



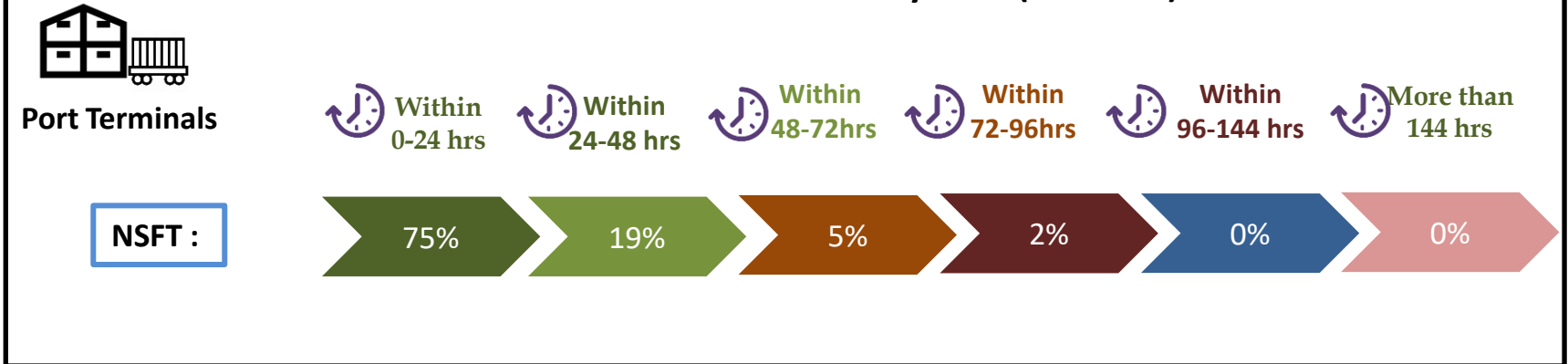
Port Terminals

The Port Dwell time for **NSFT terminal** for truck movement in import cycle is depicted below for Aug'23 and Sep'23.

Import Cycle –Average Dwell time (in Hrs) via Truck



Container Volume Handled : Day wise (via truck)

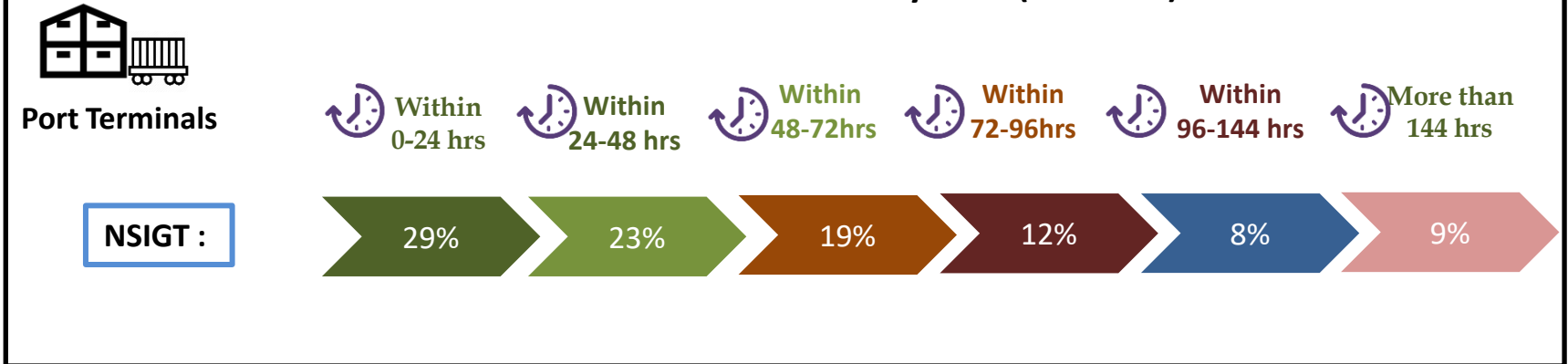


The Port Dwell time for **NSFT terminal** for truck movement in import cycle is depicted below for Aug'23 and Sep'23.

