

# Container Transport

## Liner Shipping Operations

Eric Ting

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### Liner Services

- Head Quarter
- Subsidiaries
- Branch Offices



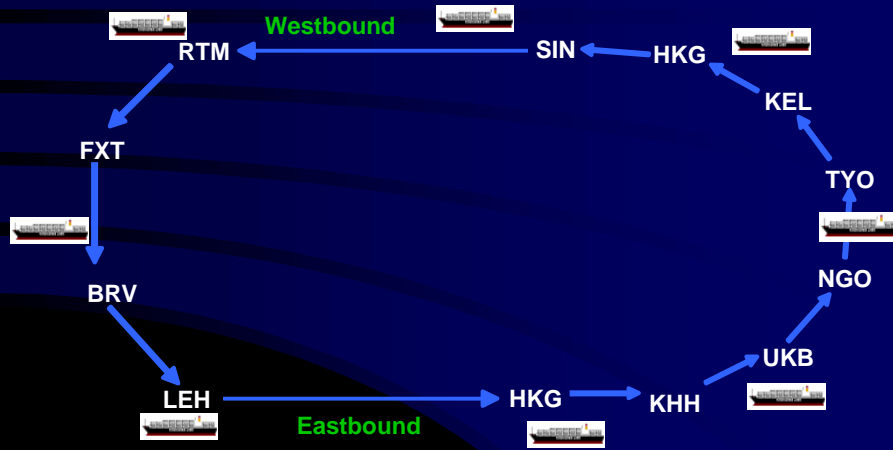
- Agents
- Forwarders
- Direct Accounts



- Fleet
- Containers
- Route, Schedule
- Space (Slots)
- Ports of call
- Cargo

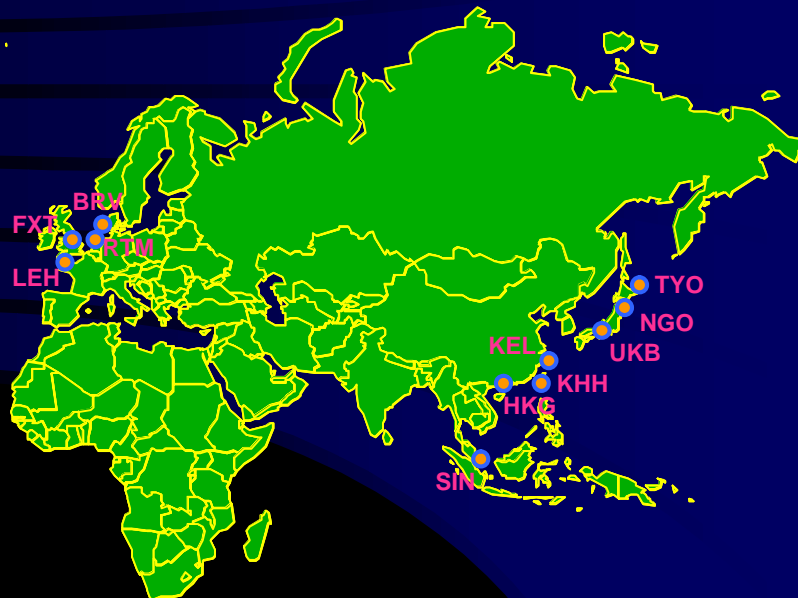
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## An Example for Service Route: Asia/N. Europe



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## An Example for Service Route: Asia/N. Europe



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## EU 1



**Asia - Europe (Westbound)**  
Kobe/Nagoya/Tokyo/Shimizu/Singapore/Southampton/  
Amsterdam/Hamburg/Le Havre

**Europe - Asia (Eastbound)**  
Southampton/Amsterdam/Hamburg/Le Havre/Singapore/  
Kobe/Nagoya/Tokyo/Shimizu

### Transit Time (Days)

#### Asia to Europe (Westbound)

From / To (Depart/Arrive)	Southampton (Sat)	Amsterdam (Mon)	Hamburg (Wed)	Le Havre (Fri)
Kobe (Tue)	25	27	29	31
Nagoya (Wed)	24	26	28	30
Tokyo (Fri)	22	24	26	28
Shimizu (Sat)	21	23	25	27
Singapore (Fri)	15	17	19	21

### Transit Time (Days)

#### Europe to Asia (Eastbound)

From / To (Depart/Arrive)	Singapore (Tue)	Kobe (Mon)	Nagoya (Tue)	Tokyo (Thu)	Shimizu (Sat)
Southampton (Sun)	23	29	30	32	34
Amsterdam (Tue)	21	27	28	30	32
Hamburg (Thu)	19	25	26	28	30
Le Havre (Sat)	17	23	24	26	28

