



NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

LDB2.0

PORTAL USER GUIDE

www.ldb.co.in



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1. Home Screen LDB 2.0



Fig 1 LDB 2.0 Home Screen

- 1 Users can select their preferred language from eight supported options, including Hindi, Bangla, Gujarati, and more.
- 2 "About Us" section presents an overview of the NLDS organization and offers insights into the Logistics Data Bank (LDB) initiatives.
- 3 "News/Events" section highlights the latest updates, such as press releases and announcements related to NLDS and its ongoing projects.
- 4 "Coverage" section displays the reach of LDB across various logistics nodes, including ICDs, CFSSs, Toll Plazas, Port Terminals, Empty Yards, SEZs, and Railway Stations.
- 5 "Report" section enables users to download LDB analytics reports in monthly, quarterly, or yearly formats by entering their email ID and organization name.
- 6 "Dashboard" provides analytical insights on dwell time, transit time, port performance, and container heatmaps. Users can view data for ports, ICDs, parking plazas, and CFSSs on a monthly, quarterly, or yearly basis.
- 7 Users can track one or multiple containers in real-time for both export and import shipments.
- 8 The system enables real-time container tracking across sea routes, including transshipments, and displays route milestones and demurrage details.
- 9 Users can monitor carrier movement via vehicle numbers using FASTag data to track toll crossings and route progress.
- 10 The platform uses FNR numbers and FOIS data to provide live tracking and

movement status of rail shipments.

- 11 The "Track your Container's Export Journey" shortcut offers quick access to container tracking across sea routes, including transshipments, route milestones, and demurrage information.
- 12 Vehicle compliance check feature offers verification of vehicle compliance status. User can check vehicle compliance by simply entering the vehicle number
- 13 Check your E-way Bill validity features offer users the ability to verify the status and validity of an E-way Bill by simply entering the bill number."
- 14 The "Get the Tracking Notification" option allows users to register for alerts related to Group Numbers or Container Numbers via mobile number or email address.
- 15 The "Create your Group Number" feature lets users group multiple containers under a single identifier for unified tracking and alert registration

2. LDB User Operations

This section describes different functions/features that are available in NLDSL-LDB application.

2.1.Container Tracking

1. Enter "ldb.co.in" in the web browser and press the Enter key.
2. Main window will open

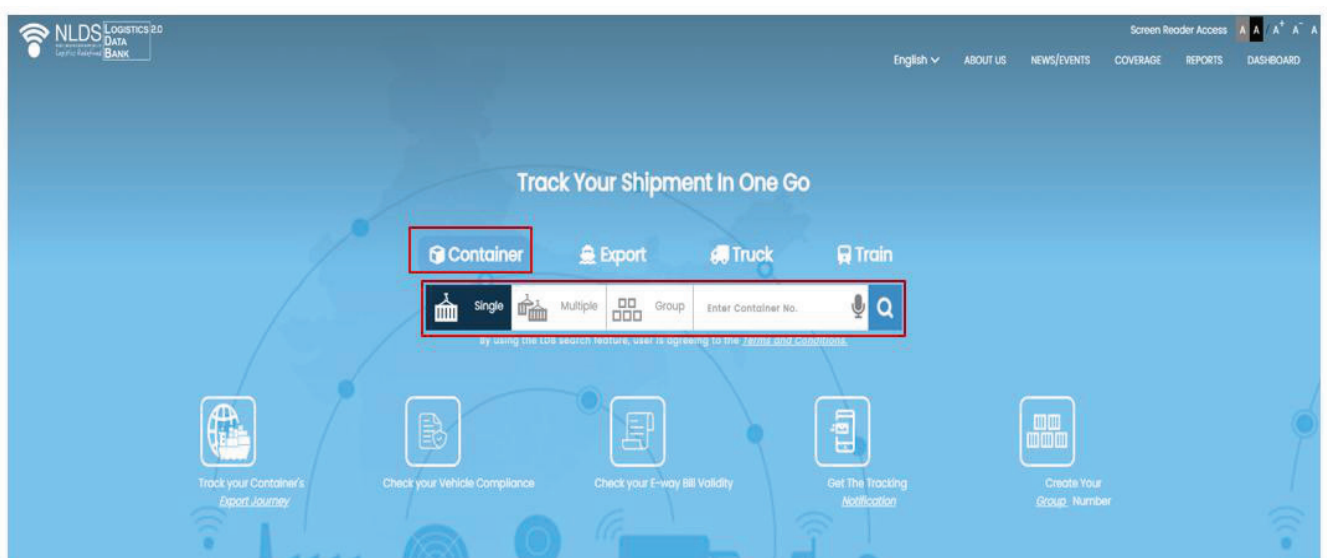


Fig 2 LDB Home screen

3. Select Container option and press single option for single container search, multiple for more than 1 containers with “,” (comma) separated and group for

multiple containers under 1 group.

4. Click the Search icon.
5. LDB system will display all the registered tracking information in case of single container search with the status and cycle of searched containers.
6. Flow of the Information for a particular container is from bottom to top. i.e. the latest event is displayed on the top of each export, transit cycle or import
7. Click on the Import/Export Voyage information and Transit information tabs. If previously registered tracking information is present then all trails (export, inland and import) will be shown for the complete life cycle.

