



Logistics Databank Analytics Report- Jan'19






Western Corridor (JNPT & Gujarat)

- Port Dwell Time Performance for both **Import** and **Export** cycle has decreased by **3%** and **2%** as compared to Dec'18

Month	Port Dwell Time (Import)	Port Dwell Time (Export)
Jan 2019	23.3 hrs	81.4 hrs
Dec 2018	22.7 hrs 	80.0 hrs 

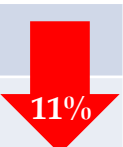

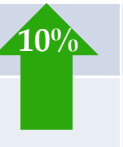

Gujarat Port Terminals (Adani Ports Special Economic Zone)

- Improvement in **Import Dwell Time** by 9% in Jan'19 on Monthly basis & 28% on Yearly basis (34.2 hrs in Jan'18)
- Decrease in **Export Dwell Time** Performance by 10% in Jan'19 on Monthly basis & 3% on Yearly basis (99 hrs in Jan'18)

Month	Port Dwell Time (Import)	Port Dwell Time (Export)	Railway container handling(Export)
Jan 2019	24.7 hrs	101.7 hrs	103.3 hrs
Dec 2018	27.1 hrs 	92.4 hrs 	86.3 hrs 

Jawaharlal Nehru Port Trust Region

- Decrease in **Import Dwell Time** by 11% in Jan'19 on Monthly basis & 17% on Yearly basis (24.6 hrs in Jan'18)
- Improvement in **Export Dwell Time** Performance by 3% in Jan'19 on Monthly basis & 2% on Yearly basis (70 hrs in Jan'18)

Month	Port Dwell Time (Import)	Port Dwell Time (Export)	Railway container handling(Export)	Transit Time(Export) CFS to Port
Jan 2019	22.6 hrs	69.6 hrs	82.5 hrs	5.8 hrs
Dec 2018	20.4 hrs 	71.6 hrs 	91.5 hrs 	5.3 hrs 

Western Corridor Performance (JNPT + Gujarat): Container Transportation

IMPORT

Port Dwell Time

Mode	Dec'18 (in hrs)	Jan'19 (in hrs)
Overall	22.7	23.3
Truck	20.4	21.1
Train	51.2	57.1

EXPORT

Mode	Dec'18 (in hrs)	Jan'19 (in hrs)
Overall	80.0	81.4
Truck	78.6	79.3
Train	88.2	95.3

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



Inland
Container
Depot (ICD)



