Logistics Databank Analytics Report- Sept 2019

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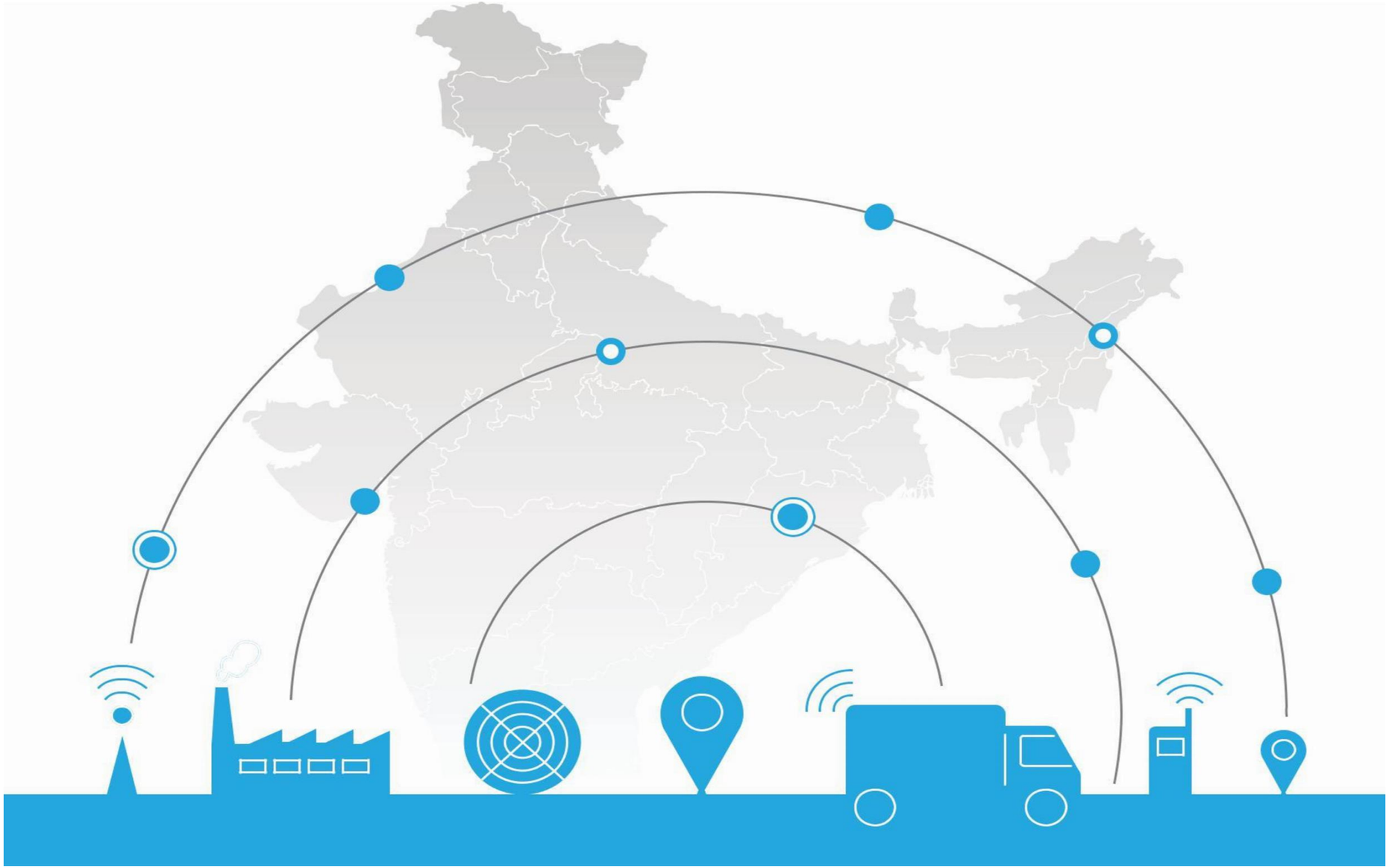

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Section **One**

Report Inference

This sections depicts the inference and major highlights of the report

1. Pan India Performance
2. Executive Summary – Terminal wise Dwell Time Performance
3. Critical Incident Summary
4. Pan India - Port Performance Benchmarking & Performance Index
5. Region wise segmentation, Western Region ICD performance and region-wise CFS performance
6. Analysis of Container Movement across India

Section **Two**

Annexure

This sections depicts the analysis of Individual Port Terminals region-wise

1. Individual Terminal Performance In Southern Corridor
2. Individual Terminal Performance In Eastern Corridor
3. Individual Terminal Performance In Western Corridor
4. JNPT Region: Congestion Analysis
5. Western Corridor Toll Plaza Analysis

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PAN INDIA Performance Snapshot: Sept 2019 (Dwell Time)

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Gujarat Region

Import	Export
31.7 hrs	99.6 hrs

Mumbai Region

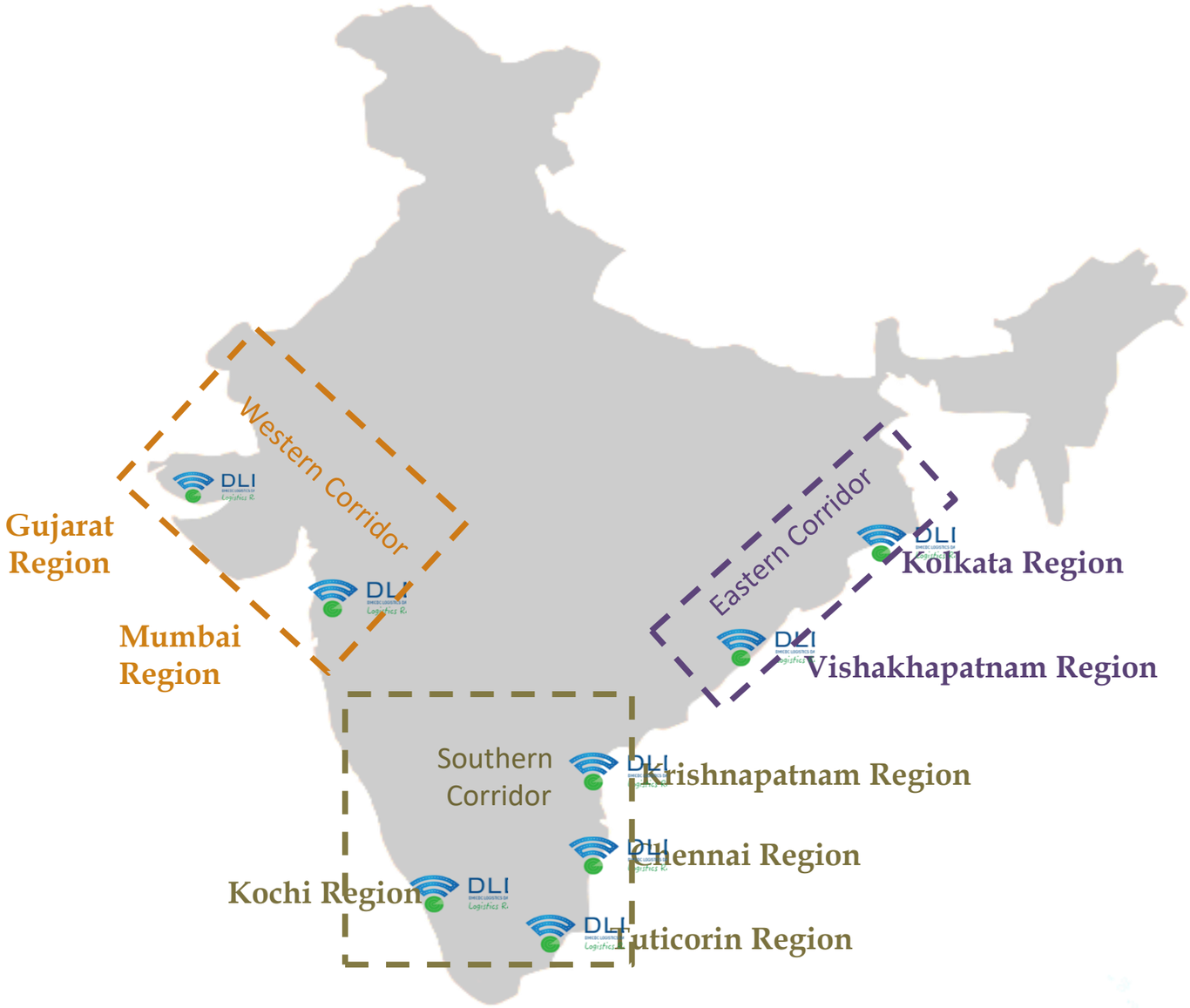
Import	Export
26.1 hrs	63.9 hrs

Kochi Region

Import	Export
74.0 hrs	91.5 hrs

Tuticorin Region

Import	Export
20.5 hrs	65.7 hrs



Kolkata Region

Import	Export
38.3 hrs	123.1 hrs

Vishakhapatnam Region

Import	Export
50.4 hrs	75.1 hrs

Krishnapatnam Region

Import	Export
124.8 hrs	71.3 hrs

Chennai Region

Import	Export
46.2 hrs	90.7 hrs

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Executive Summary – Terminal wise Dwell Time Performance

