Chapter: 12

BERTHING GUIDELINES

** INDEX **

Code	Locations		
ASB-JB	ASB Biodiesel Terminal (Junk Bay)		
BUOY	Government mooring buoy		
CCEMENT	China Cement Company (TSK)		
CFT	China ferry terminal		
CHT-PC	Central Harbour Transit – Passenger Ship		
	(Conventional)		
CHT-PC-TW	Central Harbour Transit – Passenger Ship		
	(Conventional) (Trial Window)		
CHT-PH	Central Harbour Transit – Passenger Ship		
	(Highly Maneuverable)		
CHT-PH-TW	Central Harbour Transit – Passenger Ship		
	(Highly Maneuverable)(Trial Window)		
CLPTSK	China light power station (TSK)		
CMKEN-N	China Merchant Kennedy Town north berth		
CMKEN-S	China Merchant Kennedy Town south berth		
CVX	Chevron T/Y main berth		
CVX-5	Chevron T/Y No. 5 berth		
CVX-6A	Chevron T/Y No. 6A berth		
CVX-LPG	Chevron T/Y LPG berth		
EMTY-E1	ExxonMobil T/Y east terminal berth 1		
EMTY-E4	ExxonMobil T/Y east terminal berth 4		
EMTY-W1	ExxonMobil T/Y west terminal berth 1		
EMTY-W2	ExxonMobil T/Y west terminal berth 2		
EURO-1	Euro-Asia berth 1		
EURO-2	Euro-Asia berth 2		
EURO-3P	Euro-Asia berth 3P		
HKELECT(N)	Lamma power station north wharf		
HKELECT(S)	Lamma power station south wharf		
HKOLNG(E)	Hong Kong Offshore LNG Terminal east berth		
HKOLNG(W)	Hong Kong Offshore LNG Terminal west berth		
JBDGA	Junk Bay DG anchorage		
KC1	Kwai Chung berth 1		
KC2	Kwai Chung berth 2		
KC3	Kwai Chung berth 3		
KC4	Kwai Chung berth 4		
KC5	Kwai Chung berth 5		
KC6	Kwai Chung berth 6		
KC6/O-F	Kwai Chung berth 6 outer-foul		
KC7	Kwai Chung berth 7		
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KC8, 9	Kwai Chung berth 8 & 9		
KC10C, 10E	Kwai Chung berth 10C & 10E		
KC10W	Kwai Chung berth 10W		
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KC19	Kwai Chung berth 19		
KC20	Kwai Chung berth 20		
NOZU	Itwai Oliuliy Deltii 20		

Code	Locations		
KEL-1	Kellett Anchorage No. 1		
KEL-2	Kellett Anchorage No. 2		
KEL-3	Kellett Anchorage No. 3		
KTCT-2	Kai Tak Cruise Terminal berth 2		
KTCT-2/O-F	Kai Tak Cruise Terminal berth 2 outer-foul		
KYCA	Kau Yi Chau DG anchorage		
LOP	Lok On Pai oil berth		
MFT	Macau ferry terminal		
MWA	Ma Wan anchorage		
	<u> </u>		
NLA NIA/LA	North Lamma anchorage		
NWLA	North West Lamma anchorage		
OTN	Ocean Terminal north berth		
OTN/O-F	Ocean Terminal north berth outer-foul		
OTS	Ocean Terminal south berth		
OTS/O-F	Ocean Terminal south berth outer-foul		
PAFF-E	Permanent Aviation Fuel Facility East Berth		
PAFF-W	Permanent Aviation Fuel Facility West Berth		
PSSA-E	Pun Shan Shek anchorage east		
PSSA-W	Pun Shan Shek anchorage west		
RDGA	Reserved dangerous goods anchorage		
RTT-1	River Trade Terminal No.1 berth		
RTT-2	River Trade Terminal No.2 berth		
RTT-4	River Trade Terminal No.4 berth		
RTT-5	River Trade Terminal No.5 berth		
SCCA	South Cheung Chau anchorage		
SEATRIAL	Sea trial, compass adjustment & equipment		
	calibration		
SHELL	Shell oil terminal main berth		
SHACHAU	Sha Chau oil terminal (TSK)		
SHELL	Shell oil terminal main berth		
SHELL-1E	Shell No. 1 east & west berth		
SHELL-2E	Shell No. 2 & 3 east & west berth		
SHELL-LPG	Shell oil terminal LPG berth		
SINO-A	Sinopec T/Y main berth (A)		
SINO-B	Sinopec T/Y west berth (B)		
SINO-C	Sinopec T/Y east berth (C)		
SINO-CW	Sinopec Chai Wan berth		
SINO-3	Sinopec T/Y No. 3 berth		
SLA	Anchorages South of Lamma Island		
SSK-1	Sham Shui Kok Anchorage No. 1		
SSK-2	·		
	Sham Shui Kok Anchorage No. 2		
SSK-TD	Sham Shui Kok Trans-shipment Dock		
SWSTL	Shiu Wing steel wharf (TSK)		
THA	Tolo harbour anchorage		
TOW PERTU	Ship under tow		
TOW-BERTH	Ship under tow to/from berth		
TPGAS	Tolo harbour Town Gas wharf		
TSK-MHB	Tap Shek Kok Material Handling Berth		
TYD	Floating docks west of T/Y Island		

Code	Locations
URMA	Urmston Road Anchorage - vessels other than
UNIVIA	passenger & container ship
URMA-C	Urmston Road Anchorage – Container Ship
URMA-PC/PH	Urmston Road Anchorage – Passenger Ship
URIVIA-PU/PH	(Conventional/Highly Maneuverable)
URMPS	Transit Mawan – Bulker & Tanker (All vessels
	other than passenger & container ship)
URMPS-C	Transit Mawan – Container ship
URMPS-PC	Transit Mawan – Passenger ship
	(Conventional)

