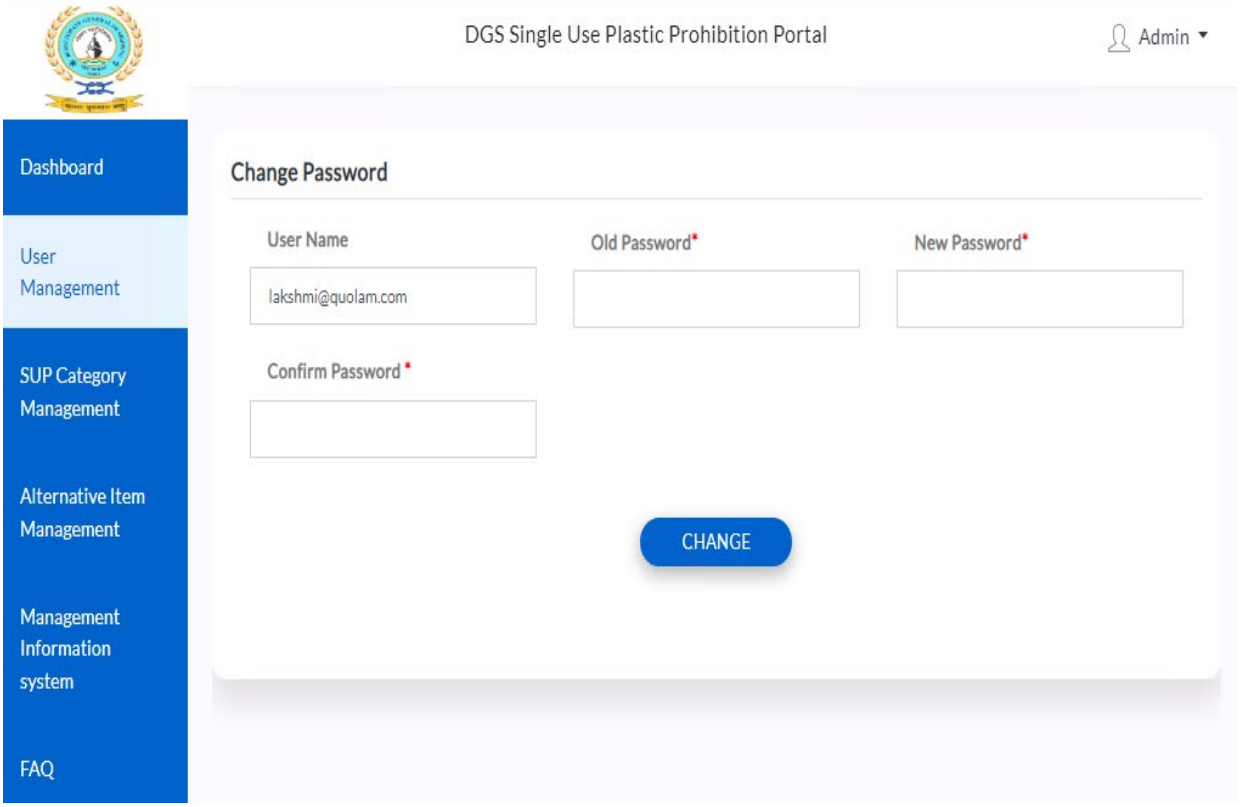


1. Click on forgot password link in Login page it will send you the new password to registered email id only if the email is correct you will get “Request sent. Kindly check you email” .
2. The password will be received in your email. Using that you can login the portal page.
3. The password is valid only for 5 minutes after receiving the email.
4. On success a notification message shall popup on the screen.

My Profile

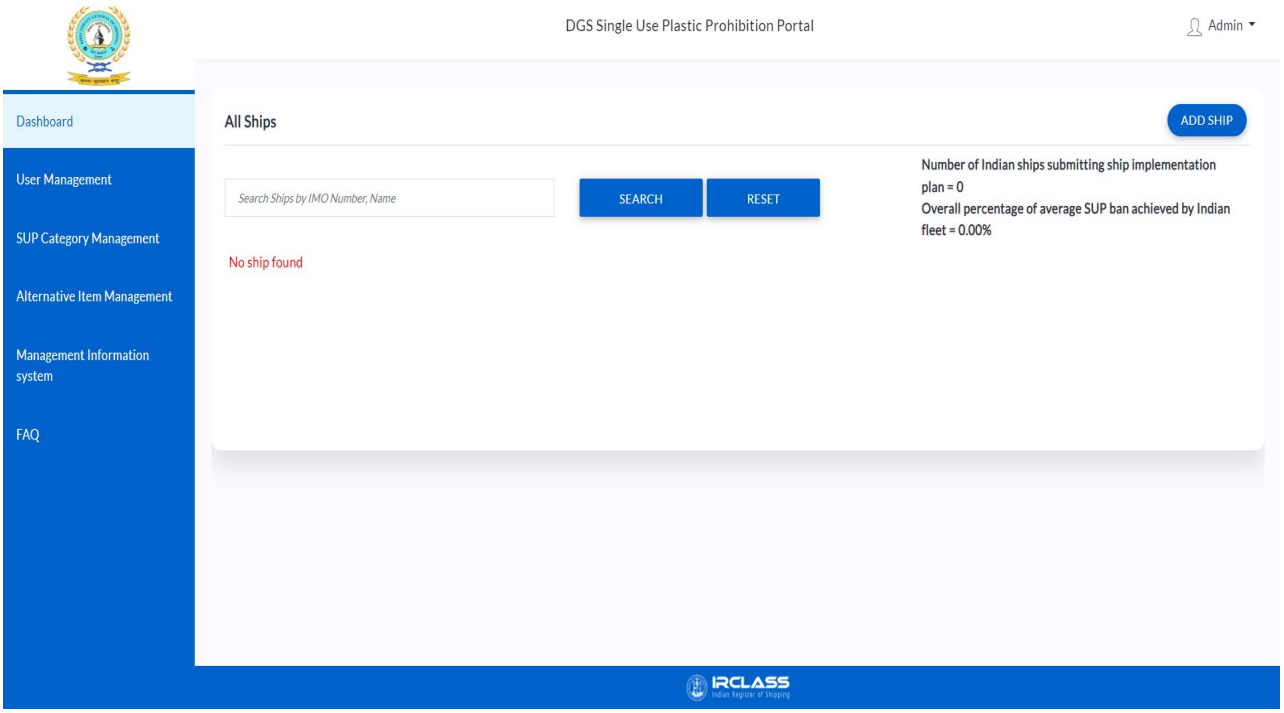
1. On the right side section with the User can see an avatar with the user name and a dropdown containing three options:
    a. Profile: Can updated profile details like email, address, mobile number
    b. Change Password: Allows Users to change their password
    c. Logout – will take the user out of the application, to the Login Page