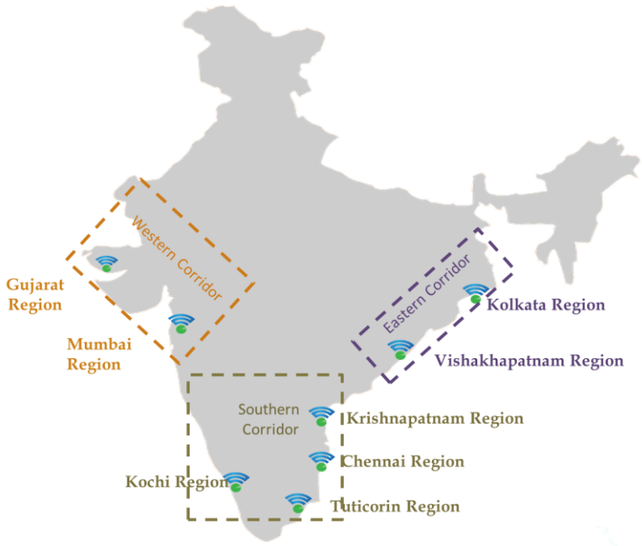
Western Region

Import Cycle

Port	Aug'19 (in hrs)	Sept'19 (in hrs)
JNPCT	28.7	26.8
NSICT	32.1	27.6
GTI	27.5	26.4
NSIGT	28.5	26.4
BMCT/PSA	27.5	23.9
AHPPL	37.6	45.1
AMCT	17.3	19.4
AICT	48.5	56.9
ACMTTL	26.4	25.6
MICT	32.9	32.2

Export Cycle

Port	Aug'19 (in hrs)	Sept'19 (in hrs)
JNPCT	-	74.8
NSICT	49.1	44.8
GTI	67.7	62.2
NSIGT	75.9	67.5
BMCT/PSA	74.5	64.0
AHPPL	101.9	108.6
AMCT	96.0	99.3
AICT	114.1	110.0
ACMTTL	131.6	117.2
MICT	93.8	74.5



Eastern Region

Import Cycle

Port	Aug'19 (in hrs)	Sept'19 (in hrs)
HICT	99.8	84.9
KDS	32.8	38.3
VCTPL	35.1	50.3

Export Cycle

Port	Aug'19 (in hrs)	Sept'19 (in hrs)
HICT	83.1	120.0
KDS	111.2	123.1
VCTPL	83.4	75.1

Southern Region

Import Cycle

Port	Aug'19 (in hrs)	Sept'19 (in hrs)
CCTL	30.9	45.8
CITPL	33.5	46.3
DBGT	19.6	17.1
PSA – SICAL	42.2	34.4
ICTT	76.0	74.0
NCT	121.2	124.8
AKPPL	50.0	64.9
NMPT	168.9	209.3

Export Cycle

Port	Aug'19 (in hrs)	Sept'19 (in hrs)
CCTL	91.7	94.8
CITPL	76.2	88.9
DBGT	65.6	67.3
PSA – SICAL	66.3	62.4
ICTT	81.7	91.5
NCT	66.5	71.3
AKPPL	-	-
NMPT	174.5	129.3

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Critical Incident Summary (1/2)

Southern Corridor

- The overall southern corridor Port & CFS performance has decreased

Southern Corridor	Import Cycle	Export Cycle	CFS Dwell Time
September 2019	48.5 hrs	84.1 hrs	122.8 hrs
August 2019	40.6 hrs ↓ 19%	78.6 hrs ↓ 7%	110.3 hrs ↓ 11%

- Chennai Port & CFS performance has also decreased

Chennai Region	Import Cycle	Export Cycle	CFS Dwell Time
September 2019	46.2 hrs	90.7 hrs	106.1 hrs
August 2019	32.6 hrs ↓ 42%	80.2 hrs ↓ 13%	91.9 hrs ↓ 15%

Eastern Corridor

- There has been an decrease in Rail bound container handling in Import cycle compared to improvement in export cycle within the port terminals under eastern corridor
- The performance of Eastern region CFSs has also been improved

Eastern Corridor	Rail Bound - Import	Rail Bound – Export	CFS Dwell Time
September 2019	159.7 hrs	103.0 hrs	140.7 hrs
August 2019	118.4 hrs ↓ 19%	139.2 hrs ↑ 11%	152.2 hrs ↑ 26%

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Critical Incident Summary (2/2)

Western Corridor

- There has been an improvement in Rail bound container handling within the port terminals under western corridor

Import Cycle (Rail Bound)	Western Corridor	JNPT Region	Gujarat Region
September 2019	41.9 hrs ↑ 28%	34.3 hrs ↑ 29%	72.8 hrs ↑ 20%
August 2019	58.0 hrs	24.5 hrs	90.8 hrs

Jawaharlal Nehru Port Terminals

- There has been an improvement in overall ICD lead time for containers from JNPT Port

Import Cycle	Import Dwell Time	Port to ICD	ICD Dwell Time	ICD to Port	Export Dwell Time
September 2019	26.1 hrs ↑ 7%	67.9 hrs ↑ 11%	132.5 hrs ↑ 4%	72.9 hrs ↑ 3%	63.9 hrs ↑ 7%
August 2019	28.2 hrs	76.0 hrs	137.5 hrs	74.9 hrs	68.6 hrs

Gujarat Port Terminals (Adani Ports Special Economic Zone)

- The performance of CFS bound container in Import Cycle has been decreased

Gujarat Region	Import – Truck Bound	Port to CFS	CFS Dwell Time
September 2019	27.6 hrs ↓ 8%	1.2 hrs ↓ 10%	94.0 hrs ↓ 4%
August 2019	25.4 hrs	1.1 hrs	90.1 hrs

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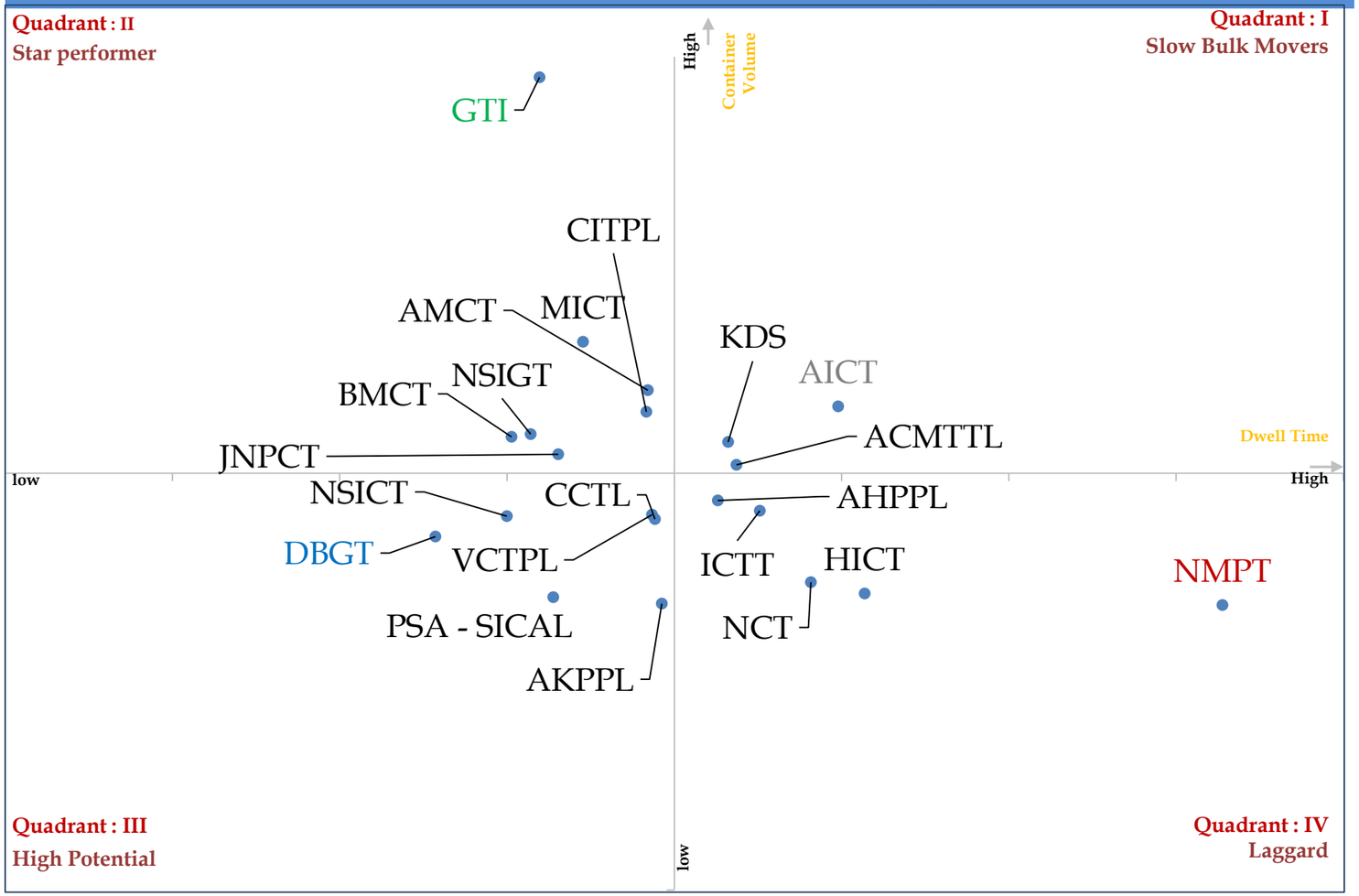
Pan India - Port Performance Benchmarking & Performance Index

