

Services and Routings

MSWG

Jeromy McConnell

Manager, Environment & Sustainability

Vessels routes require several weeks.
Multiple vessels are scheduled on each route to provide regular (weekly) service.



Transpacific 6 (TP6) - Eastbound

PORT	ARRIVES	DEPARTS	TRANSIT
Tanjung Pelepas, Malaysia	MON 1900	WED 0300	--
Yantian, Mainland China	FRI 2100	SAT 2200	2
Hong Kong, Mainland China	SUN 0400	MON 0400	4
Los Angeles, CA, USA	FRI 1800	TUE 0200	16

Note: Weekly Service



Transpacific 6 (TP6) - Westbound

PORT	ARRIVES	DEPARTS	TRANSIT
Los Angeles, CA, USA	FRI 1800	MON 1700	--
Yokohama, Japan	THU 0100	THU 1600	17
Nagoya, Japan	FRI 0800	FRI 1800	18
Shanghai (YS), Mainland China	SUN 1700	MON 0700	20
Ningbo, Mainland China	MON 1900	TUE 0600	21
Xiamen, Mainland China	WED 1300	THU 0001	23
Hong Kong, Mainland China	THU 2000	FRI 0700	24
Yantian, Mainland China	FRI 1200	SAT 0200	25
Tanjung Pelepas, Malaysia	MON 2100	WED 0400	28

Every Port and service are unique like snowflakes

Port limitations

- Crane limitations (reach)
- Draft and Air draft requirements
- Historical terminal production
- Port or Starboard designed operational set-up
- Navigational challenges entering port area
- Unique environmental interests
 - Air quality
 - Whales
 - Invasive species

Service Needs

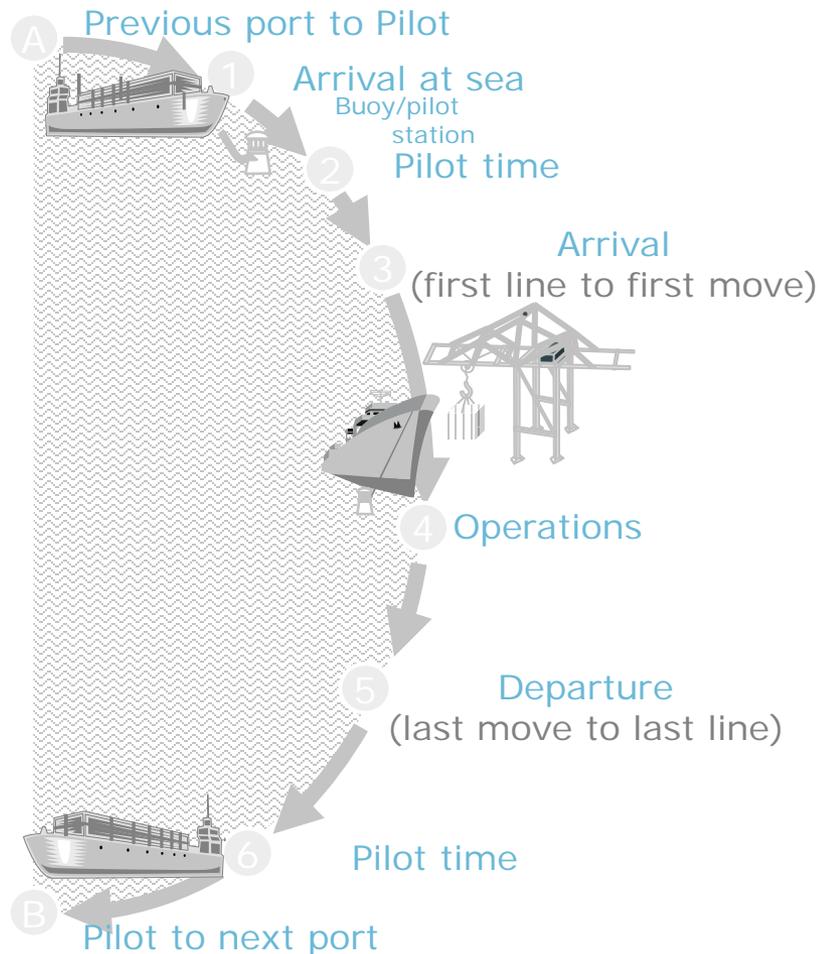
- Size of vessels needed
- Transit times
- Berthing windows
- Port/Terminal selections
- Commercial needs
 - Reefer plugs, customer specific needs, military cargo
- Fuels needed, tankage of vessels (ECA)
- Shore Power, Ballast water treatment systems, and other locally required technologies/systems