Code	Locations
URMPS-PH	Transit Mawan – Passenger ship (Highly
	Maneuverable)
WA-1	Western anchorage No.1
WA-2	Western anchorage No.2
WA-3	Western anchorage No.3
WQA	Western quarantine anchorage
YMTA	Yau Ma Tei anchorage
YUENFAT	Yuen Fat wharf No.2 berth

Location: ASB-JB ASB Biodiesel Terminal (Junk Bay)

010 **Berthing** LOA: Max 85m 011 **Unberthing** LOA: Max 85m

Draft: Max 6m (min 10% UKC) **Draft:** Max 6m (min 10% UKC)

Time:Day lightTime:Day lightTugs:2 (Grade II)Tugs:2 (Grade II)

Remarks: Remarks:

General Remark:

Location: BUOY Government mooring buoy

010 **Berthing** LOA: Max 183m 011 **Unberthing** LOA: Max 183m **Draft:** Subject to the depth underneath **Draft:** Subject to the depth underneath

individual buoy (min 10% UKC)

individual buoy (min 10% UKC)

Time: 24 hrs

Time: 24 hrs **Time:** 24 hrs

Tugs: See General Remarks Tugs: See General Remarks

Remarks: Remarks:

General Remarks:

1. Additional tugs may be required if adverse weather or high waves prevail.

- 2. Mooring and/or unmooring operations may be suspended if the pilots consider such operations to be dangerous.
- 3. If mooring and/or unmooring operations are suspended, every effort will be made to unmoor departing vessels before services are suspended.
- 4. Additional requirements:

For all buoys if:

D>9.15m 1 tug at the buoy.

D>9.7m HW slack only.

D>10m 1 tug escort at the GI.

L>183m 1 tug at the buoy.

Location: **CCEMENT China Cement Company (TSK)**

010 **Berthing** LOA: Max 168m 011 Unberthing LOA: Max 168m

Draft: Max 10m (min 15% UKC) Draft: Max 10m (min 15% UKC)

Time: Day @ berth Day @ berth Time:

Tugs: 2

Tugs: 2 Remarks: Stem to tide for berthing Remarks:

020 Berthing LOA: Max 183m 021 **Unberthing** LOA: Max 183m

Draft: Max 12m (min 15% UKC) **Draft:** Max 12m (min 15% UKC)

Time: Day @ berth. Day @ berth. Time:

D>10m, Day light HW+1 to HW+3 D>10m, subject to Mawan transit

& Day light LW-1 to LW+1.5 @ tidal window. Mawan.

Tugs: 2. 1 escort @ Mawan if Draft>10m. **Tugs:** 2. 1 escort @ Mawan if D>10m.

Remarks: 2 pilots. Stem to tide for berthing. Remarks: 2 pilots. D>10m Starboard side to.

030 031 **Berthing** LOA: Max 230m Unberthing LOA: Max 230m

Max 15m (min 15% UKC) **Draft:** Max 15m (min 15% UKC) **Draft:**

Time: Day @ berth. Time: Day @ berth.

Subject to Mawan transit tidal Day light HW+1 to HW+3 @

Mawan. window.

D>12.5m, day light transit only. **Tugs:** 3 incl 1 escort @ Mawan. Tugs: 2 incl 1 escort @ Mawan.

Remarks: 2 pilots. Starboard side to. Remarks: 2 pilots

040 041 **Berthing** LOA: Max 240m **Unberthing** LOA: Max 240m

Draft: Max 15m (min 15% UKC) **Draft:** Max 15m (min 15% UKC)

Day @ berth. Day @ berth. Time: Time:

Day light HW+1 to HW+1.5 @ D>12.5m, Day light HW to HW+2 & Day light LW+1 to LW+3 @ Mawan.

Mawan.

D≤12.5m, subject to Mawan transit tidal window, day light transit only.

2 incl 1 escort @ Mawan **Tugs:** 4 incl 1 escort from GI + 1 @ Tugs:

Mawan.

D \leq 12m, 3 incl 1 escort from GI + 1

escort @ Mawan.

Remarks: 2 pilots. Starboard side to.

Remarks: 2 pilots

Location : CFT China ferry terminal

010 **Berthing** LOA: Max 153m 011 **Unberthing** LOA: Max 153m

Time: 0700 - 2400 hrs **Time:** 0700 - 2400 hrs

Tugs: 2 **Tugs:** 2

Remarks: No outer-foul for No.3 berth **Remarks:** No outer-foul for No.3 berth

ON TRIAL

Location: CHT-PC Central Harbour Transit – Passenger Ship (Conventional)

010 East Bound LOA: Max 230m 011 West Bound LOA: Max 230m

Draft: Max 9.0m (min 10% UKC) **Draft:** Max 9.0m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: Tugs: Remarks: Remarks:

020 East Bound LOA: Max 270m 021 West Bound LOA: Max 270m

Draft: Max 9.0m (min 10% UKC) **Draft:** Max 9.0m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:1 escortTugs:1 escort

Remarks: Remarks:

030 East Bound LOA: Max 290m 031 West Bound LOA: Max 290m

 Draft:
 Max 9.5m (min 10% UKC)
 Draft:
 Max 9.5m (min 10% UKC)

 Time:
 D&N LW-2 to HW
 Time:
 D&N HW+1 to LW+1

Tugs:2 escortTugs:2 escortRemarks:2 pilots.Remarks:2 pilots.