Performance Benchmarking - Port Terminals

Port Terminal Performance Index – Sept'19



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

Top Performing Terminal	
Gateway Terminals India (GTI)	
Aug'19	Sept'19
45.4 hrs	42.6 hrs ↑

Low Performing Terminal	
New Mangalore Port Trust Terminal	
Aug'19	Sept'19
171.3 hrs	167.3 hrs ↑

Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Aug'19

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

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Container Transportation Performance - Western Corridor

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Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	28.8	27.9
Truck	25.6	25.7
Train	58.0	41.9

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	84.8	77.8
Truck	83.8	77.1
Train	92.9	82.1

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

Inland Container Depot (ICD)

Container Freight Stations (CFS)

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	84.7	89.1
ICD	137.5	132.5

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

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

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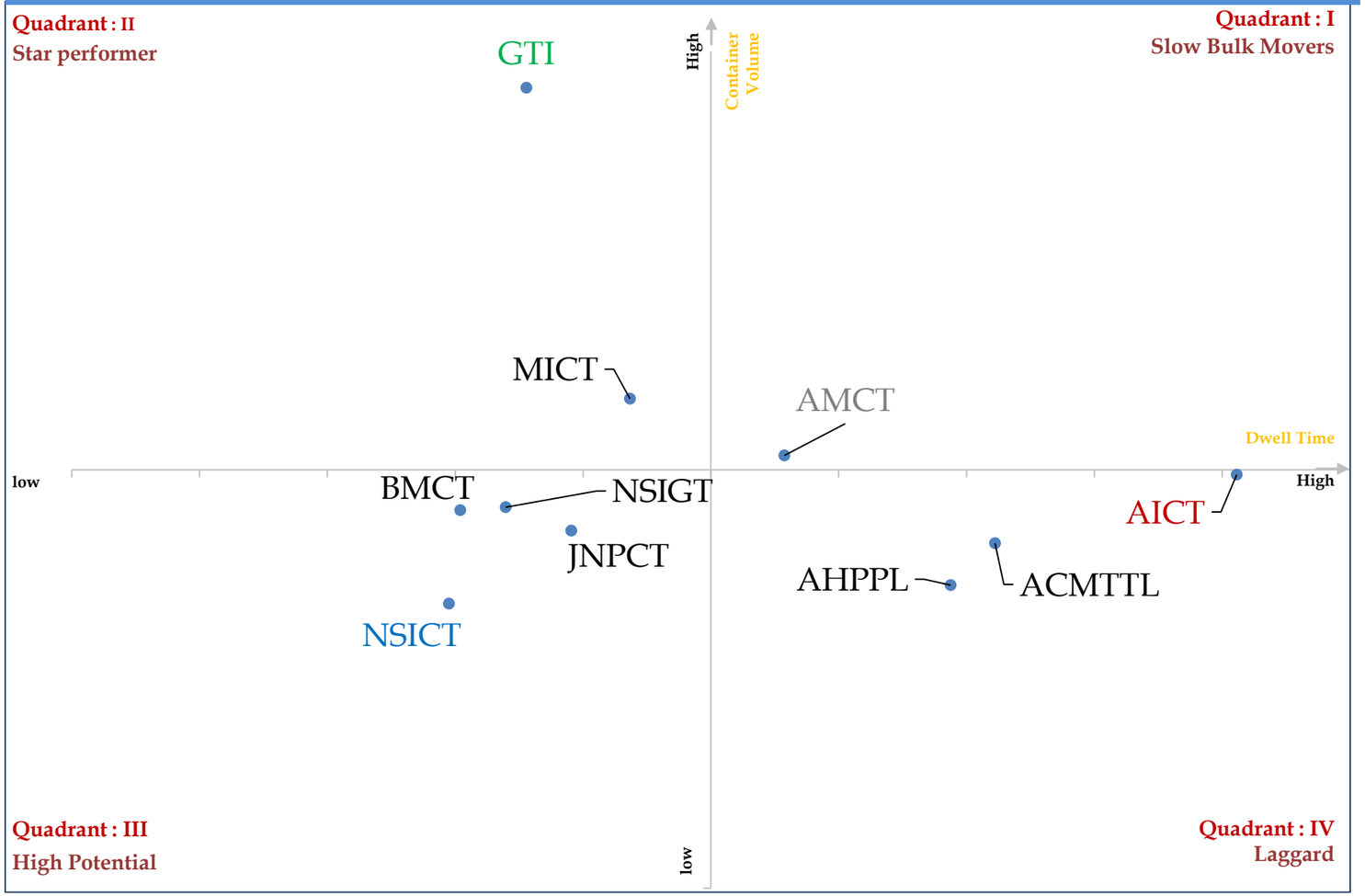
Port Performance Benchmarking & Performance Index - Western Corridor

Performance Benchmarking - Port Terminals

Port Terminal Performance Index – Sept'19



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

Top Performing Terminal	
Gateway Terminals India (GTI)	
Aug'19	Sept'19
45.4 hrs	42.6 hrs ↑

Low Performing Terminal	
Adani International Container Terminal (AICT)	
Aug'19	Sept'19
84.6 hrs	97.1 hrs ↓

Note: The performance benchmarking is based on performance index

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CFS/ICD Performance Benchmarking & Performance Index - Western Corridor

