

CONTAINER LOGISTICS: TERMINALS IN SYRIA



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Introduction



THE MAIN OPERATIONS OF A TYPICAL CONTAINER TERMINAL (CT) MAY BE CLASSIFIED INTO

- GUIDING OF SHIPS BETWEEN ANCHORAGE AREAS AND BERTHS;
- BERTHING AND DEBERTHING OF SHIPS;
- POSITIONING OF CRANES ALONGSIDE SHIPS;
- LOADING AND UNLOADING OF CONTAINERS;
- MOVING CONTAINERS BETWEEN THE BERTH AND THE YARD;
- CONFIGURING AND OPERATING THE YARD;
- MOVING CONTAINERS BETWEEN THE YARD AND THE GATE.



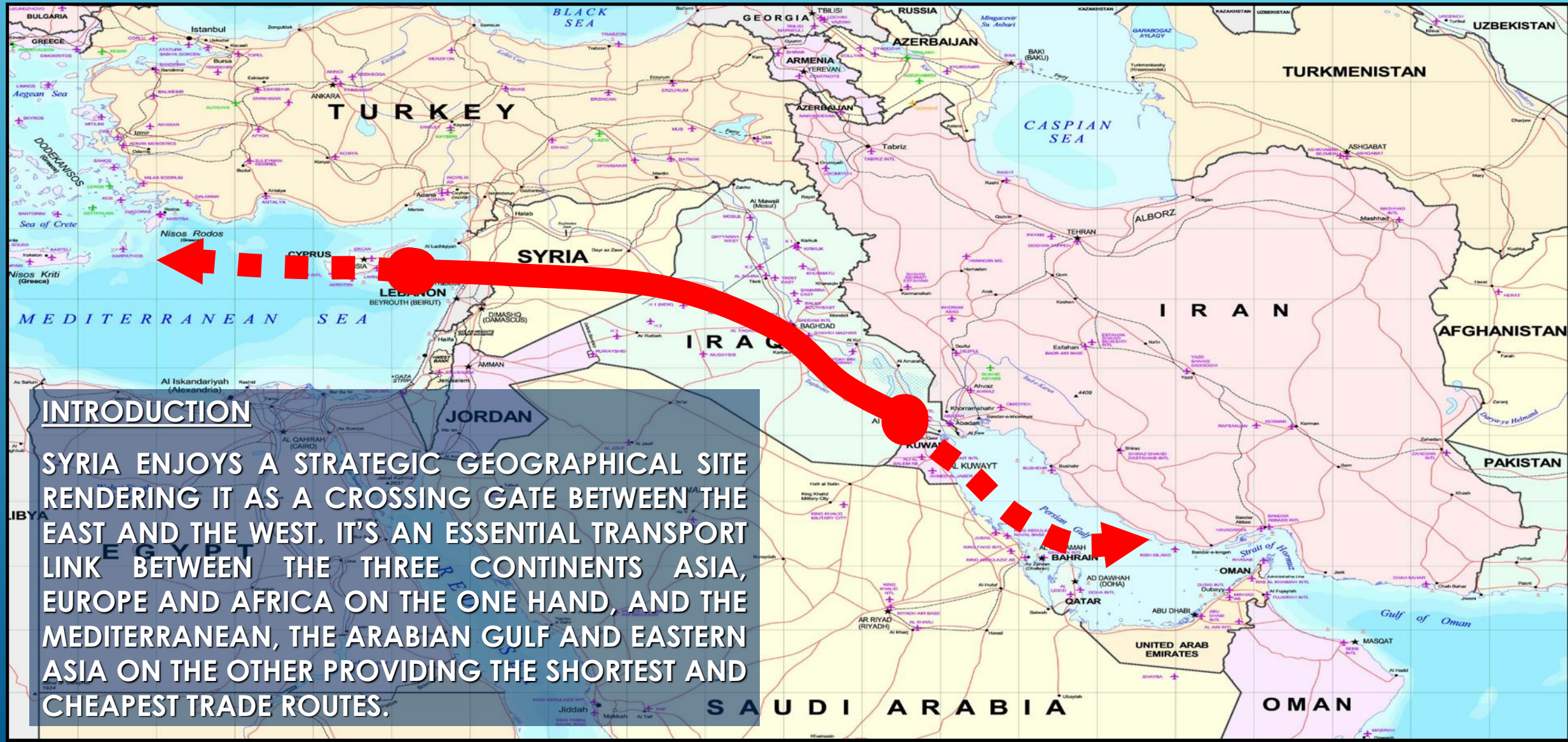
BUSINESS-TECHNICAL SYSTEMS OF CT ARE CHARACTERIZED BY HIGHLY SOPHISTICATED LOGISTIC TRANSPORT ACTIVITIES, WHICH INTEGRATE PHYSICAL FREIGHT FLOWS, FINANCIAL FLOWS AND INFORMATION FLOWS.