Import Cycle –Average Dwell time (in Hrs) via Train



Container Volume Handled : Day wise (via truck)

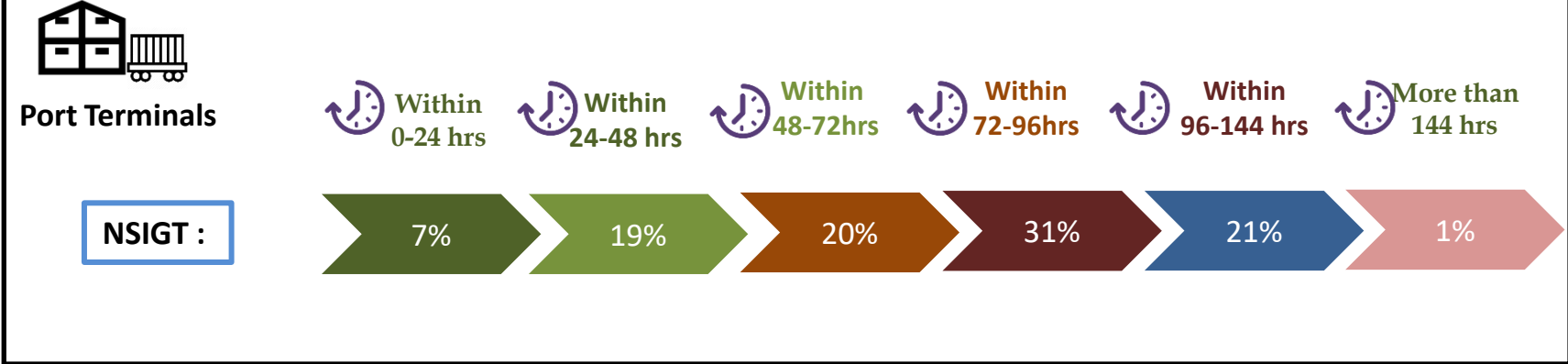


The Port Dwell time for **NSFT terminal** for truck movement in import cycle is depicted below for Aug'23 and Sep'23.

Export Cycle–Average Dwell time (in Hrs) via Truck



Container Volume Handled : Day wise (via truck)

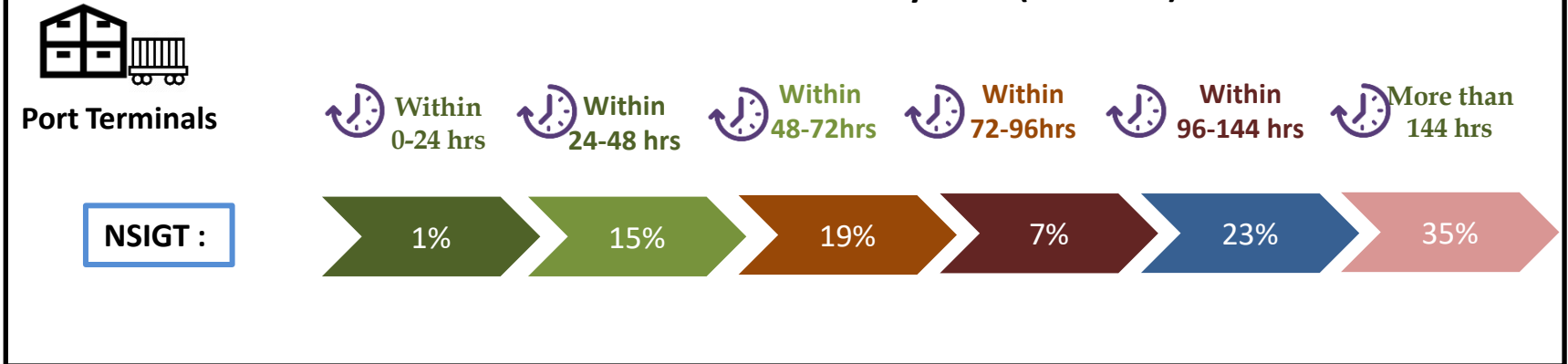


The Port Dwell time for **NSFT terminal** for truck movement in import cycle is depicted below for Aug'23 and Sep'23.