1 guard boat to clear the passage. 1 guard boat to clear the passage.

040 East Bound LOA: Max 345m 041 West Bound LOA: Max 345m

 Draft:
 Max 9.5m (min 10% UKC)
 Draft:
 Max 9.5m (min 10% UKC)

 Time:
 D&N LW-2 to HW
 Time:
 D&N HW+1 to LW+1

Tugs:2 escortTugs:2 escortRemarks:2 pilots.Remarks:2 pilots.

Removal of N1 & N2 buoys.

Removal of N1 & N2 buoys.

guard boat to clear the passage.

Removal of N1 & N2 buoys.

guard boat to clear the passage.

General Remarks:

- 1. All passenger ships, other than those classified as highly maneuverable under CHT-PH, are considered as conventional.
- 2. This BGL is intended for PASSENGER SHIP transiting Central Harbour via Northern Fairway and Central Fairway. For berthing/unberthing requirements please refer to separate BGL of the related terminal.
- 3. The operation of this BGL shall be postponed when:
 - (a) Visibility is less than 1 mile.
 - (b) Wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 is hoisted whichever is applicable.
- 4. Subject to VTC prior approval & traffic condition.
- 5. Unless otherwise specified, escort tug/tugs for Central Harbour Transit is/are required for the waters:
 - (a) East Bound: From GI to LYM.
 - (b) West Bound: From TCS4 to GI.
- 6. For LOA>270m, one guard boat provided by agents is required to clear the passage between Kellett Buoy and Hung Hom.

ON TRIAL For trial window between 1800 to 0600 hours

Location: CHT-PC-TW Central Harbour Transit – Passenger Ship (Conventional) (Trial Window)

 010
 East Bound
 LOA: Max 230m
 011
 West Bound
 LOA: Max 230m

 Draft:
 Max 9.0m (min 10% UKC)
 Draft:
 Max 9.0m (min 10% UKC)

 Time:
 between 1800 to 0600 hours
 Time:
 between 1800 to 0600 hours

Tugs: 1 escort Tugs: 1 escort

Remarks: Remarks:

 020
 East Bound
 LOA: Max 270m
 021
 West Bound
 LOA: Max 270m

 Draft:
 Max 9.0m (min 10% UKC)
 Draft:
 Max 9.0m (min 10% UKC)

 Time:
 between 1800 to 0600 hours
 Time:
 between 1800 to 0600 hours

Tugs: 1 escort Tugs: 1 escort

Remarks: Remarks:

030 East Bound LOA: Max 290m 031 West Bound LOA: Max 290m

 Draft:
 Max 9.5m (min 10% UKC)
 Draft:
 Max 9.5m (min 10% UKC)

 Time:
 between 1800 to 0600 hours &
 Time:
 between 1800 to 0600 hours &

HW+1 to LW+1

Tugs:2 escortTugs:2 escortRemarks:2 pilotsRemarks:2 pilots

1 guard boat to clear the passage 1 guard boat to clear the passage

General Remarks:

- 1. All passenger ships, other than those classified as highly maneuverable under CHT-PH, are considered as conventional.
- 2. This BGL is set for the trial scheme from 4 March 2024 to 3 March 2026 for participating conventional passenger ships up to LOA 290m plying to/from KTCT. VTC prior approval is not required for vessels participating in the trial scheme subject to:
 - (a) Strict adherence to (3) below; and

LW-2 to HW

- (b) Sailing schedule being publicized in the agreed manner and listed on KTCT website at https://www.kaitakcruiseterminal.com.hk/schedule/.
- 3. The operation of this BGL shall be postponed when:
 - (a) Visibility is less than 1 n.mile;
 - (b) Wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 or above is hoisted, whichever is applicable;
 - (c) Major event at sea is being held in the harbour as promulgated by Marine Department Notice; or
 - (d) Major marine work is being conducted within the relevant fairways.
- 4. Unless otherwise specified, escort tug/tugs for Central Harbour Transit is/are required for the passage:
 - (a) via Western Fairway: between berth and GI,
 - (b) via Ma Wan Fairway: between berth and Tsing Ma Bridge.
- 5. For LOA>270m, one guard boat provided by agents is required to clear the passage between Kellett Buoy and Hung Hom.
- 6. This BGL is intended for PASSENGER SHIP transiting Central Harbour via Northern Fairway and Central Fairway. For berthing/unberthing requirements please refer to separate BGL of the related terminal.
- 7. No head-on/overtaking actions are allowed by cruise ships to any other vessels during Central Harbour Transit (for Northern Fairway, only limited to the portion between buoys Northern 1 and 4).

ON TRIAL

Location: CHT-PH Central Harbour Transit – Passenger Ship (Highly Maneuverable)

010 East Bound LOA: Max 230m 011 West Bound LOA: Max 230m

Draft: Max 9.0m (min 10% UKC) **Draft:** Max 9.0m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: Tugs: Remarks: Remarks:

020 East Bound LOA: Max 270m 021 West Bound LOA: Max 270m

Draft: Max 9.0m (min 10% UKC) **Draft:** Max 9.0m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:1 escortTugs:1 escort

Remarks: Remarks:

030 East Bound LOA: Max 290m 031 West Bound LOA: Max 290m

Draft: Max 9.5m (min 10% UKC) **Draft:** Max 9.5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2 escortTugs:2 escortRemarks:2 pilots.Remarks:2 pilots.

2 pilots. **Remarks:** 2 pilots. 1 guard boat to clear the passage. 1 guard

clear the passage. 1 guard boat to clear the passage.