THE TWO BASIC PHASES OF CARGO FLOW:

- A) FROM FREIGHT RECEIVING IN THE PORT TO FREIGHT LOADING ONTO THE SHIP,
- B) FROM FREIGHT UNLOADING FROM THE SHIP TO ITS DELIVERY BY TRUCK OR TRAIN.

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SYRIAN PORTS

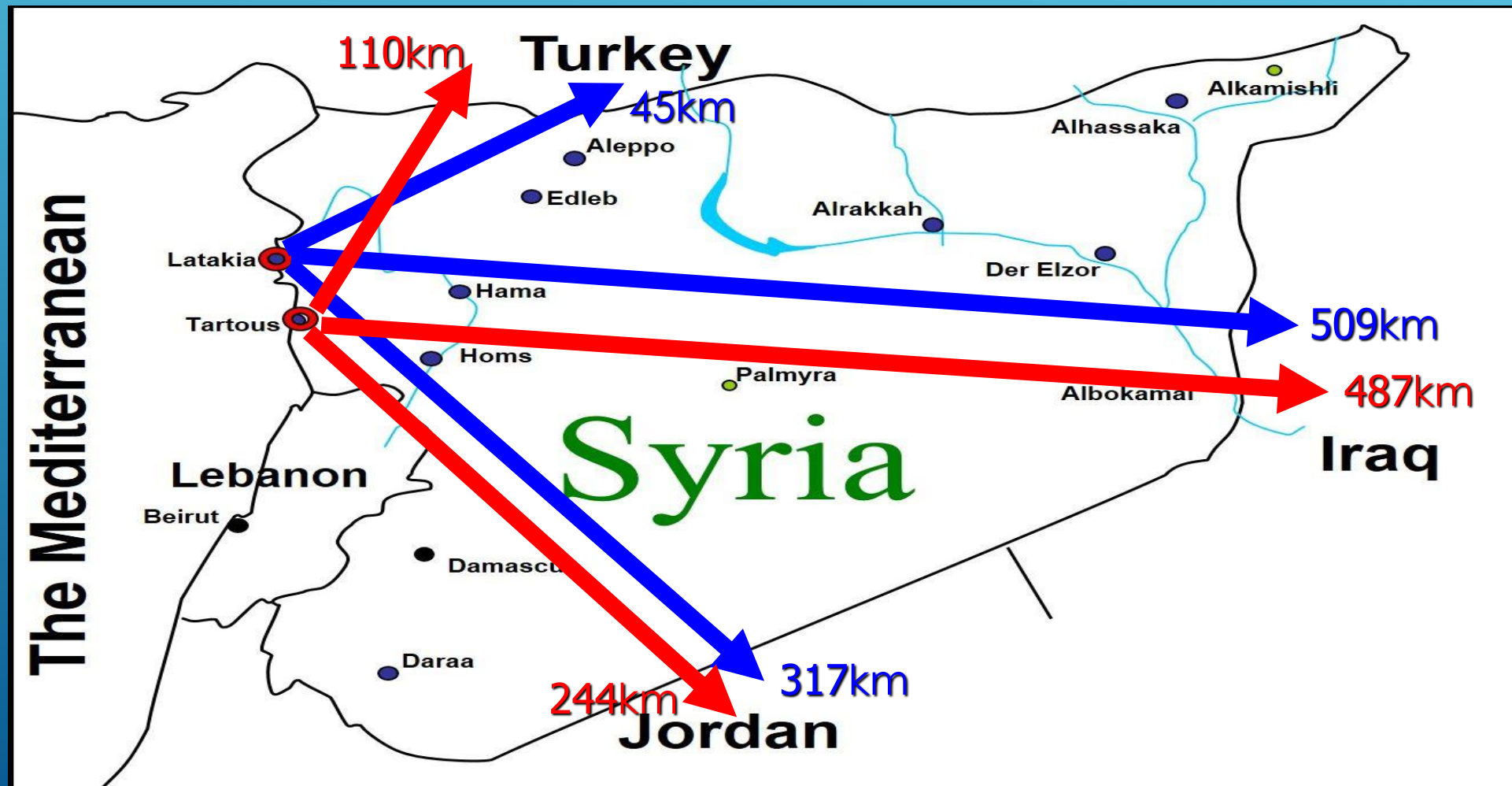


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SYRIAN PORTS LOCATION



LOCATED AT EAST COAST OF THE MEDITERRANEAN, SYRIA'S TWO MAJOR SEAPORTS (LATTAKIA & TARTOUS) ARE REGARDED AS A CROSSING POINT OF THE EAST AND WEST DATING BACK IN HISTORY TO THE PHOENICIAN ERA.



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LATTAKIA PORT

SITE:

LATITUDE: 35.5318642°

LONGITUDE: 35.75483515°

CLIMATE

TEMPERATE BELOW TROPICAL.

MIN. TEMP.: 0°C

MAX. TEMP.: 32°C

PREVAILING WIND: SE&SW

RAINFALL: 775 MM/YEAR.

TIDAL RANGE: ±40 CM

DISTANCE FROM DAMASCUS: 348KM.

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TARTOUS PORT

SITE:

LATITUDE: 34.9054203°

LONGITUDE: 35.8549099°

CLIMATE

TEMPERATE BELOW TROPICAL.