Export Cycle–Average Dwell time (in Hrs) via Train



Container Volume Handled : Day wise (via truck)



In order to assess the relative performance Port, Container Freight Station and Inland Container Depot ,the relative dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors.

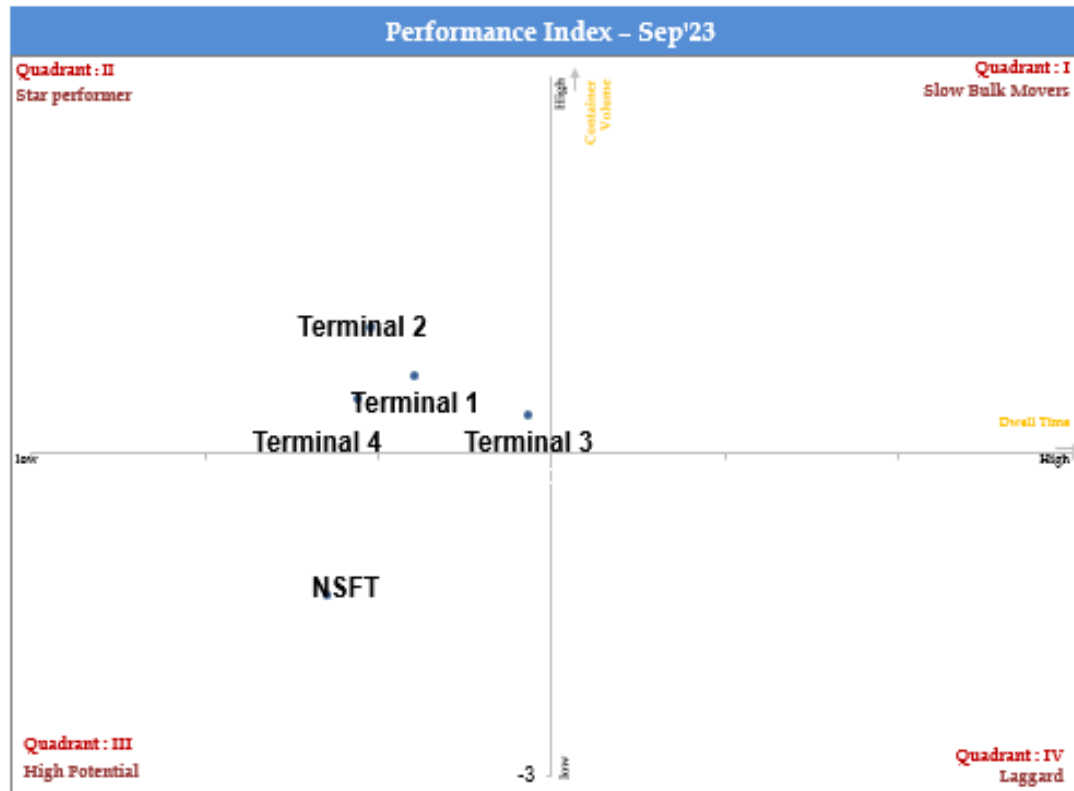
The figure depicts the Frequency Index i.e. volume by dwell time performance for JNPA Port terminals for Sep'23. The Quadrant II represents the high performing ports with high frequency Index i.e. high container volume at lower dwell time

Slow Bulk Movers : consist of Ports which have catered higher container volume at higher dwell time

Star Performer: consist of Ports which have catered relatively high container volume in lower dwell time

High Potential : consist of Ports which have catered relatively lower container volume in lower dwell time