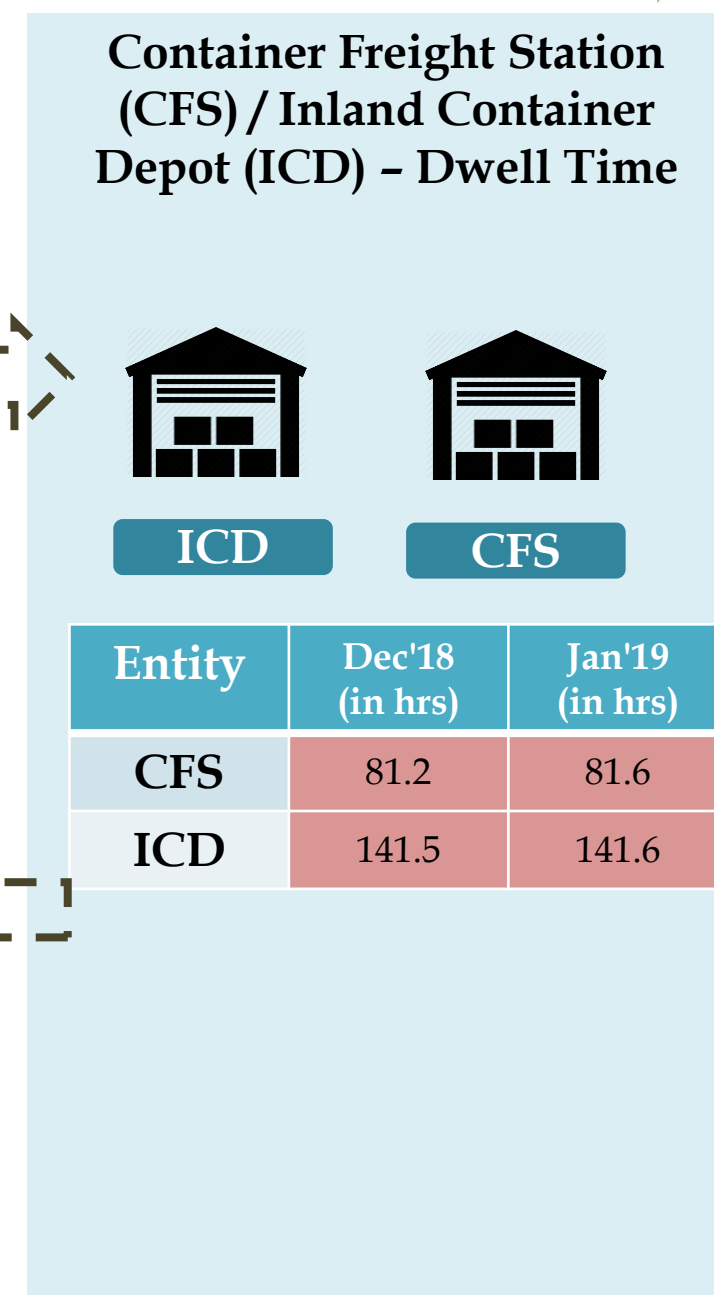
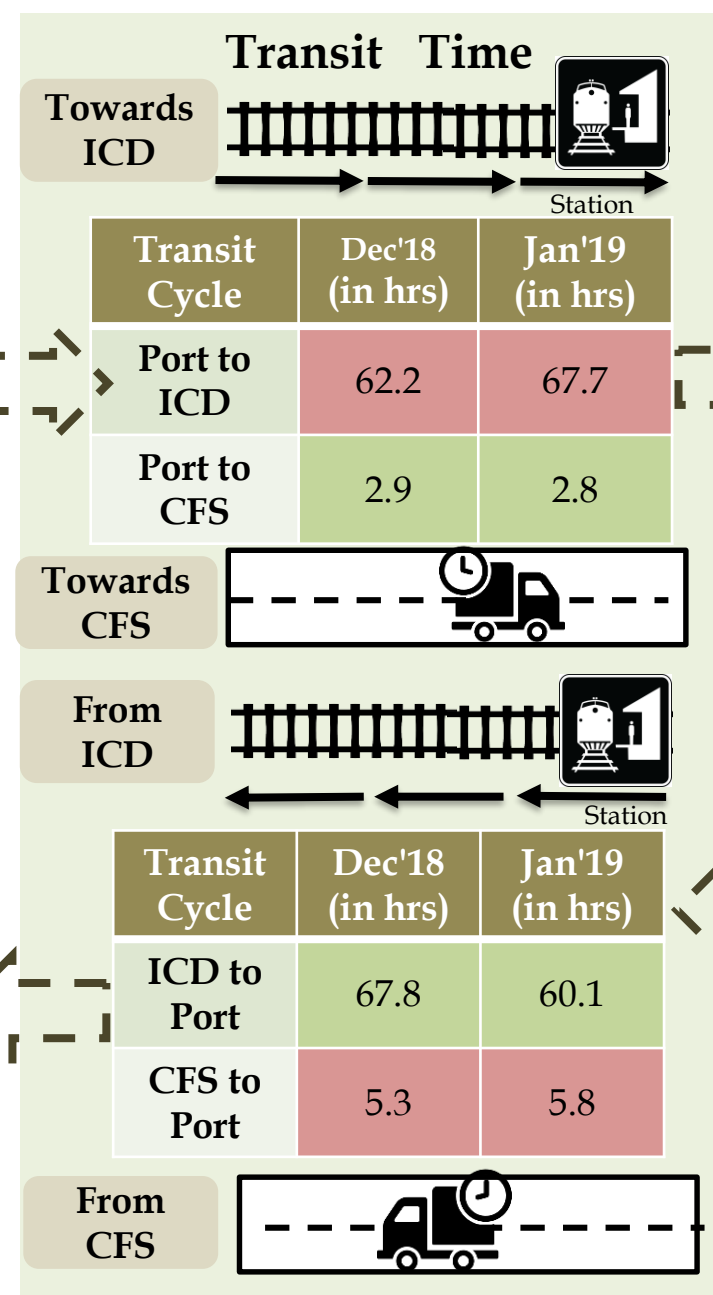
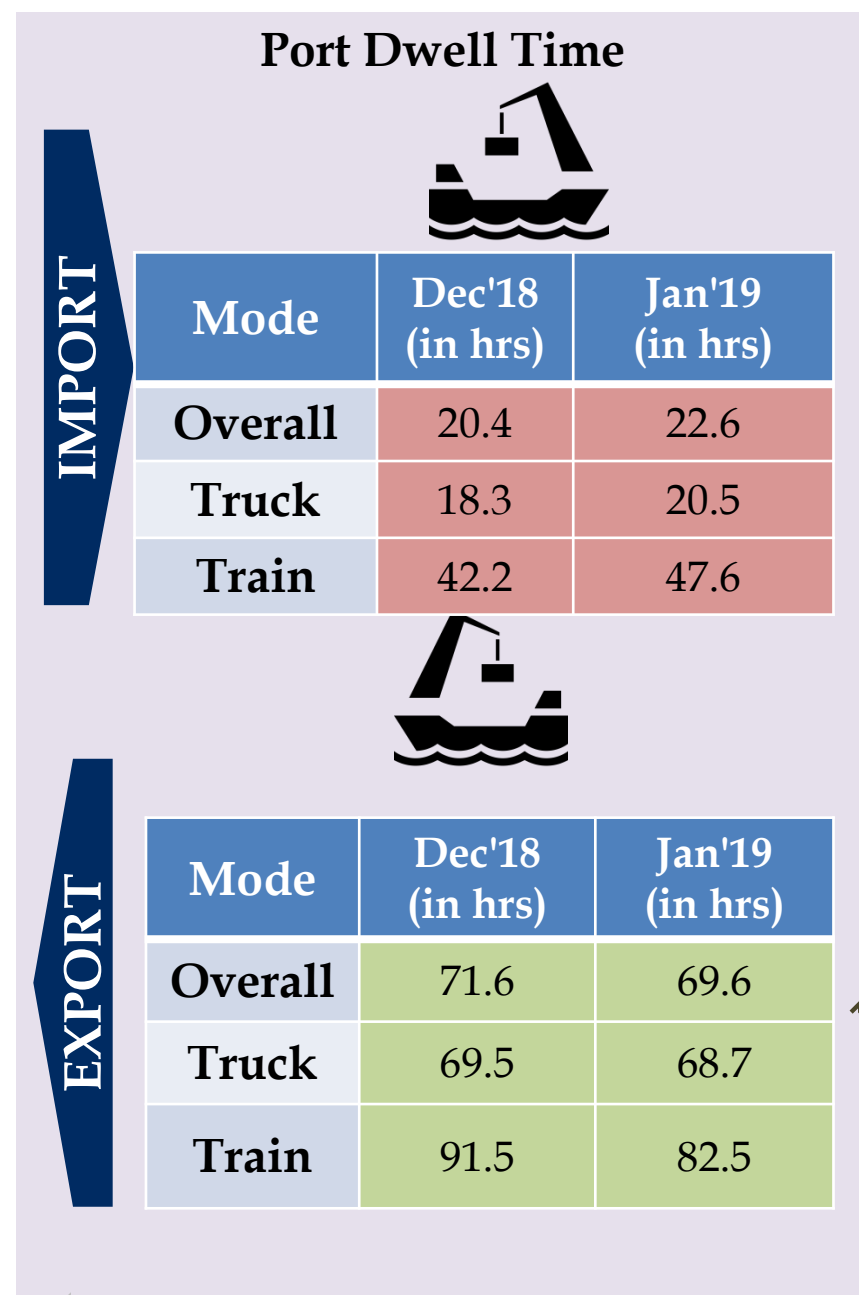
Container
Freight
Stations (CFS)