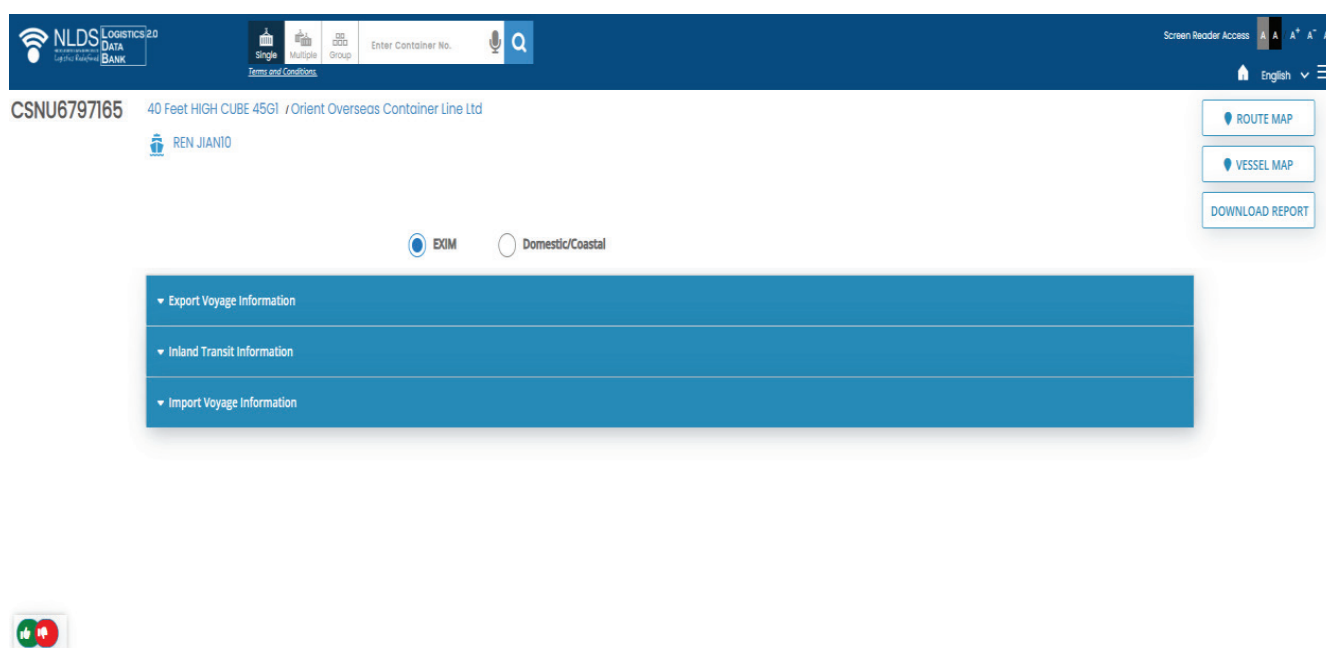


Fig 3 Import/Export Voyage Details

8. The "Export Voyage Information" provides details about the port from which the container's export journey originated.

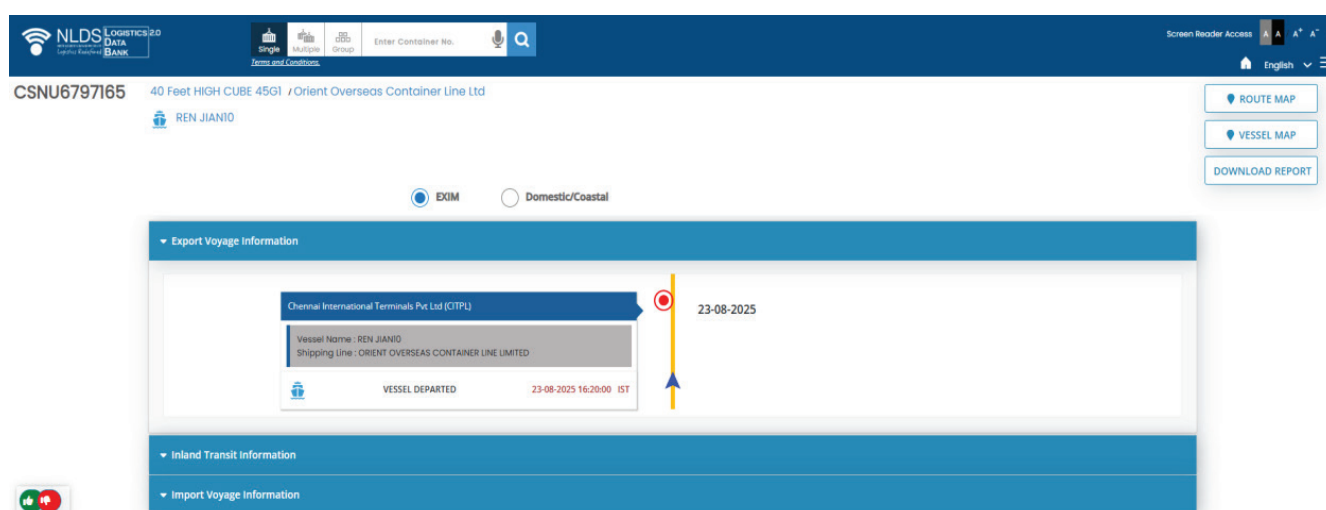


Fig 4 Export Voyage Information

9. Inland transition information provides the inland movement of the searched container.

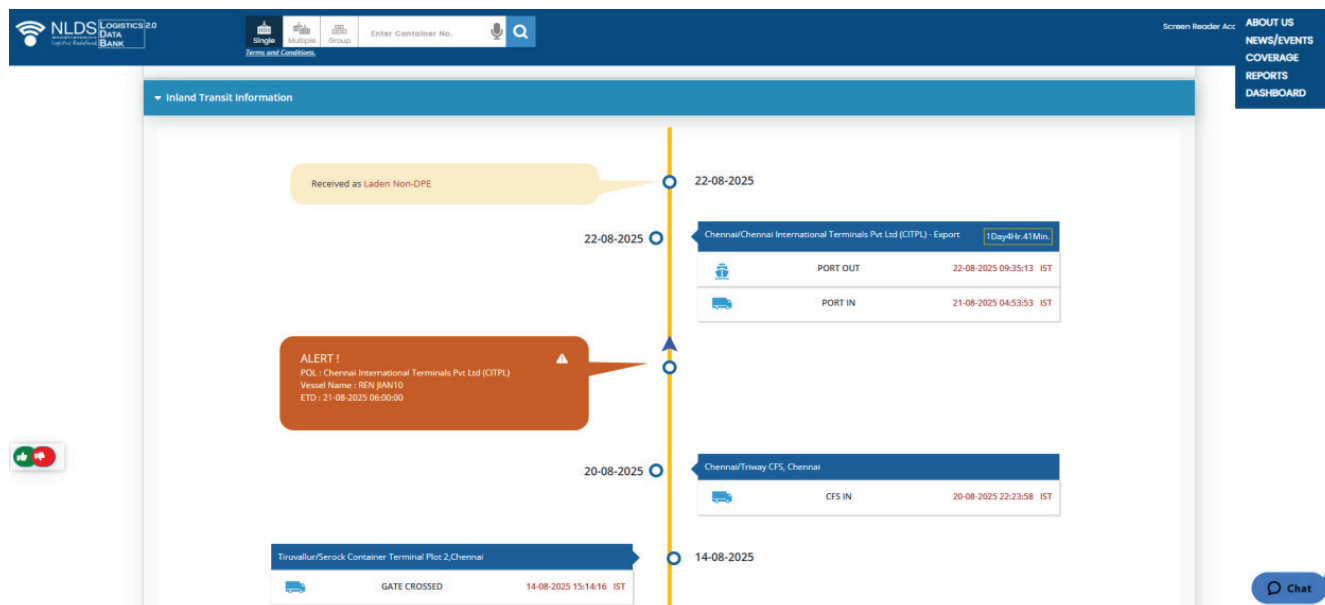


Fig 5 Inland Movement Tracking

10. Clicking the “+” icon reveals a list of all railway stations the container has passed through, along with the corresponding date and time stamps.

11. Import voyage information provides the information of the port where the vessel carrying the container searched has arrived.

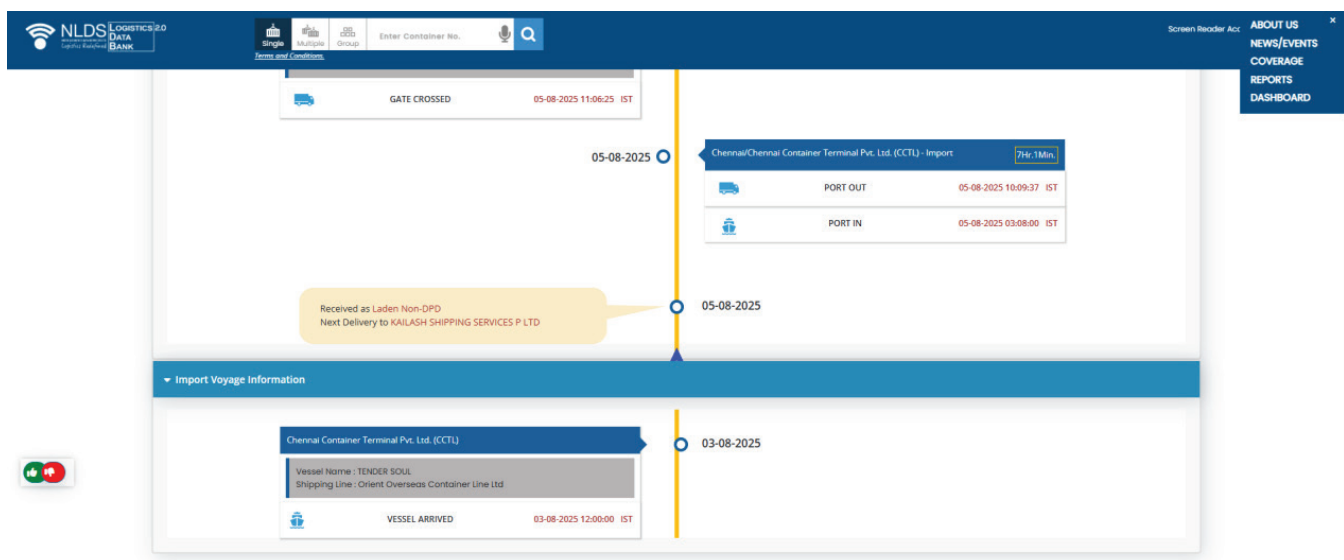


Fig 6 Import Voyage Information

12. Click the 'Route Map' link to see the event details and location on map. Route Map window will open. Click on the legends and the event info is displayed.

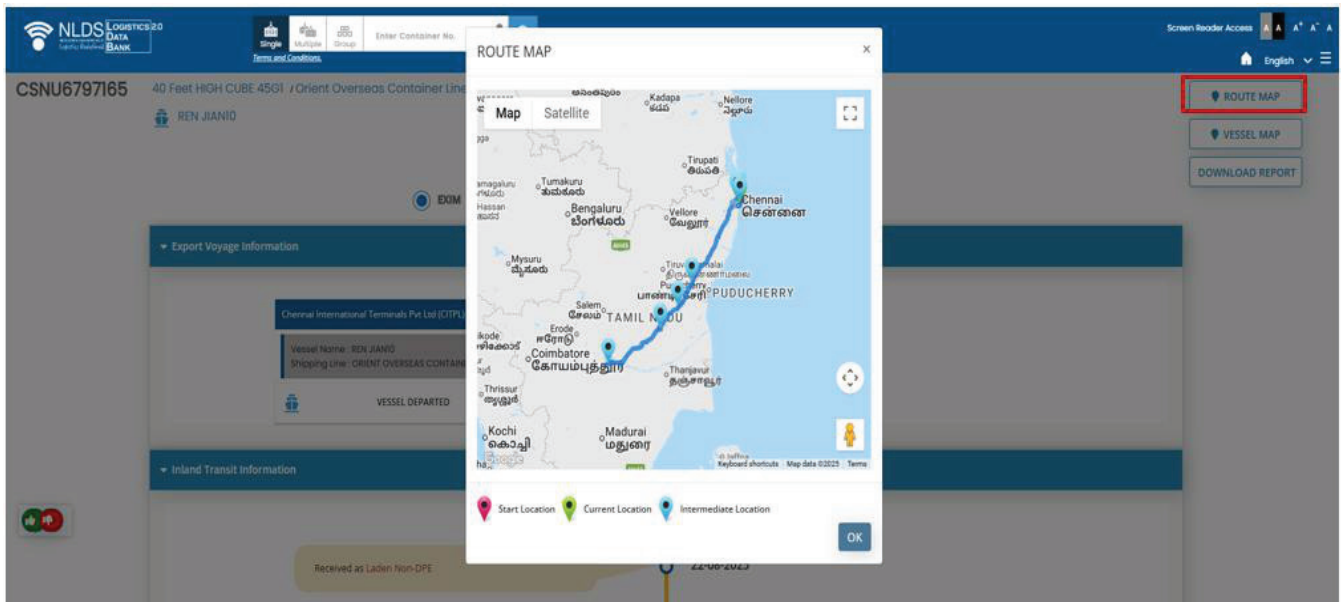


Fig 7 Route Map

13. Click on the legends and the event info is displayed.

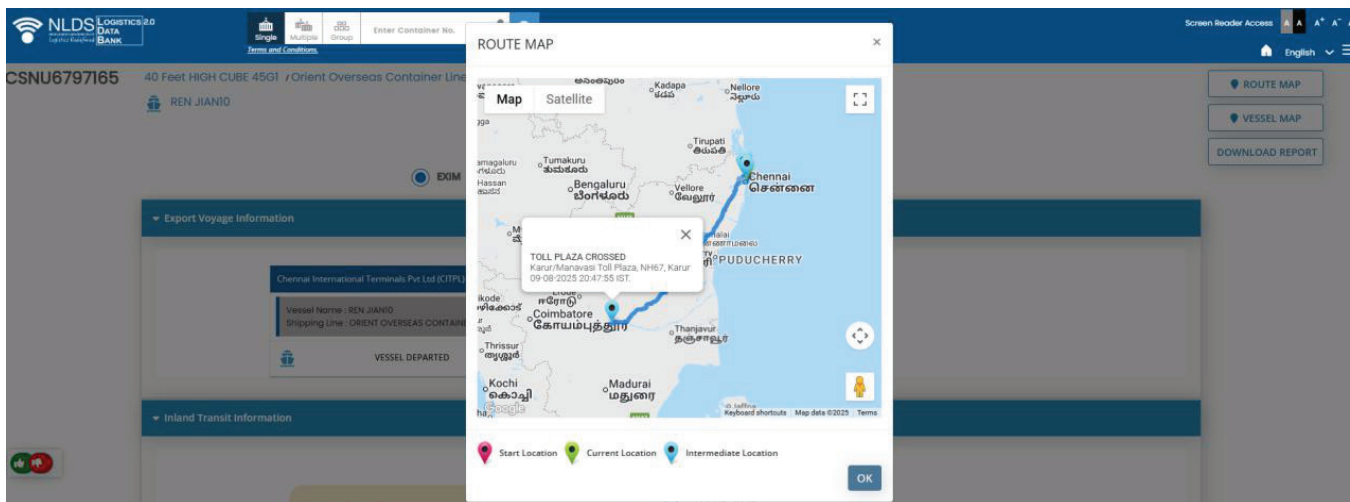


Fig 8 Event Information on Map

14. Again, click upon the legend to close the event info popup.

15. Click on the “Download Report” to download the entire journey report of the searched container in both excel and pdf format, where all events of container with respect to the event name and location of event with the exact time is recorded.