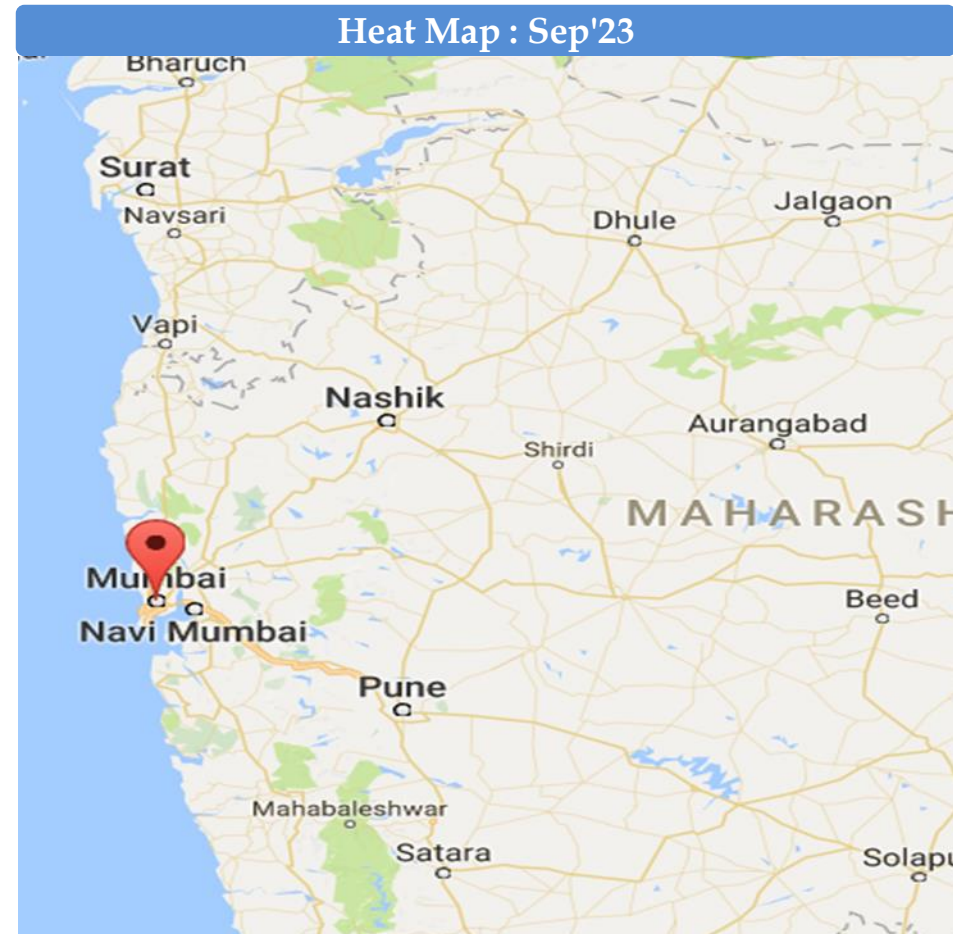
Quadrant IV : consist of Ports which have catered relatively lower container volume at higher dwell time



The heat map depicts the movement of containers in and around the Mumbai region.

HEAT MAP : NSFT Port Terminal

Region	Aug'23	Sep'23
Mumbai region	86%	81%
NH3	0%	0%
Pune	2%	4%
NH48	2%	5%
others	10%	10%



JNPA Region: Parking Plaza Dwell Time Analysis

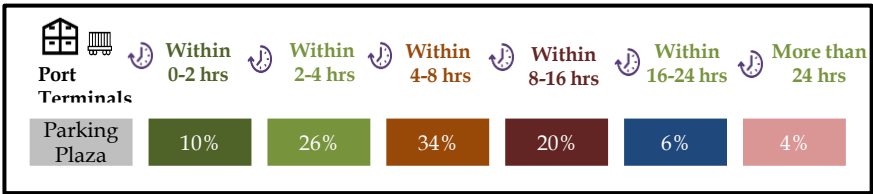
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPA Port Terminals and their volume bifurcation in export cycle