Entity	Dec'18 (in hrs)	Jan'19 (in hrs)
CFS	84.5	85.6
ICD	141.5	141.6

The marked entries showcase increase in the performance in comparison to previous month

The marked entries showcase decrease in the performance in comparison to previous month

Container Lifecycle (Import Cycle)



The marked entries showcase the increase in performance as compared to previous month

The marked entries showcase the decrease in performance as compared to previous month

Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Jan'19- in hrs)			Compared to Dec'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.6	11% ↓
	Port Dwell Time for Truck Bound Containers	20.5	12% ↓
	Port Dwell time for Train Bound Containers	47.6	13% ↓
	Port Dwell time Direct Port Delivery (DPD) containers	35.1	3% ↓
	Port Dwell time Containers bound for CFS	18.8	13% ↓
	Port Dwell for Empty Containers	30.5	16% ↓
TRANSIT TIME	Port Dwell for Laden Containers	21.4	7% ↓
	Port to ICD	67.7	9% ↓
	Port to CFS	2.8	5% ↑




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

EXPORT CYCLE DWELL TIME (Jan'19- in hrs)			Compared to Dec'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	69.6	3% ↑
	Port Dwell Time for Truck Bound Containers	68.7	1% ↑
	Port Dwell time for Train Bound Containers	82.5	10% ↑
	Port Dwell time Direct Port Entry (DPE) containers	60.5	4% ↑
	Port Dwell time Containers bound from CFS	67.8	1% ↑
	Port Dwell for Empty Containers	79.3	0.1% ↓
	Port Dwell for Laden Containers	64.9	3% ↑
TRANSIT TIME	ICD to Port	60.1	11% ↑
	CFS to Port	5.8	9% ↓


Container Lifecycle (Import Cycle)

IMPORT



Port Dwell Time

Mode	Dec'18 (in hrs)	Jan'19 (in hrs)
Overall	27.1	24.7
Truck	24.2	22.0
Train	75.5	81.7




Port Dwell Time

Mode	Dec'18 (in hrs)	Jan'19 (in hrs)
Overall	92.4	101.7
Truck	94.0	101.2
Train	86.3	103.3


Transit Time

Towards ICD




Transit Cycle	Dec'18 (in hrs)	Jan'19 (in hrs)
Port to ICD	98.2	106.1
Port to CFS	0.9	0.8

Towards CFS




From ICD





Transit Cycle	Dec'18 (in hrs)	Jan'19 (in hrs)
ICD to Port	90.4	86.7
CFS to Port	0.9	0.8

From CFS



Container Freight Stations(CFS)/Inland Container Depots(ICD)

ICD

CFS

Entity	Dec'18 (in hrs)	Jan'19 (in hrs)
CFS	92.2	93.5
ICD	141.5	141.6

The marked entries showcase the increase in performance as compared to previous month

The marked entries showcase the decrease in performance as compared to previous month

Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Jan'19- in hrs)			Compared to Dec'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	24.7	9% ↑
	Port Dwell Time for Train Bound Containers	81.7	8% ↓
	Port Dwell time for Truck Bound Containers	22.0	9% ↑
TRANSIT TIME	Port to ICD	106.1	8% ↓
	Port to CFS	0.8	11% ↑

EXPORT CYCLE DWELL TIME (Jan'19- in hrs)			Compared to Dec'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	101.7	10% ↓
	Port Dwell Time for Train Bound Containers	103.3	20% ↓
	Port Dwell time for Truck Bound Containers	101.2	8% ↓
TRANSIT TIME	ICD to Port	86.7	4% ↑
	CFS to Port	0.8	11% ↑

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to previous month



Performance Benchmarking - Port Terminals



Performance benchmarking for Port Terminals covered under LDB project for Jan'19

Top Performing Terminal

Gateway Terminals India (GTI)

Dec'18	Jan'19
42.1 hrs	37.6 hrs ↑

Low Performing Terminal

Adani CMA Mundra Terminal (ACMTTL)