MIN. TEMP.: 0°C

MAX. TEMP.: 32°C

PREVAILING WIND: SW

RAINFALL: 700 MM/YEAR.

TIDAL RANGE: ±50 CM

DISTANCE FROM DAMASCUS: 258KM.

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Nearby
terminals



LATTAKIA INTERNATIONAL CONTAINER TERMINAL (LICT)

THE CONTAINER TERMINAL IN LATTAKIA PORT IS OPERATED BY LICT ACCORDING TO THE PARTNERSHIP CONTRACT (CMA-CGM, TERMINAL LINK COMPANY AND SYRIA HOLDING CO.) WHICH ENTERED INTO FORCE IN 1/10/2009.

LICT TOTAL AREA: 656.800M²

CONTAINER STORAGE DAILY CAPACITY : 28.360 TEUS

NO. OF BERTHS : 4

BERTH LENGTHS: BERTH 12 AND 12A – 370M / BERTH 14 AND 15 – 440M

BERTH CONTROLLING DEPTH : 11.8M TO 13.3M

LICT'S YARDS:

- FULL CONTAINER YARDS
- EMPTY CONTAINER YARDS
- REEFER CONTAINER YARD
- CONTAINER INSPECTION YARD
- CONTAINER STRIPPING/ STUFFING YARDS

LCL WAREHOUSE NO. /27/

SINGLE WINDOW OFFICE.

CENTRAL MAINTENANCE WORKSHOP FULLY EQUIPPED.

TIER III UPTIME INSTITUTE GREEN DATA CENTER

ENTRY/ EXIT GATES

242 REEFER STUCK PLUGS

EQUIPMENT :

