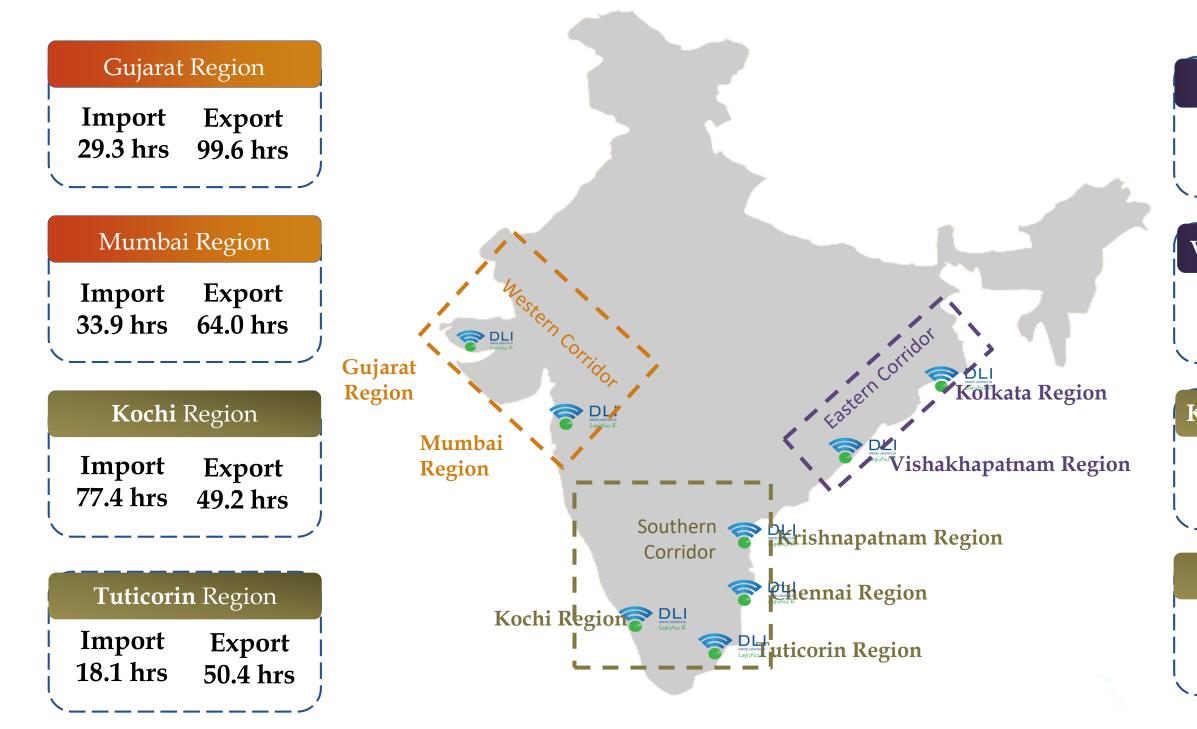
## Logistics Databank Analytics Report- April 2019







## PAN INDIA Performance Snapshot: April 2019 (Dwell Time)





## Kolkata Region Import Export 32.3 hrs 112.4 hrs Vishakhapatnam Region Import Export 46.0 hrs 62.8 hrs Krishnapatnam Region Import Export 129.2 hrs 100.7 hrs Chennai Region Import Export 34.2 hrs 70.8 hrs

## Executive Summary (1/2)

## Southern Corridor

- Import Cycle Port Dwell Time Performance at Chennai & Kochi Terminals decreased by 8% & 25% respectively
- Import Cycle Port Dwell Time Performance at Tuticorin Terminals improved by 12%

Import	Tuticorin	Kochi	Chennai
April 2019	18.1 hrs	77.4 hrs	34.2 hrs
March 2019	20.5 hrs	61.8 hrs	31.7 hrs

Export Cycle Port Dwell Time performance at Kochi & Tuticorin Terminal has improved by 14% & 6% respectively ٠

Export	Kochi	Tuticorin
April 2019	49.2 hrs	50.4hrs 69
March 2019	57 hrs	53.5hrs

## **Eastern Corridor**

- Export cycle port dwell time performance at Kolkata has improved by 24% •
- However, Import Cycle Port Dwell Time performance at Vishakhapatnam Terminals has decreased by 45% •

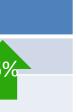
Month	Kolkata- Export Cycle	Vishakhapatnam- Import C
April 2019	112.4 hrs	46 hrs
March 2019	147.5 hrs	31.7 hrs 45















## Executive Summary (2/2)

## Western Corridor (JNPT & Gujarat)

- Import Dwell time performance at Western corridor has decreased by 15%, due to decrease in performance in rail bound container handling
- Rail Bound Container handling performance in Import cycle at Western corridor has decreased by 53%, as majority of containers(58%) were handled after 2 days

Dwell Time	Import – Overall	Import- Rail
April 2019	32.2 hrs	61.9 hrs
March 2019	28.0 hrs	40.4 hrs 53%

## **Gujarat Port Terminals (Adani Ports Special Economic Zone)**

Rail Bound Container handling performance in Import cycle at	Gujarat	Rail Container Ha
Gujarat Port has decreased by 44%, as majority of	April 2019	
containers(69%) were handled after 2 days	March 2019	

### Jawaharlal Nehru Port Terminals

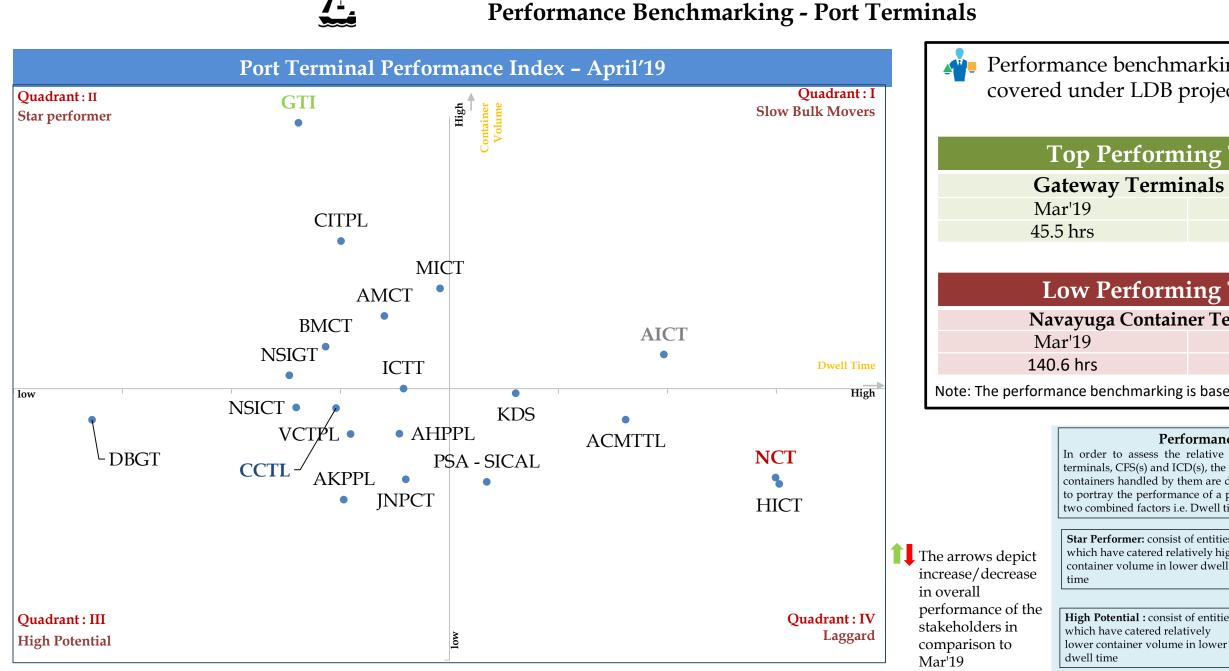
- Import Dwell time performance at JNPT Port has decreased by 24%
- Also, Rail bound container handling performance is decreased by 26%
- However Export cycle port performance has improved by 6%

JNPT	Import – Overall	Import-Rail bound	Expor
April 2019	33.9 hrs	50.9hrs	e
March 2019	27.3 hrs 24%	40.4 hrs 26%	68



# Iandling performance- import 104.6 72.4 ort - Overall 64 hrs 68.1 hrs

## Pan India - Port Performance Benchmarking & Performance Index





narking for Port Terminals project for April'19		
ing Terminal		
nals India (GTI)		
April'19		
47.1 hrs 📕		
ing Terminal		
er Terminal (NCT)		
April'19		
119.6 hrs 1		
is based on performance index		

#### **Performance Index- Summary**

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), 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 i.e. Dwell time and Volume

t of entities latively high ower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
atively	<b>Laggard</b> : consist of entities which have catered relatively lower

container volume at higher dwell time

## Container Transportation Performance - Western Corridor

	Ро	ort Dwell Time	
IMPORT	Mode	Mar'19 (in hrs)	April'19 (in hrs)
MP	Overall	28.0	32.2
	Truck	25.8	29.3
	Train	40.4	61.9