Dec'18	Jan'19
66.7 hrs	63.5 hrs ↑

Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to previous month

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

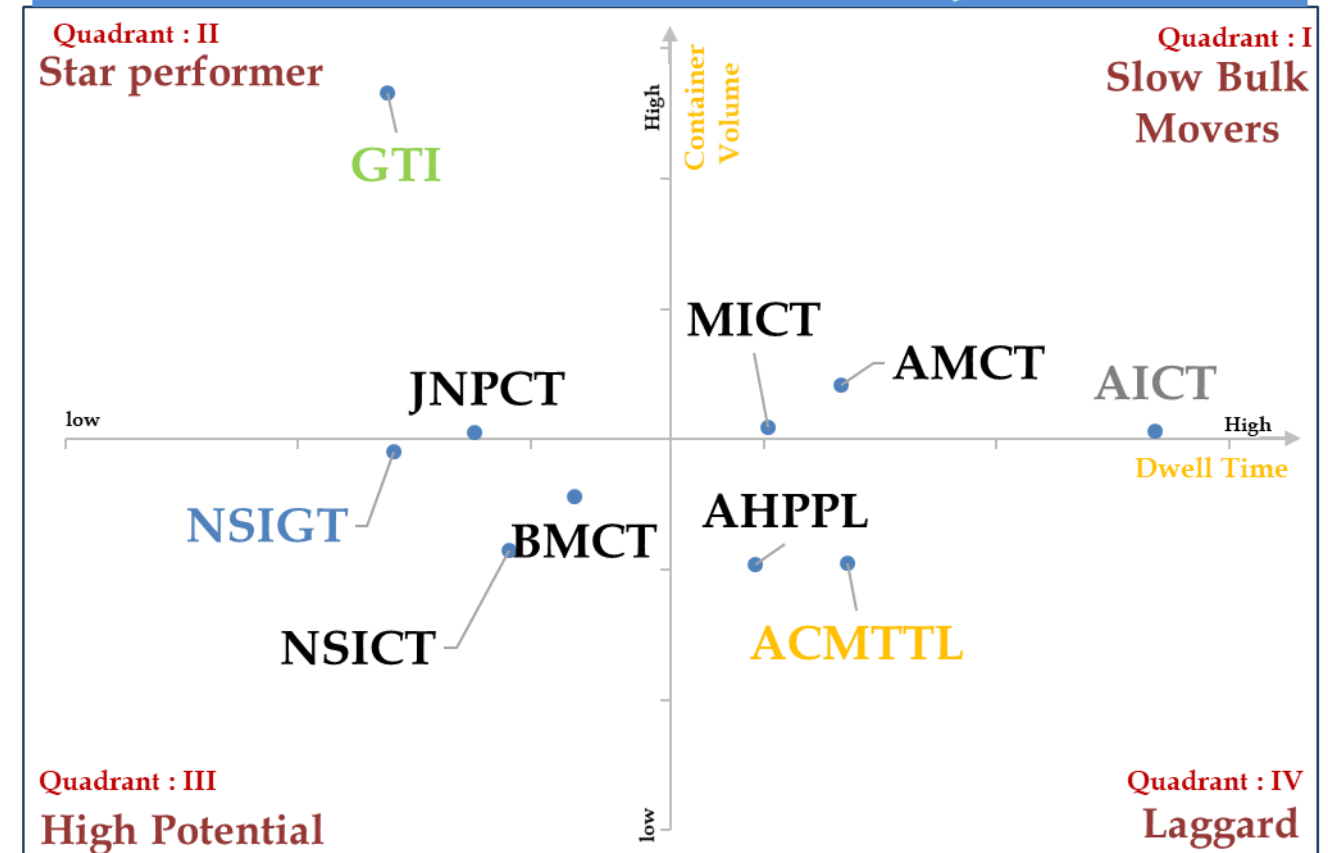
Star Performer: consist of entities which have catered relatively high container volume in lower dwell time

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

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

Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

Port Terminal Performance Index : Jan'19



Performance Benchmarking – Container Freight Station (CFS)