CFS — Performance Benchmarking — ICD

Top Performing CFS

Punjab Conware CFS, Navi Mumbai	
Aug'19	Sept'19
66.5 hrs	67.4 hrs ↓

Low Performing CFS

Take Care Logistics CFS	
Aug'19	Sept'19
104.1 hrs	122.5 hrs ↓

Top Performing ICD

Gateway Rail Freight ICD, Gurgaon	
Aug'19	Sept'19
114.0 hrs	100.8 hrs ↑

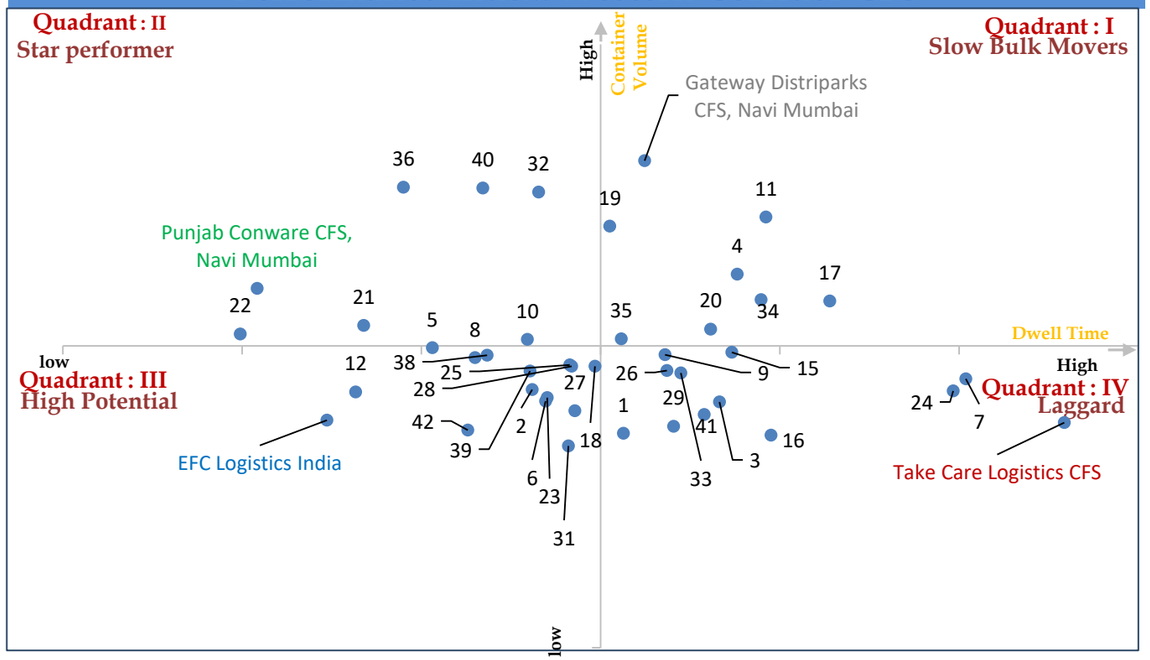
Low Performing ICD

ACTL ICD, Faridabad	
Aug'19	Sept'19
133.4 hrs	133.5 hrs ↓

Note: The performance benchmarking is based on performance index

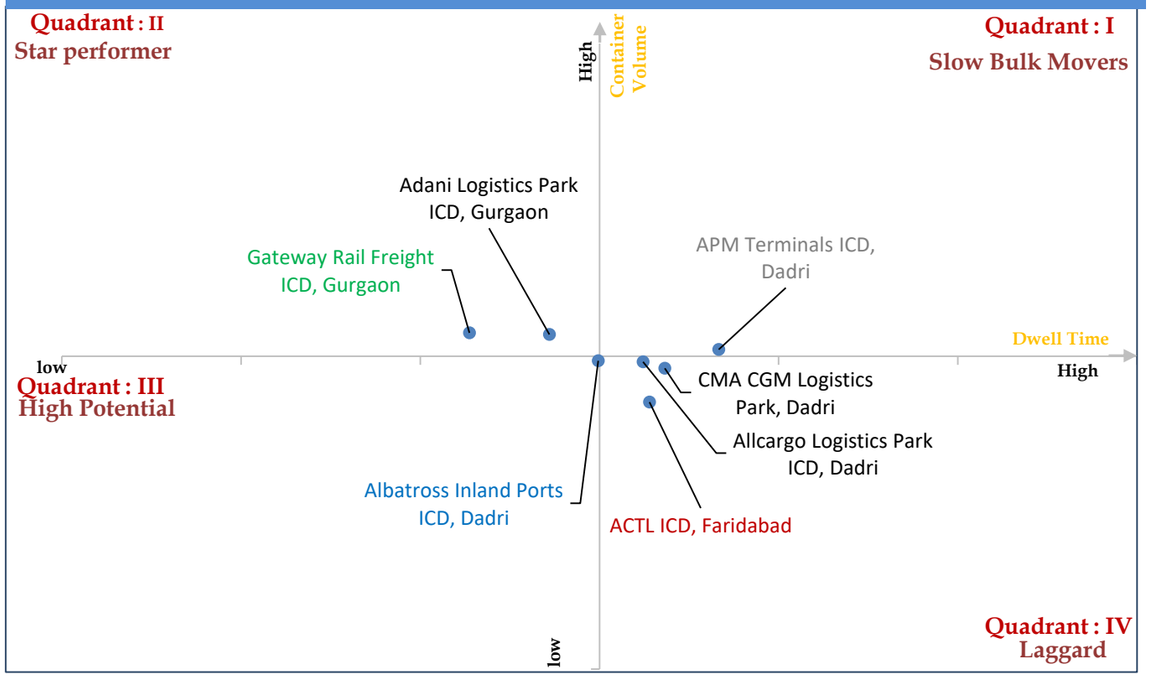
↑↓ The arrows depict increase/decrease in overall performance of the stakeholders as compared to Aug'19

Performance Index: Western Corridor CFS



Kindly refer to Annexure section for the names of CFS

Performance Index: ICD



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Container Transportation Performance - Southern Corridor

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	40.6	48.5
Truck	41.2	49.4

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	78.6	84.1
Truck	78.7	84.3
Train	74.0	80.2

Container Freight Stations(CFS)– Dwell Time

Container Freight Stations

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	110.3	122.8

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

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

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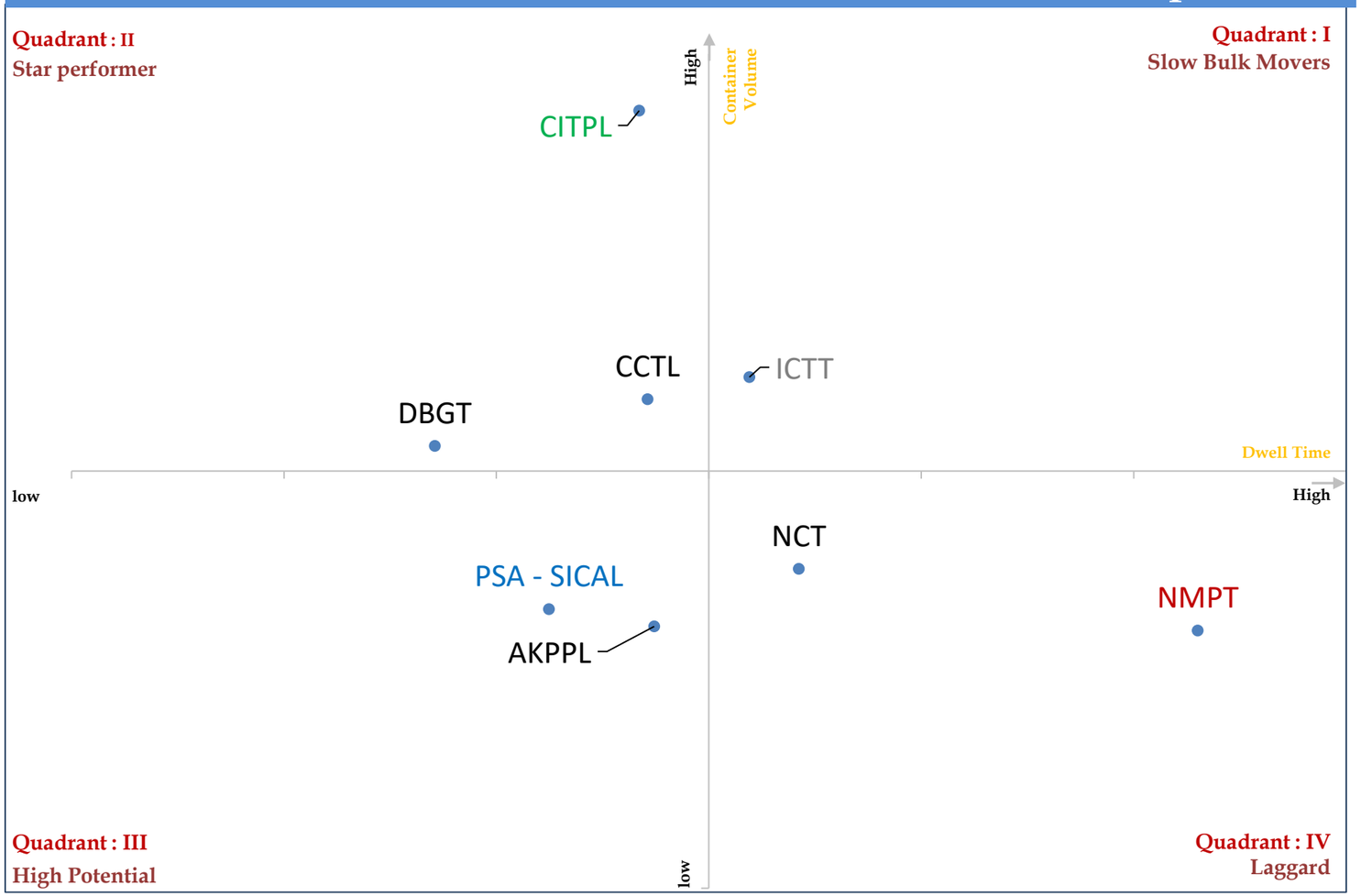
Port Performance Benchmarking & Performance Index - Southern Corridor

Performance Benchmarking - Port Terminals

Southern Corridor Port Terminal Performance Index – Sept'19



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

Top Performing Terminal	
Chennai International Terminals Pvt Ltd (CITPL)	
Aug'19	Sept'19
44.5 hrs	62.1 hrs ↓

Low Performing Terminal	
New Mangalore Port Trust Terminal	
Aug'19	Sept'19
171.3 hrs	167.3 hrs ↑