-QUAY CRANES

GANTRY CRANE: 4 CRANES

MOBILE HARBOR CRANE: 2 CRANES

-STRADDLE CARRIERS

-REACH STACKERS

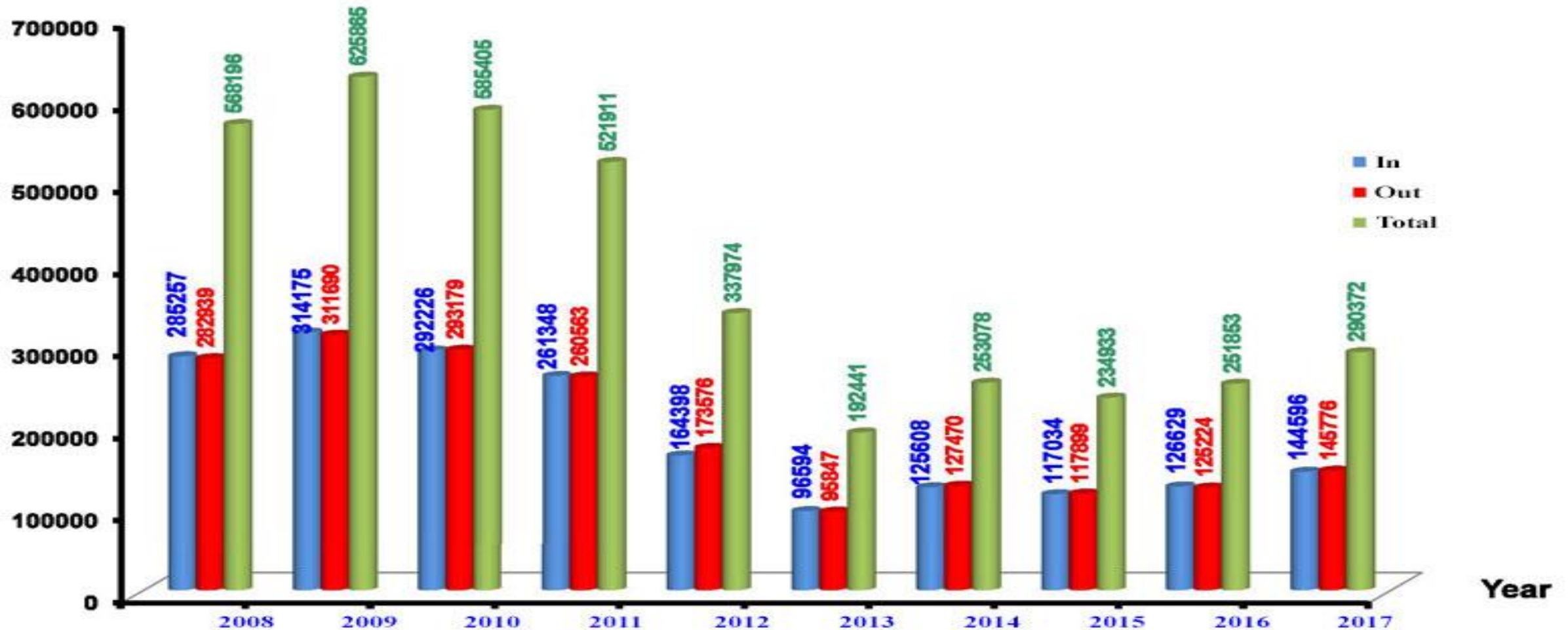
-TOP/ SIDE LIFTERS

-TRUCKS

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LATTAKIA PORT: CONTAINER HANDLING STATS 2008-2017 (TEUS)



TARTOUS CONTAINER TERMINAL (TCT)

THE CONTAINER TERMINAL IN TARTOUS PORT IS CURRENTLY OPERATED BY THE GENERAL COMPANY OF TARTOUS PORT (TPGC). FORMERLY KNOWN AS TARTOUS INTERNATIONAL CONTAINER TERMINAL (TICT), IT WAS OPERATED BY PHILIPPINE INTERNATIONAL CONTAINER TERMINAL SERVICES UNDER A 10-YEAR B.O.T CONTRACT. HOWEVER, IN 2013 THE PHILIPPINE OPERATOR PULLED OUT OF THE PORT.

TCT TOTAL AREA: 252.000M²

MAX. CONTAINER HANDLING: 400,000-500,000 TEUS

NO. OF BERTHS : 1

BERTH LENGTH: 545M

BERTH CONTROLLING DEPTH : 12M TO 13M

TICT'S YARDS:

- FULL CONTAINER YARDS
- EMPTY CONTAINER YARDS
- REEFER CONTAINER YARD
- CONTAINER INSPECTION YARD
- CONTAINER STRIPPING/ STUFFING YARDS

WAREHOUSE AREA: 15.000M²

SINGLE WINDOW OFFICE.