Performance benchmarking for CFS(s) covered under LDB project for Jan'19

Top Performing CFS

Gateway Distriparks CFS, Navi Mumbai

Dec'18

Jan'19

74.5 hrs

75.6 hrs



Low Performing CFS

Take Care Logistics CFS

Dec'18

Jan'19

124.1 hrs

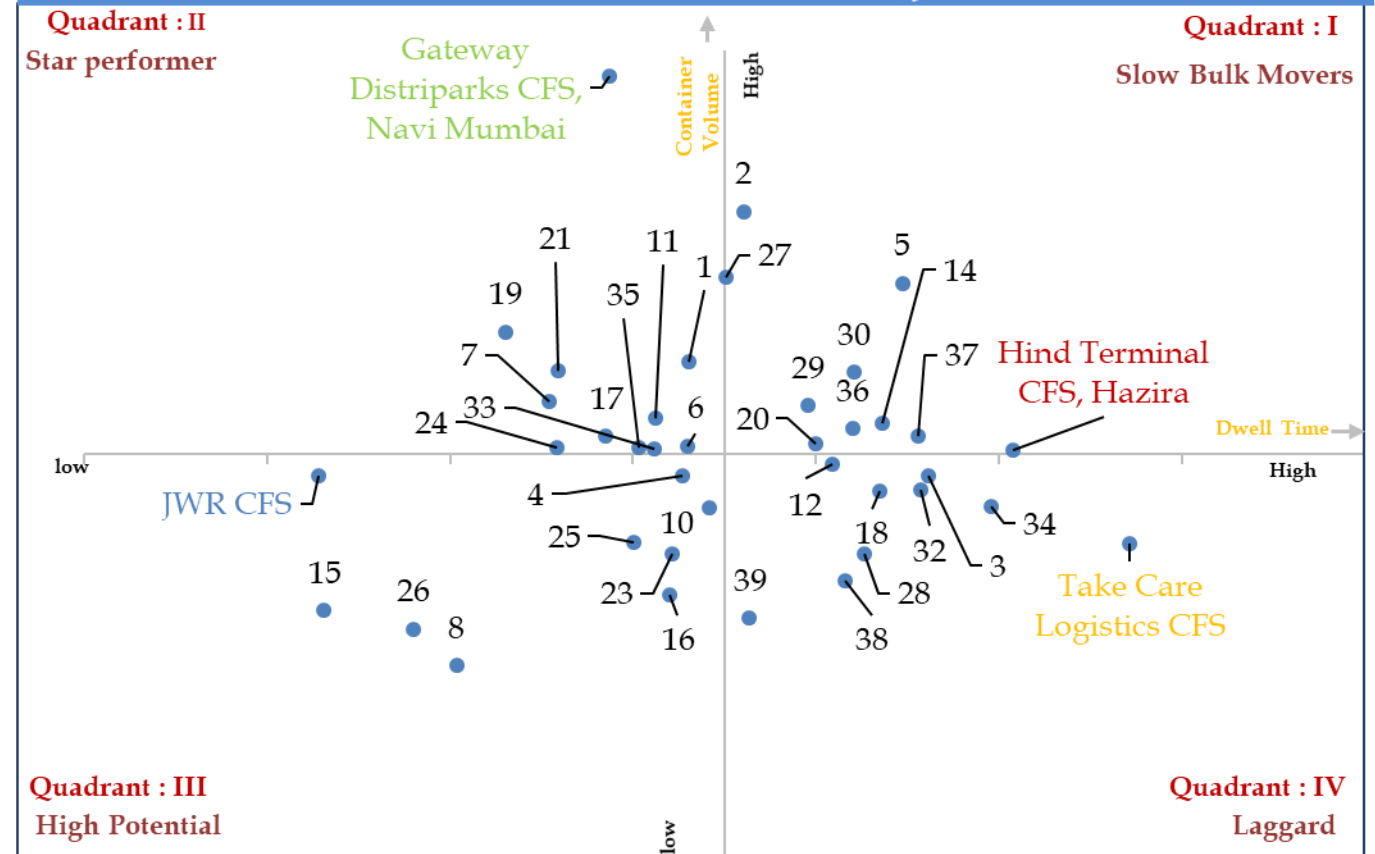
119.7 hrs



Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders as compared to previous month

CFS Performance Index for Jan'19



Performance Benchmarking – Inland Container Depot (ICD)