Change Password



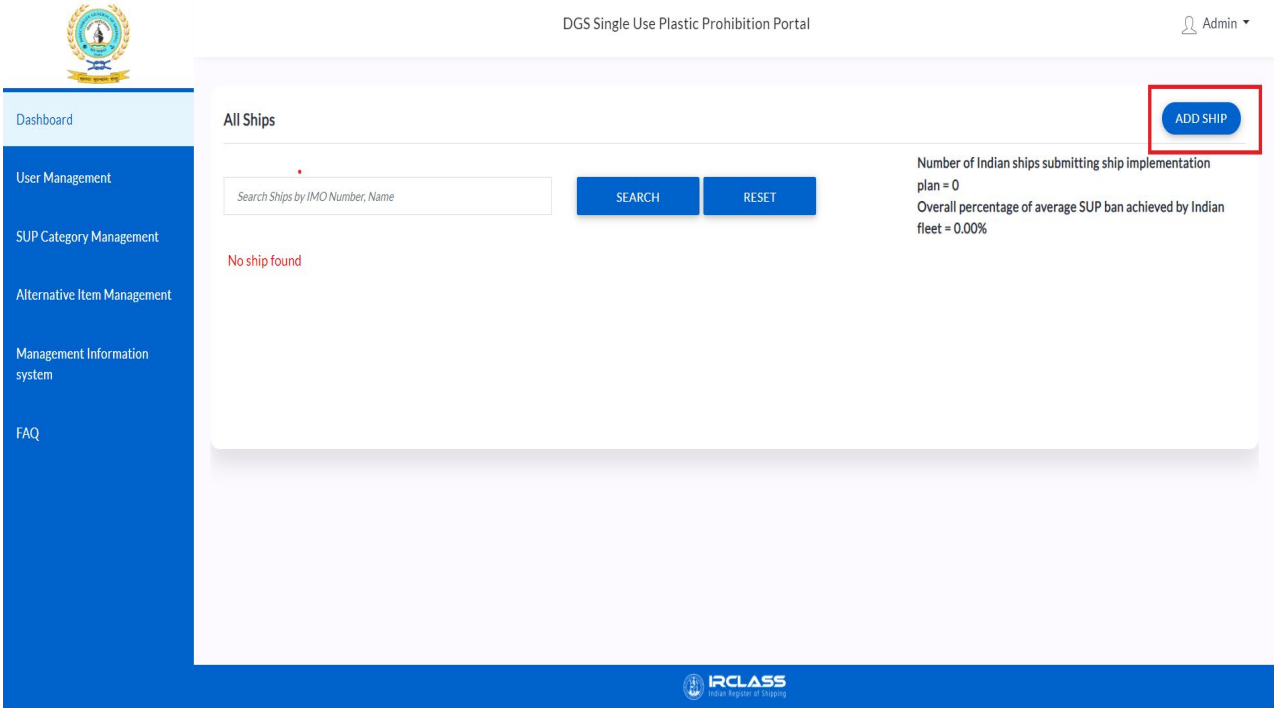
This will provide the option to change the password.