MAINTENANCE WORKSHOP.

ENTRY/ EXIT GATES

REEFER CONTAINER CAPACITY: 432

EQUIPMENT :

-QUAY CRANES

GANTRY CRANE: 4 CRANES

MOBILE HARBOR CRANE: 2 CRANES

-STRADDLE CARRIERS

-REACH STACKERS

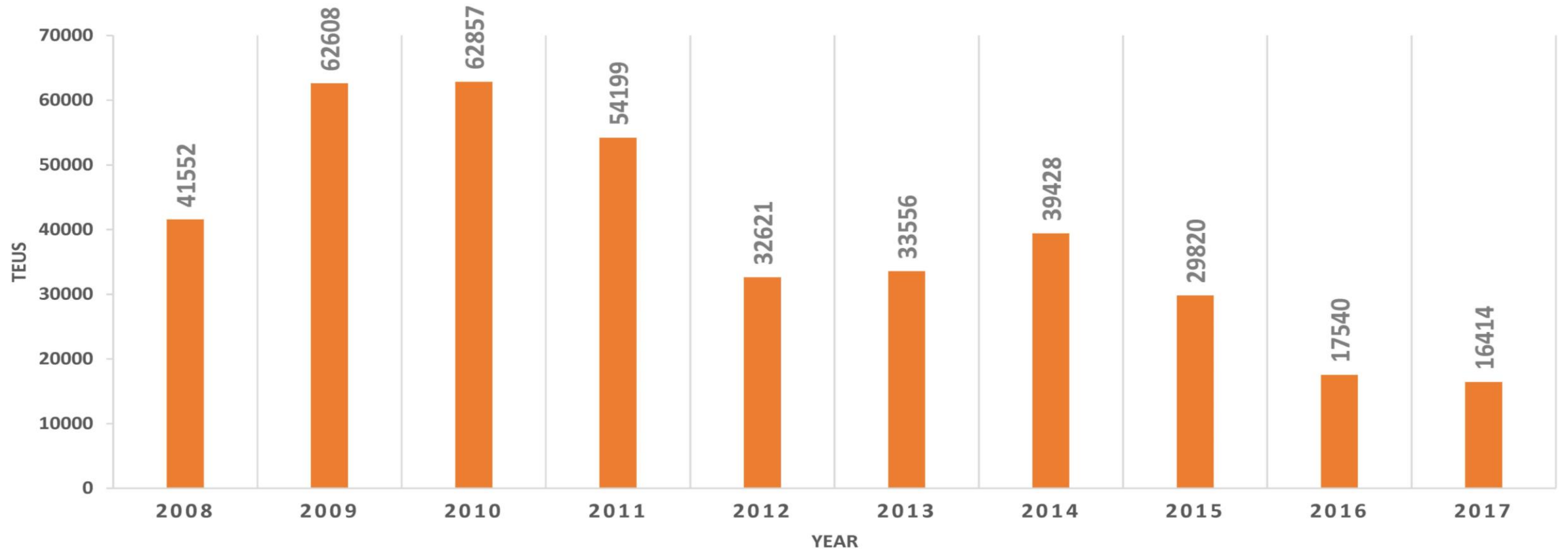
-TOP/ SIDE LIFTERS

-TRUCKS

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TARTOUS PORT: CONTAINER HANDLING STATS 2008-2017 (TEUS)



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TOP CONTAINER LINES AT SYRIAN PORTS IN 2017

No.	LINE	TEUs
1.	ANL	78.018
2.	MSC	50.295
3.	COSCO	39.083
4.	HAPAG LLOYD	31538
5.	MAERSK	29.987
6.	ARKAS	24.402
7.	SEAGO	23.868
8.	HAMBURG SÜD	19.168
	Other lines	10.427

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CASE STUDY: LATTAKIA INTERNATIONAL CONTAINER TERMINAL (LICT) HANDLING PROCEDURES

LICT HANDLES THE FOLLOWING ACTIVITIES:

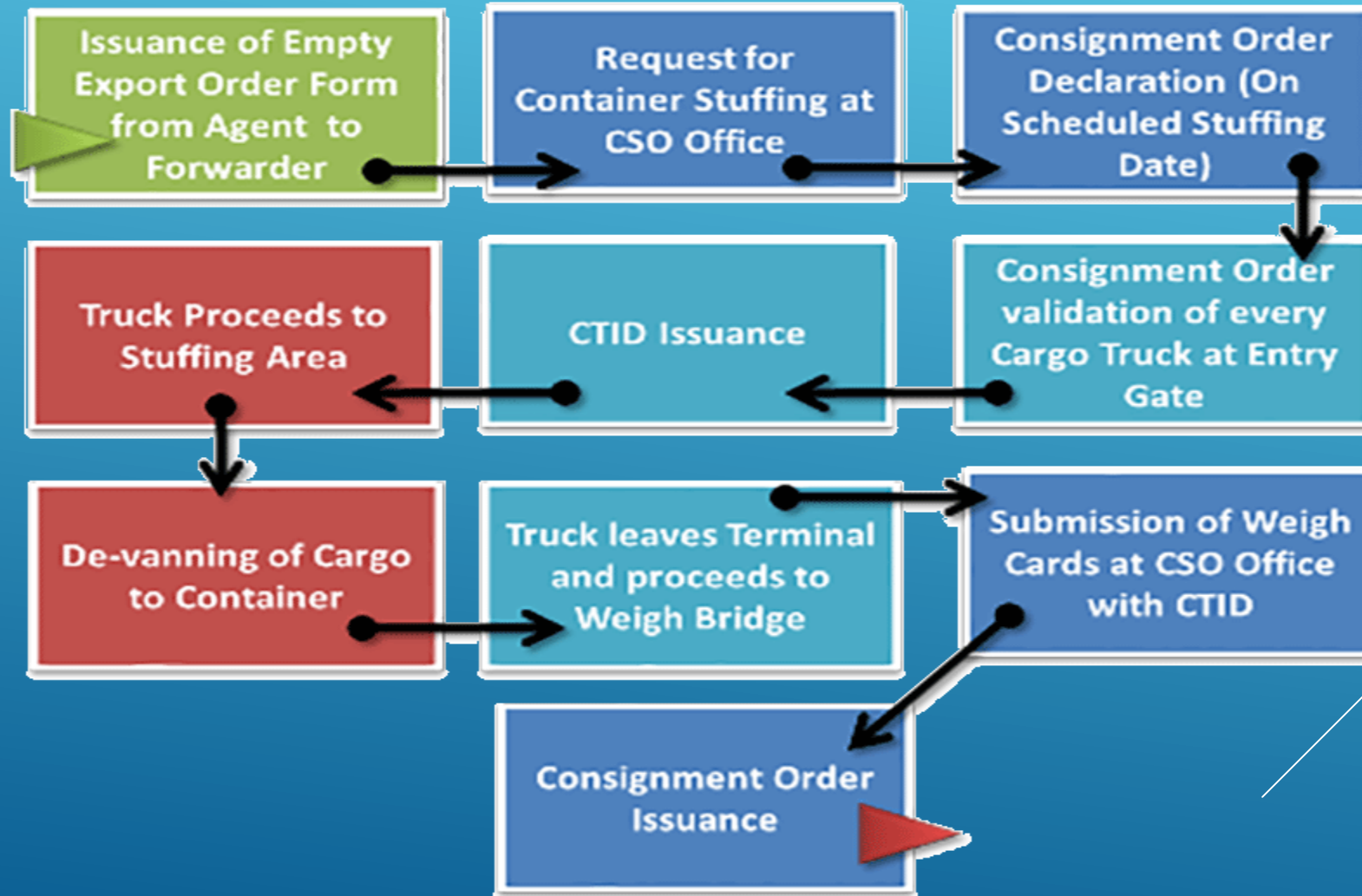
- BERTH ALLOCATION OF ALL VESSELS REQUIRING BERTH
- CONTAINERS LOAD & DISCHARGE TO & FROM VESSELS
- STORAGE OF CONTAINER (ALL CONTAINER TYPES)
- CFS STORAGE OF NON-REEFER CARGO
- ADDITIONAL SERVICES RELATED TO LIFTING & MOVING OF CONTAINER, CARGO, ETC...
- CFS ACTIVITIES; STUFFING/UN-STUFFING OF CONTAINERS AND VALUE ADDED SERVICES.