Performance benchmarking for ICD(s) covered under LDB project for Jan'19

Top Performing ICD

CONCOR ICD, Dadri

Dec'18	Jan'19
129.9 hrs	132.8 hrs



Low Performing ICD

CONCOR ICD, Aurangabad

Dec'18	Jan'19
257.8 hrs	229.1 hrs

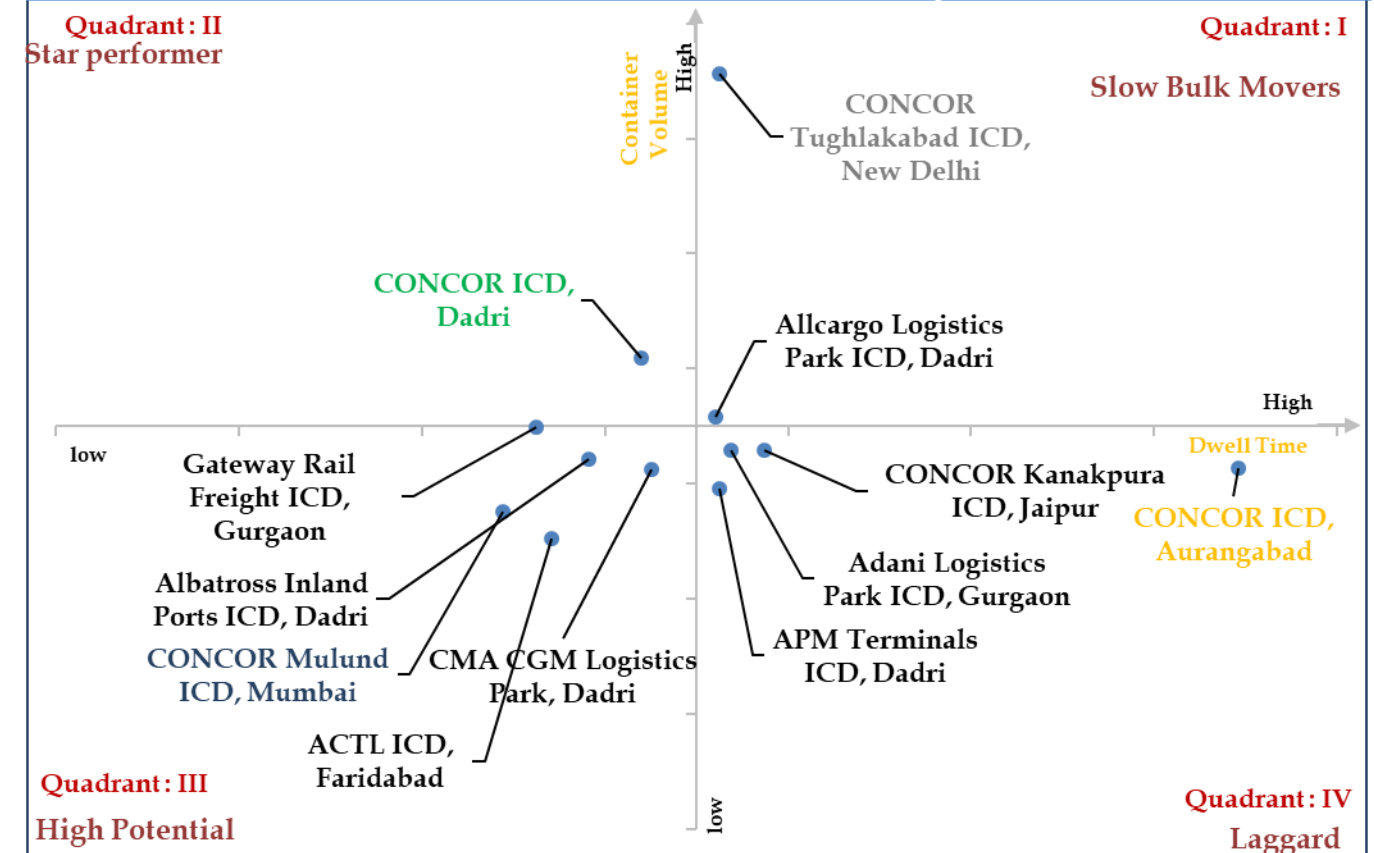


Note: The performance benchmarking is based on performance index



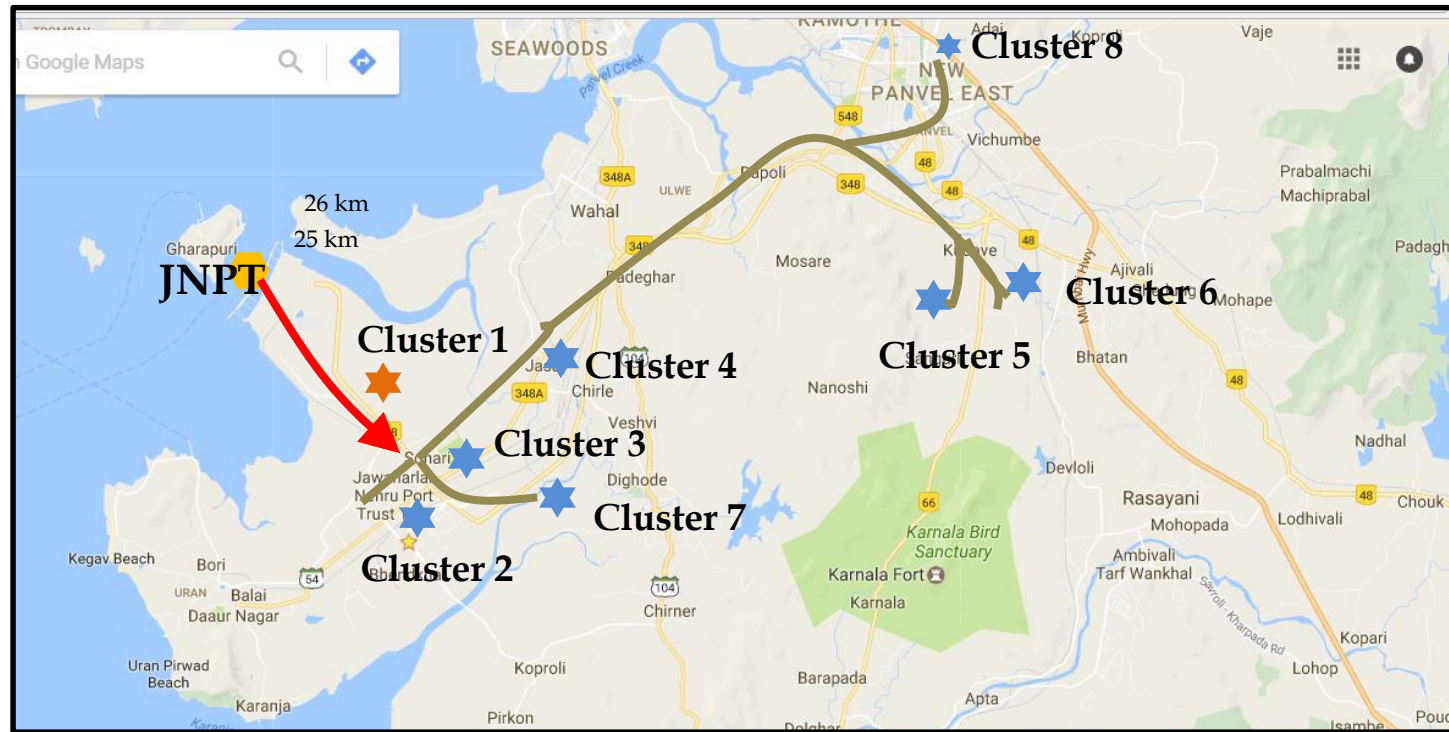
The arrows depict increase/decrease in overall performance of the stakeholders as compared to previous month

ICD Performance Index for Jan'19



Congestion Analysis

JNPT - Import - Jan'19



Legends	
—	High Congestion
—	Medium Congestion
—	Low Congestion
★	Cluster with bottleneck
★	Cluster without bottleneck