Dashboard

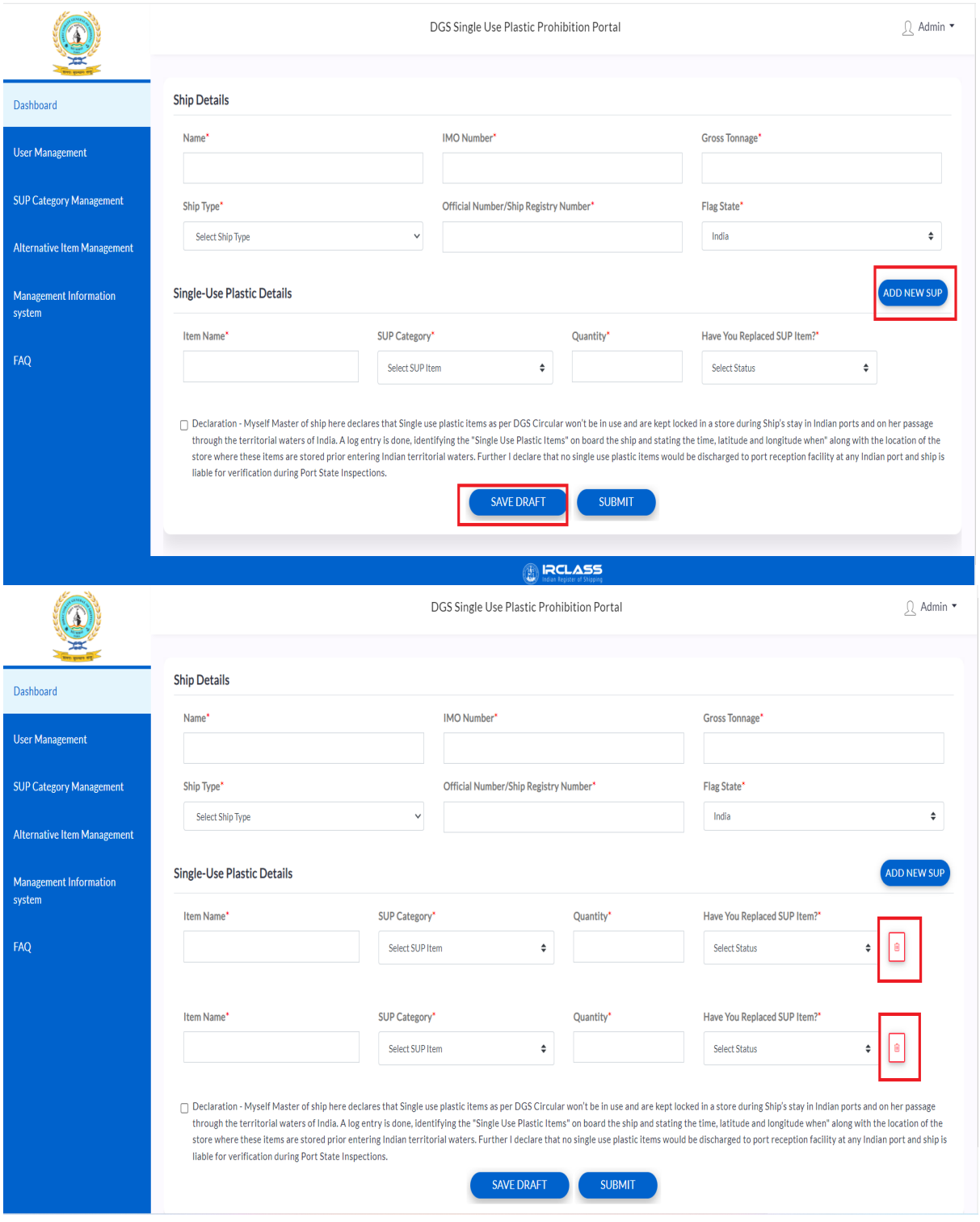


1. On successful login, user is redirected to the dashboard
2. It will show the ships which the user has created and or belonging to the user
3. "Add Ship" allows users to add a ship and enter the ship's Single User Plastic details
4. There is a Search bar which will allow the user to search for specific Ship names.
5. 'Edit' icon allows the user to edit the ship details (like Ship Details and Single Use Plastic details)