Container Number: CSNU6797165		Transport Mode: TRUCK (null)	
Refrigerated: NO		Container Type: 40 Feet HIGH CUBE	
Vessel Name: TENDER SOUL			
S.No.	Tracking Point	Location/Custodian	Time
1	VESSEL DEPARTED	Chennai International Terminals Pvt Ltd (CITPL)	23-08-2025 16:20:00 IST
2	Laden Non-DPE		22-08-2025 00:00:00 IST
3	PORT OUT - E	Chennai/Chennai International Terminals Pvt Ltd (CITPL)	22-08-2025 09:35:13 IST
4	PORT IN - E	Chennai/Chennai International Terminals Pvt Ltd (CITPL)	21-08-2025 04:53:53 IST
5	ETD	Chennai International Terminals Pvt Ltd (CITPL)	21-08-2025 06:00:00 IST
6	CFS IN	Chennai/Triway CFS, Chennai	20-08-2025 22:23:58 IST
7	GATE CROSSED	Tiruvallur/Serock Container Terminal Plot 2,Chennai	14-08-2025 15:14:16 IST
8	TOLL PLAZA CROSSED	Chennai/Mathur Toll Plaza, SH01, Chennai	11-08-2025 12:00:46 IST
9	TOLL PLAZA CROSSED	Viluppuram/Vikravandi Toll Plaza, NH45, Viluppuram	11-08-2025 07:05:44 IST
10	TOLL PLAZA CROSSED	Viluppuram/Sengurichi Toll Plaza, NH45, Viluppuram	10-08-2025 07:09:55 IST
11	TOLL PLAZA CROSSED	Perambalur/Thirumandurai Toll Plaza, NH45, Perambalur	10-08-2025 06:01:17 IST
12	TOLL PLAZA CROSSED	Karur/Manavasi Toll Plaza, NH67, Karur	09-08-2025 20:47:55 IST
13	TOLL PLAZA CROSSED	Viluppuram/Sengurichi Toll Plaza, NH45, Viluppuram	08-08-2025 17:28:06 IST
14	TOLL PLAZA CROSSED	Chennai/Mathur Toll Plaza, SH01, Chennai	08-08-2025 01:37:27 IST

Fig 9 Journey Tracking Report

3. Track your Container's Export Journey

3.1. Overview

This module is designed for high sea tracking of containers, offering continuous monitoring from the port of origin till the destination station. It ensures comprehensive visibility and timely status updates throughout the transit process.

3.2. Operational Flow

1. Click on the Export icon and enter the container number to initiate high sea tracking, either manually or using a voice command. Alternatively, you can track the container by selecting the 'Track Your Export Container till Its Destination' icon, enabling monitoring from the origin port through to the destination.

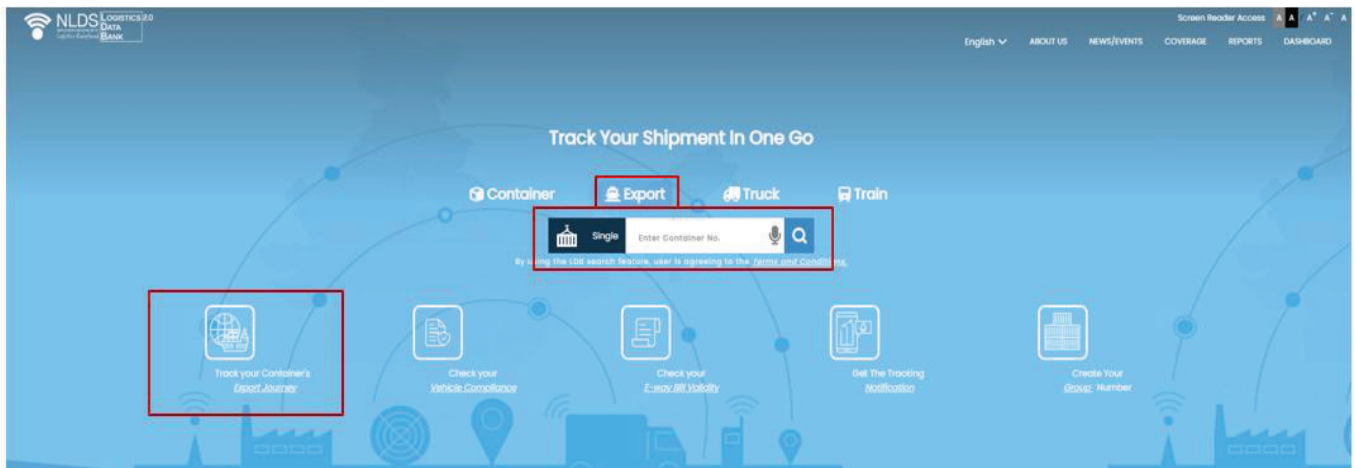


Fig 10 High Sea Tracking

2. Enter mobile number, agree to the Terms and Conditions by selecting the checkbox, then click the 'Send OTP' button.

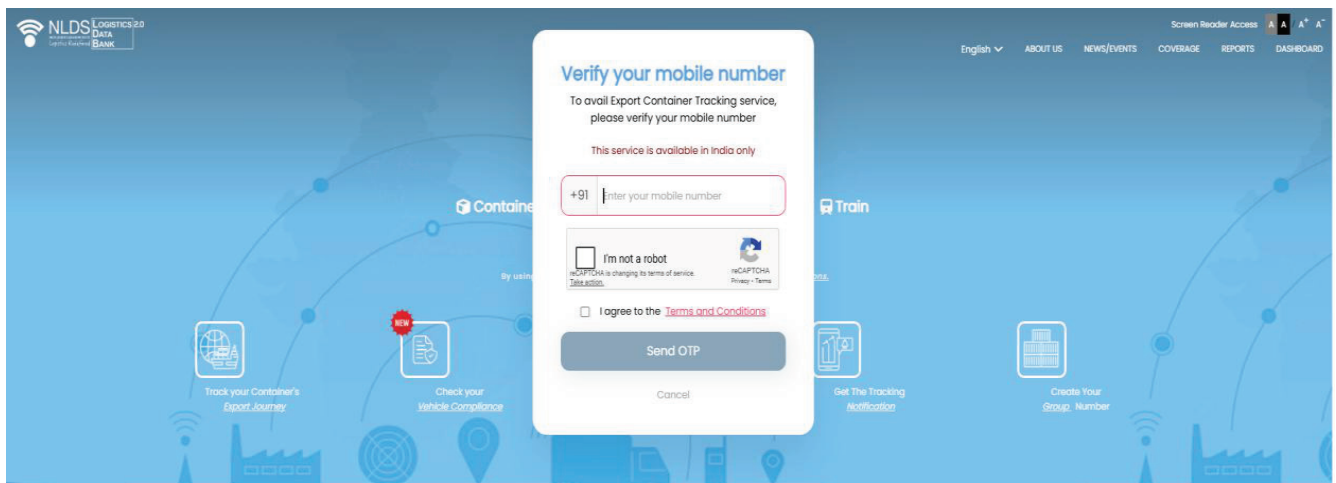


Fig 11 Verifying Mobile Number

3. Enter the OTP and verify the mobile number for high sea tracking purpose.

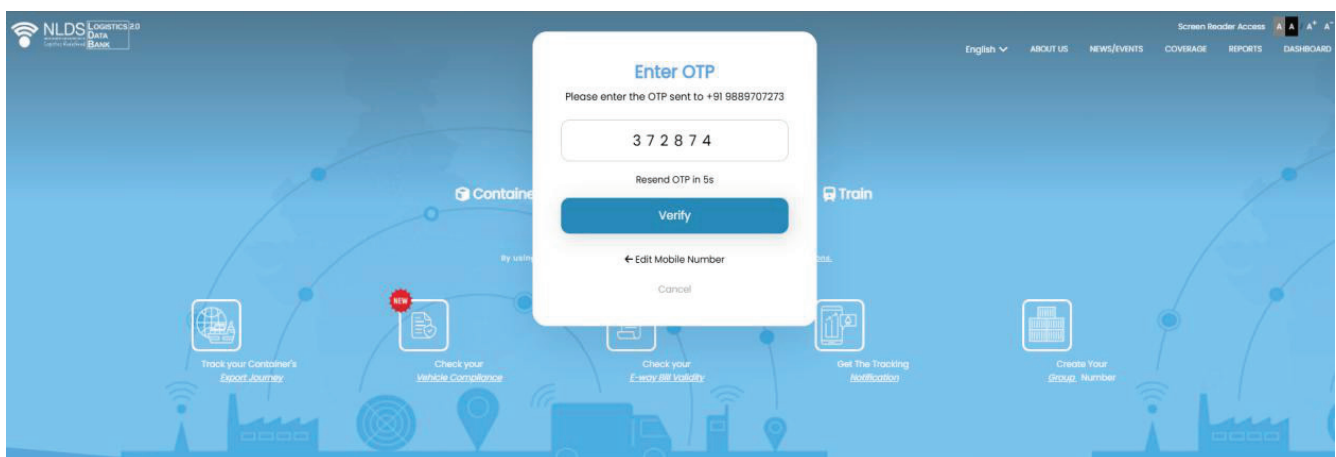


Fig 12 OTP Verification

4. The map will display the origin station, the complete route, and details such as actual and expected arrival and departure times under the "Routes icon" present at the top left side. On the map, the red line represents the distance covered by train, the blue line shows the distance covered by ship, and the dotted line

indicates the remaining route yet to be covered.

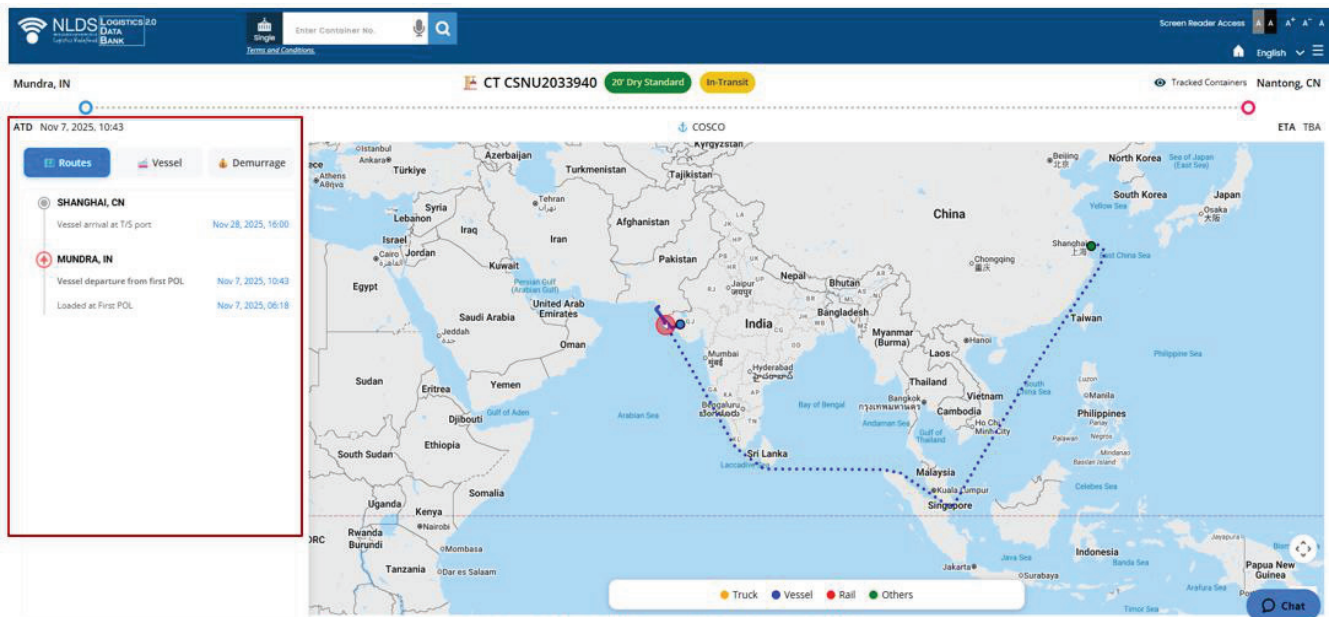


Fig 13 Tracking through High Sea

- Detailed vessel information such as the vessel name, loading station, and expected arrival and departure times can be viewed by clicking on the vessel icon.