## Container Freight Stations(CFS)/Inland Container depots(ICD) – Dwell Time



Entity	Mar'19 (in hrs)	April'19 (in hrs)
CFS	81.2	89.4
ICD	134.3	138.2

Mode	Mar'19 (in hrs)	April'19 (in hrs)
Overall	84.7	78.3
Truck	82.7	76.2
Train	97.8	90.7

XPOR



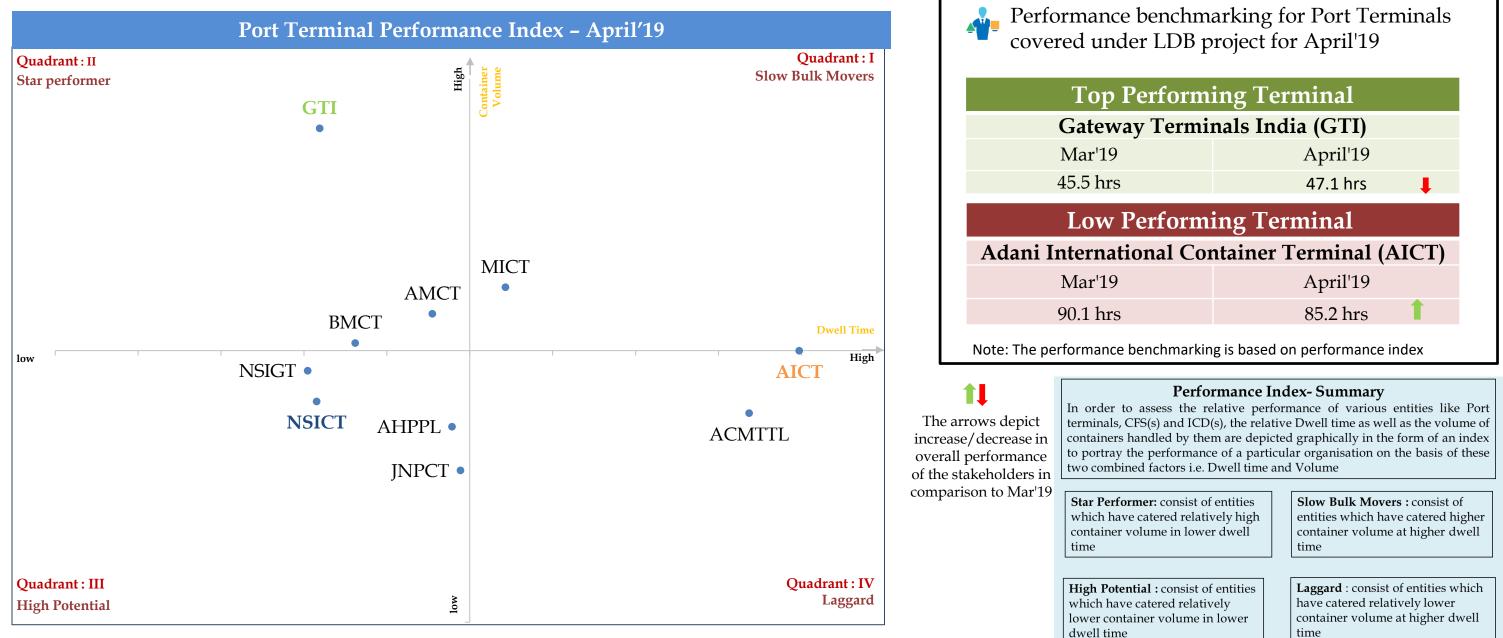
The marked entries showcase increase in performance in comparison to Mar'19

The marked entries showcase decrease in performance in comparison to Mar'19

## Port Performance Benchmarking & Performance Index - Western Corridor



#### **Performance Benchmarking - Port Terminals**





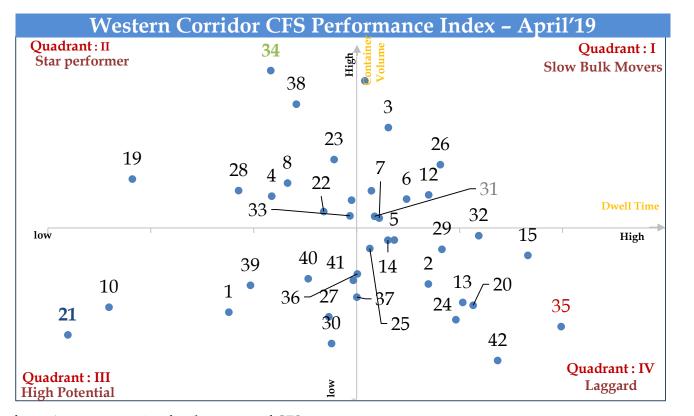


nsist of entities l relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

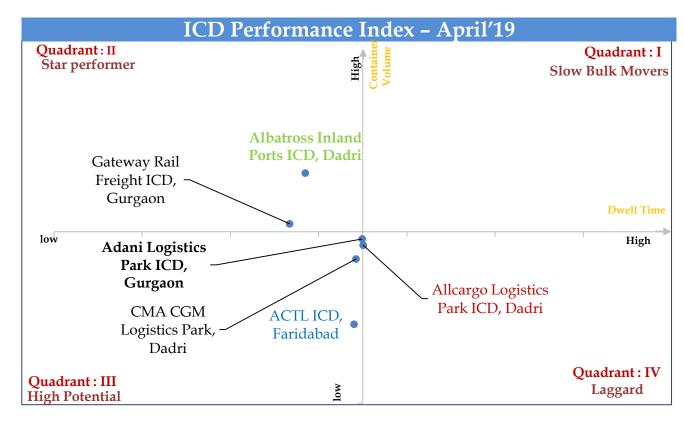
## CFS/ICD Performance Benchmarking & Performance Index - Western Corridor



The arrows depict increase/decrease in overall performance of the stakeholders as compared to Mar'19



Kindly refer to Annexure section for the names of CFS





## Container Transportation Performance - Southern Corridor

	Pe	ort Dwell Time	
IMPORT	Mode	Mar'19 (in hrs)	April'19 (in hrs)
IMP	Overall	35.4	37.8
	Truck	35.7	37.8
	Train	26.1	35.1

### **Container Freight Stations(CFS)- Dwell Time**



Entity	Mar'19 (in hrs)	April'19 (in hrs)
CFS	91.9	104.0

Mode	Mar'19 (in hrs)	April'19 (in hrs)
Overall	68.8	63.8
Truck	69.2	63.5
Train	57.3	72.9

FXPOR



The marked entries showcase increase in performance in comparison to Mar'19

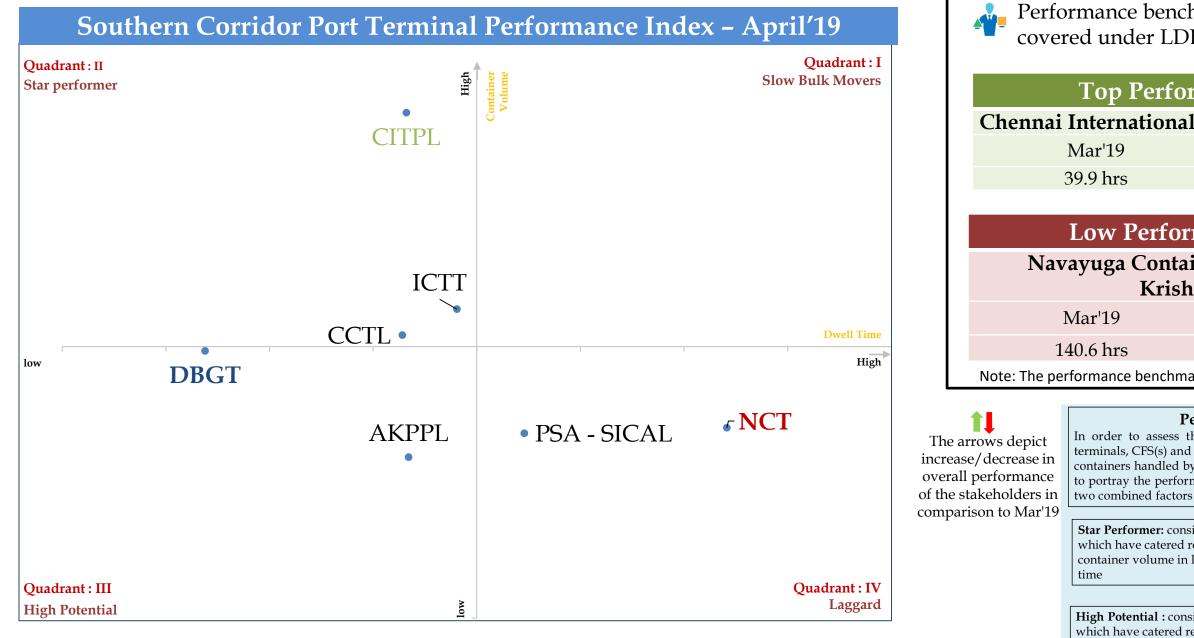
The marked entries showcase decrease in performance in comparison to Mar'19



## Port Performance Benchmarking & Performance Index - Southern Corridor



### **Performance Benchmarking - Port Terminals**



lower container volu dwell time





	hmarking for Port Terminals B project for April'19			
rm	ing Terminal			
l Terminals Pvt Ltd (CITPL)				
	April'19			
	51.0 hrs 📕			
rming Terminal				
iner Terminal (NCT) -				
nna	patnam			
	April'19			
	119.6 hrs 👔			
arkir	arking is based on performance index			