Add Ship

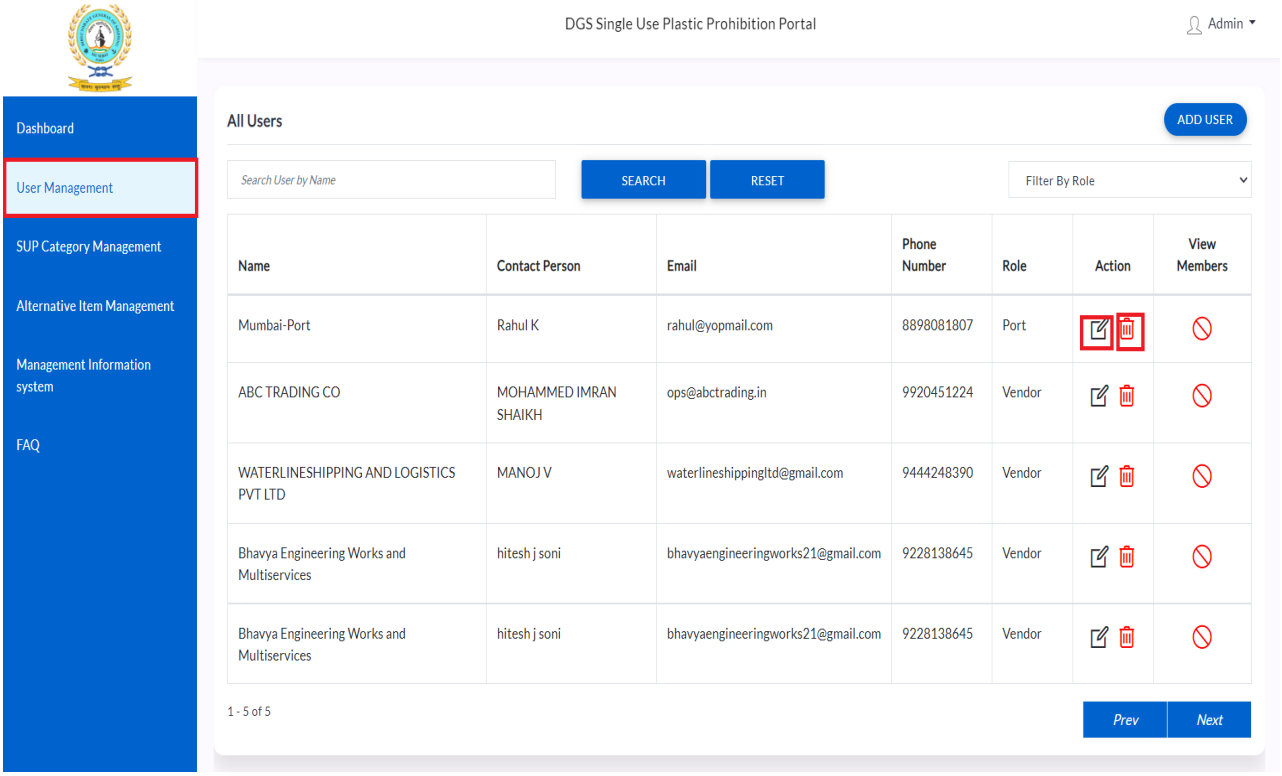


1. This functionality allows the user to add ship information like Ship Name, Imo Number, Ship type, Distinct number, Flag State
2. Add New SUP give option to add Single Use Plastic Details
3. You can add multiple single use plastic item to ship by clicking on ADD NEW SUP
4. SAVE DRAFT will save the ship information in draft mode. The user can edit and update anytime when it is in Save Draft mode. Once submitted, the user cannot change the IMO number



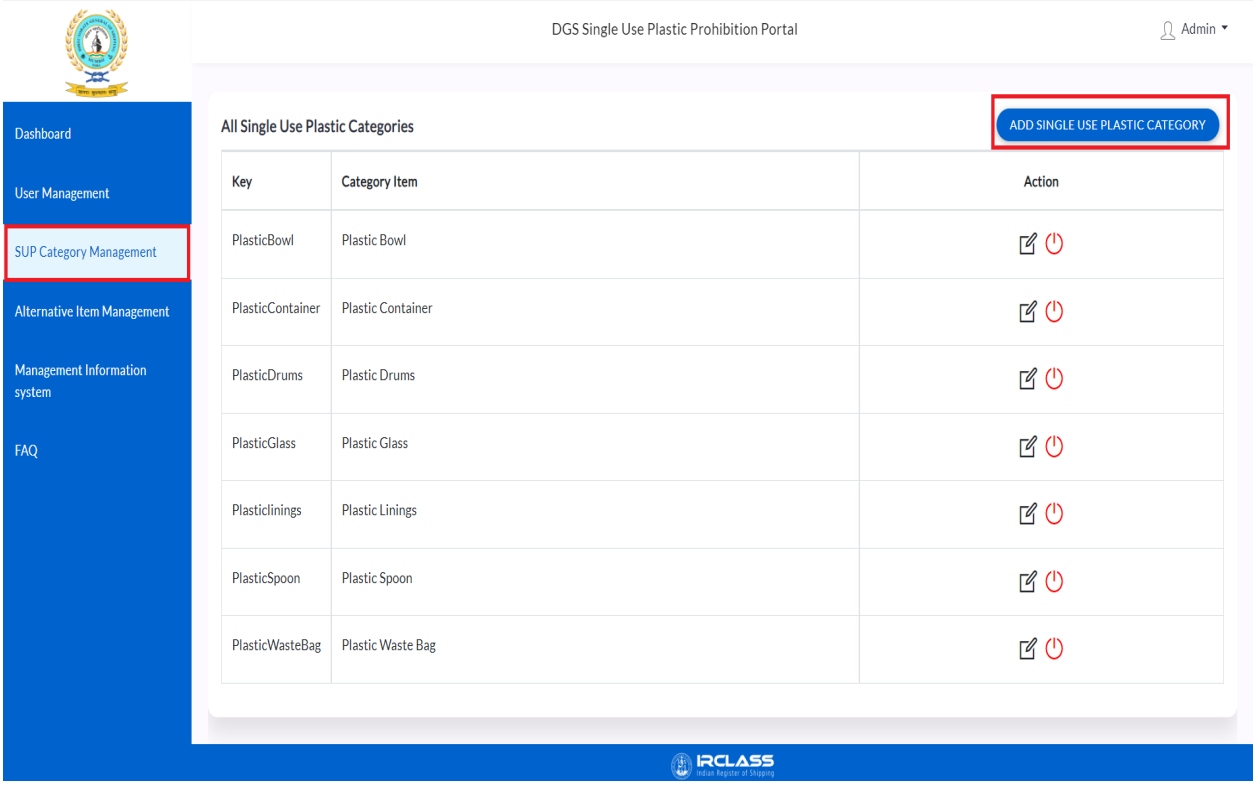
5. The user can also add/delete several Single Use Plastic items on this screen