040 **East Bound** LOA: Max 345m 041 **West Bound** LOA: Max 345m

Draft: Max 9.5m (min 10% UKC) **Draft:** Max 9.5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2 escortTugs:2 escortRemarks:2 pilots.Remarks:2 pilots.

1 guard boat to clear the passage. 1 guard boat to clear the passage.

General Remarks:

- 1. Highly maneuverable passenger ships should meet the following requirements:
 - (a) Bow thrusters of total power ≥ 8000 HP
 - (b) Equipped with azipods.
- 2. This BGL is intended for PASSENGER SHIP transiting Central Harbour via Northern Fairway and Central Fairway. For berthing/unberthing requirements please refer to separate BGL of the related terminal.
- 3. The operation of this BGL shall be postponed when:
 - (a) Visibility is less than 1 mile.
 - (b) Wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 is hoisted whichever is applicable.
- 4. Subject to VTC prior approval & traffic condition.
- 5. Unless otherwise specified, escort tug/tugs for Central Harbour Transit is/are required for the waters:
 - (a) East Bound: From GI to LYM.
 - (b) West Bound: From TCS4 to GI.
- 6. For LOA>270m, one guard boat provided by agents is required to clear the passage between Kellett Buoy and Hung Hom.

ON TRIAL For trial window between 1800 to 0600 hours

Location: CHT-PH-TW Central Harbour Transit – Passenger Ship (Highly Maneuverable)(Trial Window)

010	East Bound	LOA: Max 230m	011	West Bound	LOA: Max 230m
Draft:	Max 9.0m (min	n 10% UKC)	Draft:	Max 9.0m (min	10% UKC)
Time:	between 1800	to 0600 hours	Time:	between 1800 to	0600 hours

Tugs: 1 escort Tugs: 1 escort

Remarks: Remarks:

020 **East Bound** LOA: Max 270m 021 **West Bound** LOA: Max 270m **Draft:** Max 9.0m (min 10% UKC) **Draft:** Max 9.0m (min 10% UKC)

Time: between 1800 to 0600 hours Time: between 1800 to 0600 hours

Tugs: 1 escort **Tugs:** 1 escort

Remarks: Remarks:

030 East Bound LOA: Max 290m 031 West Bound LOA: Max 290m

 Draft:
 Max 9.5m (min 10% UKC)
 Draft:
 Max 9.5m (min 10% UKC)

 Time:
 between 1800 to 0600 hours
 Time:
 between 1800 to 0600 hours

Tugs:2 escortTugs:2 escortRemarks:2 pilots.Remarks:2 pilots.

1 guard boat to clear the passage. 1 guard boat to clear the passage.

040 East Bound LOA: Max 345m 041 West Bound LOA: Max 345m

 Draft:
 Max 9.5m (min 10% UKC)
 Draft:
 Max 9.5m (min 10% UKC)

 Time:
 between 1800 to 0600 hours
 Time:
 between 1800 to 0600 hours

Tugs:2 escortTugs:2 escortRemarks:2 pilots.Remarks:2 pilots.

1 guard boat to clear the passage. 1 guard boat to clear the passage.

General Remarks:

- 1. Highly maneuverable passenger ships should meet the following requirements:
 - (a) Bow thrusters of total power $\geq 8000HP$
 - (b) Equipped with azipods.
- 2. This BGL is set for the trial scheme from 4 March 2024 to 3 March 2026 for participating highly maneuverable passenger ships plying to/from KTCT. VTC prior approval is not required for vessels participating in the trial scheme subject to:
 - (a) Strict adherence to (3) below; and
 - (b) Sailing schedule being publicized in the agreed manner and listed on the KTCT website at https://www.kaitakcruiseterminal.com.hk/schedule/.
- 3. The operation of this BGL shall be postponed when:
 - (a) Visibility is less than 1 n.mile;
 - (b) Wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 is hoisted whichever is applicable;
 - (c) Major event at sea is being held in the harbour as promulgated by Marine Department Notice; or
 - (d) Major marine work is being conducted within the relevant fairways.
- 4. Unless otherwise specified, escort tug/tugs for Central Harbour Transit is/are required for

the passage:

- (a) via Western Fairway: between berth and GI,
- (b) via Ma Wan Fairway: between berth and Tsing Ma Bridge.
- 5. For LOA>270m, one guard boat provided by agents is required to clear the passage between Kellett Buoy and Hung Hom.
- 6. This BGL is intended for PASSENGER SHIP transiting Central Harbour via Northern Fairway and Central Fairway. For berthing/unberthing requirements please refer to separate BGL of the related terminal.
- 7. No head-on/overtaking actions are allowed by cruise ships to any other vessels during Central Harbour Transit (for Northern Fairway, only limited to the portion between buoys Northern 1 and 4).

030

Tugs:

ON TRIAL

China light power station (TSK) Location: **CLPTSK**

010 LOA: Max 168m 011 Unberthing LOA: Max 168m **Berthing Draft: Draft:** Max 10m (min 15% UKC)

Max 10m (min 15% UKC)

Time: Day @ berth Time: Day @ berth

Tugs: Tugs: 2 2 Remarks: Stem to tide for berthing **Remarks:**

020 021 **Berthing** LOA: Max 183m Unberthing LOA: Max 183m

Max 12m (min 15% UKC) Max 12m (min 15% UKC) Draft: Draft:

Time: Day @ berth. Time: Day @ berth.

> D>10m Day light HW+1 to HW+3 & D>10m, subject to Mawan transit

> > 031

Unberthing

LOA: Max 230m

D≤12.5m, subject to Mawan transit

Day light LW-1 to LW+1.5 @ tidal window.