Note: The performance benchmarking is based on performance index

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

Performance Index- Summary

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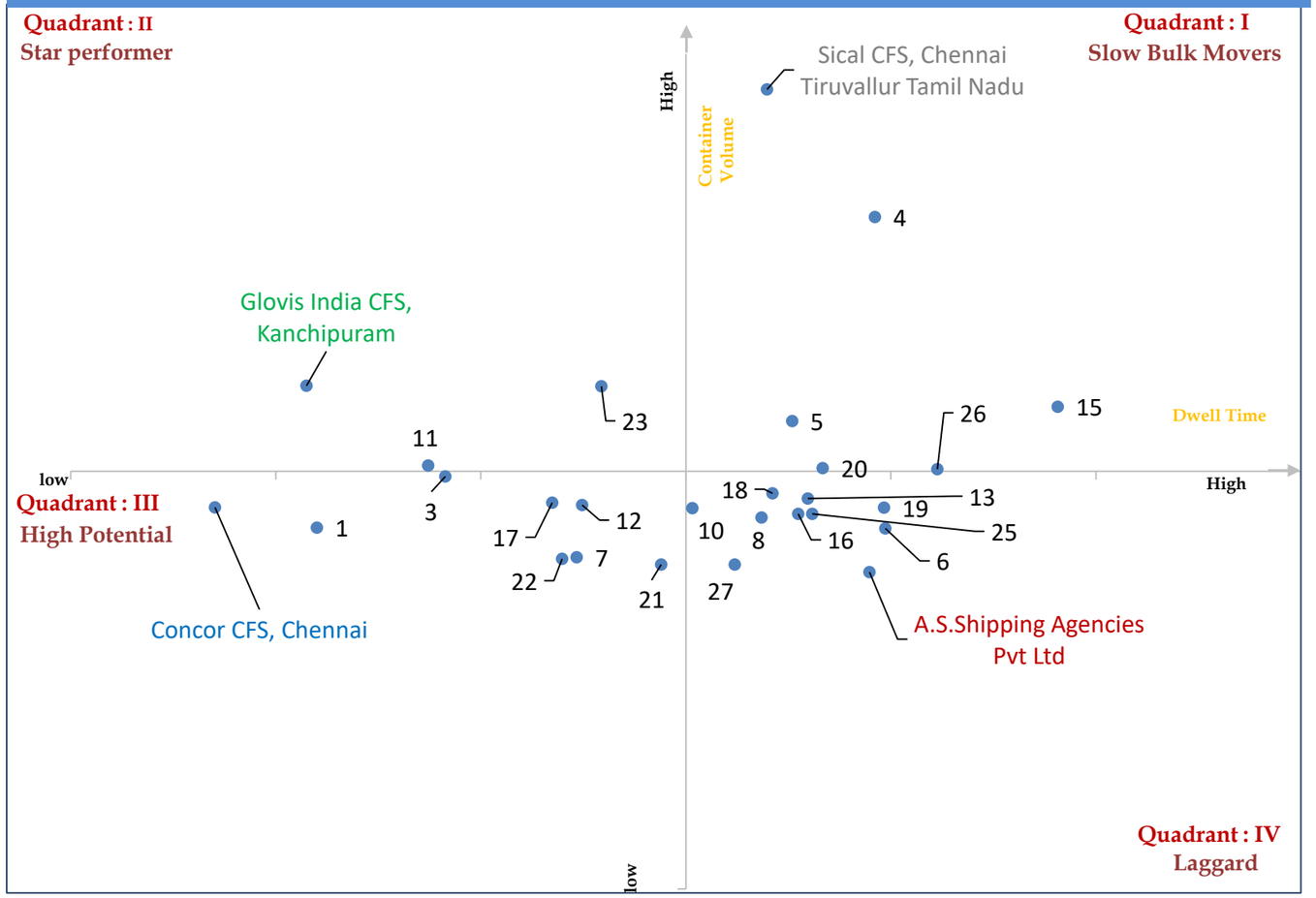
CFS Performance Benchmarking & Performance Index - Southern Corridor

Performance Benchmarking - CFS

Performance Index: Southern Corridor CFS



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

Top Performing Terminal
Glovis India CFS, Kanchipuram
Sept'19
37.3 hrs

Low Performing Terminal	
A.S.Shipping Agencies Pvt Ltd	
Aug'19	Sept'19
170.3 hrs	162.5 hrs

Note: The performance benchmarking is based on performance index

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

Performance Index- Summary

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Kindly refer to Annexure section for the names of CFS

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Container Transportation Performance - Eastern Corridor

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	39.6	48.6
Truck	39.3	48.0
Train	118.4	159.7

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	98.9	97.8
Truck	96.6	97.3
Train	139.2	103.0

Container Freight Stations(CFS)– Dwell Time

Container Freight Stations

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	152.2	140.7

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

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

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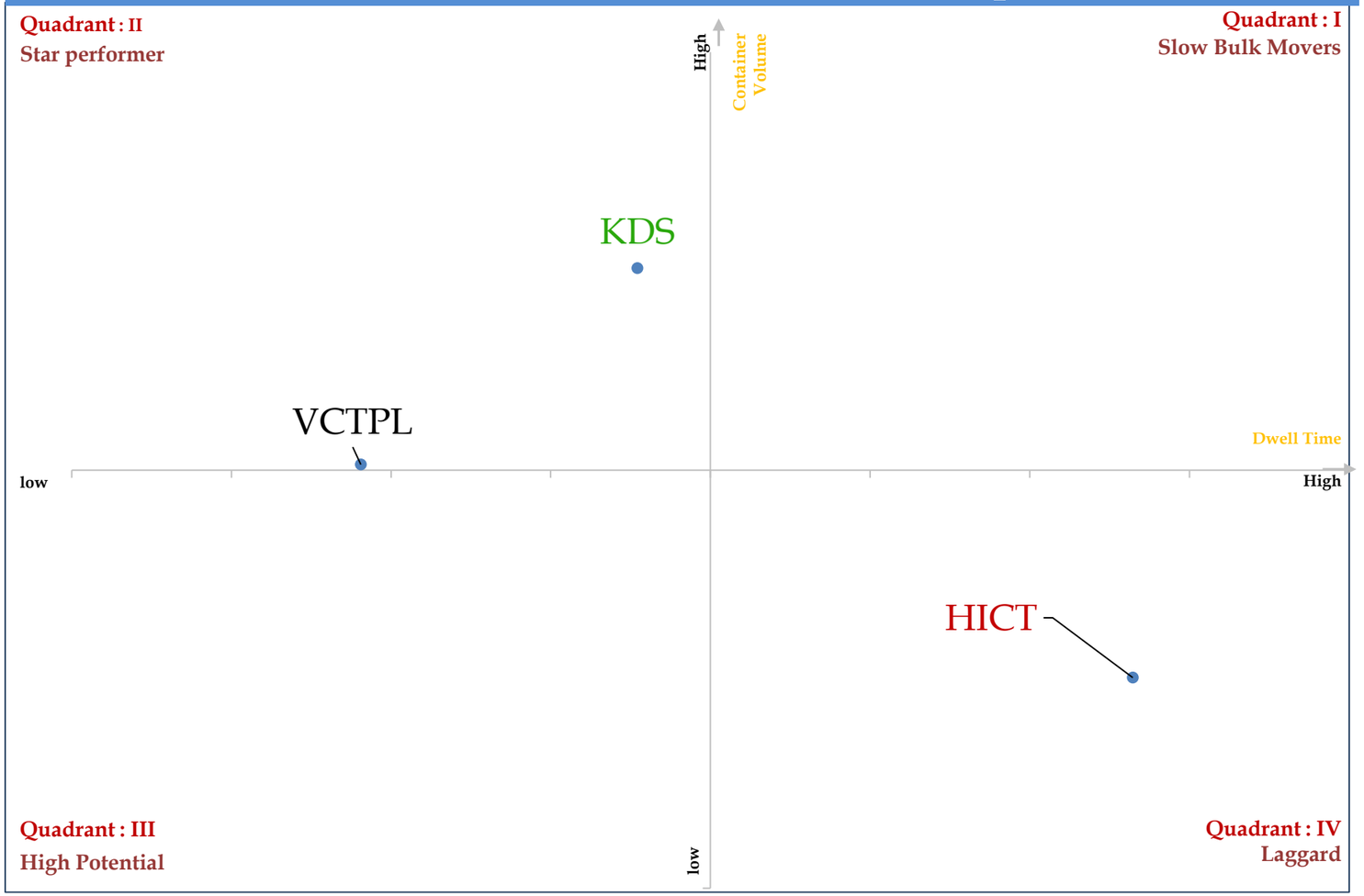
Port Performance Benchmarking & Performance Index - Eastern Corridor

Performance Benchmarking - Port Terminals

Port Terminal Performance Index – Sept'19



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

Top Performing Terminal	
Kolkata Dock System (KDS)	
Aug'19	Sept'19
63.5 hrs	77.1 hrs ↓

Low Performing Terminal	
Haldia International Container Terminal (HICT)	
Aug'19	Sept'19
92.6 hrs	102.0 hrs ↓