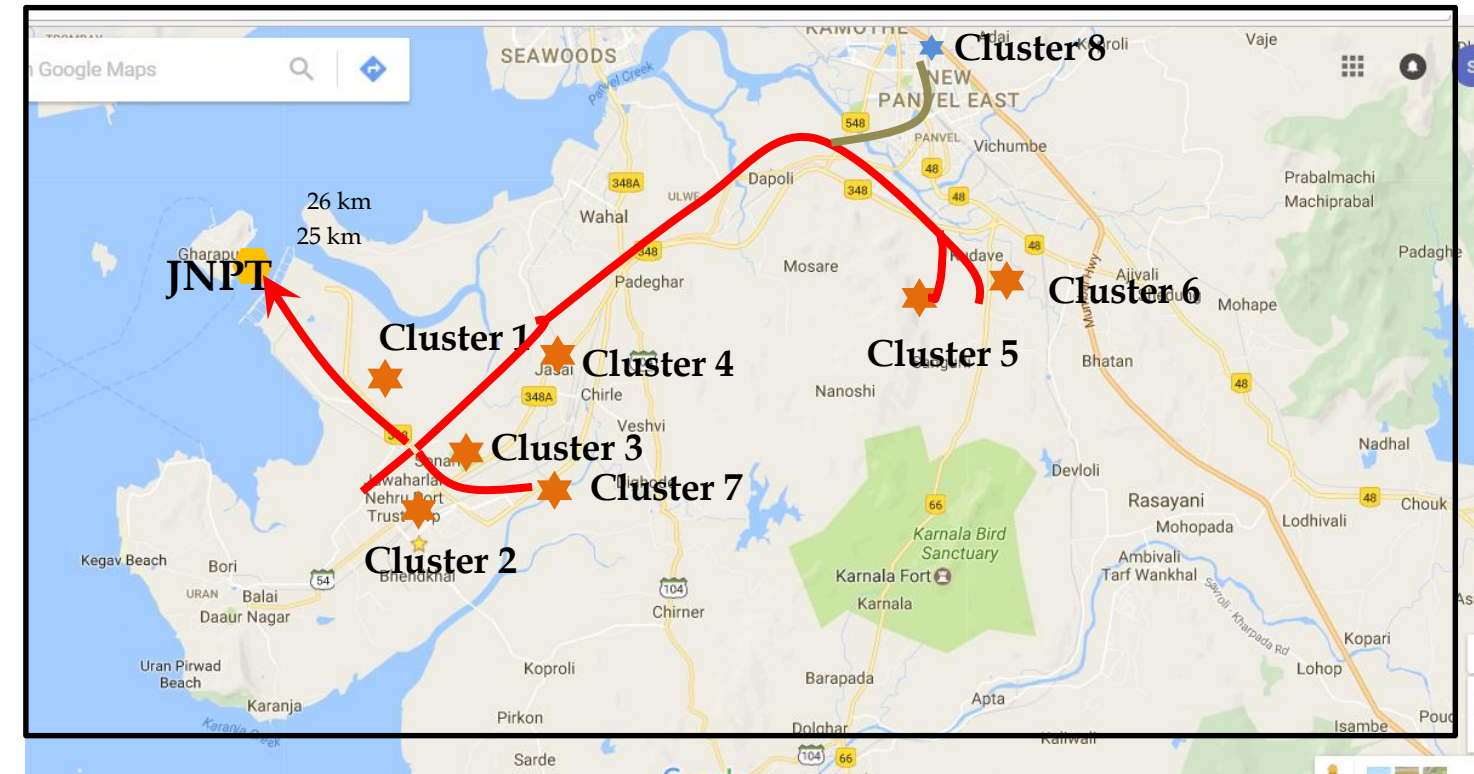
Clusters with bottleneck

Cluster 1	JNPT Area
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Clusters without bottleneck

CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

JNPT - Export - Jan'19



Cluster Without Bottleneck

CLUSTER 8	Taloja, Navi Mumbai
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Clusters with bottleneck

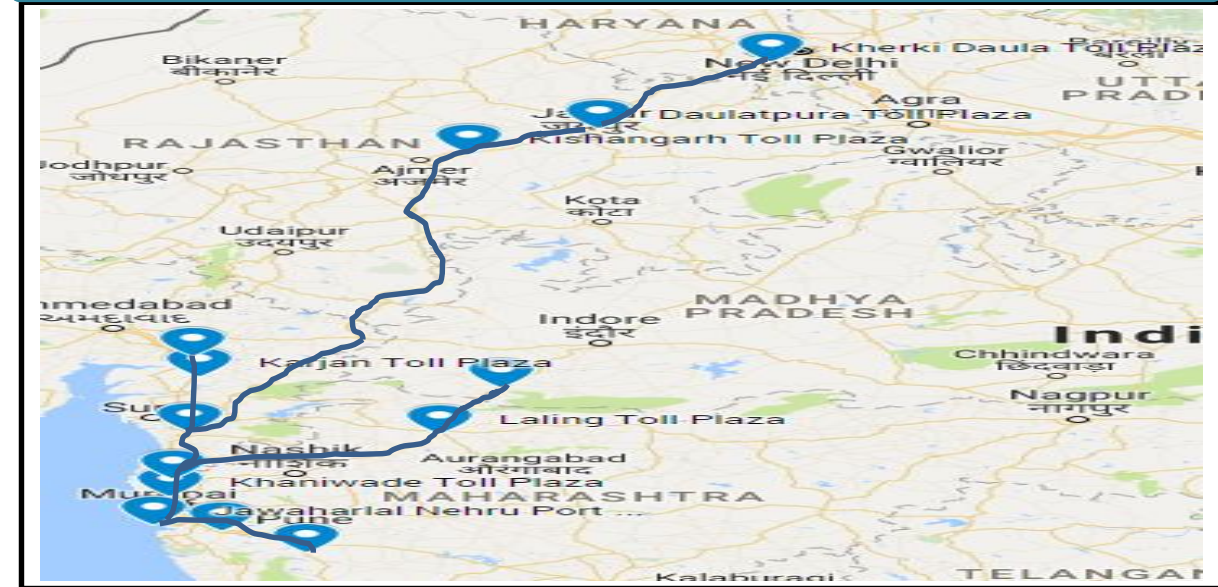
CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road