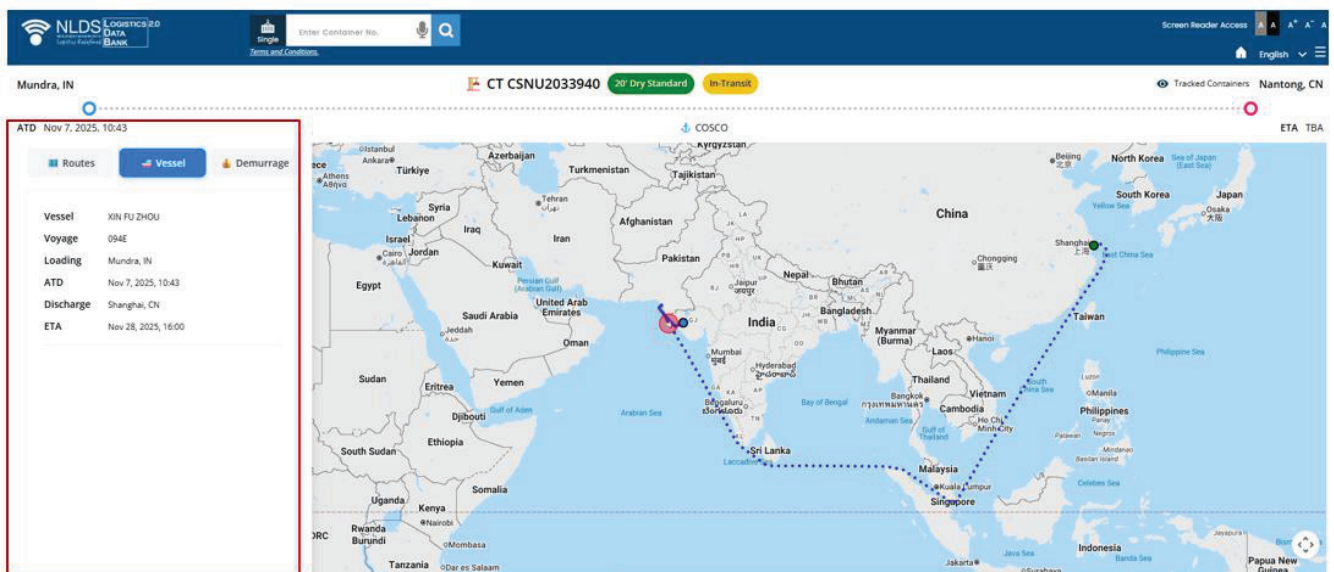


Fig 14 High Sea Tracking – Vessel Details & Demurrage

- Demurrage information can be retrieved by clicking on the “demurrage icon”, helping users monitor delays and manage costs.
- Maximum 5 unique containers can be tracked in a month linked with a particular mobile number. The container search count can be seen by clicking on the “Tracking Container” icon present at the top right side of the screen.

4. Tracking through Truck Number

4.1. Overview

This module enables transporters and operators to track cargo movement using trailer or vehicle numbers. By integrating with ULIP's Fastag API, the platform provides a detailed trail of toll plaza crossings, allowing users to verify routes, manage schedules, and respond to delays.

4.2. Operational Flow

1. Click on the Truck Icon and enter the trailer number or commercial vehicle number which is to be tracked.



Fig 15 Tracking through Truck

2. Truck movement is tracked based on the last toll plaza crossed, with the most recent toll plaza displayed at the top of the list.

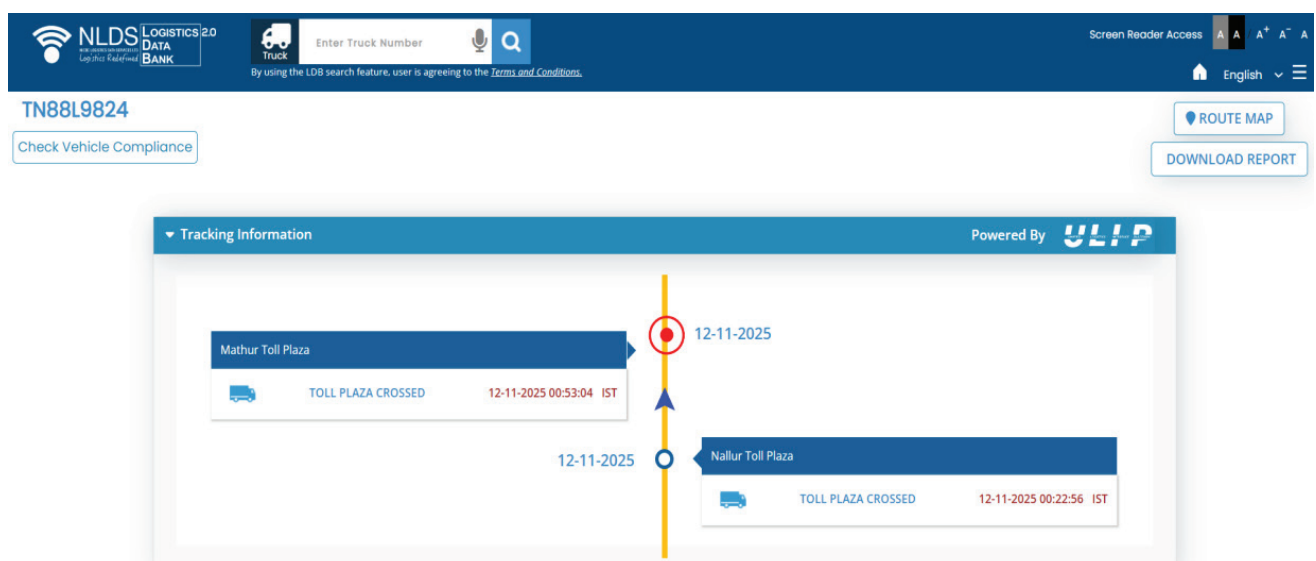


Fig 16 Tracking through Truck

3. Click the 'Route Map' link to see the Source, current and intermediate location on map. Route Map window will open.

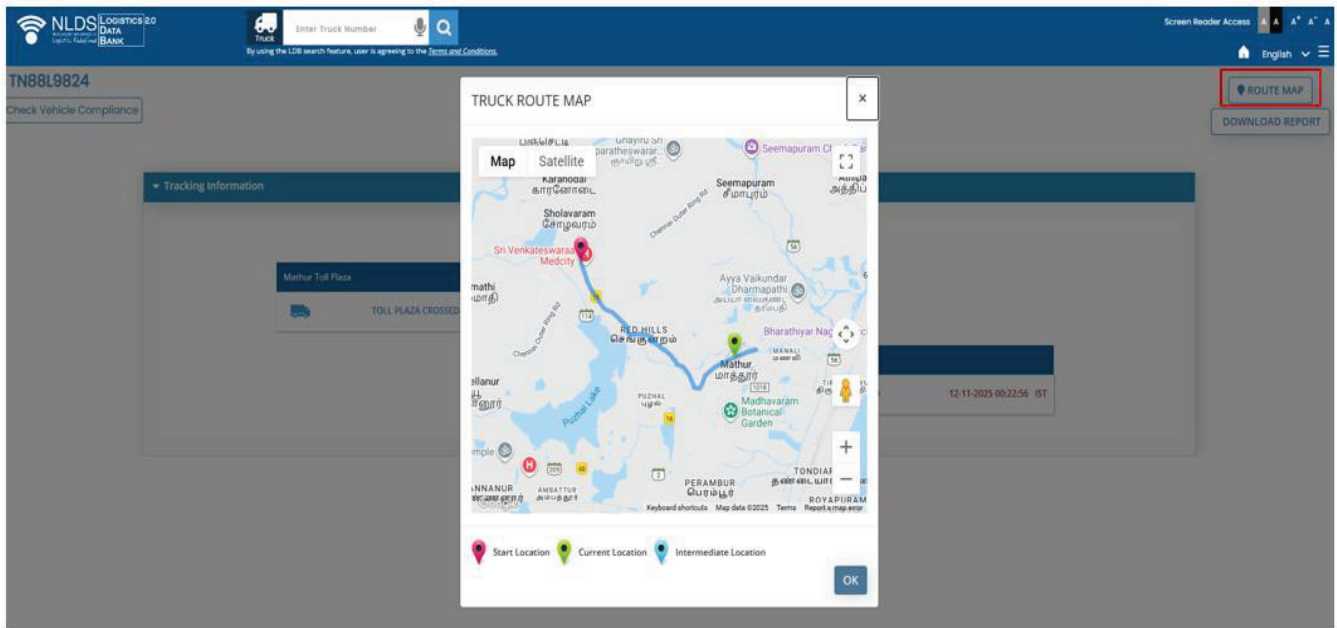


Fig 17 Map View

4. Vehicle compliance can also be checked, including details such as vehicle description, fuel type, tax validity, PUC validity, fitness validity, permit validity, and insurance.