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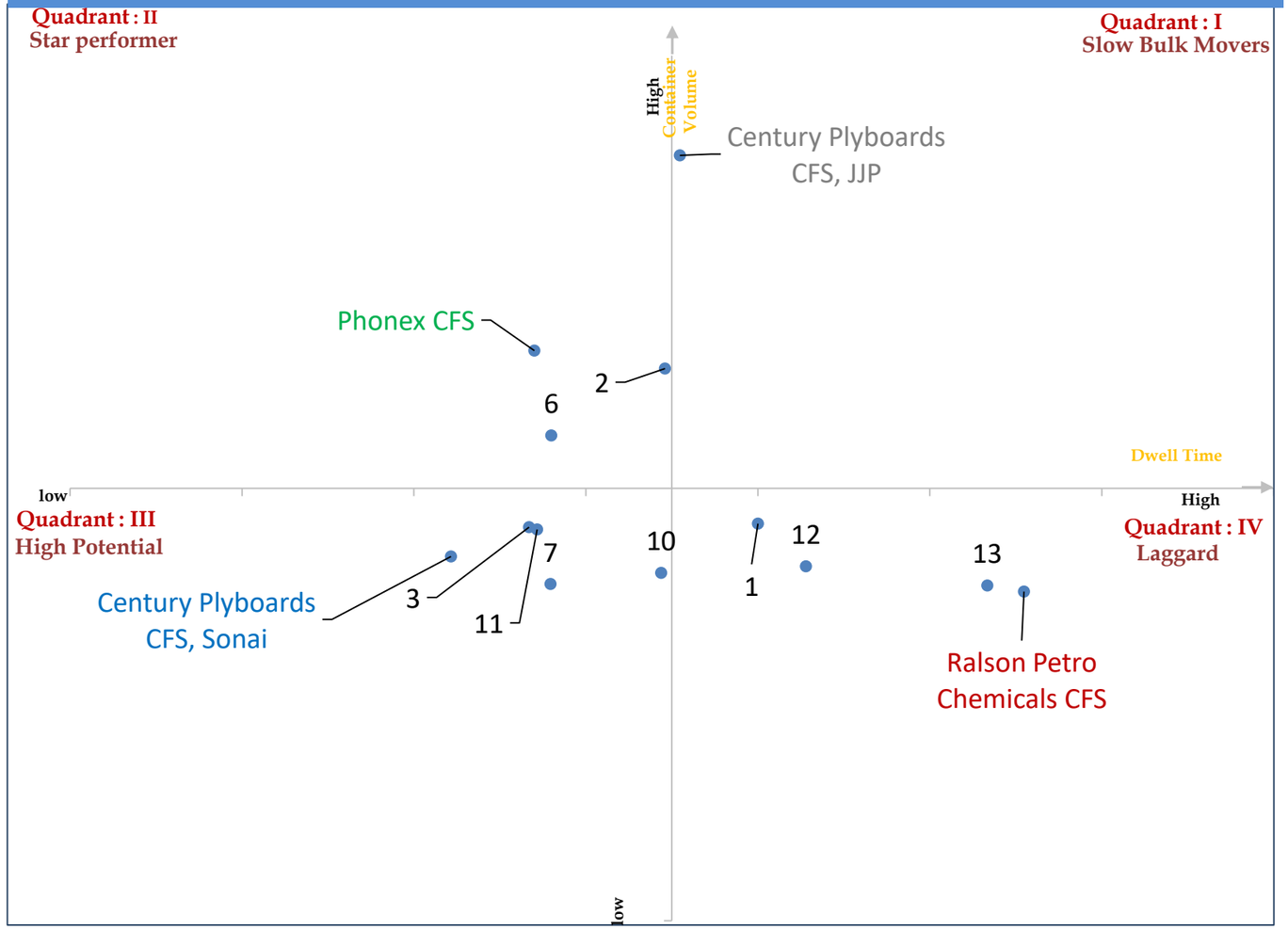
CFS Performance Benchmarking & Performance Index - Eastern Corridor

Performance Benchmarking - CFS

Performance Index: Eastern Corridor CFS



Performance benchmarking for CFS covered under LDB project in Eastern Corridor for Sept'19

Top Performing Terminal	
Phonex CFS	
Aug'19	Sept'19
148.9 hrs	124.1 hrs ↑

Low Performing Terminal	
Ralson Petro Chemicals CFS	
Aug'19	Sept'19
175.7 hrs	191.4 hrs ↓

Note: The performance benchmarking is based on performance index

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

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

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Key Highlight - Analysis of Container Movement across India

The analysis consists of the Turnaround time of container i.e., average time taken by container in India for the complete EXIM cycle and the cross movement of containers at different Port Terminal. The analysis has been done for the month of April'19 to September'19.

Turnaround time logic : (Out time stamp of Export Cycle – In time stamp of Import Cycle)

JNPT Port Terminal

Depicted below is the movement of container (Imported at JNPT) within Indian Landscape

Average Turnaround time
26.3 days
Depicts the overall time containers spent in India

Imported at	Exported from	Volume Distribution
JNPT	JNPT Port Terminal	88.3%
	APSEZ Port Terminal	10.6%
	Chennai Port Terminal	0.4%
	Others	0.7%

APSEZ Port Terminal

Depicted below is the movement of container (Imported at APSEZ) within Indian Landscape

Average Turnaround time
27.8 days
Depicts the overall time containers spent in India

Imported at	Exported from	Volume Distribution
APSEZ	APSEZ Port Terminal	95.5%
	JNPT Port Terminal	2.9%
	Kochi Port Terminal	0.7%
	Others	0.9%

Chennai Port Terminal

Depicted below is the movement of container (Imported at Chennai Port) within Indian Landscape

Average Turnaround time
24.5 days
Depicts the overall time containers spent in India

Imported at	Exported from	Volume Distribution
Chennai Port	Chennai Port	88.6%
	Krishnapatnam	3.9%
	Vishakhapatnam	2.9%
	JNPT Port Terminal	2.3%
	APSEZ Port Terminal	0.9%
	Others	1.4%

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Annexure

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Individual Terminal Performance In Southern Corridor

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Chennai Port Terminals: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	32.6	46.2
Truck	33.6	48.0

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	80.2	90.7
Truck	80.2	91.1
Train	79.4	81.5

Transit Time

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
Port to CFS	2.9	2.85

Towards CFS

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS to Port	5.6	5.9

From CFS

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	91.9	106.1

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

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

Container Lifecycle (Export Cycle)

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Kattupali Port Terminal: Container Transportation

Port Dwell Time

IMPORT

Port

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	50.0	65.0

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	91.9	106.1

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

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

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Kochi Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	76.0	74.0

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	81.7	91.5

Transit Time

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
Port to CFS	0.5	0.4

Towards CFS

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS to Port	0.98	1.3

From CFS

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	124.7	142.8

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

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

Container Lifecycle (Export Cycle)

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Tuticorin Port Terminal: Port Dwell Time Performance

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Container Lifecycle

Port Dwell Time

IMPORT

Terminals	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	23.2	20.5
DBGT Port terminal	19.6	17.1
PSA SICAL	42.2	34.5

EXPORT

Terminals	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	65.9	65.7
DBGT Port terminals	65.6	67.3
PSA SICAL	66.3	62.4

Transit Time

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
Port to CFS	0.73	0.67

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS to Port	2.0	1.8

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	152.5	159.0

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

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

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Krishnapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

Port Dwell Time*

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	121.2	124.8

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	66.5	71.3

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	96.0	101.9

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

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

Cargo Dwell Time

Port

Port Cargo Dwell time	Aug'19 (in hrs)	Sept'19 (in hrs)
Import	120.0	100.6
Export	59.4	70.1

Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

Container Lifecycle (Export Cycle)

★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container

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New Mangalore Port Terminal: Container Transportation

Port Dwell Time

Port

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	168.9	209.3

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	174.5	129.3

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Individual Terminal Performance In Eastern Corridor

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Vishakhapatnam Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	35.1	50.4

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	83.4	75.1

Transit Time

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
Port to CFS	1.82	1.81
CFS to Port	2.4	3.0

Towards CFS

From CFS

Container Freight Station (CFS)– Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	155.0	143.7

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

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

Container Lifecycle (Export Cycle)

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Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	32.8	38.3

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	111.3	123.1

Container Freight Station (CFS)– Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	145.8	135.7

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

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

Container Lifecycle (Export Cycle)

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

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Haldia Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	99.9	85.0

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	83.1	120.0

Container Freight Station (CFS)– Dwell Time

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	168.9	157.4

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

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

Container Lifecycle (Export Cycle)

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Individual Terminal Performance In Western Corridor

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Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	28.2	26.1
Truck	25.7	24.5
Train	48.4	34.3

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	68.6	63.9
Truck	69.5	64.3
Train	56.4	60.0

Transit Time

Towards ICD

Station

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
Port to ICD	76.0	67.9
Port to CFS	3.7	4.0

Towards CFS

From ICD

Station

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
ICD to Port	74.9	72.9
CFS to Port	5.0	5.3

From CFS

Container Freight Station (CFS) / Inland Container Depot (ICD) – Dwell Time

ICD

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	82.4	86.9
ICD	137.5	132.5

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

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

Container Lifecycle (Export Cycle)