User Management


DGS Single Use Plastic Prohibition Portal
Admin
Dashboard
User Management
SUP Category Management
Alternative Item Management
Management Information system
FAQ
All Users
ADD USER
Search User by Name
SEARCH
RESET
Filter By Role
Name
Contact Person
Email
Phone Number
Role
Action
View Members
Mumbai-Port
Rahul K
rahul@yopmail.com
8898081807
Port
ABC TRADING CO
MOHAMMED IMRAN SHAIKH
ops@abctrading.in
9920451224
Vendor
WATERLINESHIPPING AND LOGISTICS PVT LTD
MANOJ V
waterlineshippingltd@gmail.com
9444248390
Vendor
Bhavya Engineering Works and Multiservices
hitesh j soni
bhavyaengineeringworks21@gmail.com
9228138645
Vendor
Bhavya Engineering Works and Multiservices
hitesh j soni
bhavyaengineeringworks21@gmail.com
9228138645
Vendor
1 - 5 of 5
Prev
Next

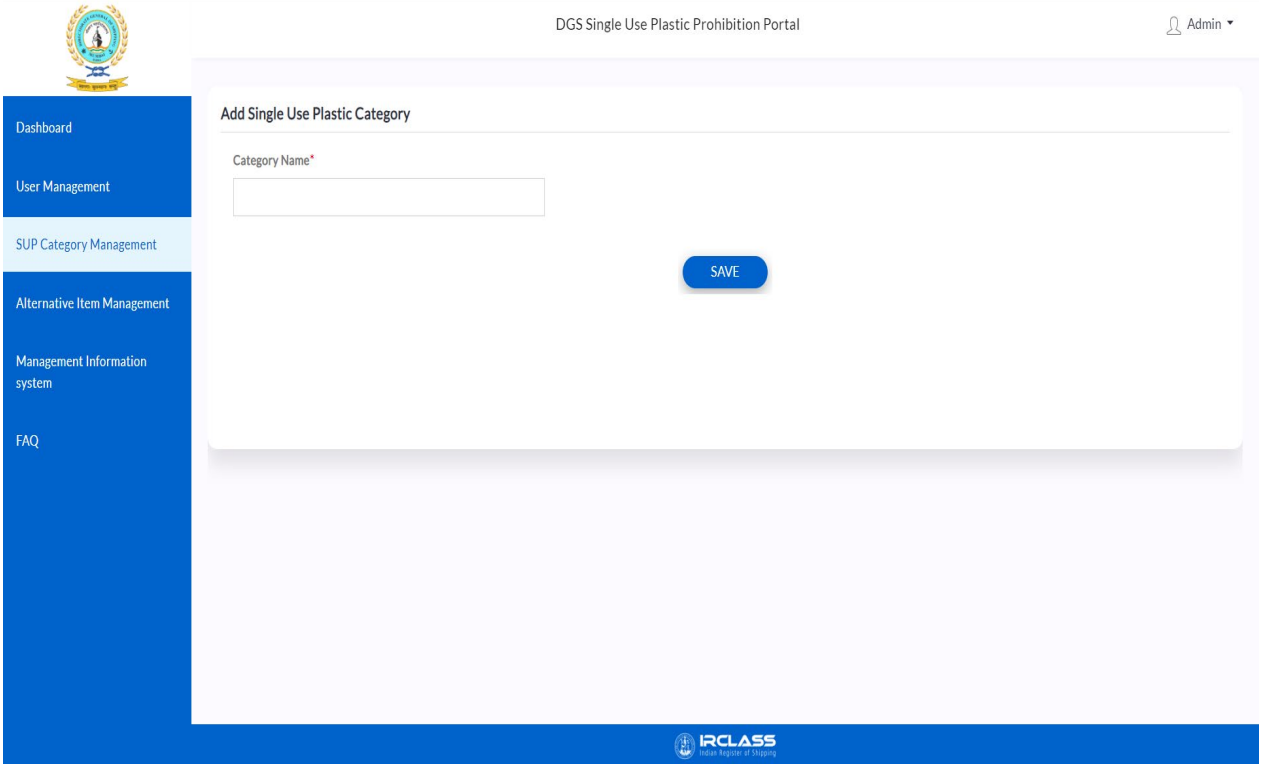
1. A listing of All Users is shown on the screen
2. The User can use the 'Edit icon' to edit User details
3. The User can use the 'Delete icon' to deactivate the user
4. "View Members" gives the relation between the user and ports