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## South China Express (SCX)



**Far East to U.S. (Eastbound)**  
Laem Chabang/Singapore/Kaohsiung/Los Angeles/Oakland

**U.S. to Far East (Westbound)**  
Los Angeles/Oakland/Tokyo/Kaohsiung/Shekou/Laem Chabang/  
Singapore

### Transit Time (Days)

#### Far East to U.S. (Eastbound)

From / To (Depart/Arrive)	Los Angeles (Sat)	Oakland (Wed)
Kaohsiung (Tue)	11	15
Singapore (Fri)	14	18
Laem Chabang (Tue)	18	22
Shekou (Fri)	22	26
Tokyo (Sat)	27	31

### Transit Time (Days)

#### U.S. to Far East (Westbound)

From / To (Depart/Arrive)	Tokyo (Sat)	Kaohsiung (Wed)	Shekou (Thu)	Laem Chabang (Mon)	Singapore (Thu)
Oakland (Thu)	9	13	14	18	21
Los Angeles (Tue)	11	15	16	20	22

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# Atlantic Express (ATX)



**Europe - U.S. (Westbound)**  
 Rotterdam/Hamburg/Le Havre/  
 Southampton/New York/Norfolk/Charleston

**U.S. - Europe (Eastbound)**  
 New York/Norfolk/Charleston/Rotterdam/  
 Hamburg/Le Havre/Southampton

Transit Time (Days)

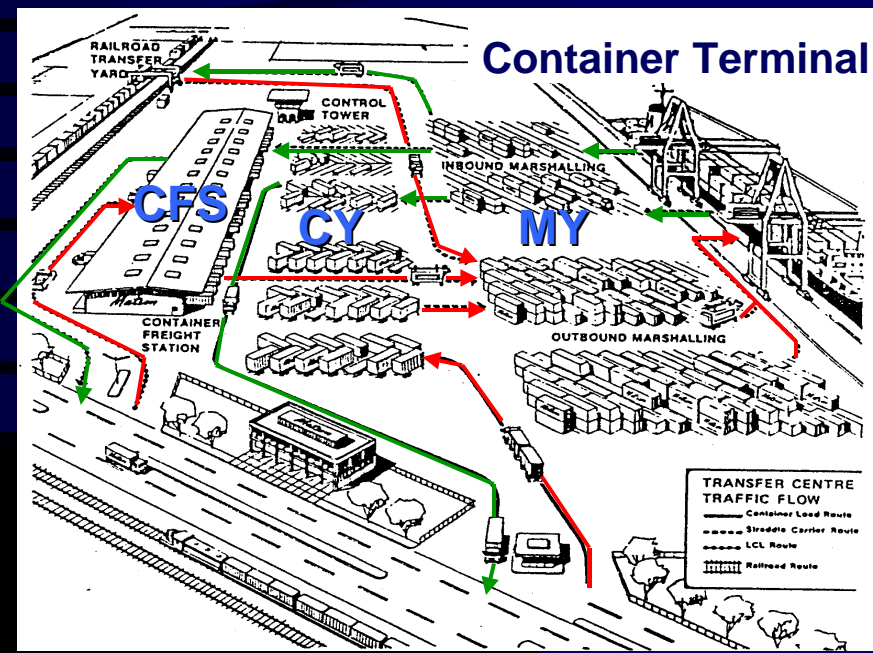
Europe to U.S. (Westbound)			
From / To (Depart/Arrive)	New York (Mon)	Norfolk (Wed)	Charleston (Fri)
Rotterdam (Tue)	13	15	17
Hamburg (Wed)	11	13	15
Le Havre (Sat)	9	11	13
Southampton (Sun)	11	10	12

Transit Time (Days)