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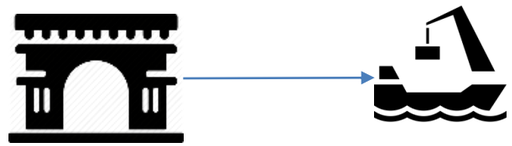
JNPT Region: Parking Plaza Dwell Time Analysis

Container handling performance around Parking Plaza and NSIGT Port Terminal is depicted below for the month Aug'19 and Sept'19

Parking Plaza Gate In – Gate Out



Parking Plaza Gate Out – Terminal In

Waiting Time at Parking Plaza

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	6.9	7.7

Transit time from Parking plaza to terminal

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	1.88	1.3

Export Cycle

The marked entries showcase the increase in performance compared to last month

The marked entries showcase the decrease in performance compared to last month

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Container Transportation- JNPT Port Terminals

IMPORT CYCLE DWELL TIME (Sept'19 – in hrs)			Compared to Aug'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**26.1**	**7%** ↑
	Port Dwell Time for Truck Bound Containers	**24.5**	**5%** ↑
	Port Dwell time for Train Bound Containers	**34.3**	**29%** ↑
	Port Dwell time Direct Port Delivery (DPD) containers	**46.0**	**5%** ↓
	Port Dwell time Containers bound for CFS	**22.6**	**10%** ↑
	Port Dwell for Empty Containers	**37.8**	**19%** ↑
	Port Dwell for Laden Containers	**25.0**	**6%** ↑
TRANSIT TIME	Port to ICD	**67.9**	**11%** ↑
	Port to CFS	**4.0**	**9%** ↓

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Aug'19

EXPORT CYCLE DWELL TIME (Sept'19– in hrs)			Compared to Aug'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**63.9**	**7%** ↑
	Port Dwell Time for Truck Bound Containers	**64.3**	**7%** ↑
	Port Dwell time for Train Bound Containers	**60.0**	**6%** ↓
	Port Dwell time Direct Port Entry (DPE) containers	**69.6**	**7%** ↑
	Port Dwell time Containers bound from CFS	**56.8**	**15%** ↑
	Port Dwell for Empty Containers	**63.7**	**5%** ↑
	Port Dwell for Laden Containers	**65.5**	**9%** ↑
TRANSIT TIME	ICD to Port	**72.9**	**3%** ↑
	CFS to Port	**5.3**	**6%** ↓

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Aug'19

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Gujarat Port Terminals : Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	30.3	31.7
Truck	25.4	27.6
Train	90.8	72.8

EXPORT

Mode	Aug'19 (in hrs)	Sept'19 (in hrs)
Overall	105.9	99.6
Truck	104.3	100.0
Train	112.9	98.4

Transit Time

Towards ICD

Station

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
Port to ICD	80.6	90.3
Port to CFS	1.1	1.2

Towards CFS

From ICD

Station

Transit Cycle	Aug'19 (in hrs)	Sept'19 (in hrs)
ICD to Port	81.1	81.4
CFS to Port	0.79	0.78

From CFS

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

ICD

CFS

Entity	Aug'19 (in hrs)	Sept'19 (in hrs)
CFS	90.1	94.0
ICD	137.5	132.5

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

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

Container Lifecycle (Export Cycle)

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Container Transportation- Gujarat Port Terminals

IMPORT CYCLE DWELL TIME (Sept'19– in hrs)			Compared to Aug'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**31.7**	**5%** ↓
	Port Dwell Time for Truck Bound Containers	**27.6**	**8%** ↓
	Port Dwell time for Train Bound Containers	**72.8**	**20%** ↑
TRANSIT TIME	Port to ICD	**90.3**	**12%** ↓
	Port to CFS	**1.2**	**10%** ↓

EXPORT CYCLE DWELL TIME (Sept'19– in hrs)			Compared to Aug'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**99.6**	**6%** ↑
	Port Dwell Time for Truck Bound Containers	**100.0**	**4%** ↑
	Port Dwell time for Train Bound Containers	**98.4**	**13%** ↑
TRANSIT TIME	ICD to Port	**81.4**	**0.4%** ↓
	CFS to Port	**0.78**	**1%** ↑

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Aug'19

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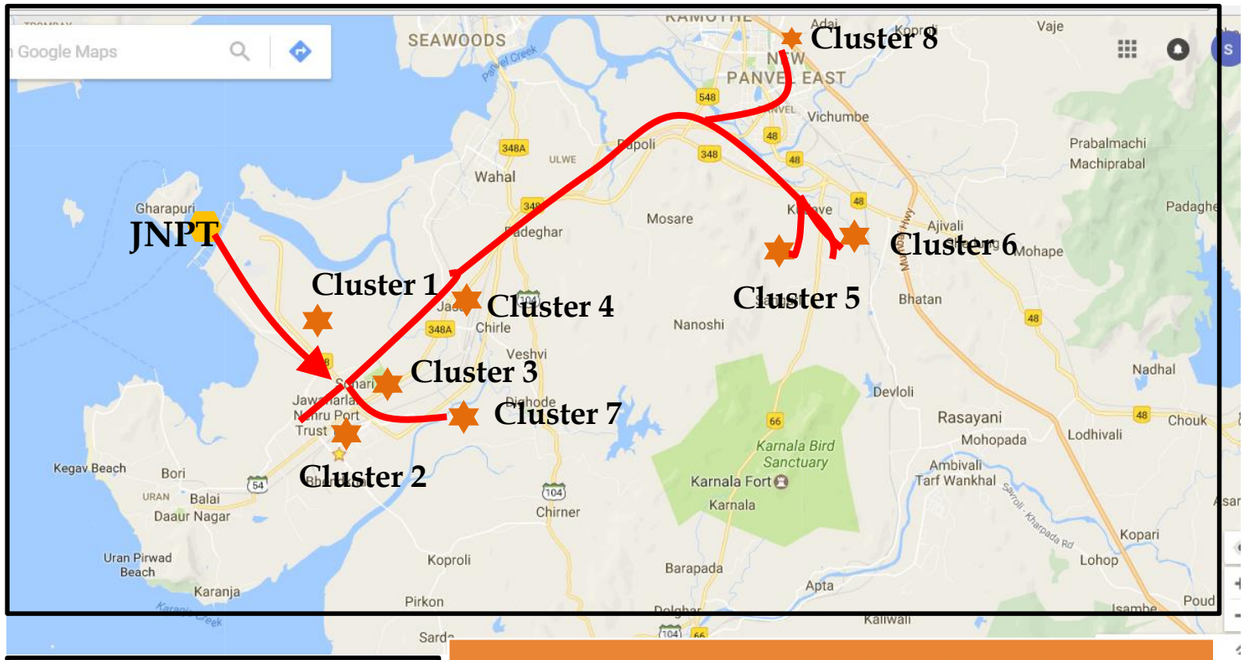
JNPT Region: Congestion Analysis

JNPT – Import – Sept'19

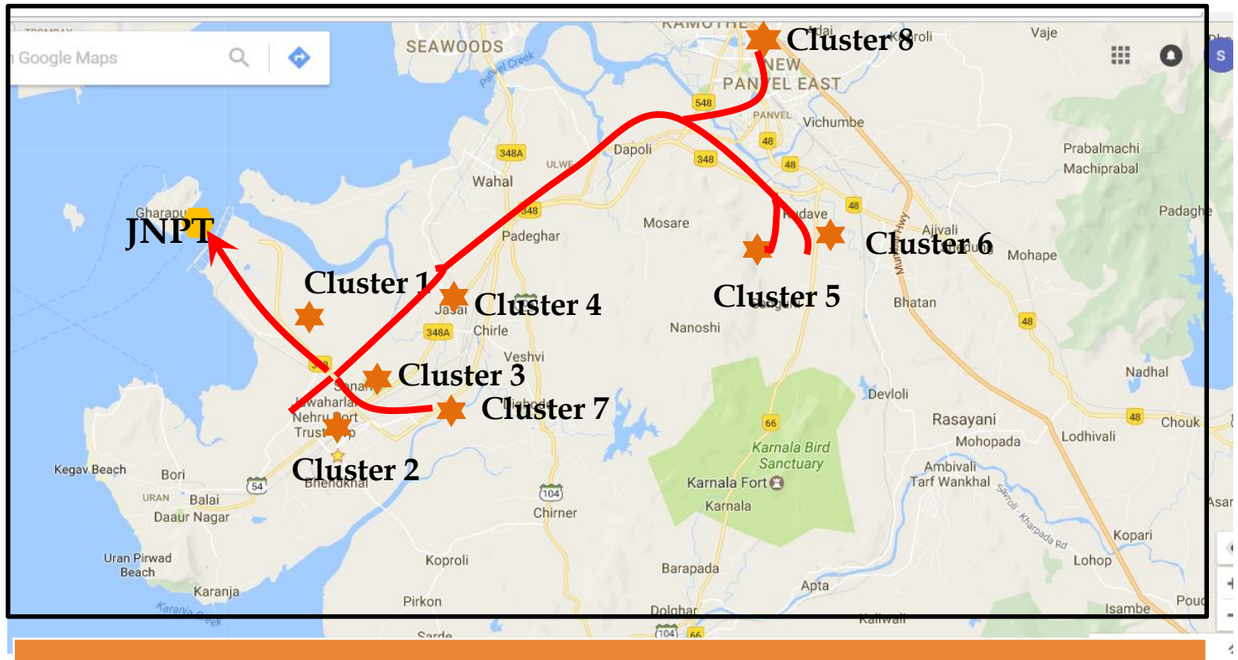


Legends

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

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, Coach kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