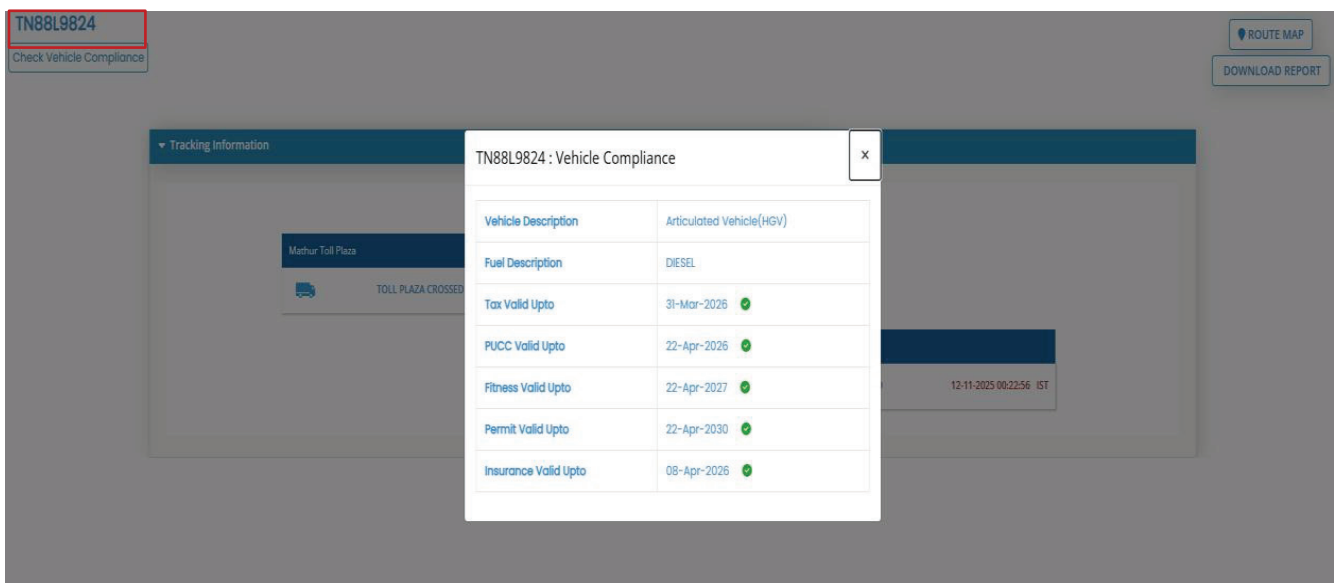


Fig 18 Checking Vehicle Compliance

5. Truck movement and vehicle compliance reports can be downloaded using the **Download Report** icon at the top right. Reports are available in Excel and PDF format.

Truck Number : TN96E2221

Container Number : N/A

Vehicle Compliance Details

Vehicle Description	Articulated Vehicle(HGV)
Fuel Description	DIESEL
Tax Valid Upto	30-Sep-2025
PUC Valid Upto	01-May-2026
Fitness Valid Upto	01-May-2027
Permit Valid Upto	26-Apr-2028
Insurance Valid Upto	30-Mar-2026

Truck Events Details

S.No.	Event Name	Location	Event Time
1	TOLL PLAZA CROSSED	Mathur Toll Plaza	12-11-2025 05:24:25

Fig 19 Compliance Report

5. Tracking through FNR Number

5.1. Overview

This module allows tracking of shipments moving by rail using FNR numbers. Real- time updates from ULIP's FOIS API provide insights into the train's origin, destination, and last station crossed—enabling better coordination and reduced idle time.

5.2. Operational Flow

1. Click on the train icon and enter the FNR number which is to be tracked.



Fig 20 Tracking through Train

2. The train movement can be tracked, which shows the origin and source destination along with the last station crossed.



Fig 21 Tracking through Train

6. Check your Vehicle Compliance

6.1. Overview

This module allows users to check the compliance status of any registered vehicle by entering its vehicle number. It provides complete information on the vehicle's tax, insurance, permit, PUCC, and fitness validity—helping ensure that only legally compliant and roadworthy vehicles are used for transportation.

6.2. Operational Flow

1. Click on the **Vehicle Compliance** option.

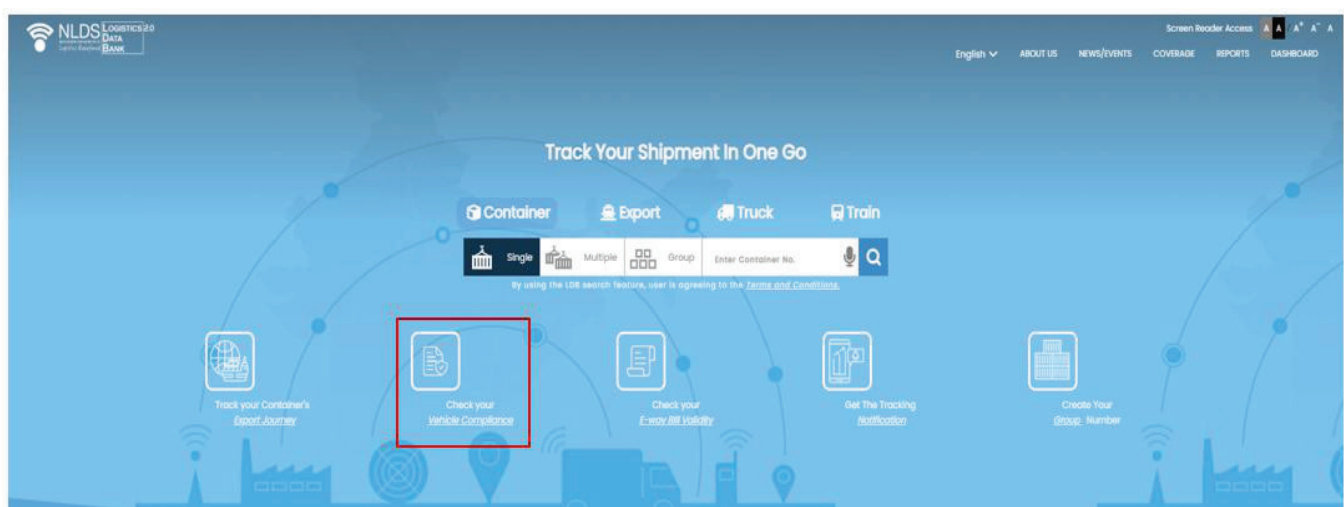


Fig 22 Vehicle Compliance

2. Enter the **Vehicle Number** in the input field and click **Submit** to fetch details.

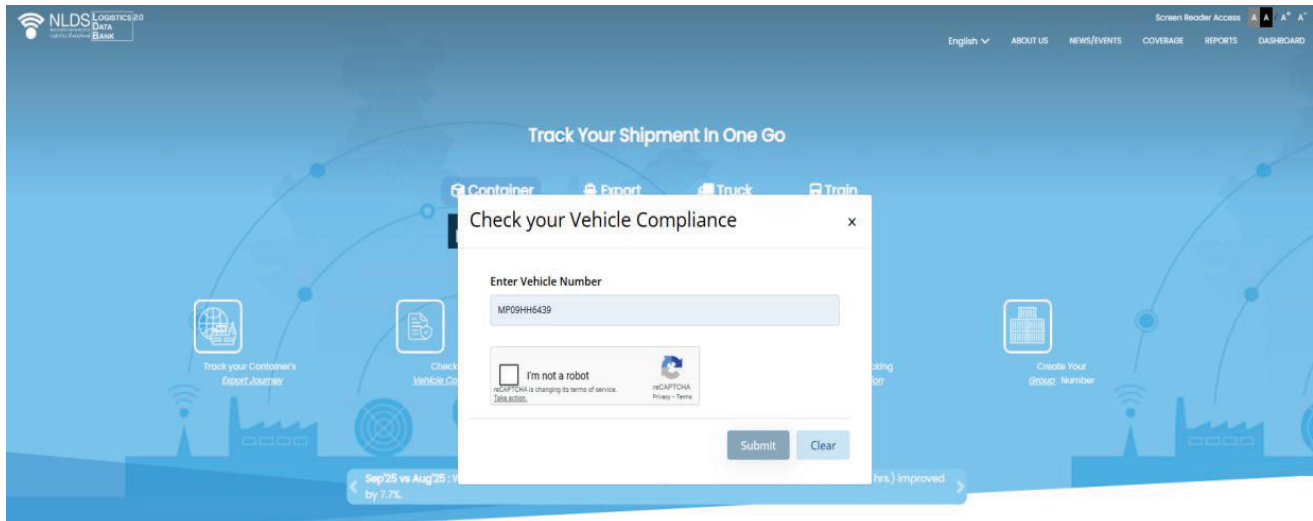


Fig 23 Vehicle Compliance

- The system displays detailed vehicle compliance information, including vehicle description, fuel type, and validity dates for tax, PUC, fitness, permit, and insurance.

Check your Vehicle Compliance

Enter Vehicle Number

HR38W6648

Submit

Edit

HR38W6648 : Vehicle Compliance

Vehicle Description	Goods Carrier(HGV)
Fuel Description	DIESEL
Tax Valid Upto	30-Sep-2026 ✓
PUC Valid Upto	05-May-2026 ✓
Fitness Valid Upto	18-Jan-2027 ✓
Permit Valid Upto	19-Jan-2027 ✓
Insurance Valid Upto	26-May-2026 ✓

Fig 24 Checking Vehicle Compliance

7. Check your E-way Bill Validity

7.1. Overview

This module enables users to verify the validity and status of an E-way Bill by entering the E-way Bill number. It provides complete details such as source and destination PIN codes, vehicle information, and validity timelines—helping transporters and logistics operators ensure regulatory compliance and timely goods movement.

7.2. Operational Flow

- Click on the **E-way Bill Validity** option.