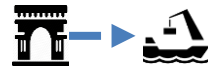
Parking Plaza Gate In - Gate Out

Mode	Aug'23 (in hrs)	Sep'23 (in hrs)
Overall Parking Plaza	5.26	5.25

Container Handled: Day wise (Sep'23)



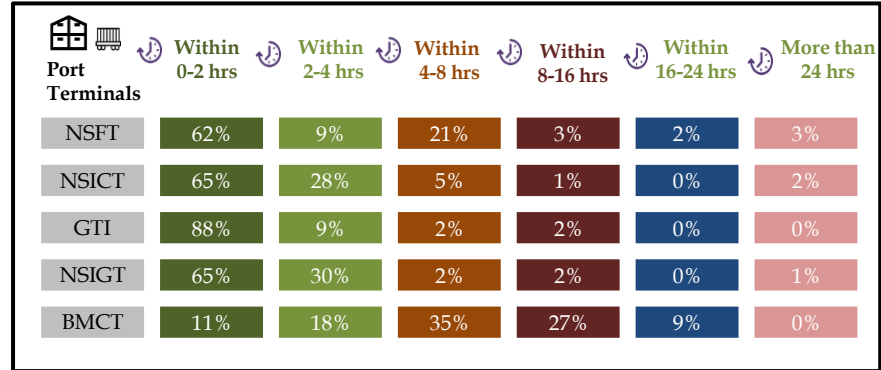
Parking Plaza Gate Out - Terminal In



Mode	Aug'23 (in hrs)	Sep'23 (in hrs)
Overall Parking Plaza to JNPA Port	1.62	1.70

Port	Aug'23 (in hrs)	Sep'23 (in hrs)
NSFT	1.5	1.3
NSICT	1.4	1.2
GTI	1.1	0.5
NSIGT	1.2	1.6
BMCT	7.2	6.6

Container Handled: Day wise (Sep'23)



CFS DELIVERY TIME ANALYSIS

CFS - AVERAGE DELIVERY TIME - NSFT TO ALL CFS's IN MUMBAI

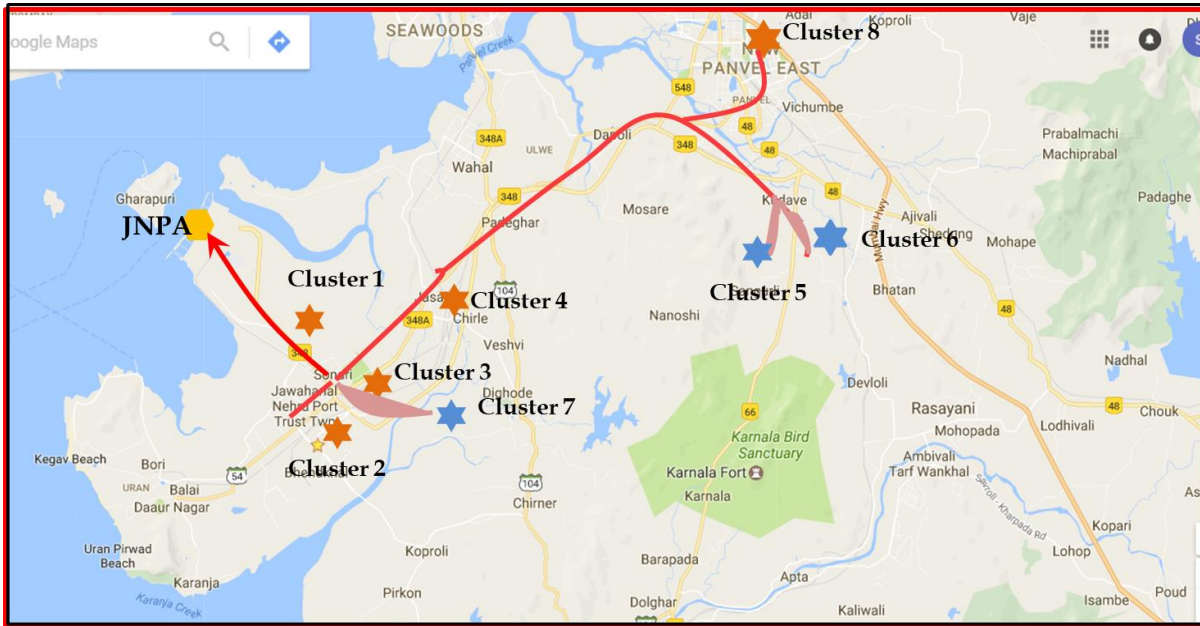
AVERAGE DELIVERY TIME (In Hrs)- NSIGT TO ALL CFS IN MUMBAI	
CFS	NSFT Sep'23
APM (Maersk India) CFS, Navi Mumbai	2.8
International Cargo Terminal CFS	1.5
Ameya Logistics CFS, Navi Mumbai	2.0
AllCargo Logistics	2.6
Kerry Indev Logistics Pvt Ltd CFS	1.7
Navkar Corporation Yard 3 CFS, Panvel	3.9
Seabird CFS, Navi Mumbai	3.3
Ashte Logistics CFS, Panvel	2.5
Dronagiri Rail Terminal CFS, Navi Mumbai	13.5
Navkar Corporation Yard 1 CFS, Panvel	3.1
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.0
Maersk Annex (APM)CFS, Navi Mumbai	2.4
Speedy Multimode CFS, JNPT	1.6
Apollo Logisolutions CFS, Panvel	3.0
Navkar Corporation Yard 2 CFS, Panvel	2.9
Punjab Conware CFS, Navi Mumbai	1.7
Vaishno Logistics CFS, Navi Mumbai	2.0
JWC Logistics Park CFS	2.2
SBW Logistics CFS, Navi Mumbai	3.3
Ocean Gate CFS, Panvel	2.5