#### **Performance Index- Summary**

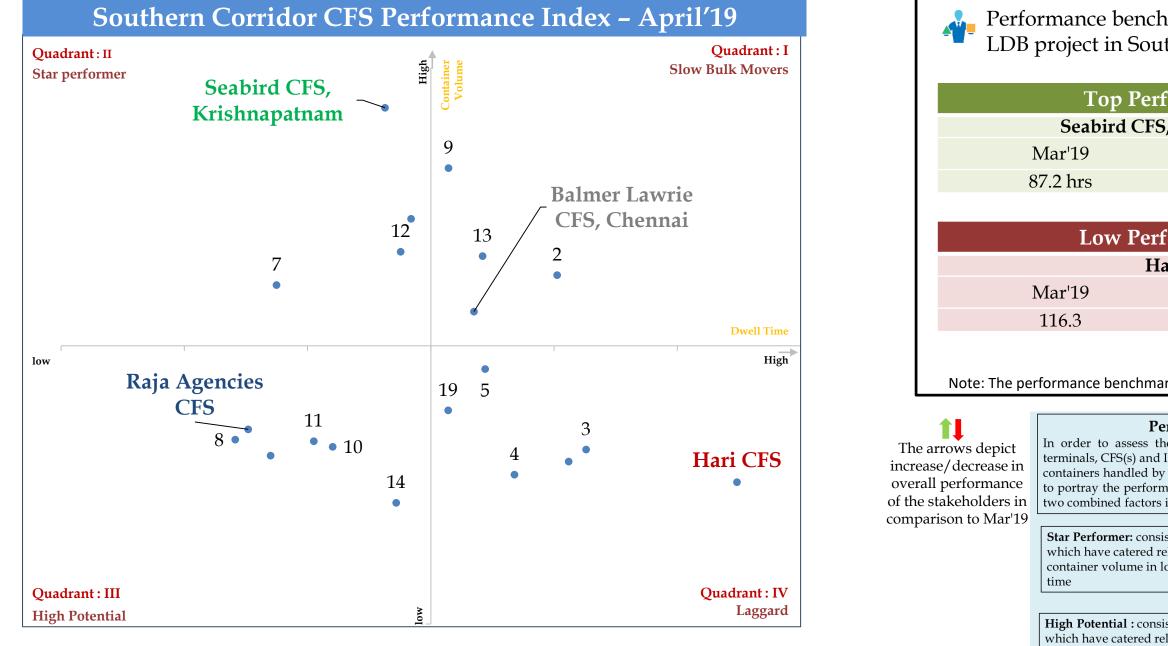
In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

nsist of entities I relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
nsist of entities relatively ume in lower	Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

## CFS Performance Benchmarking & Performance Index - Southern Corridor



**Performance Benchmarking - CFS** 







Performance benchmarking for CFS covered under LDB project in Southern Corridor for April'19

rfoi	cming CFS	
'S, K	Krishnapatnam	
	April'19	
	93.5 hrs	
rforming CFS		
Iari CFS		
	April'19	
	191.6 hrs	
arkir	ng is based on performance index	

#### **Performance Index- Summary**

lower container volu

dwell time

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), 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 i.e. Dwell time and Volume

nsist of entities I relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
nsist of entities relatively ume in lower	Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

## Container Transportation Performance - Eastern Corridor

Port Dwell Time				
IMPORT		Mode	Mar'19 (in hrs)	April'19 (in hrs)
MP		Overall	47.1	44.1
		Truck	45.8	43.4
		Train	198.8	126.5

## **Container Freight Stations(CFS)- Dwell Time**



Entity	Mar'19 (in hrs)	April'19 (in hrs)
CFS	119.1	136.3

Mode	Mar'19 (in hrs)	April'19 (in hrs)
Overall	136.4	96.0
Truck	134.6	94.4
Train	149.3	112.9

XPOR



The marked entries showcase increase in performance in comparison to Mar'19

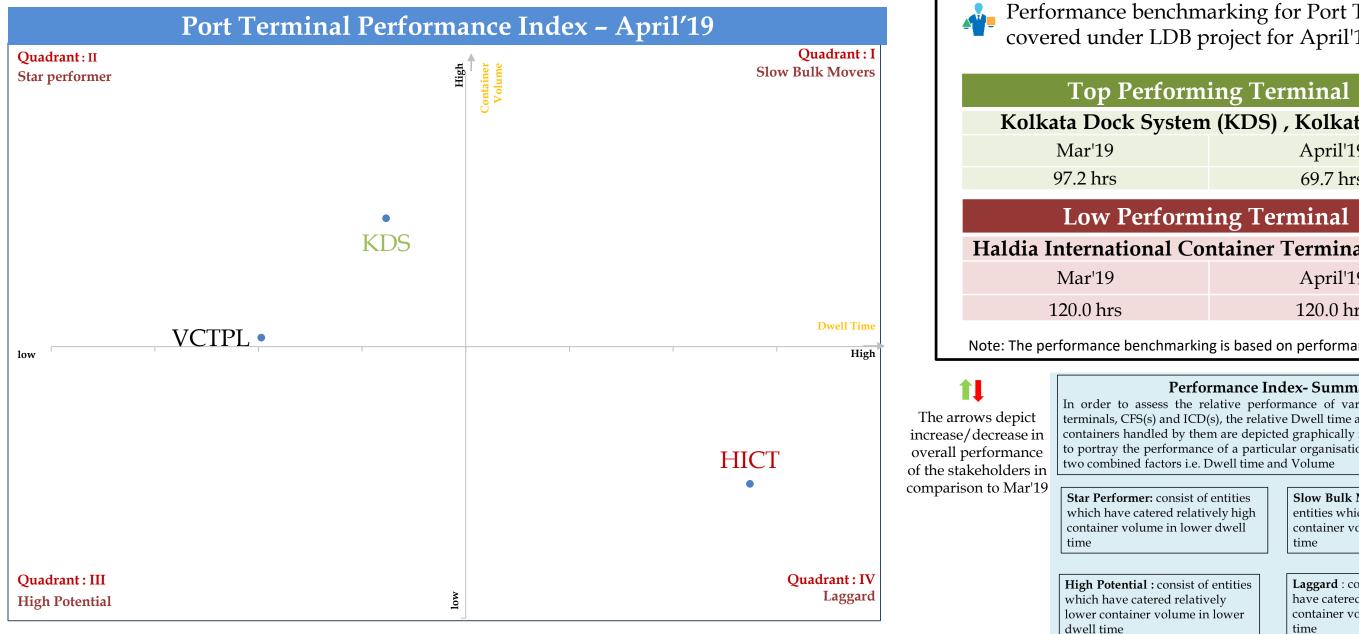
The marked entries showcase decrease in performance in comparison to Mar'19



## Port Performance Benchmarking & Performance Index - Eastern Corridor



#### **Performance Benchmarking - Port Terminals**





	chmarking for Port Terminals OB project for April'19		
orm	orming Terminal		
stem	tem (KDS) , Kolkata Port		
	April'19		
	69.7 hrs 1		
orming Terminal			
<b>Container Terminal (HICT)</b>			
	April'19		
	120.0 hrs		
narking is based on performance index			

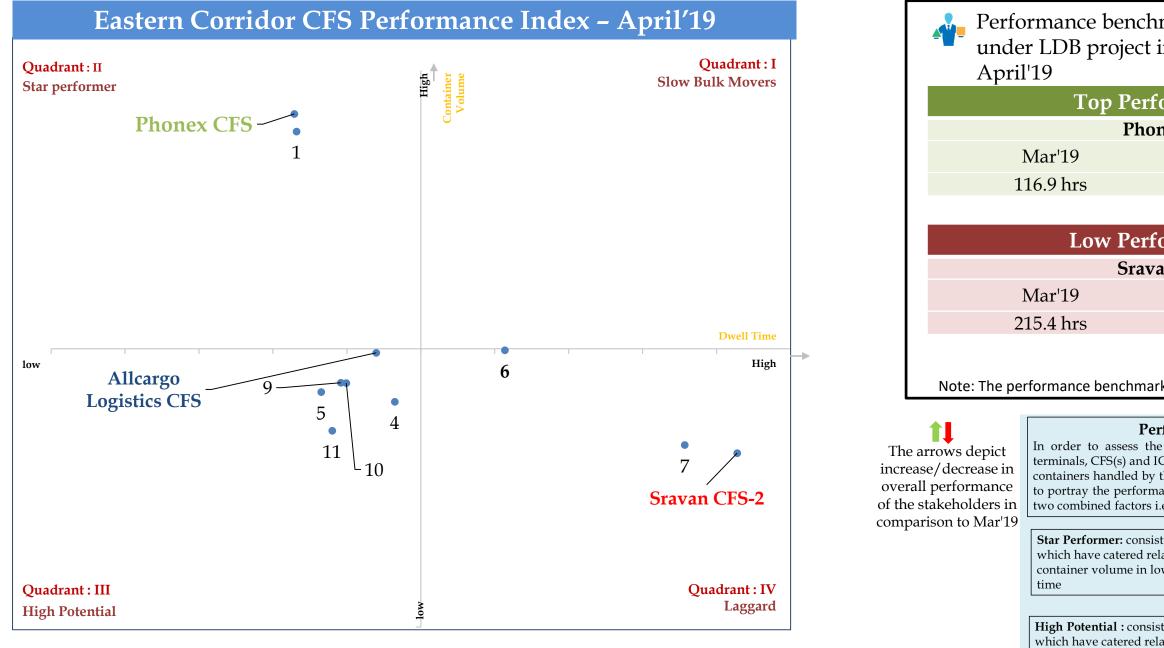
#### **Performance Index-Summary**

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), 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 i.e. Dwell time and Volume

nsist of entities l relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
nsist of entities relatively ume in lower	<b>Laggard</b> : consist of entities which have catered relatively lower container volume at higher dwell time