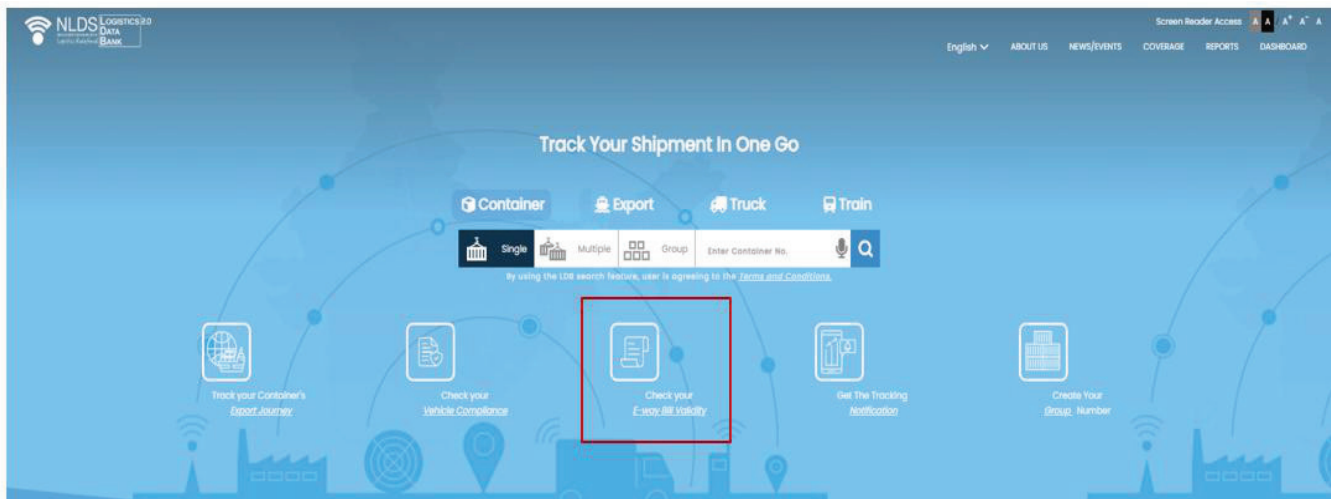


Fig 25 E-way Bill Validity

2. Enter the **E-way Bill Number** in the input field and click **Submit** to fetch details.

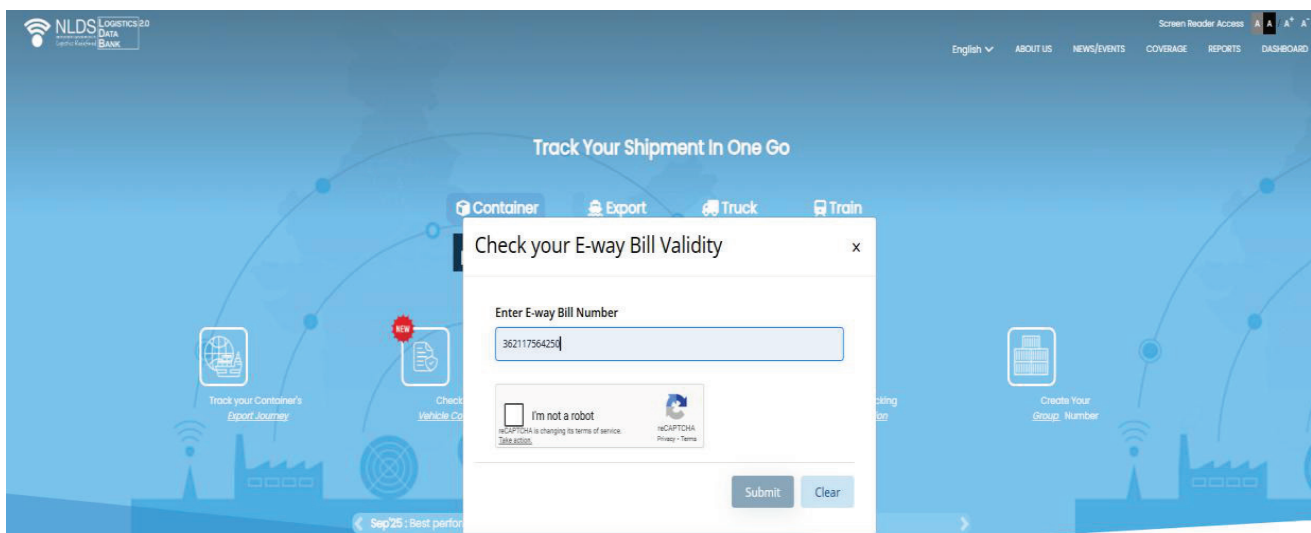


Fig 26 E-way Bill Validity

3. The system displays comprehensive E-way Bill information, including source and destination PIN codes, date and time of generation, validity period, status, transport mode, vehicle number, and the date and time of vehicle entry.

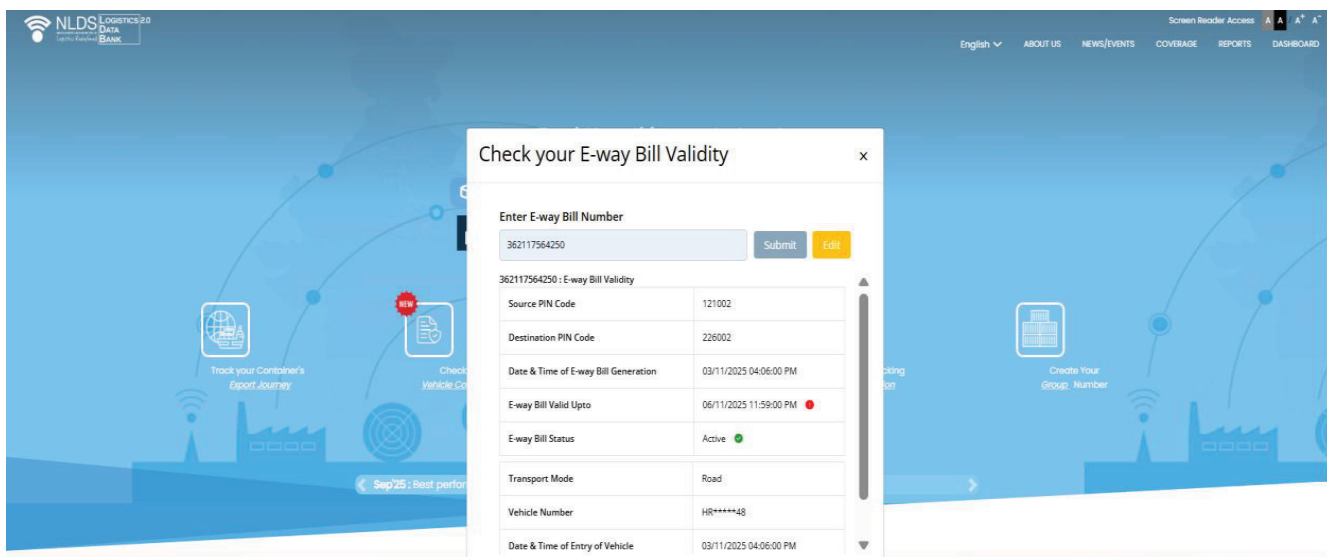


Fig 27 Checking E-way Bill Validity

8. Get the Tracking Notification

8.1. Overview

This module is used for registering alerts to receive notifications related to the Group Number/Container Number on the specified mobile number or email address.

8.2. Operational Flow

1. Click on “Get the tracking Notification on your Mobile/Email” icon on home page.

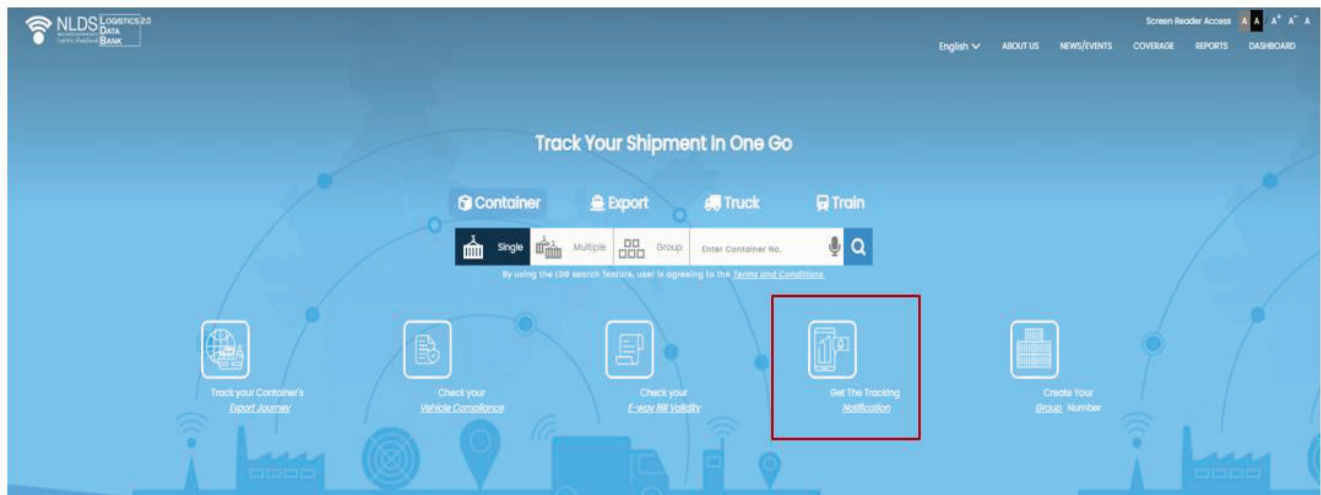


Fig 28 Registration for Notification

2. Enter the container number or group container number, along with the email address and mobile number where the notifications will be sent.

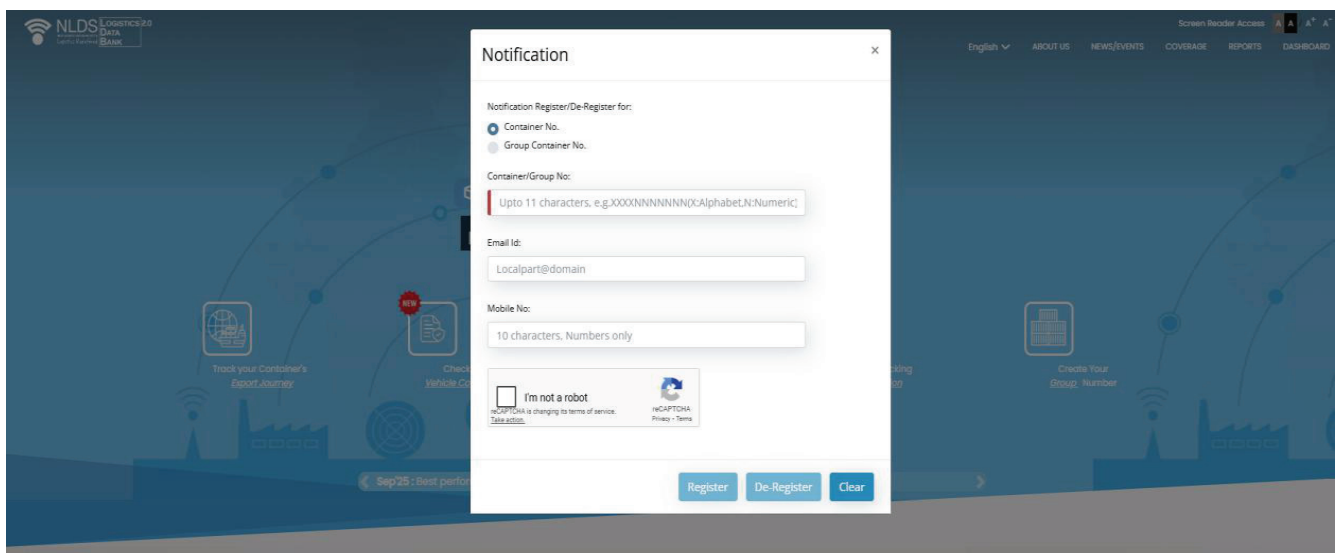


Fig 29 Registration for Notification with Container/Group No

3. Click on "Register" option for registering and click on "Deregister" for deregistering the notifications for the selected container or group container no.