Single User Plastic Category Management



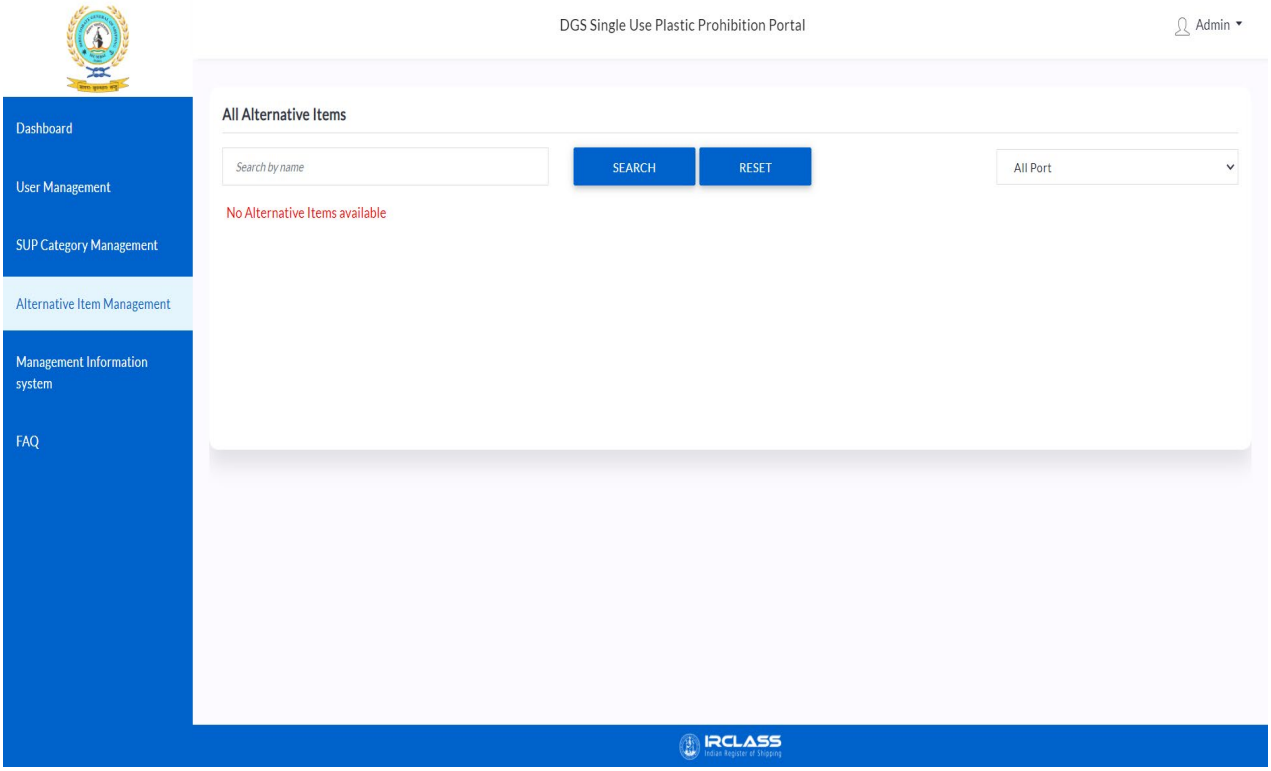
1. List of all Single Use Plastic categories
2. Admin users can Edit/ Delete to exiting Category

Add Single Use Plastic Category



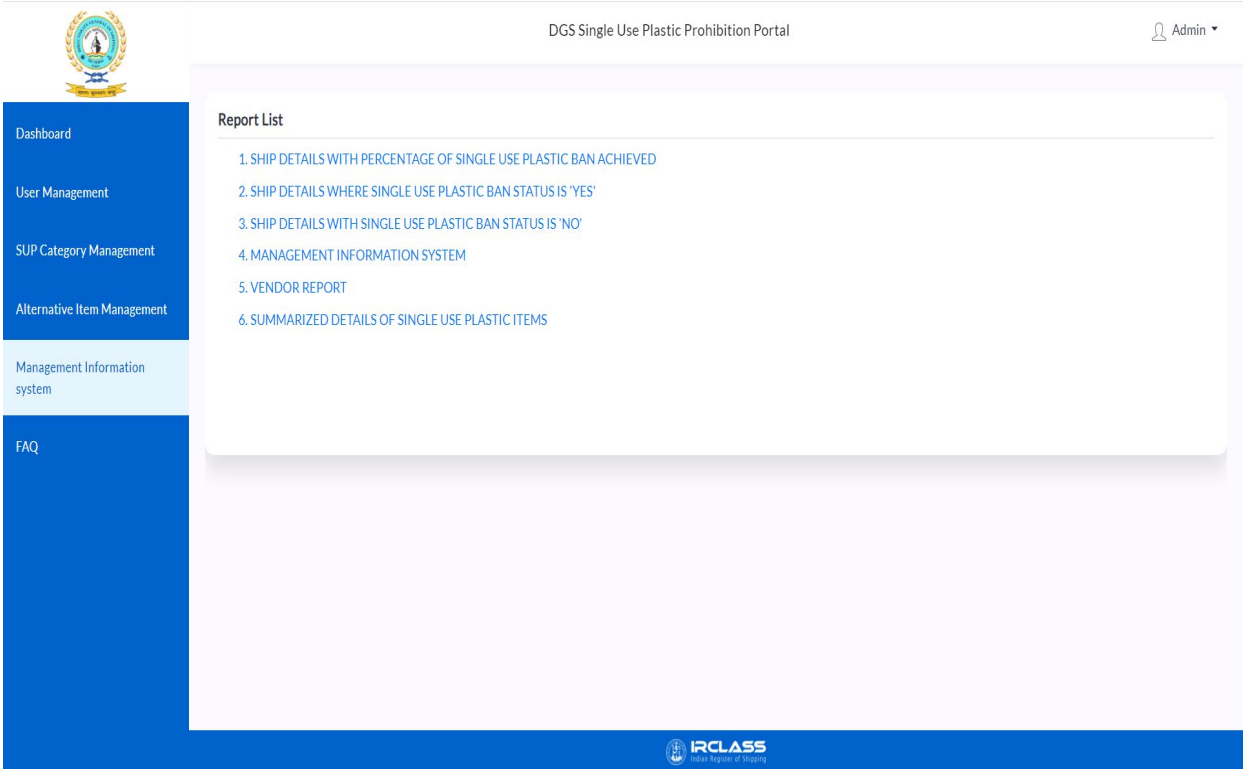
A new Single Use Plastic Category can be added via this screen.