## CFS Performance Benchmarking & Performance Index - Eastern Corridor

**Performance Benchmarking - CFS** 



lower container volu dwell time



## Performance benchmarking for CFS covered under LDB project in Eastern Corridor for

rforming CFS		
one	ex CFS	
	April'19	
	123.2 hrs	
foi	rming CFS	
van	CFS-2	
	April'19	
	203.6 hrs 📋	
narking is based on performance index		

#### **Performance Index- Summary**

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), 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 i.e. Dwell time and Volume

nsist of entities relatively high n lower dwell	<b>Slow Bulk Movers :</b> consist of entities which have catered higher container volume at higher dwell time
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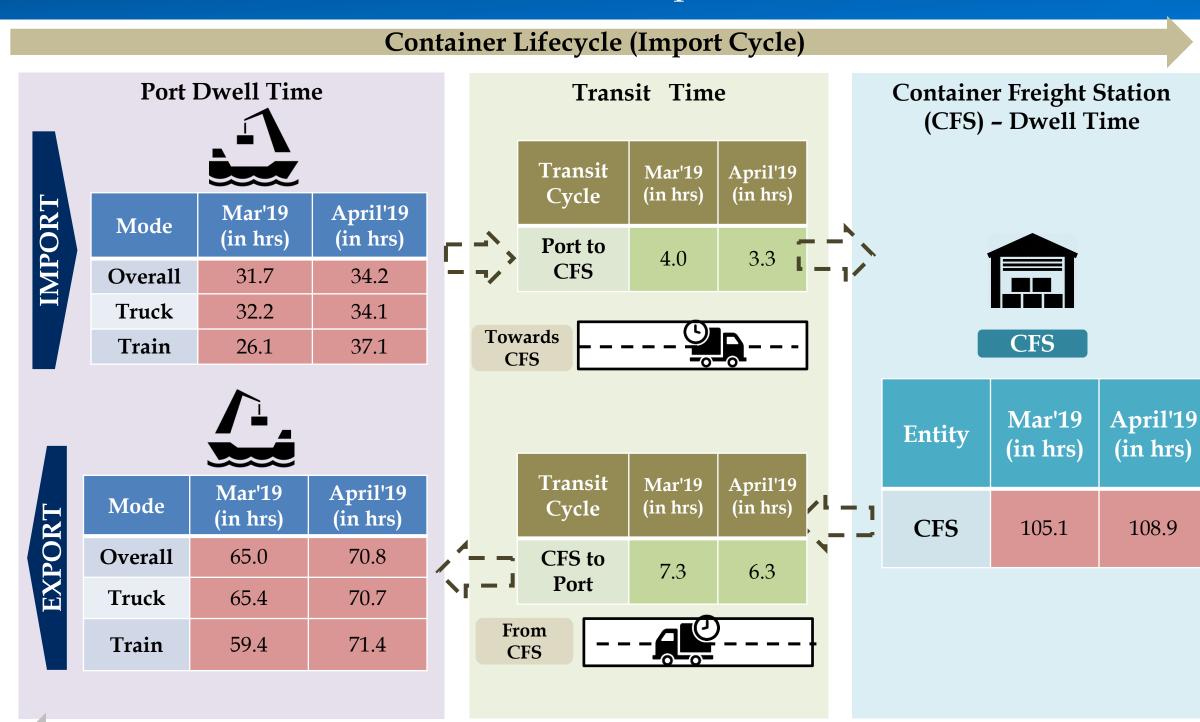
## Annexure



## Individual Terminal Performance In Southern Corridor



## Chennai Port Terminals: Container Transportation



**Container Lifecycle (Export Cycle)** 



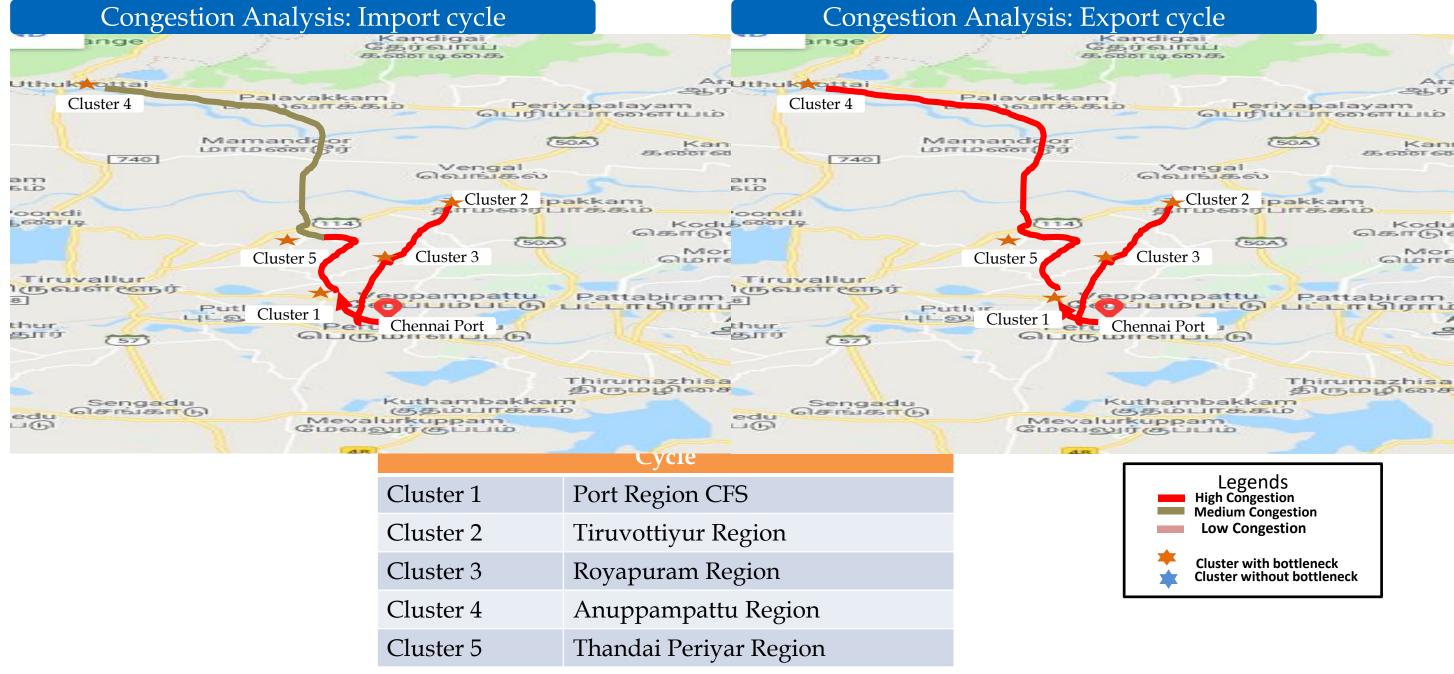
#### The marked entries showcase the increase in performance as compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19



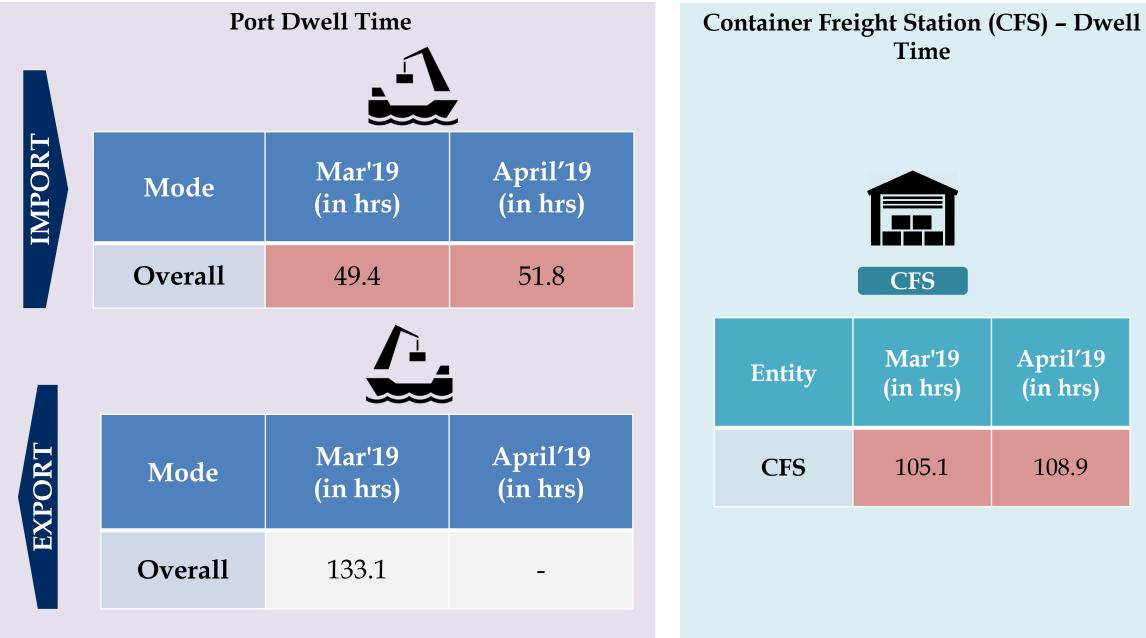
## **Chennai Port Terminals: Congestion Analysis**