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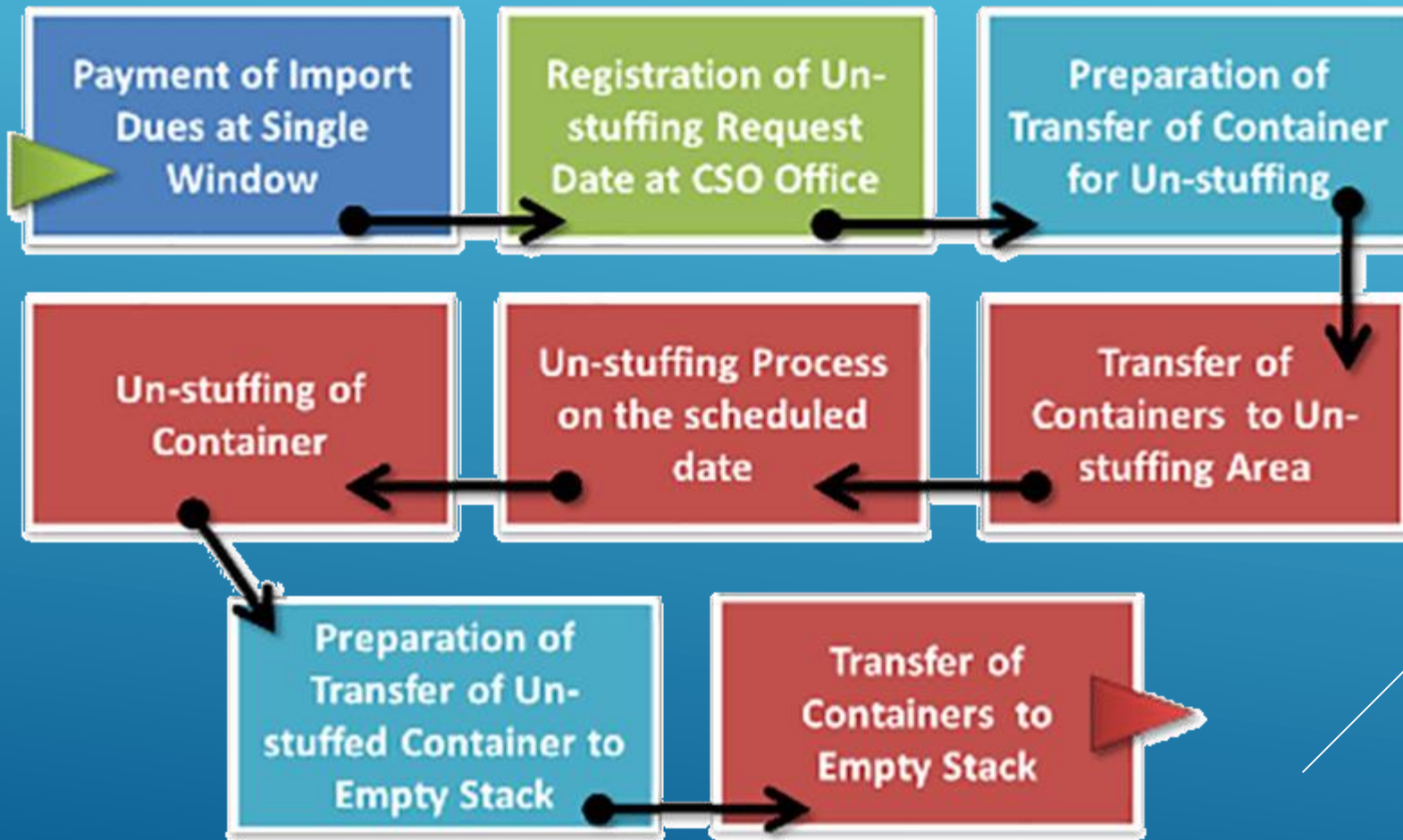
LICT: FCL CONTAINER STUFFING PROCEDURE (EXPORT PROCESS)