9. Create your Group Number

9.1. Overview

This module allows users to group multiple containers for unified tracking and alert registration. By providing a single group number, users can track and register for notifications for all containers at once.

Once the group number is successfully created, users can track and receive alerts for all linked containers by simply entering the group number on the Container Search screen. The group remains valid until all transactions for the linked containers are completed.

9.2. Operational Flow

To open the Container Group Creation Screen:

1. Click on "Create your Group no." on home page.

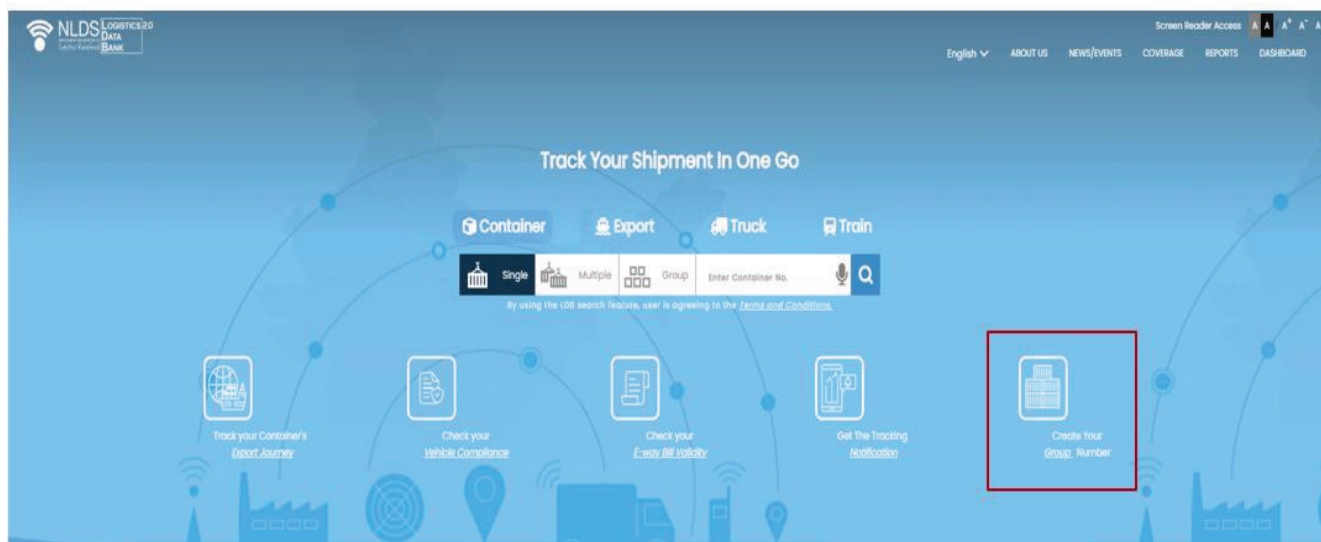


Fig 30 Creation of Group No

2. The "Container Group Creation" Screen will open in ADD mode.

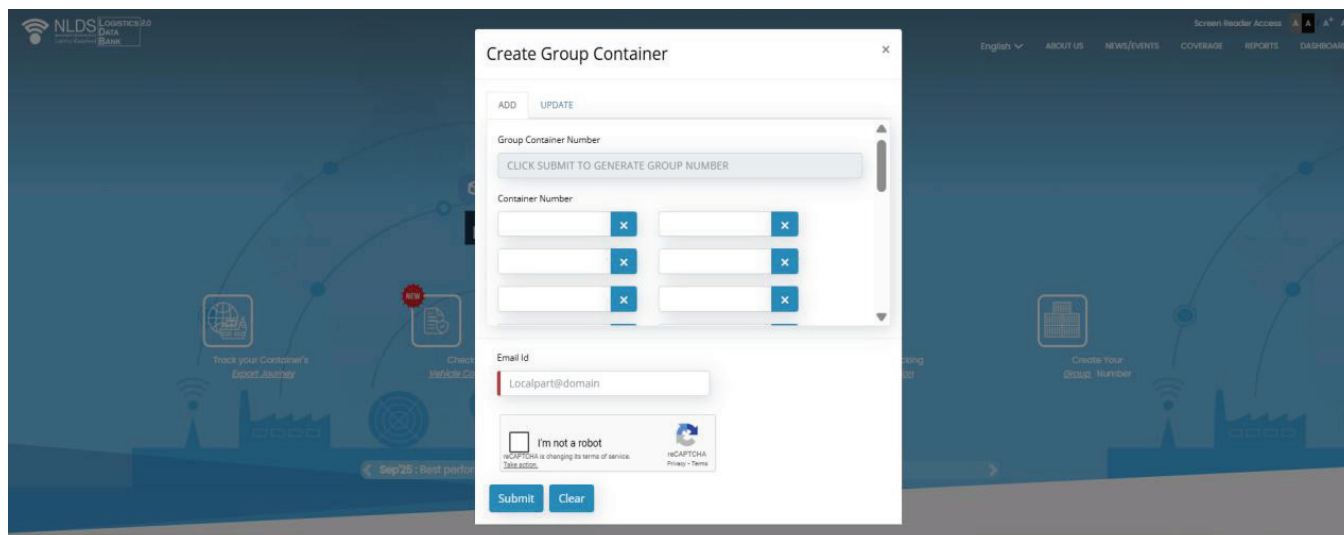


Fig 31 Adding of Container under the Group Number

3. Enter the valid Container Numbers to be linked with a Group no.
4. Enter the email id for receiving the group number details.
5. Click on "Submit" to generate a unique Group Number, which will be used to track the containers associated with that group. The Group Number, along with the linked Container Numbers, will be saved in the database.
6. User can also update the details of existing "Group number" by clicking on update icon.

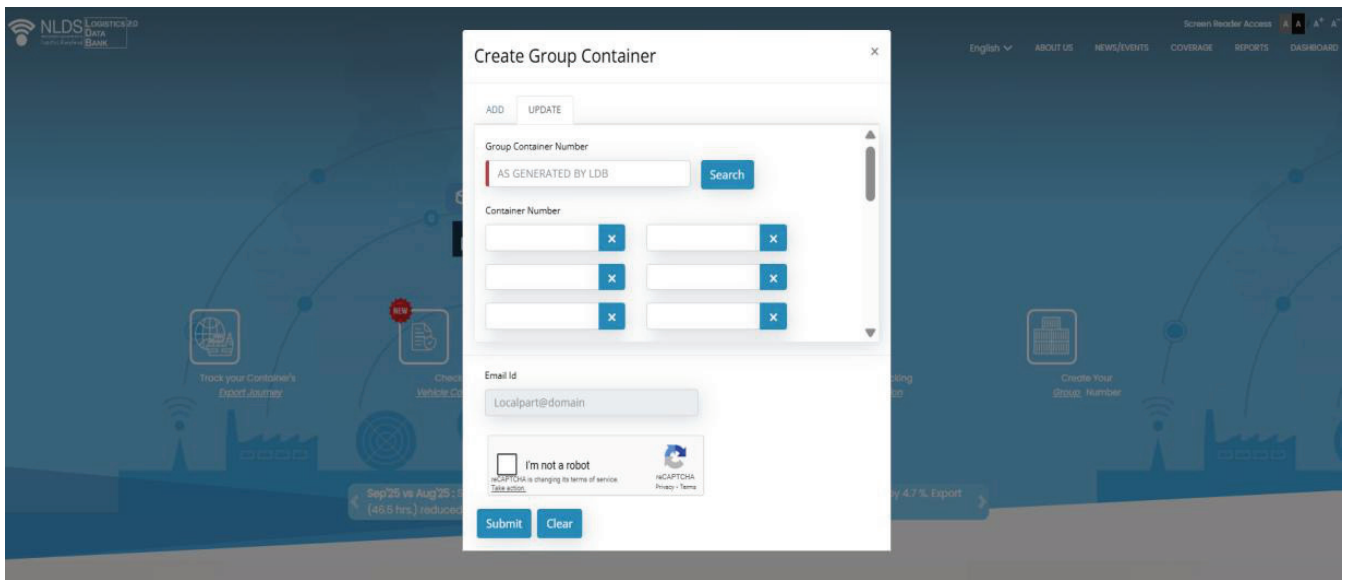


Fig 32 Searching Containers with Group Container Number

7. Enter the existing Group Number and click on Search Button
8. All Containers list which are grouped with the searched Group Number will be displayed

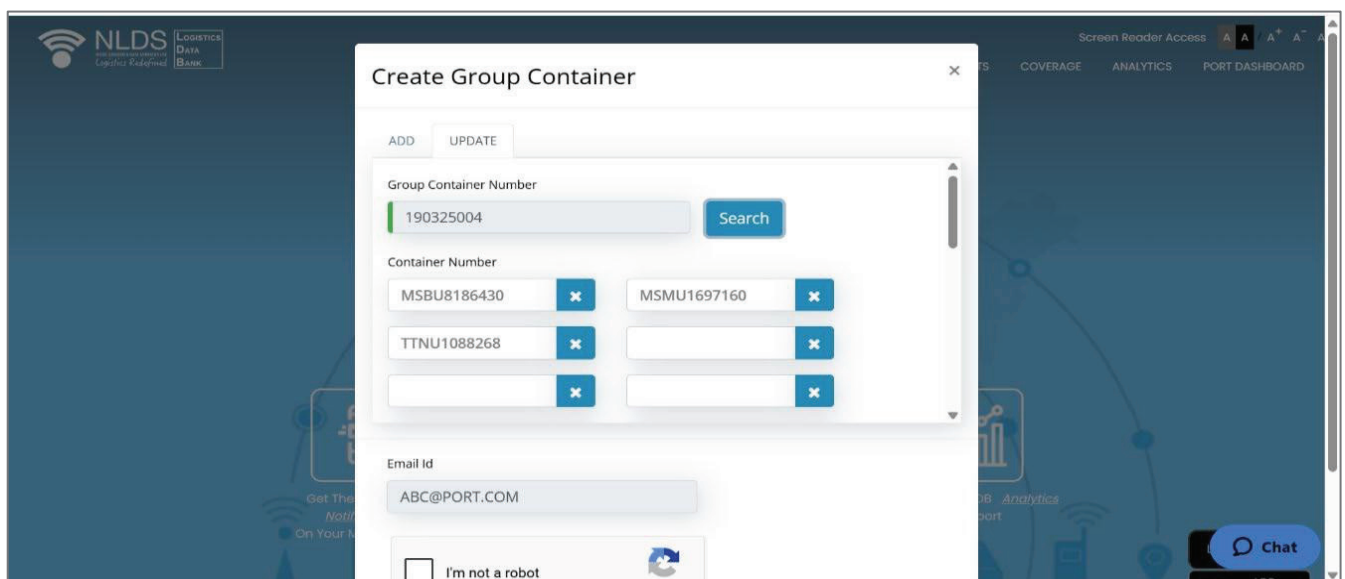


Fig 33 Container Numbers linked to Group Container Number

9. User can remove or add the containers linked to the "Group No."

10. Click on submit button to update the “Group No.”

10. Port Dashboard

10.1. Overview

The port dashboard provides a comprehensive view of logistics performance across ports, featuring key analyses such as dwell time analysis, transit time analysis, and container movement visibility across India.