Congestion analysis in both the cycles around Chennai region port shows high congestion in route between CFS(s):





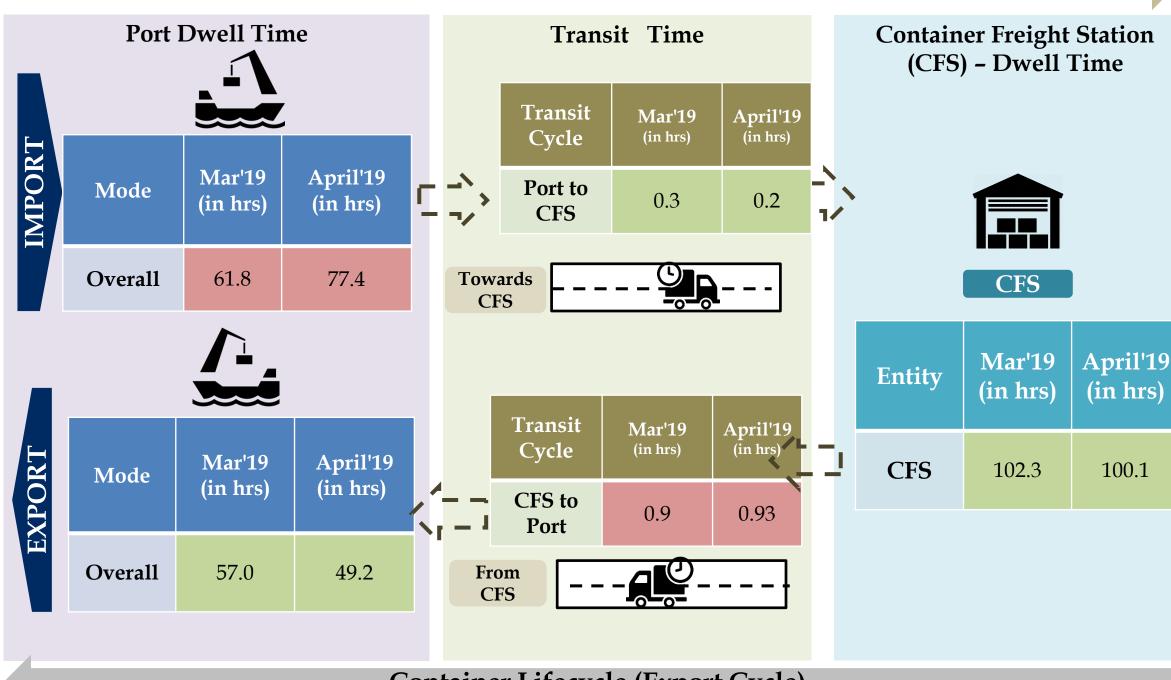
## Kattupali Port Terminal: Container Transportation





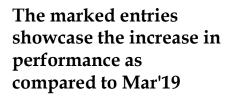
## Kochi Port Terminal: Container Transportation

## **Container Lifecycle (Import Cycle)**



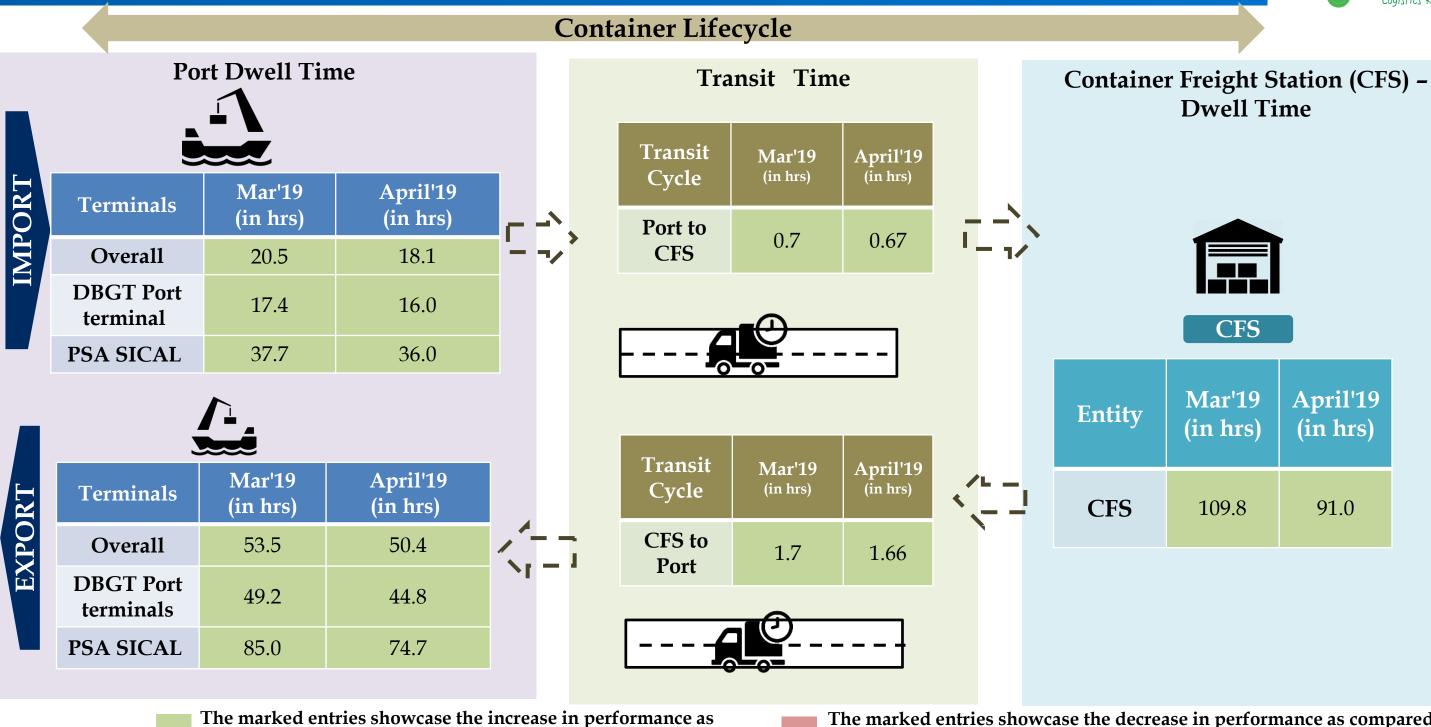
**Container Lifecycle (Export Cycle)** 





The marked entries showcase the decrease in performance as compared to Mar'19

## Tuticorin Port Terminal: Port Dwell Time Performance

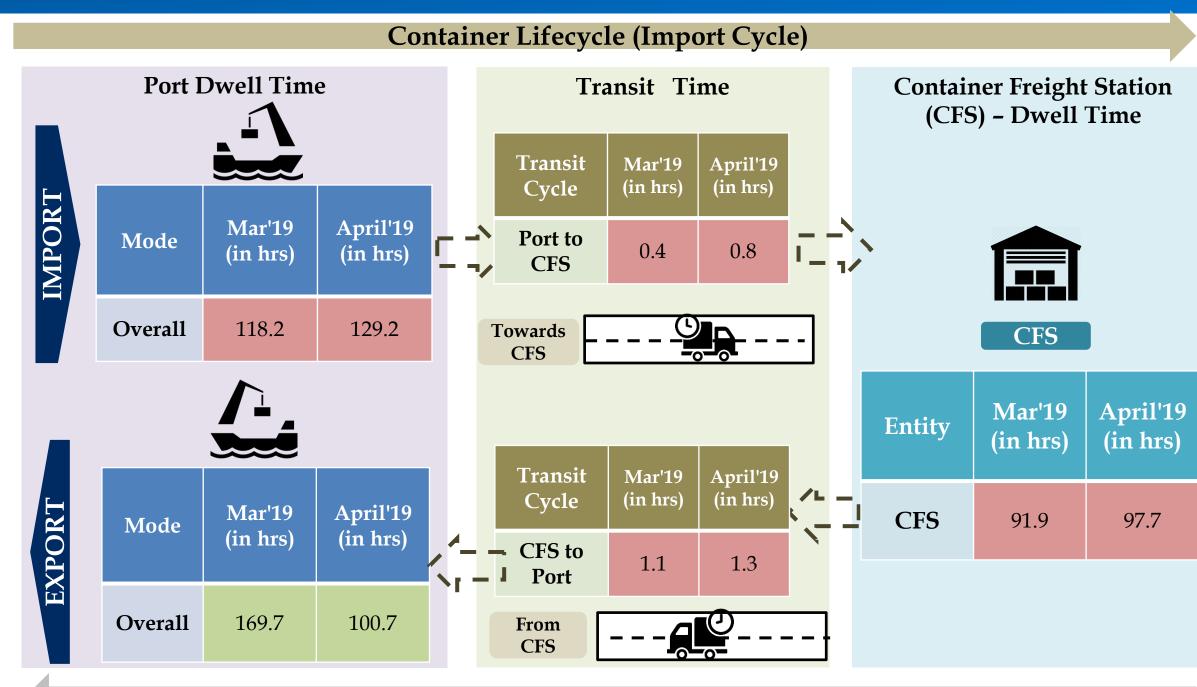


compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19



## Krishnapatnam Port Terminal: Container Transportation



## **Container Lifecycle (Export Cycle)**

\* According to port the export dwell time is 73.6 hrs, the difference here is because of high number of containers destuffing at the port terminal yard The Dwell time published here is of the actual container movement at the port terminals not of the cargo movement.