Mawan. 2. 1 escort @ Mawan if D>10m.

Stem to tide for berthing.

2. 1 escort @ Mawan if D>10m. **Tugs:** Tugs:

Remarks: 2 pilots. **Remarks:** 2 pilots

LOA: Max 230m

Berthing Draft: Max 15m (min 15% UKC) **Draft:** Max 15m (min 15% UKC)

Day @ berth. Time: Time: Day @ berth.

Day light HW+1 to HW+3 @ Subject to Mawan transit tidal

Mawan. window.

D>12.5m, day light transit only.

Tugs: 3 incl 1 escort @ Mawan. **Tugs:** 2 incl 1 escort @ Mawan.

Remarks: 2 pilots. Starboard side to. **Remarks:** 2 pilots

040 **Berthing** LOA: Max 280m 041 Unberthing LOA: Max 280m **Draft:** Max 16.8m (min 15% UKC) **Draft:** Max 16.8m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

Day light HW+1 @ Mawan. D>12.5m, Day light HW to HW+2 1st Jun – 15th Oct : Day light HW+0.5 & Day light LW+1 to LW+3 @

@ Mawan. Mawan.

tidal window, Day light transit only.

4 tugs incl 1 escort from GI & 1 **Tugs:** 2 incl 1 escort @ Mawan.

D>14m, 3 incl 2 escort @ Mawan. escort @ Mawan to berth.

Remarks: 2 pilots. Starboard side to. Remarks: 2 pilots.

ON TRIAL

Location: CLPTSK China light power station (TSK)

 050
 Berthing
 LOA: Max 305m
 051
 Unberthing
 LOA: Max 305m

 Draft:
 Max 16.8m (min 15% UKC)
 Draft:
 Max 16.8m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

HW+1 @ Mawan. D>12.5m, Day light HW to HW+2 1st Jun – 15th Oct : Day HW+0.5 & Day light LW+1 to LW+3 @

@ Mawan. Mawan.

D≤12.5m, subject to Mawan transit

tidal window, Day light transit only.

Tugs: 4 tugs minimum 4,000hp each, **Tugs:** 2 incl 1 escort @ Mawan.

incl 1 escort from GI & 1 escort @ D>14m, 3 incl 2 escort @ Mawan

Mawan to berth

Remarks: 2 pilots. Starboard side to. **Remarks:** 2 pilots

Location: CMKEN-N China Merchant Kennedy Town north berth

010 **Berthing** LOA: Max 110m 011 **Unberthing** LOA: Max 110m

Draft: Max 7m (min 10% UKC) **Draft:** Max 7m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2 (grade II)
 Tugs:
 2 (grade II)

Remarks: Remarks:

020 **Berthing** LOA: Max 130m 021 **Unberthing** LOA: Max 130m

Draft: Max 9.5m (min 10% UKC) **Draft:** Max 9.5m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: 1 (grade I) + 1 (grade II) Tugs: 1 (grade I) + 1 (grade II)

Remarks: Remarks:

030 **Berthing** LOA: Max 156m 031 **Unberthing** LOA: Max 156m

Draft: Max 9.5m (min 10% UKC) **Draft:** Max 9.5m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

 Remarks:
 Remarks:

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Location: CMKEN-S China Merchant Kennedy Town south berth

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 7m (min 10% UKC) **Draft:** Max 7m (min 10% UKC)

Time: Day light Time: Day light

Tugs: 2 (grade I) or 3 (grade II) Tugs: 2 (grade I) or 3 (grade II)

Remarks: Preferably port side to Remarks:

Location: CVX Chevron T/Y main berth

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

Time: D&N HW-1 to HW+2 & D&N LW Time: 24 hrs

to LW+3

Tugs: 2 (grade II) Tugs: 2 (grade II)

Remarks: Starboard side to Remarks:

020 **Berthing** LOA: Max 150m 021 **Unberthing** LOA: Max 150m

Draft: Max 10m (min 10% UKC) **Draft:** Max 10m (min 10% UKC)

Time: D&N HW-1 to HW+2 & D&N **Time:** 24 hrs

LW+1 to LW+2

Tugs: 2
Remarks: Starboard side to
Remarks: 2

030 **Berthing** LOA: Max 184m 031 **Unberthing** LOA: Max 184m

Draft: Max 12m (min 10% UKC) **Draft:** Max 12m (min 10% UKC)

 Time:
 D&N HW to HW+1 & D&N LW+2
 Time:
 24 hrs

 Tugs:
 2. If D>10m 1 GI escort.
 Tugs:
 2

Remarks: Starboard side to Remarks:

040 **Berthing** LOA: Max 220m 041 **Unberthing** LOA: Max 220m

Draft: Max 12.6m (min 10% UKC) **Draft:** Max 12.6m (min 10% UKC)

 Time:
 D&N HW to HW+1 & D&N LW+2
 Time:
 24 hrs

 Tugs:
 3 incl 1 GI escort
 Tugs:
 2

Remarks: Day 1 pilot, Night 2 pilots.

Remarks: Remarks:

Berthing at LW+2 : 2 pilots.

Starboard side to.

050 **Berthing** LOA: Max 250m 051 **Unberthing** LOA: Max 250m **Draft:** Max 12.6m (min 10% UKC) **Draft:** Max 12.6m (min 10% UKC)

Time: D&N HW to HW+1 & D&N LW+2 Time: D&N HW-1 to HW+2 & D&N LW

to LW+2

Tugs: 3 incl 1 GI escort Tugs: 2
Remarks: 2 pilots. Remarks:

Starboard side to.