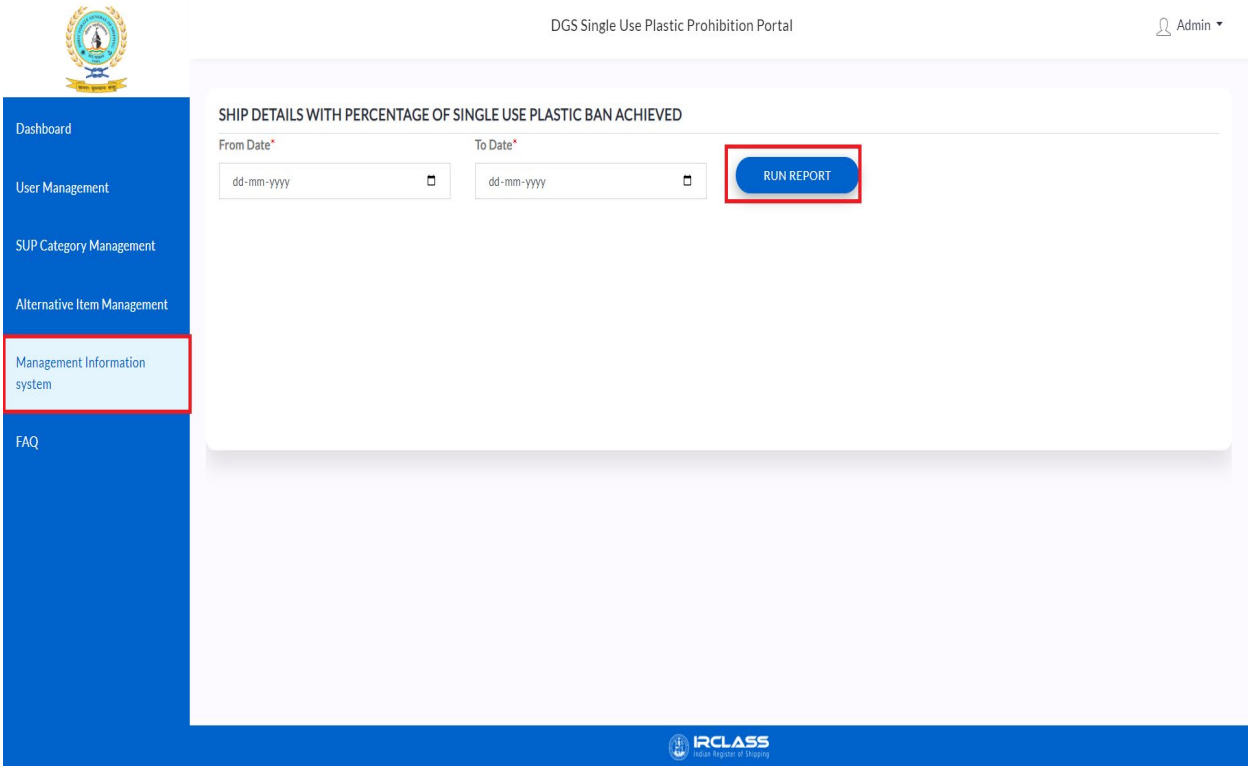
Single User Plastic Alternative Item Management