Below table shows the delivery time in export cycle from the CFS's to NSFT PORT terminal

For Sep'23	
CFS Out Port in (Export Cycle in Hrs)	
CFS	NSFT
Gateway Distriparks CFS, Navi Mumbai	3.5
Punjab Conware CFS, Navi Mumbai	3.9
JWC Logistics Park CFS	4.8
Dronagiri Rail Terminal CFS, Navi Mumbai	2.6
Navkar Corporation Yard 2 CFS, Panvel	3.6
Vaishno Logistics CFS, Navi Mumbai	7.4
Speedy Multimode CFS, JNPT	2.8
Navkar Corporation Yard 3 CFS, Panvel	2.6
Ashte Logistics CFS, Panvel	3.9
SBW Logistics CFS, Navi Mumbai	-
Maharashtra State Corp CFS	3.5
International Cargo Terminal CFS	4.5
Seabird CFS, Navi Mumbai	3.1
Apollo Logisolutions CFS, Panvel	2.9
Ameya Logistics CFS, Navi Mumbai	3.2
AllCargo Logistics	3.1
Ocean Gate CFS, Panvel	4.6
International Cargo Terminals (ULA) CFS, Navi Mumbai	4.7
Kerry Indev Logistics Pvt Ltd CFS	2.9
APM (Maersk India) CFS, Navi Mumbai	3.1

JNPA Region: Congestion Analysis (Export Cycle)

The Below map indicate congestion around JNPA region in Export Cycle in month of Sep'23



Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 8	Taloja, Navi Mumbai

Clusters without bottleneck

CLUSTER 5	Plaspa area, Coach Kanyakumari Highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road

Note : 1) Congestion is measured w.r.t actual time taken to cover the respective distance between clusters and terminals
 2) Analysis consist of CFS covered under LDB project

Legends

- High Congestion
- Medium Congestion
- Low Congestion
- Cluster with bottleneck
- Cluster without bottleneck

GTI Terminal

Congestion Level
Export Cycle :-

JNPCT Terminal

Congestion Level
Export Cycle :-

NSICT Terminal

Congestion Level
Export Cycle :-

NSIGT Terminal

Congestion Level
Export Cycle :-

BMCT Terminal

Congestion Level
Export Cycle :-



THANK YOU