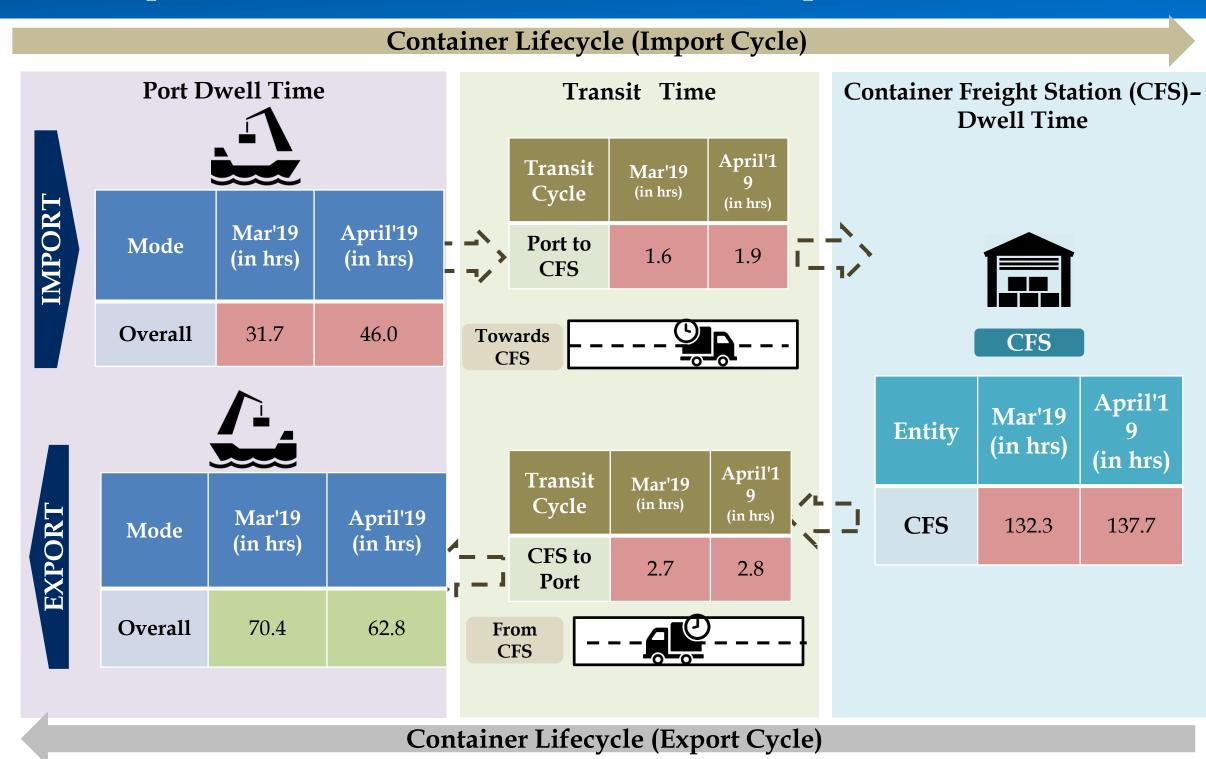
#### The marked entries showcase the increase in performance as compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19

## Individual Terminal Performance In Eastern Corridor



## Vishakhapatnam Port Terminal: Container Transportation

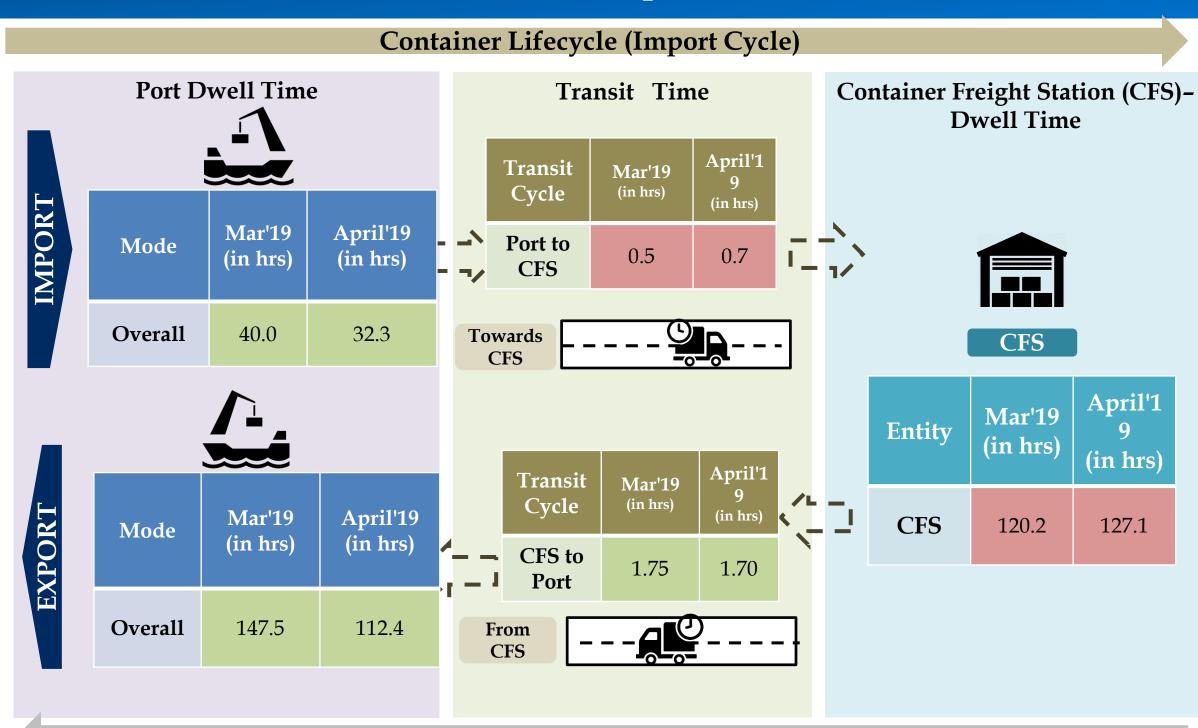




#### The marked entries showcase the increase in performance as compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19

## Kolkata Port Terminal: Container Transportation



**Container Lifecycle (Export Cycle)** 

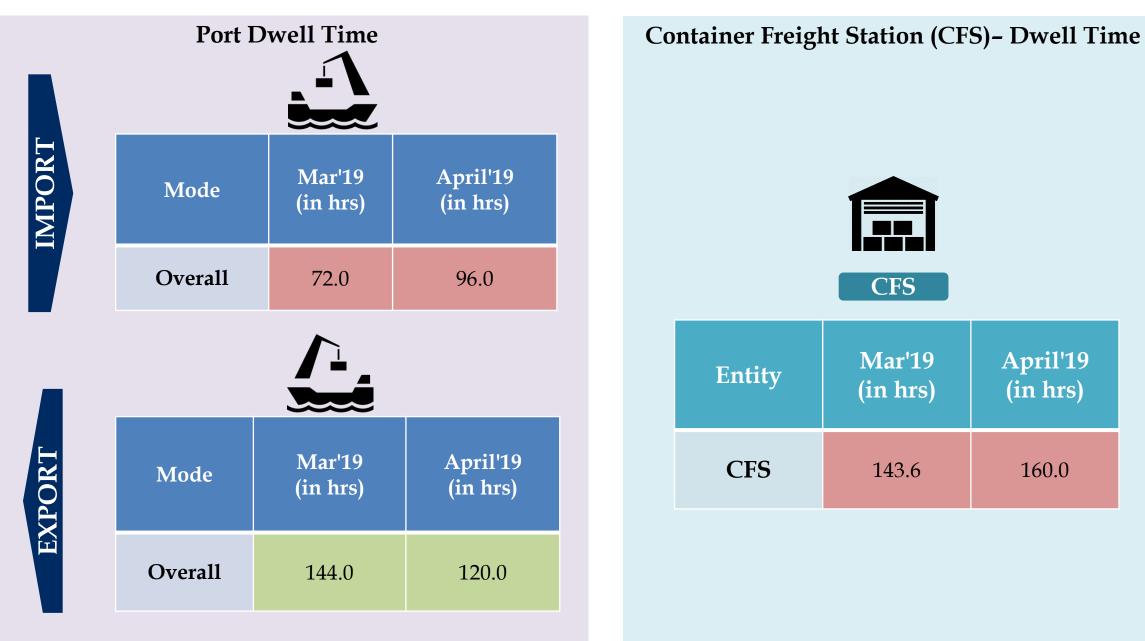


#### The marked entries showcase the increase in performance as compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19