Delays can affect an entire routes schedule

Port Name	Arrival Date	Departure Date
Hong Kong	18 Apr 2010 04:00	19 Apr 2010 04:00
Los Angeles	30 Apr 2010 18:00	03 May 2010 17:00
Yokohama	20 May 2010 01:00	20 May 2010 16:00
Nagoya	21 May 2010 08:00	21 May 2010 18:00
Shanghai	23 May 2010 17:00	24 May 2010 07:00
Ningbo	24 May 2010 19:00	25 May 2010 06:00
Xiamen	26 May 2010 13:00	27 May 2010 00:01
Hong Kong	27 May 2010 18:00	28 May 2010 11:00
Yantian	28 May 2010 17:00	29 May 2010 07:00
Tanjung Pelepas	01 Jun 2010 09:00	02 Jun 2010 16:00
Jeddah	11 Jun 2010 23:00	12 Jun 2010 23:00
Suez Canal	15 Jun 2010 01:00	15 Jun 2010 17:00
Barcelona	19 Jun 2010 08:00	20 Jun 2010 08:00
Valencia	21 Jun 2010 02:00	22 Jun 2010 08:00
Algeciras	23 Jun 2010 08:00	24 Jun 2010 14:00
Port Tangier	25 Jun 2010 00:01	26 Jun 2010 02:00
Suez Canal	01 Jul 2010 19:00	02 Jul 2010 17:00
Tanjung Pelepas	17 Jul 2010 02:30	18 Jul 2010 10:30
Vung Tau	20 Jul 2010 08:00	21 Jul 2010 08:00
Yantian	23 Jul 2010 15:00	24 Jul 2010 22:00
Hong Kong	25 Jul 2010 04:00	26 Jul 2010 04:00
Los Angeles	08 Aug 2010 18:00	12 Aug 2010 03:00

14 week
round trip

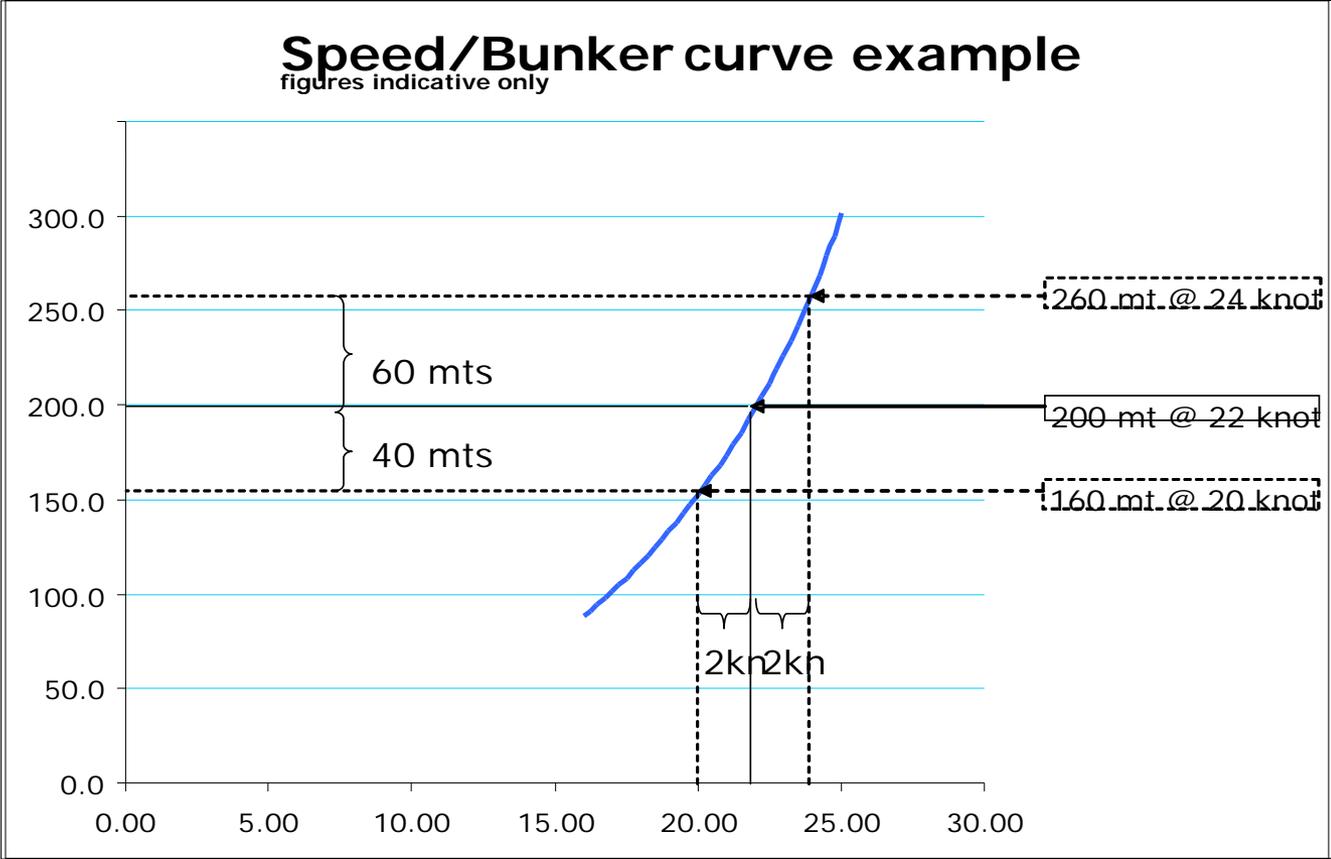
When the vessel enters the port is very important



Missing windows can:

- Losing berth to on-time vessel
- Increase costs for cargo handling (Straight time vs. OT)
- Losing berth capable of connecting to shore power
- Require speeding up after leaving port to make next port berthing window

Changing speeds of vessels affects fuel consumption





Thank you!

Jeremy.McConnell@maersk.com