1. List of all Alternative Items, with the ability to view

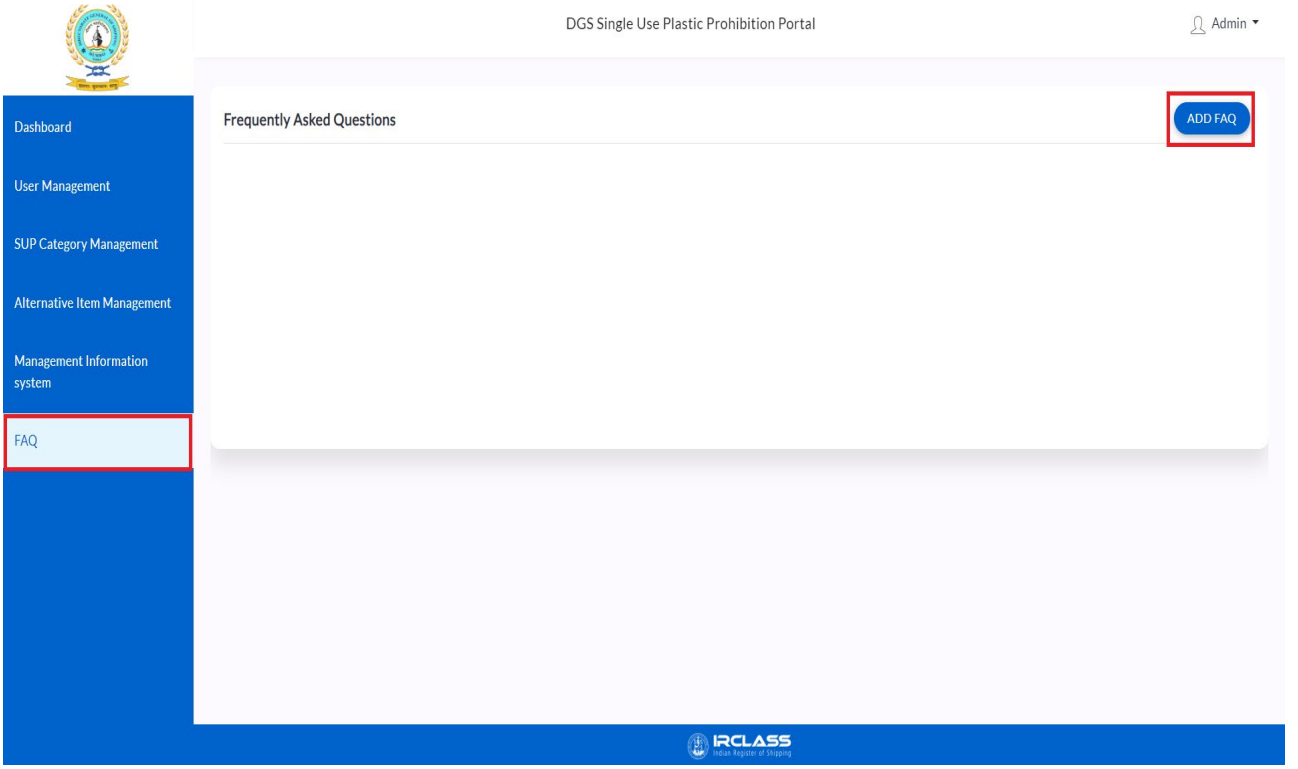
Management Information System

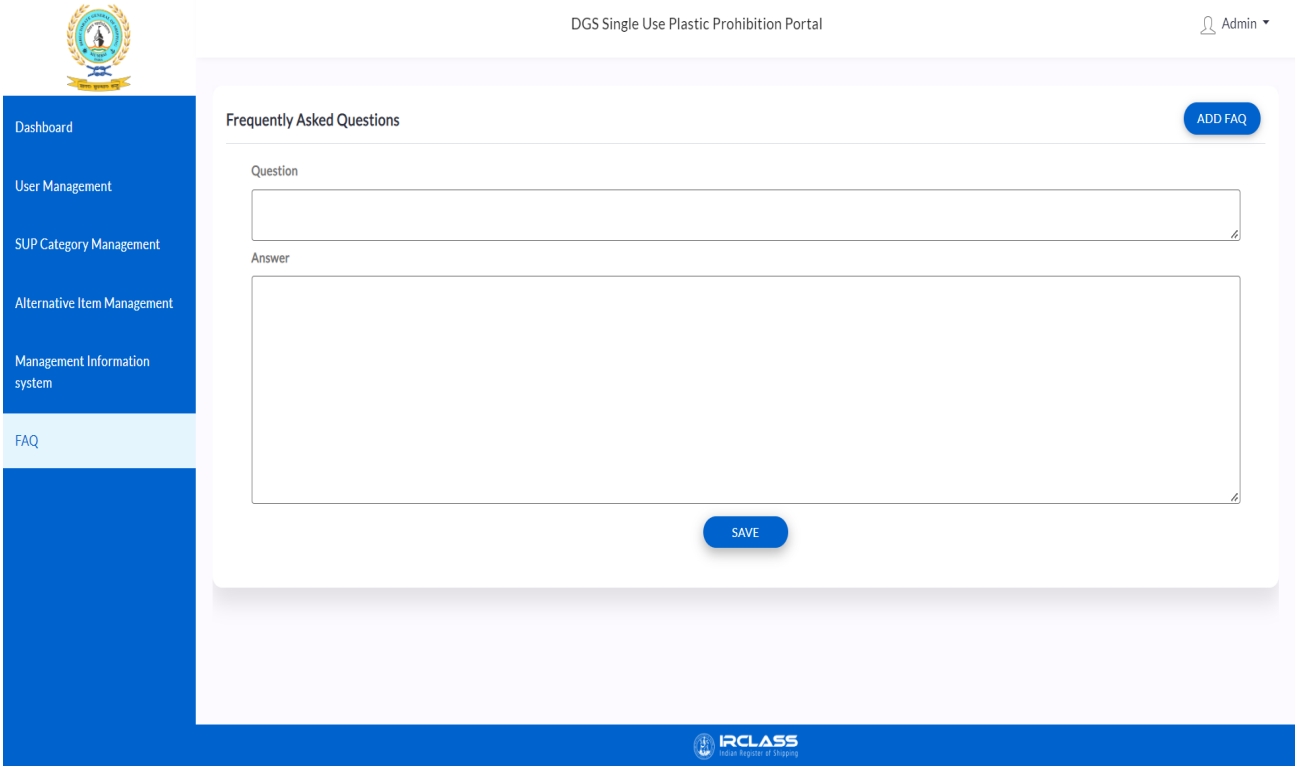




1. List of all Report List Items
2. Ability to view the Report based the Date Range and Download

Frequently Asked Questions (FAQ)





3. List of all FAQs, with the ability to Edit or Delete
4. Add FAQ will allow the user to add a new FAQ