General Remark:

- 1. Thrusters are not considered as substitute for tug.
- 2. Not exceeding displacement of 110,000 MT due to the design limitation of terminal.

Location: CVX-5 Chevron T/Y No.5 berth

010 **Berthing** LOA: Max 80m 011 **Unberthing** LOA: Max 80m **Draft:** Max 5.2m (min 10% UKC) **Draft:** Max 5.2m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 1 (grade II)
 Tugs:
 1 (grade II)

Remarks: Max LOA 65m if no pontoon. **Remarks:** Max LOA 65m if no pontoon.

Max draft 3.2m if no pontoon. Max draft 3.2m if no pontoon.

General Remark:

Location: CVX-6A Chevron T/Y No.6A berth

010 **Berthing** LOA: Max 80m 011 **Unberthing** LOA: Max 80m **Draft:** Max 7.3m (min 10% UKC) **Draft:** Max 7.3m (min 10% UKC)

Time: Day any time & **Time:** 24 hrs

Night LW to LW+3

Tugs: 1 (grade II) Tugs: 1 (grade II)

Remarks: Starboard side to. Remarks:

Port anchor to be used.

020 **Berthing** LOA: Max 110m 021 **Unberthing** LOA: Max 110m

Draft: Max 7.3m (min 10% UKC) **Draft:** Max 7.3m (min 10% UKC)

Time: Day any time & **Time:** 24 hrs

Night LW to LW+3

Tugs: 2 (grade II) Tugs: 1 (grade II)

Remarks: Starboard side to. **Remarks:** 2 (grade II) if no anchor down.

Port anchor to be used.

General Remark:

ON TRIAL

Location: CVX-LPG Chevron T/Y LPG berth

 010
 Berthing
 LOA: Max 80m
 011
 Unberthing
 LOA: Max 80m

 Draft:
 Max 6.5m (min 10% UKC)
 Draft:
 Max 6.5m (min 10% UKC)

Time: D&N LW+1 to LW+3 Time: 24 hrs

Tugs: 1 (grade II) Tugs: 1 (grade II) tug for unberthing on

flood tide.

2 (grade II) tugs on ebb tide.

Remarks: Starboard side to. Remarks:

Bow not to pass 6.5m sign board.

020 **Berthing** LOA: Max 114m 021 **Unberthing** LOA: Max 114m

Draft: Max 6.5m (min 10% UKC) **Draft:** Max 6.5m (min 10% UKC)

Time: D&N LW+1 to LW+3 **Time:** 24 hrs

Tugs: 2. **Tugs:** 2 (grade II) tugs for unberthing on

flood tide.

2 (grade I) tugs on ebb tide.

Remarks: Starboard side to. Remarks:

Bow not to pass 6.5m sign board.

General Remark:

Location: EMTY-E1 ExxonMobil T/Y east terminal berth 1

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

 Time:
 24 hrs
 24 hrs

 Tugs:
 2 (grade II)
 Tugs:
 2 (grade II)

Remarks: Port side to Remarks:

020 **Berthing** LOA: Max 150m 021 **Unberthing** LOA: Max 150m

Draft: Max 10m (min 10% UKC) **Draft:** Max 10m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Port side toRemarks:

030 **Berthing** LOA: Max 184m 031 **Unberthing** LOA: Max 184m

Draft: Max 12m (min 10% UKC) **Draft:** Max 12m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2. If D>10m 1 GI escort.Tugs:2Remarks:Port side toRemarks:

040 **Berthing** LOA: Max 220m 041 **Unberthing** LOA: Max 220m

Draft: Max 13m (min 10% UKC) **Draft:** Max 13m (min 10% UKC)

Time: $D \le 10 \text{m} 24 \text{hr}$. Time: 24 hrs

D>10m, D&N HW-1 to HW+1 &

D&N LW to LW+1.

Tugs: 3 incl 1 GI escort **Tugs:** 2 **Remarks:** Day 1 pilot, Night 2 pilots. **Remarks:**

Berthing at LW to LW+1: 2 pilots.

Port side to.

050 **Berthing** LOA: Max 250m 051 **Unberthing** LOA: Max 250m

Draft: Max 14m (min 10% UKC) **Draft:** Max 14m (min 10% UKC)

Time: D&N HW-1 to HW+1 & D&N LW **Time:** 24 hrs

to LW+1

Tugs: 4 incl 1 GI escort. **Tugs:** 2

If D<13m 3 incl 1 GI escort.

Remarks: 2 pilots. Port side to. **Remarks:**

 060
 Berthing
 LOA: Max 274m
 061
 Unberthing
 LOA: Max 274m

 Draft:
 Max 14.63m (min 10% UKC)
 Draft:
 Max 14.63m (min 10% UKC)

Time: D&N HW to HW+1 **Time:** 24 hrs

(Jun to Sept: HW-0.5)

Tugs:4 incl 1 GI escortTugs:3Remarks:2 pilots. Port side to.Remarks:

General Remark:

Location: EMTY-E4 ExxonMobil T/Y east terminal berth 4

010 Berthing LOA: Max 107m 011 **Unberthing** LOA: Max 107m

Draft: Max 5.5m (min 10% UKC) **Draft:** Max 5.5m (min 10% UKC)

Time:Day lightTime:24 hrsTugs:2 (Grade II)Tugs:2 (Grade II)

Remarks: Port side to Remarks:

General Remark:

Location: EMTY-W1 ExxonMobil T/Y west terminal berth 1

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

 Time:
 24 hrs
 24 hrs

 Tugs:
 2 (grade II)
 Tugs:
 2 (grade II)

Remarks: Remarks:

020 **Berthing** LOA: Max 150m 021 **Unberthing** LOA: Max 150m

Draft: Max 10m (min 10% UKC) **Draft:** Max 10m (min 10% UKC)

Time: D&N HW-1 to HW+2 & D&N LW-2 **Time:** 24 hrs

to LW+1

Tugs: 2
Remarks: Port side to
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 184m 031 **Unberthing** LOA: Max 184m

Draft: Max 12m (min 10% UKC) **Draft:** Max 12m (min 10% UKC)

Time: D&N HW to HW+1 & D&N LW to **Time:** 24 hrs

LW+1

Tugs:2. If D>10m 1 GI escort.Tugs:2Remarks:Port side to.Remarks:

040 **Berthing** LOA: Max 220m 041 **Unberthing** LOA: Max 220m

Draft: Max 13m (min 10% UKC) **Draft:** Max 13m (min 10% UKC)

Time: D&N HW to HW+1 & D&N LW to Time: 24 hrs

LW+1

Tugs: 3 incl 1 GI escort Tugs: 2

Remarks: Day 1 pilot, Night 2 pilots. **Remarks:**

Berthing at LW to LW+1: 2 pilots.

Port side to.

050 **Berthing** LOA: Max 250m 051 **Unberthing** LOA: Max 250m

Draft: Max 14.6m (min 10% UKC) **Draft:** Max 14.6m (min 10% UKC)

Time: D&N HW to HW+1 & D&N LW to Time: 24 hrs

LW+1

Tugs: 4 incl 1 GI escort. Tugs: 2

If D<13m 3 incl 1 GI escort.

Remarks: 2 pilots. **Remarks:**

Port side to.

General Remark:

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Location: EMTY-W2 ExxonMobil T/Y west terminal berth 2

010 Berthing LOA: Max 107m 011 Unberthing LOA: Max 107m

Draft: Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

Time: Day light Time: 24 hrs

Tugs: 2 (grade II) or 2 short (grade I) Tugs: 2 (grade II) or 2 short (grade I)

Remarks: Port side to Remarks:

General Remark:

Location: EURO-1 Euro-Asia berth 1

010 Berthing LOA: Max 150m 011 Unberthing LOA: Max 150m

Draft: Max 7.3m (min 10% UKC) **Draft:** Max 7.3m (min 10% UKC)

Time: D&N LW+1 to HW+2 Time: 24 hrs

Tugs: 2 **Tugs:** 2

Remarks: Starboard side to **Remarks:** Starboard side to

020 **Berthing** LOA: Max 165m 021 **Unberthing** LOA: Max 165m **Draft:** Max 7.3m or 9.0m with pontoon **Draft:** Max 7.3m or 9.0m with pontoon

(min 10% UKC) (min 10% UKC)

Time: D&N LW+1 to HW+2 **Time:** D&N LW-2 to HW+2

Tugs: 2 **Tugs:** 2

Remarks: Starboard side to **Remarks:** Starboard side to

General Remarks:

1. No outer-fouling.

- 2. Entrance and dock inshore side should be clear of obstructions. No coasters and barges should be anchored outside and south of the terminal.
- 3. All coaster and barge traffic within terminal area should be under terminal's control.
- 4. Thrusters are not considered as substitute for tug.

Location: EURO-2 Euro-Asia berth 2

010 **Berthing** LOA: Max 150m 011 **Unberthing** LOA: Max 150m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

 Time:
 D&N LW+1 to HW+2
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

Remarks: (1) Starboard side to **Remarks:** (1) Starboard side to

(2) See General Remarks 1-4 (2) See General Remarks 1-4

020 **Berthing** LOA: Max 175m 021 **Unberthing** LOA: Max 175m **Draft:** Max 8m or 9.5m with pontoon (min **Draft:** Max 8m or 9.5m with pontoon

10% UKC) (min 10% UKC)

Time: D&N LW+1 to HW+2 **Time:** 24 hrs

Tugs: 2 **Tugs:** 2

Remarks: (1) Starboard side to **Remarks:** (1) Starboard side to

(2) See General Remarks 2-4 (2) See General Remarks 2-4

030 **Berthing** LOA: Max 200m 031 **Unberthing** LOA: Max 200m **Draft:** Max 8m or 9.5m with pontoon (min **Draft:** Max 8m or 9.5m with pontoon

10% UKC) (min 10% UKC)

Time: D&N LW+1 to LW+2 & HW to Time: D&N LW to LW+2 & HW to HW+1

HW+1

Tugs: 3 **Tugs:** 2

Remarks: (1) Starboard side to **Remarks:** (1) Starboard side to

(2) See General Remarks 2-4 (2) See General Remarks 2-4

General Remarks:

1. Port side to permissible for outer end only.

- 2. Entrance and dock inshore side should be clear of obstructions. No coasters and barges should be anchored outside and south of the terminal.
- 3. All coaster and barge traffic within terminal area should be under terminal's control.
- 4. Minimum 2 tugs for berthing / unberthing. If 3 tugs are stipulated, thruster meeting conditions required in the guidelines may be accepted to substitute one tug.