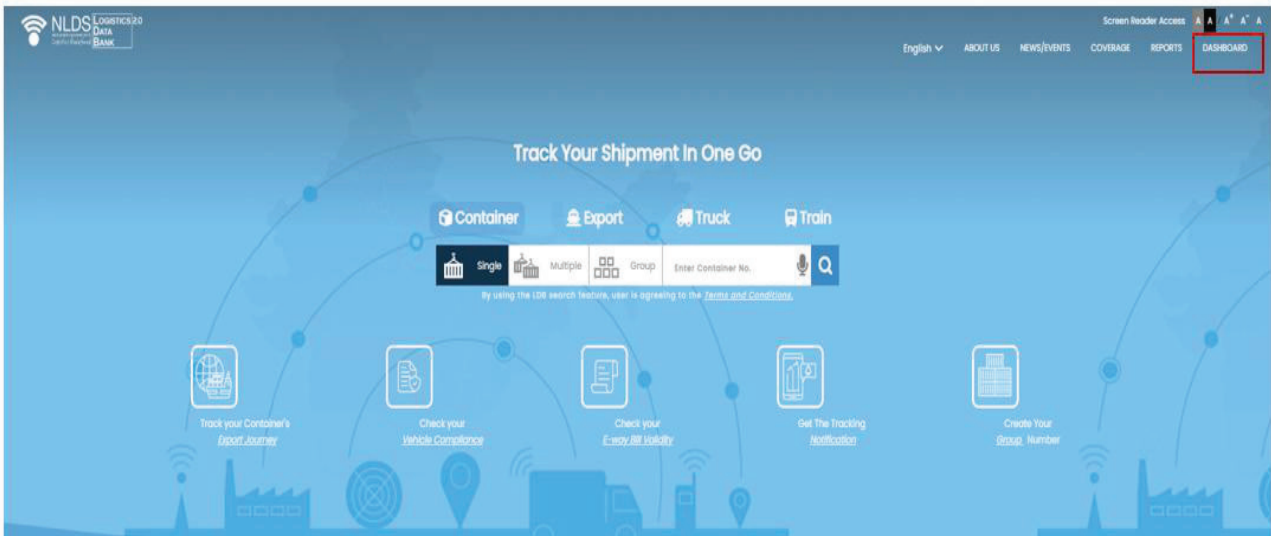


Fig 34 LDB Port Dashboard

10.2. Key Components of Dashboard

1. **Dwell time analysis:** Users can view the dwell time performance for the past month, quarter, and year across all ports, CFSs, ICDs, and parking plazas in a single view, covering both import and export logistics.

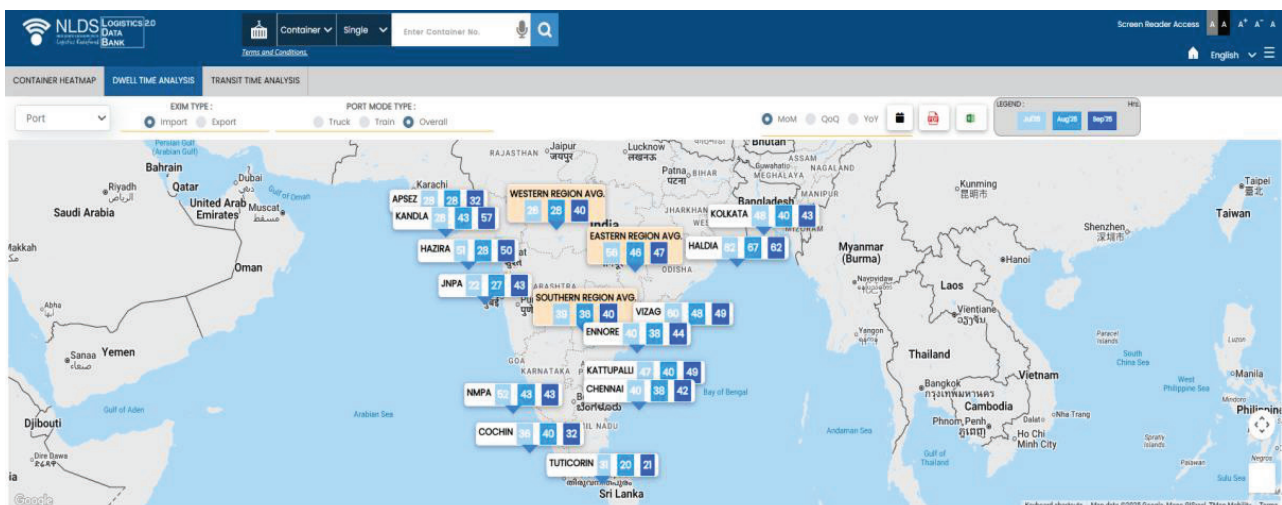


Fig 35 Dwell Time Analysis Dashboard

2. **Transit time analysis:** Users can view the transit time performance for the past month, quarter, and year for both import and export logistics.

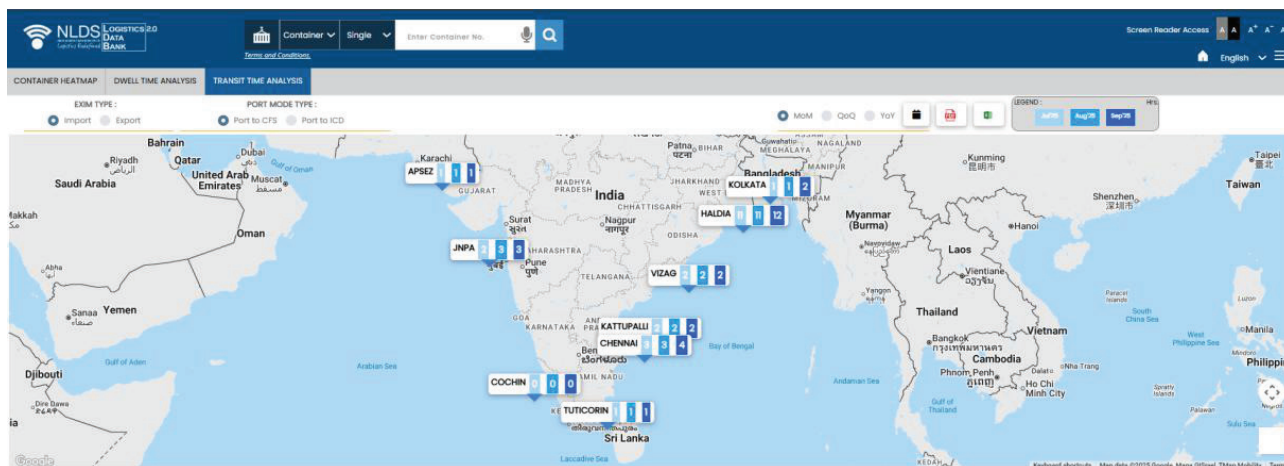


Fig 36 Transit Time Analysis Dashboard

3. **Container Heat Map:** It provides users with visibility into the distribution of containers across India. It highlights areas with the highest container movement.

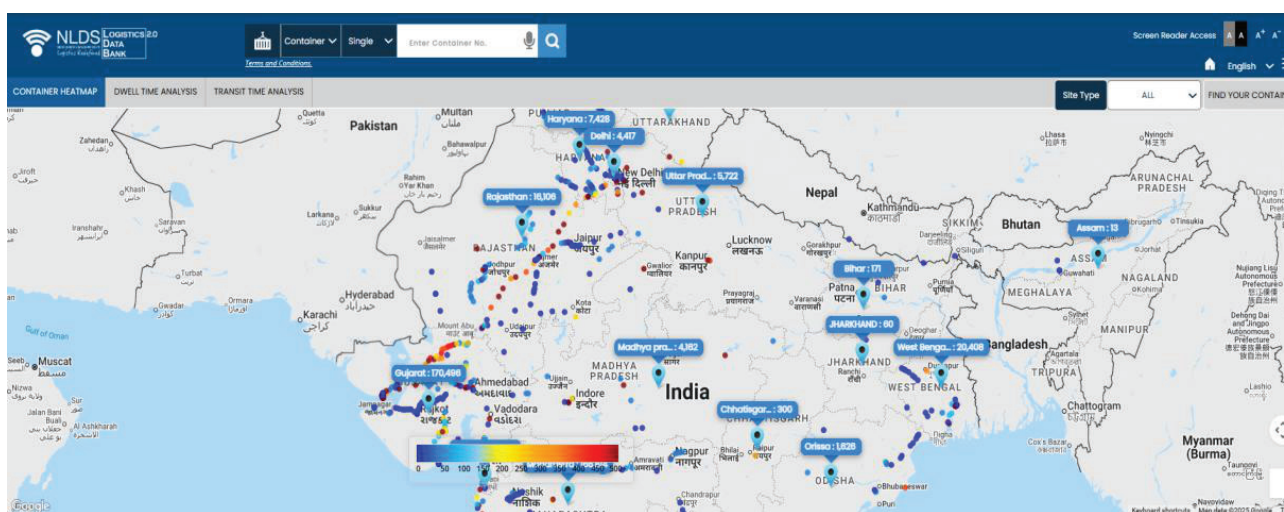


Fig 37 Container Heat Map Dashboard

11. Contact Form

11.1. Overview

Users can reach out to LDB helpdesk in case any support is required.

The contact form interface includes a list of recent news items on the left and a contact form on the right. The news items are dated 25 September 2024, 12 July 2024, 20 May 2024, and 17 May 2021. The contact form has fields for Name, Mobile Number, Organization Name, Email Id, and Message. It also includes a 'SEND MESSAGE' button and a 'Chat' button.

Fig 38 Contact Form



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