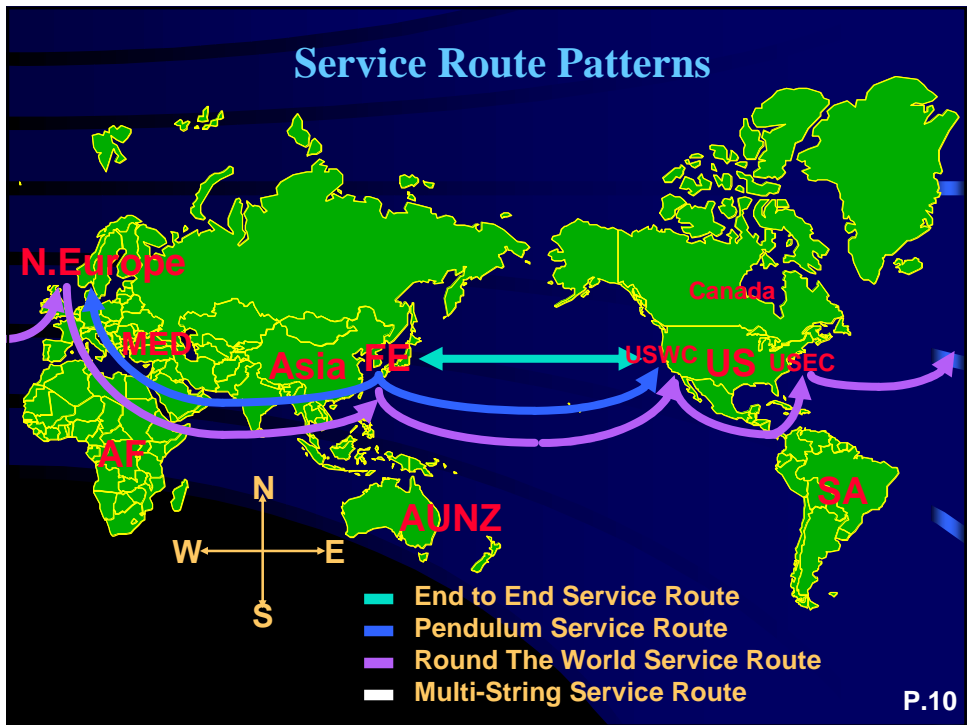
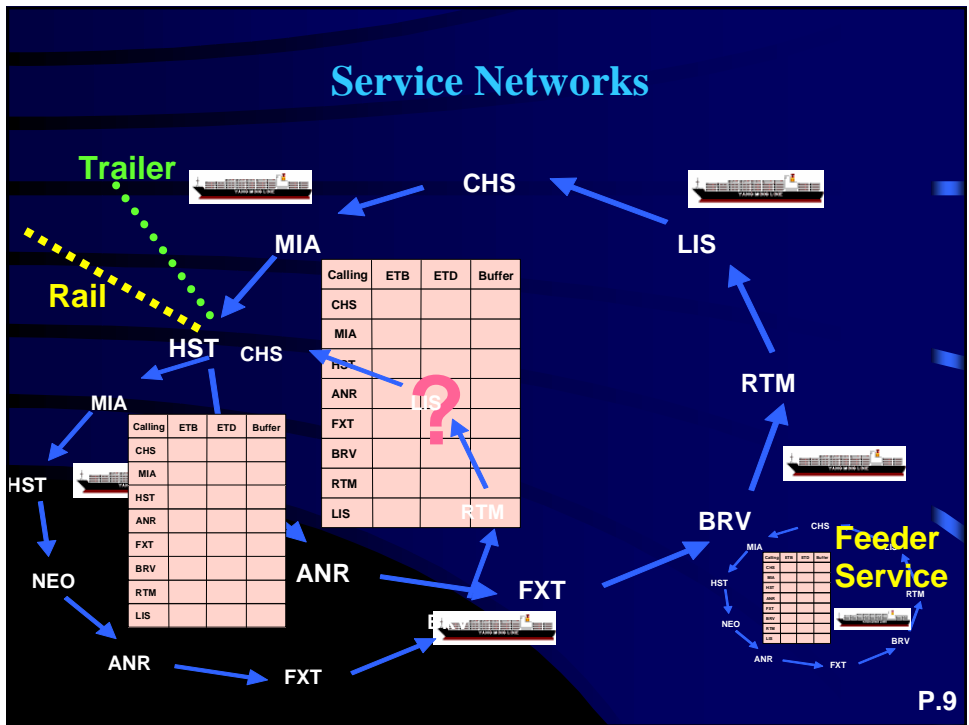
U.S. to Europe (Eastbound)				
From / To (Depart/Arrive)	Rotterdam (Mon)	Hamburg (Wed)	Le Havre (Fri)	Southampton (Sat)
New York (Tue)	13	15	17	18
Norfolk (Thu)	11	13	15	16
Charleston (Fri)	10	12	14	15

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# Container Terminal



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## Pacific Atlantic Service (PAX)

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**Transit Time (Days)**

**Far East to U.S. (Eastbound)**

From / To (Depart/Arrive)	Seattle (Fri)	Oakland (Mon)	Long Beach (Tue)	Savannah (Sat)	Norfolk (Mon)	New York (Tue)	Halifax (Fri)
Tokyo (Thu)	8	11	12	22	24	25	27
Nagoya (Wed)	9	12	13	23	25	26	28
Kobe (Thu)	10	13	14	24	26	27	29
Hong Kong (Sat)	13	16	17	27	29	30	32
Yantian (Fri)	14	17	18	28	30	31	33
Kaohsiung (Wed)	16	19	20	30	32	33	35