JNPT – Export – Sept'19



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, Coach kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

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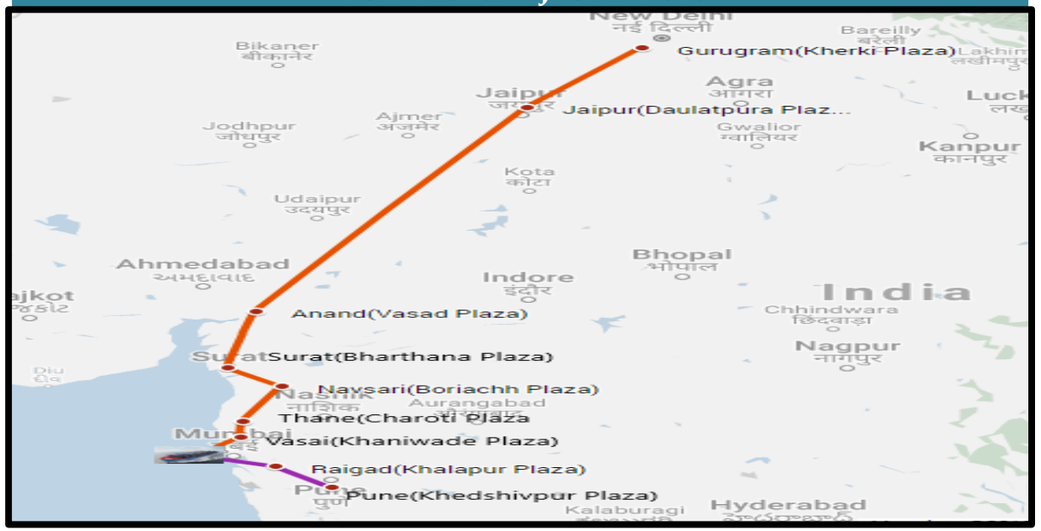
Western Corridor Toll Plaza Analysis

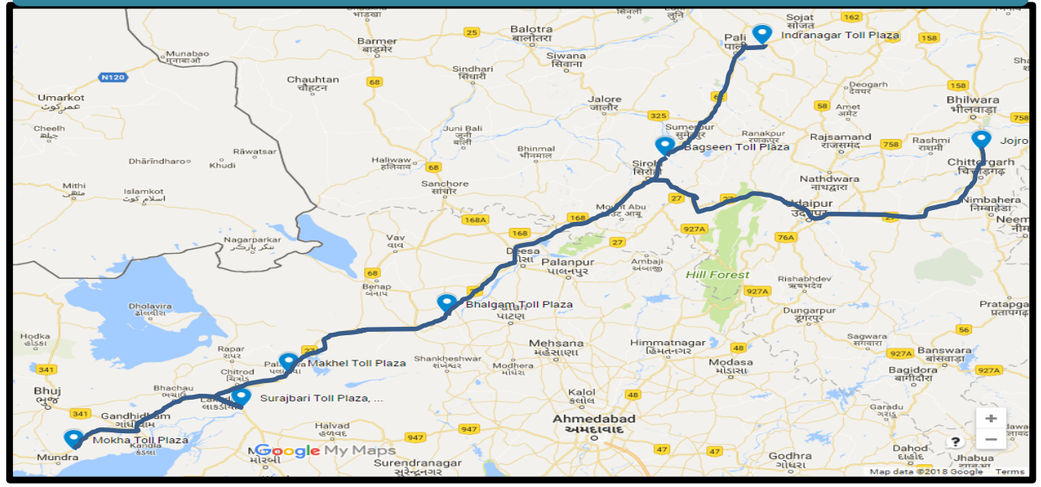
Avg. Speed between Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Aug'19 (in km/hrs)	Sept'19 (in km/hrs)
JNPT	JNPT	Khaniwade	94	13.1	11.5
	JNPT	Khalapur	60	11.22	11.21
	Khaniwade	Charoti	50	33.6	33.7
	Charoti	Boriach	126	26.3	26.8
	Boriach	Bharthan	142	31.3	31.8
	Bharthan	Vasad	60	39.7	39.2
	Khalapur	Khedshivpur	105	25.3	27.9
	Daulatpura	Kherki	199	23.1	23.5
APSEZ	APSEZ	Mokha	28	19.5	21.7
	Mokha	Makhel	150	26.2	24.8
	Mokha	Surajbari	115	25.8	24.6
	Makhel	Bhalgam	108	38.0	37.6
	Bhalgam	Uthamam	209	29.1	28.4
	Uthamam	Indranagar	109	35.2	36.1

Toll Plaza - JNPT Port



Toll Plaza – APSEZ Port



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Annexure – Western Region

List of CFS name used in CFS Performance Index

1	Adani CFS Eximyard, Mundra
2	Adani CFS, Hazira
3	AllCargo CFS, Mundra
4	Ameya Logistics CFS, Navi Mumbai
5	APM (Maersk India) CFS, Navi Mumbai
6	Apollo Logisolutions CFS, Panvel
7	Ashte Logistics CFS, Panvel
8	Ashutosh CFS, Mundra
9	Balmer & Lawrie CFS, Navi Mumbai
10	Continental Warehousing CFS, Navi Mumbai
11	CWC Hind Terminal CFS, Navi Mumbai
12	Dronagiri Rail Terminal CFS, Navi Mumbai
13	EFC Logistics India
14	Gateway Distriparks CFS, Navi Mumbai
15	Hind Mundra Terminals CFS, Mundra
16	Hind Terminal CFS, Hazira
17	Honey Comb CFS, Mundra
18	Indev Logistics CFS, Panvel
19	International Cargo Terminal CFS
20	International Cargo Terminals (ULA) CFS, Navi Mumbai
21	JWC Logistics Park CFS
22	JWR CFS
23	Landmark CFS, Mundra
24	Maersk Annex (APM)CFS, Navi Mumbai
25	MICT CFS, Mundra
26	Mundhra CFS, Mundra
27	Navkar Corporation Yard 2 CFS, Panvel
28	Navkar Corporation Yard 3 CFS, Panvel
29	Ocean Gate CFS, Panvel
30	Punjab Conware CFS, Navi Mumbai
31	Sarveshwar CFS
32	Saurashtra CFS, Mundra
33	Seabird CFS, Hazira
34	Seabird CFS, Mundra
35	Seabird CFS, Navi Mumbai
36	Speedy Multimode CFS, JNPT
37	Take Care Logistics CFS
38	TG Terminals CFS
39	TG Terminals CFS, Mundra
40	Transindia Logistics Park, Navi Mumbai
41	Transworld CFS, Mundra
42	Vaishno Logistics 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, Dadri
8	CONCOR Kanakpura ICD, Jaipur
9	CONCOR Mulund ICD, Mumbai
10	CONCOR Tughlakabad ICD, New Delhi
11	Gateway Rail Freight ICD, Gurgaon

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Annexure – Southern & Eastern Region

List of CFS name used in Southern CFS Performance Index

1	A S Shipping Agencies CFS, Tiruvallur
2	A.S.Shipping Agencies Pvt Ltd
3	Adani CFS, Kattupalli Tiruvallur Tamil Nadu
4	Allcargo Global Logistics CFS, Chennai
5	ALS Tuticorin Terminal Private Limited
6	Balmer Lawrie CFS, Chennai
7	Calyx Container Terminal CFS, Chennai
8	Chola Logistiks Pvt Ltd
9	Concor CFS, Chennai
10	Continental Warehousing Corporation CFS (Nhava Seva), Chennai
11	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
12	Gateway Distripark CFS, Krishnapatnam
13	GDKL CFS
14	Glovis India CFS, Kanchipuram
15	Hari CFS
16	Kailash Shipping Services CFS, Chennai
17	Kerry Indev Logistics ICD, Kanchipuram
18	MIV CFS
19	Prompt Terminals (P) Ltd
20	Raja Agencies CFS
21	Sanco Trans CFS, Chennai
22	Sattva Cfs And Logistics CFS, Chennai
23	Seabird CFS, Krishnapatnam
24	Sical CFS, Chennai Tiruvallur Tamil Nadu
25	Sical Multimodal and Rail Transport Ltd. - CFS Division
26	St. John Freight Systems Ltd. - ICD Division
27	Triway CFS, Chennai

List of CFS name used in Eastern CFS Performance Index

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

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