Note: Port Dwell Time at Kolkata Port Terminals is been calculated on the basis of all the containers including Nepal Bound containers

## Haldia Port Terminal: Container Transportation







The marked entries showcase the increase in performance as compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19



## Individual Terminal Performance In Western Corridor



## Container Transportation- JNPT Port Terminals

#### **Container Lifecycle (Import Cycle)** Port Dwell Time **Container Freight Station** Transit Time (CFS) / Inland Container **Towards** ICD **Depot (ICD) – Dwell Time** Station **Transit** Cycle Mar'19 April'19 April'19 Mode **Mar'19** IMPORT (in hrs) (in hrs) (in hrs) (in hrs) Port to ICD 75.6 69.3 **Overall** 27.3 33.9 Port to CFS 2.9 3.1 25.8 Truck 31.7 ICD **CFS** Train 40.4 50.9 Towards CFS Entity **Mar'19** April'19 From (in hrs) (in hrs) ICD **CFS** 78.3 87.7 Station April'19 Mode **Mar'19** April'19 Mar'19 **ICD** 134.3 138.2 Transit Cycle EXPORT (in hrs) (in hrs) (in hrs) (in hrs) ICD to **Overall 68.1 64.0** 63.5 60.2 Port Truck **68.0** 63.6 CFS to 6.6 6.9 Port 69.7 69.5 Train From CFS

**Container Lifecycle (Export Cycle)** 



#### The marked entries showcase the increase in performance as compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19



## Container Transportation- JNPT Port Terminals

IMPORT CYCLE DWELL TIME (April'19 – in hrs)				
	Overall Dwell Time of Truck and Train Bound Containers	33.9		
	Port Dwell Time for Truck Bound Containers	31.7		
	Port Dwell time for Train Bound Containers	50.9		
PORT DWELL TIME	Port Dwell time Direct Port Delivery (DPD) containers	68.6		
	Port Dwell time Containers bound for CFS	29.1		
	Port Dwell for Empty Containers	67.1		
	Port Dwell for Laden Containers	30.4		
	Port to ICD	75.6		
TRANSIT TIME	Port to CFS	3.1		

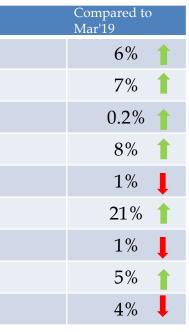
EXPORT CYCLE DWELL TIME (April'19- in hrs)					
	Overall Dwell Time of Truck and Train Bound Containers	64.0			
	Port Dwell Time for Truck Bound Containers	63.6			
	Port Dwell time for Train Bound Containers	69.5			
PORT DWELL TIME	Port Dwell time Direct Port Entry (DPE) containers	59.8			
	Port Dwell time Containers bound from CFS	64.2			
	Port Dwell for Empty Containers	59.0			
	Port Dwell for Laden Containers	65.4			
TD A NICIT TIME	ICD to Port	60.2			
TRANSIT TIME	CFS to Port	6.9			



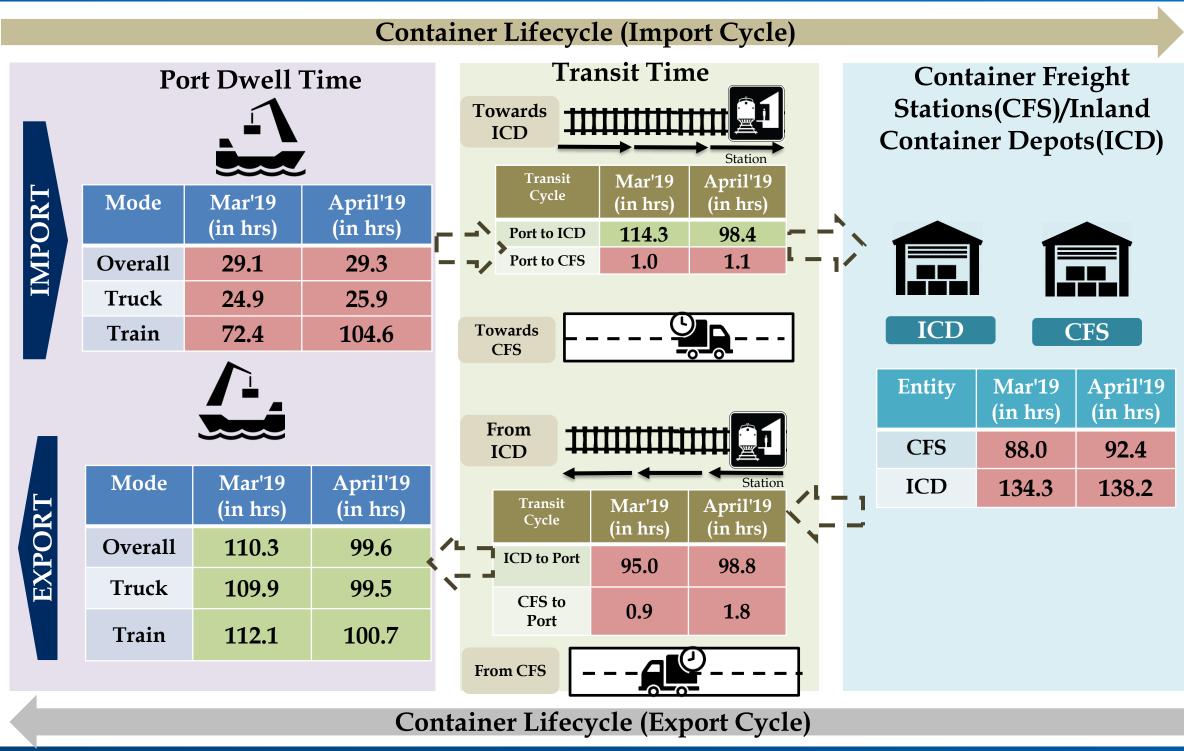
Compared to Mar'19		
24%	Ļ	
23%	Ļ	
26%	Ļ	
43%	Ļ	
31%	Ļ	
41%	Ļ	
25%	Ļ	
9%	Ļ	
7%	Ļ	
	Mar'19 24% 23% 26% 43% 31% 41% 25% 9%	

### 1

The arrows depict increase/decrease in performance of the stakeholders in comparison to Dec'18



## **Gujarat Port Terminals : Container Transportation**





#### The marked entries showcase the increase in performance as compared to Mar'19

The marked entries showcase the decrease in performance as compared to Mar'19



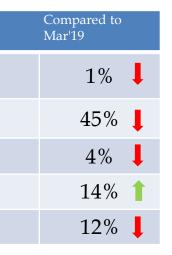
	IMPORT CYCLE DWELL TIME (April'19- in hrs)	
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	29.3
	Port Dwell Time for Train Bound Containers	104.6
	Port Dwell time for Truck Bound Containers	25.9
TRANSIT TIME	Port to ICD	98.4
	Port to CFS	1.1

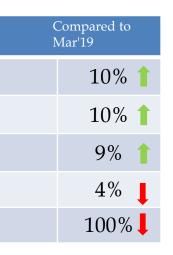
EXPORT CYCLE DWELL TIME (April'19- in hrs)				
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	99.6		
	Port Dwell Time for Train Bound Containers	100.7		
	Port Dwell time for Truck Bound Containers			
TRANSIT TIME	ICD to Port	98.8		
	CFS to Port	1.8		



The arrows depict increase/decrease in performance of the stakeholders in comparison to Mar'19