**Transit Time (Days)**

**U.S. to Far East (Westbound)**

From / To (Depart/Arrive)	Yokohama (Fri)	Kobe (Sat)	Kaohsiung (Wed)	Yantian (Thu)	Hong Kong (Fri)	Nagoya (Wed)
Oakland (Mon)	11	12	16	17	18	23
Long Beach (Sat)	13	14	18	19	20	25
Savannah (Sun)	25	26	30	31	32	37
Norfolk (Mon)	27	28	32	33	34	38
New York (Wed)	28	29	33	34	35	40
Halifax (Fri)	30	31	35	36	37	42

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## Asia East Coast Express (AEX - East Med)

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**Transit Time (Days)**

**Far East to East Med**

From / To	Izmir	Istanbul-Haydarpasa	Istanbul - Ambarli	Haifa	Ashdod	Piraeus	Thessaloniki
Singapore	23	20	19	22	21	19	21
Laem Chabang	26	23	22	25	24	22	24

**Transit Time (Days)**

**East Med to Far East**

From / To	Singapore	Laem Chabang
Izmir	21	24
Istanbul - Haydarpasa	24	27
Istanbul - Ambarli	25	28
Haifa	20	23
Ashdod	21	24
Piraeus	22	25
Thessaloniki	21	24

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檔案(F) 編輯(E) 檢視(V) 插入(I) 格式(O) 工具(T) 資料(D) 視窗(W) 說明(H)

《 Service : CO/KLYM TAS 2 ( S.USEC/GULF -- N.Europe ) 》

PROFORMA SCHEDULE

Calling Ports	Steaming Time			Time Diff.	Pilot In/Out		Working Time			Buffer		ETB			ETD					
	Dist.	Spd.	Time		PI	PO	Cgo	M/h	L/D	Time	In	Out	D	H	M	W. Day	D	H	M	
CHS	433	19	22.9	0			0.0	3.0	468	60	7.8	0.0	3.0	0	13	0	FRI	0	24	0
MIA	977	19	51.4	-1			2.0	2.0	421	60	7.0	2.0	3.0	2	5	30	SUN	2	15	30
HST	433	19	22.8	0			4.0	4.0	702	60	11.7	3.0	1.0	5	3	0	WED	5	16	0
NRO	4,859	18	269.9	7			2.5	2.0	468	60	7.8	2.0	2.0	6	23	0	THU	7	9	0
ANR	70	17	4.1	-1			6.5	5.5	655	65	10.1	2.0	1.0	19	8	30	WED	19	19	30
FXT	270	17	15.9	1			2.5	2.0	515	55	9.4	1.0	1.0	20	7	30	THU	20	18	0
BRV	215	17	12.6	0			3.0	3.0	655	65	10.1	1.0	1.0	21	17	0	FRI	22	4	0
RTM	1,086	17	63.9	-1			3.0	3.0	468	60	7.8	1.0	1.0	22	23	30	SAT	23	8	30
LIS	3,385	16	211.6	-5			2.0	2.0	328	65	5.0	1.0	2.0	26	5	0	WED	26	12	30
CHS							4.0	0.0				4.0	0.0	35	13	0	FRI			

TOTAL DISTANCE (miles)	11,730
TOTAL STEAMING TIME (hours)	675.1
TOTAL MANEUVERING TIME (hours)	56.0
TOTAL WORKING TIME (hours)	76.7
TOTAL BUFFER TIME (hours)	32
GRAND TOTAL TIME (hours)	840
ROUND VOYAGE DAYS (days)	35.0
FLEET	5.0 vessels for weekly service.
VESSEL OPERATING CAPACITY	2,000 TEU

Remarks : MIA ( Miami ) HST ( Houston ) NRO ( New Orleans ) LIS ( Lisbon )

SRP & SS (910905) DP-ship scheduling 下午 11:44

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## Freight forwarders

Person or company who arranges for the carriage of goods and associated formalities on behalf of a shipper. The duties of a forwarder include booking space on a ship, providing all the necessary documentation, and arranging customs clearance.

## Non-vessel operating common carrier (NVOCC)

A cargo consolidator in ocean trades who buys space from a carrier and resells it to smaller shippers. The NVOCC issues bills of lading, publishes tariffs, and otherwise conducts itself as an ocean common carrier, except that it does not provide the actual ocean or intermodal service.

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**Q & A**

**Thanks for your attention.**



**Class Discussion**

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