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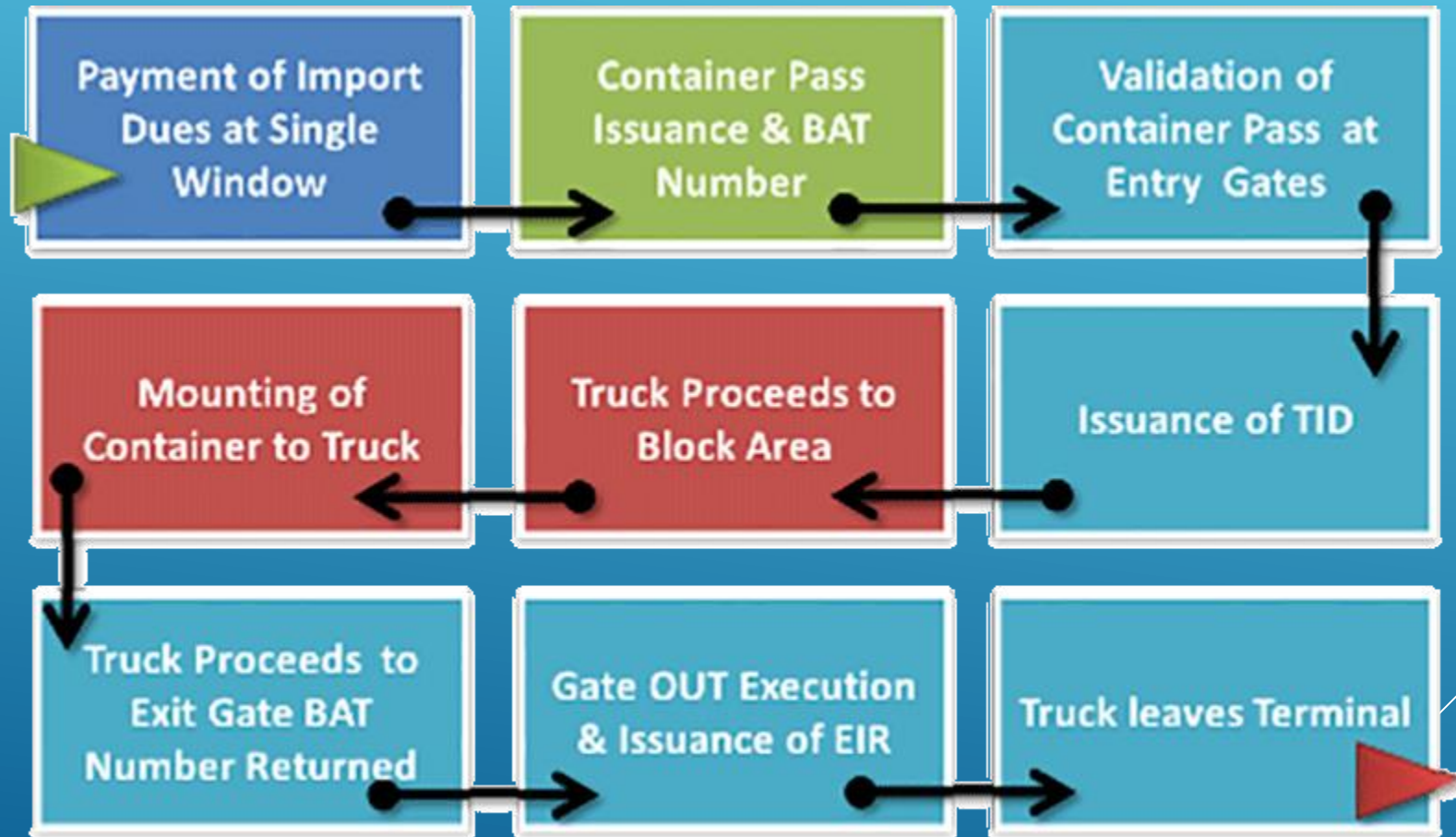
LICT: FCL CONTAINER UN-STUFFING PROCEDURE (IMPORT PROCESS)



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LICT: FCL DELIVERY (IMPORT PROCESS)



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THE END
THANK YOU!