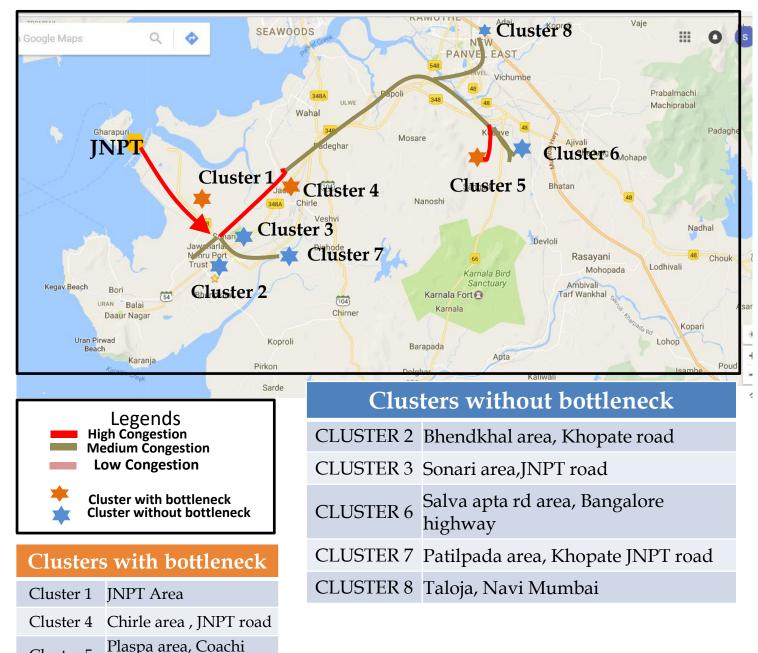


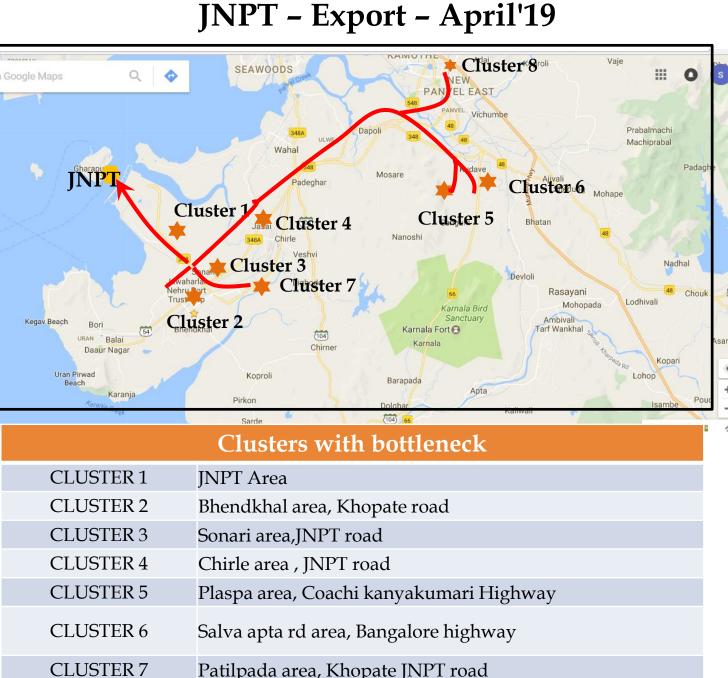
## JNPT Region: Congestion Analysis

Cluster 5

kanyakumari Highway

## JNPT – Import – April'19



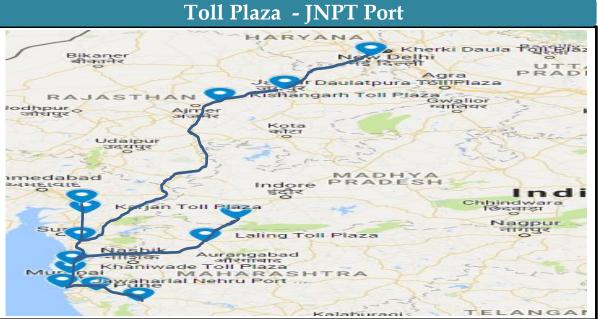


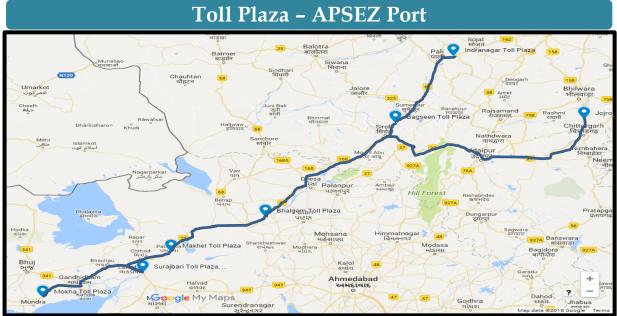
CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate
CLUSTER 3	Sonari area,JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coachi kanya
CLUSTER 6	Salva apta rd area, Banga
CLUSTER 7	Patilpada area, Khopate J
CLUSTER 8	Taloja, Navi Mumbai



## Western Corridor Toll Plaza Analysis

Avg. Speed between Toll Plazas					
	Source	Destination Toll Plaza	Inter Distance (Km)	Mar'19 (in km/hrs)	April'19 (in km/hrs)
	JNPT	Khaniwade	94	12.5	13.6
	JNPT	Khalapur	60	15.3	12.4
	Khaniwade	Charoti	50	38.8	37.1
ΓŢ	Charoti	Boriach	126	29.4	27.7
JNPT	Boriach	Bharthan	142	35.1	32.1
	Bharthan	Vasad	60	39.9	39.9
	Khalapur	Khedshivpur	105	29.4	25.7
	Daulatpura	Kherki	199	24.4	22.2
	APSEZ	Mokha	28	21.4	21.2
	Mokha	Makhel	150	26.5	25.0
APSEZ	Mokha	Surajbari	115	27.7	27.7
APC	Makhel	Bhalgam	108	39.0	37.5
	Bhalgam	Uthamam	209	30.2	28.4
	Uthamam	Indranagar	109	36.8	34.8







## Annexure – Western Region

## List of CFS name used in CFS Performance Index

1	Adani CFS Eximyard, Mundra

- 2 AllCargo CFS, Mundra
- 3 Ameya Logistics CFS, Navi Mumbai
- APM (Maersk India) CFS, Navi Mumbai 4
- 5 Apollo Logisolutions CFS, Panvel
- 6 Ashte Logistics CFS, Panvel
- 7 Ashutosh CFS, Mundra
- 8 Continental Warehousing CFS, Navi Mumbai
- 9 CWC Hind Terminal CFS, Navi Mumbai
- Dronagiri Rail Terminal CFS, Navi Mumbai 10
- 11 Gateway Distriparks CFS, Navi Mumbai
- 12 Hind Mundra Terminals CFS, Mundra
- 13 Hind Terminal CFS, Hazira
- 14 Honey Comb CFS, Mundra
- 15 Indev Logistics CFS, Panvel
- 16 International Cargo Terminal CFS
- 17 International Cargo Terminals (ULA) CFS, Navi Mumbai
- 18 JWC Logistics Park CFS
- 19 JWR CFS
- 20 Maersk Annex (APM)CFS, Navi Mumbai

21	Maharashtra State Corp CFS
22	MICT CFS, Mundra
23	Mundhra CFS, Mundra
24	Navkar Corporation Yard 1 CFS, Panvel
25	Navkar Corporation Yard 2 CFS, Panvel
26	Navkar Corporation Yard 3 CFS, Panvel
27	Ocean Gate CFS, Panvel
28	Punjab Conware CFS, Navi Mumbai
29	Saurashtra CFS, Mundra
30	SBW Logistics CFS, Navi Mumbai
31	Seabird CFS, Hazira
32	Seabird CFS, Mundra
33	Seabird CFS, Navi Mumbai
34	Speedy Multimode CFS, JNPT
35	Take Care Logistics CFS
36	TG Terminals CFS
37	TG Terminals CFS, Mundra
38	Transindia Logistics Park, Navi Mumbai
39	Transworld CFS, Mundra
40	Vaishno Logistics CFS, Navi Mumbai
41	Landmark CFS, Mundra
40	

42 Empezar Logistics CFS

1	ACTL ICD, Faric
2	Adani Logistics I
3	Albatross Inland
4	Allcargo Logistic
5	CMA CGM Logi
6	Gateway Rail Fre



### List of ICD name used in ICD Performance Index

dabad

Park ICD, Gurgaon

l Ports ICD, Dadri

cs Park ICD, Dadri

istics Park, Dadri

reight ICD, Gurgaon

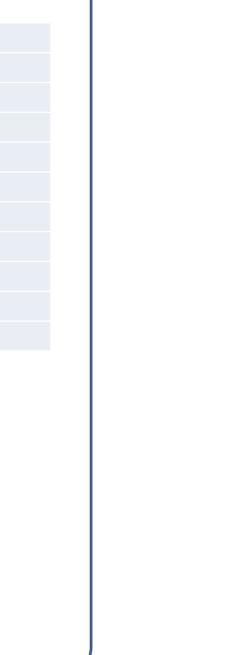
## Annexure – Southern & Eastern Region

## List of CFS name used in CFS Performance Index

- 1 Allcargo Global Logistics CFS, Chennai
- 2 Kailash Shipping Services CFS, Chennai
- <sup>3</sup> Kerry Indev Logistics ICD, Kanchipuram
- <sup>4</sup> Sanco Trans CFS, Chennai
- <sup>5</sup> Sattva Hi-Tech And Conware CFS, Chennai
- <sup>6</sup> Balmer Lawrie CFS, Chennai
- <sup>7</sup> A S Shipping Agencies CFS, Tiruvallur
- <sup>8</sup> Sudharsan Logistics CFS, Chennai
- <sup>9</sup> Gateway Distriparks CFS, Chennai
- <sup>10</sup> Sattva Cfs And Logistics CFS, Chennai
- <sup>11</sup> STP Services CFS, Chennai
- 12 MIV CFS
- <sup>13</sup> GDKL CFS
- <sup>14</sup> Cochin Port Trust CFS
- <sup>15</sup> Seabird CFS, Krishnapatnam
- <sup>16</sup> Gateway Distripark CFS, Krishnapatnam
- <sup>17</sup> A V Joshi CFS
- <sup>18</sup> Chola Logistiks Pvt Ltd
- <sup>19</sup> ALS Tuticorin Terminal Private Limited
- <sup>20</sup> Raja Agencies CFS
- 21 Hari CFS

- 1 Century Plyboards CFS, JJP
- 2 Phonex CFS
- 3 Allcargo Logistics CFS
- 4 Century Plyboards CFS, Sonai
- 5 LCL Freight Solutions
- 6 A L Logistics CFS
- 7 Ralson Petro Chemicals CFS
- 8 Sravan CFS-2
- 9 VCT CFS
- 10 Gateway East India CFS
- 11 SICAL CFS







## **THANK YOU**