Western Corridor: Toll Plaza Analysis

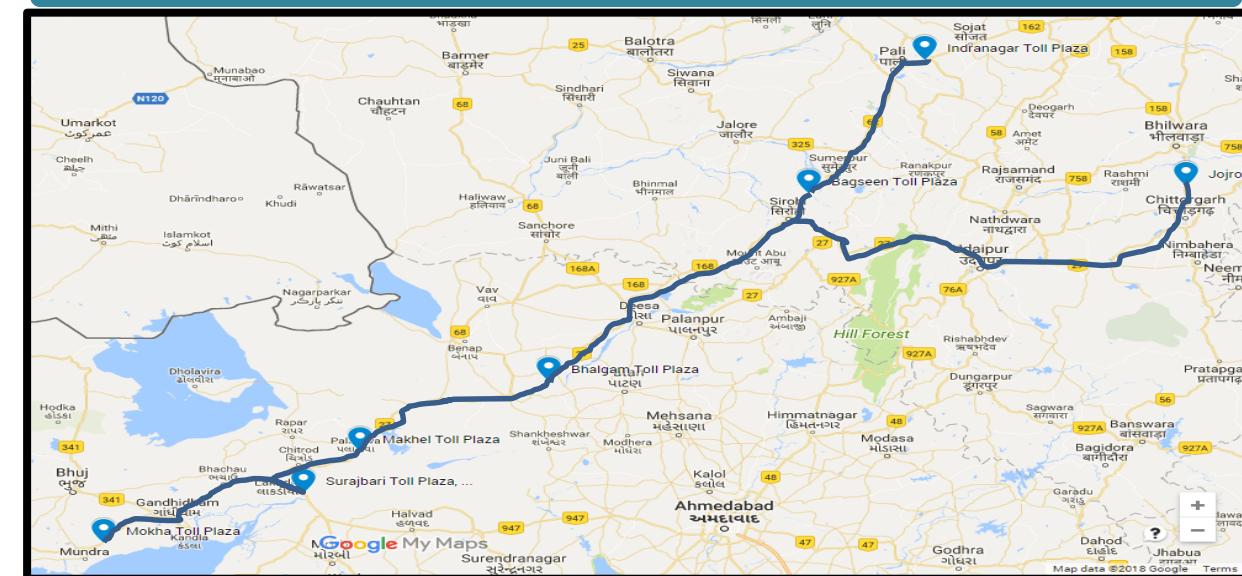
Avg. Speed between Toll Plazas (Jan'19)

	Source	Destination Toll Plaza	Inter Distance (Km)	Dec'18 (Km/Hr.)	Jan'19 (Km/Hr.)
JNPT	JNPT	Khaniwade	94	12.6	13.1
	JNPT	Khalapur	60	16.9	17.6
	Khaniwade	Charoti	50	38.4	39.3
	Charoti	Boriach	126	27.2	28.4
	Boriach	Bharthan	142	31.9	32.7
	Bharthan	Vasad	60	45.7	39.4
	Khalapur	Khedshivpur	105	29.5	29.4
	Daulatpura	Kherki	199	24.1	25.5
APSEZ	APSEZ	Mokha	28	22.3	22.3
	Mokha	Makhel	150	25.2	25.2
	Mokha	Surajbari	115	27.2	27.5
	Makhel	Bhalgam	108	39.3	39.1
	Bhalgam	Uthamam	209	30.2	30.6
	Uthamam	Indranagar	109	35.3	36.7

Toll Plaza - JNPT Port



Toll Plaza - APSEZ Port



List of CFS name used in CFS Performance Index

1	All Cargo Logistics CFS, Navi Mumbai	21	Speedy Multimode CFS, JNPT
2	Ameya Logistics CFS, Navi Mumbai	22	Take Care Logistics CFS
3	APM (Maersk India) CFS, Navi Mumbai	23	TG Terminals CFS
4	Apollo Logisolutions CFS, Panvel	24	Transindia Logistics Park, Navi Mumbai
5	Ashte Logistics CFS, Panvel	25	Vaishno Logistics CFS, Navi Mumbai
6	Balmer & Lawrie CFS, Navi Mumbai	26	Adani CFS Eximyard, Mundra
7	Continental Warehousing CFS, Navi Mumbai	27	Adani CFS, Hazira
8	CWC Dronagiri CFS, Navi Mumbai	28	AllCargo CFS, Mundra
9	Gateway Distriparks CFS, Navi Mumbai	29	Ashutosh CFS, Mundra
10	Indev Logistics CFS, Panvel	30	Hind Mundra Terminals CFS, Mundra
11	International Cargo Terminal CFS	31	Hind Terminal CFS, Hazira
12	International Cargo Terminals (ULA) CFS, Navi Mumbai	32	Honey Comb CFS, Mundra
13	JWR CFS	33	MICT CFS, Mundra
14	Maersk Annex (APM)CFS, Navi Mumbai	34	Mundhra CFS, Mundra
15	Maharashtra State Corp CFS	35	Saurashtra CFS, Mundra
16	Navkar Corporation Yard 1 CFS, Panvel	36	Seabird CFS, Hazira
17	Navkar Corporation Yard 2 CFS, Panvel	37	Seabird CFS, Mundra
18	Navkar Corporation Yard 3 CFS, Panvel	38	TG Terminals CFS, Mundra
19	Punjab Conware CFS, Navi Mumbai	39	Transworld CFS, Mundra
20	Seabird CFS, Navi Mumbai		

List of ICD name used in ICD Performance Index

1	ACTL ICD, Faridabad
2	Adani Logistics Park ICD, Gurgaon
3	Albatross Inland Ports ICD, Dadri
4	Allcargo Logistics Park ICD, Dadri
5	APM Terminals ICD, Dadri
6	CMA CGM Logistics Park, Dadri
7	CONCOR ICD, Aurangabad
8	CONCOR ICD, Dadri
9	CONCOR Kanakpura ICD, Jaipur
10	CONCOR Mulund ICD, Mumbai
11	CONCOR Tughlakabad ICD, New Delhi
12	CWC ICD, Patparganj
13	Gateway Rail Freight ICD, Gurgaon



THANK YOU