ON TRIAL

Location: EURO-3P Euro-Asia berth 3P

010 **Berthing** LOA: Max 150m 011 **Unberthing** LOA: Max 150m

Draft: Max 8.6m with pontoon **Draft:** Max 8.6m with pontoon

(min 10% UKC) (min 10% UKC)

 Time:
 D&N LW+1 to HW+2
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

Tugs: 2 Tugs: Remarks: Remarks:

020 **Berthing** LOA: Max 175m 021 **Unberthing** LOA: Max 175m

Draft: Max 8.6m with pontoon **Draft:** Max 8.6m with pontoon

(min 10% UKC) (min 10% UKC)

 Time:
 D&N LW+1 to HW+2
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

Remarks: Remarks:

General Remarks:

1. Berth must be with pontoon.

- 2. Thrusters are not considered as substitute for tug.
- 3. Mooring / guard boat employed by agents for mooring operations and traffic control.
- 4. A minimum of 25 meters fore and aft clearance should be allowed during berthing and unberthing operations.
- 5. No coasters and barges should be allowed to anchor in the approaching channel of the terminal.
- 6. All coaster and barge traffic within terminal area should be under terminal's control.

Location: HKELECT(N) Lamma power station north wharf

(Declared Depth of Channel & Berth 15.5m)

 010
 Berthing
 LOA: Max 172m
 011
 Unberthing
 LOA: Max 172m

 Draft:
 Max 10.0m (min 15% UKC)
 Draft:
 Max 10.0m (min 15% UKC)

Time: 24 hrs
Tugs: 2
Remarks: Starboard side to.

Time: 24 hrs
Tugs: 2
Remarks: Starboard side to.

Remarks: Starboard side to.

 020
 Berthing
 LOA: Max 198m
 021
 Unberthing
 LOA: Max 198m

 Draft:
 Max 11.5m (min 15% UKC)
 Draft:
 Max 11.5m (min 15% UKC)

Time: HW-1.5 to LW+1.5. **Time:** 24 hrs Outerfoul:HW-1.5 to HW+1.

Tugs: 3 incl 2 escort **Tugs:** 2. If D>9m, 3.

Remarks: Starboard side to. **Remarks:** Night D>8.5m 2 pilots

Day 1 pilot, Night 2 pilots.

 030
 Berthing
 LOA: Max 250m
 031
 Unberthing
 LOA: Max 250m

 Draft:
 Max 14.6m (min 15% UKC)
 Draft:
 Max 14.6m (min 15% UKC)

Time: HW-1.5 to LW+1. **Time:** 24 hrs

Outerfoul:HW-1.5 to HW+1. **Tugs:** 4 incl 2 escort **Tugs:** 3. If D>10m, 4.

Remarks: Starboard side to.

Remarks: Day 1 pilot, Night 2 pilots.

Day 1 pilot, Night 2 pilots.

040 **Berthing** LOA: Max 262m 041 **Unberthing** LOA: Max 262m **Draft:** Max 14.6m (min 15% UKC) **Draft:** Max 14.6m (min 15% UKC)

Time: Day HW-1 to HW+1 & LW-1 to Time: 24 hrs

LW+1.

Outerfoul: Day HW-0.5 to HW+0.5.

Tugs: 4 incl 2 escort **Tugs:** 3. If D>10m, 4.

Remarks: 2 pilots. Starboard side to. **Remarks:** 2 pilots

Not exceeding 100,000 DWT.

General Remark:

Location: HKELECT(S) Lamma power station south wharf

(Declared Depth of Channel & Berth 15.5m)

 010
 Berthing
 LOA: Max 172m
 011
 Unberthing
 LOA: Max 172m

 Draft:
 Max 10.0m (min 15% UKC)
 Draft:
 Max 10.0m (min 15% UKC)

 Time:
 24 hrs

 Tugs:
 2

 Tugs:
 2

Remarks: Starboard side to Remarks:

020 **Berthing** LOA: Max 198m 021 **Unberthing** LOA: Max 198m

Draft: Max 11.5m (min 15% UKC) **Draft:** Max 11.5m (min 15% UKC)

Time: HW-1.5 to LW+1.5 **Time:** 24 hrs

Tugs: 3 incl 2 escort Tugs: 2. If D>9m, 3.

Paragraphy: Starboard side to Paragraphy: Night D>8.5m 2 n

Remarks: Starboard side to. **Remarks:** Night D>8.5m 2 pilots Day 1 pilot, Night 2 pilots.

O30 Berthing LOA: Max 250m O31 Unberthing LOA: Max 250m

Nov. 14 6m (min. 15% LIVC)

 Draft:
 Max 14.6m (min 15% UKC)
 Draft:
 Max 14.6m (min 15% UKC)

 Time:
 HW-1.5 to LW+1
 Time:
 24 hrs

Tugs: 4 incl 2 escort **Tugs:** 3. If D>10m 4.

Remarks: Starboard side to. **Remarks:** Day 1 pilot, Night 2 pilots.

Day 1 pilot, Night 2 pilots.

040 **Berthing** LOA: Max 262m 041 **Unberthing** LOA: Max 262m **Draft:** Max 14.6m (min 15% UKC) **Draft:** Max 14.6m (min 15% UKC)

Time: Day HW-1 to HW+1& LW-1 to **Time:** 24 hrs

LW+1

Tugs: 4 incl 2 escort **Tugs:** 3. If D>10m, 4.

Remarks: 2 pilots. Starboard side to. **Remarks:** 2 pilots

Not exceeding 100,000 DWT.

General Remark:

Location: **HKOLNG(E)** Hong Kong Offshore LNG Terminal east berth

(Declared Depth: 15.5 m)

 010
 Berthing
 LOA: Max 350m
 011
 Unberthing
 LOA: Max 350m

 Draft:
 Max. 12.5m (min 15% UKC)
 Draft:
 Max. 12.5m (min 15% UKC)

Time:Day HW-2 to HW+1Time:DayTugs:4Tugs:4Remarks:2 pilotsRemarks:1 pilot

Starboard side to.

General Remarks:

- 1. Berthing/unberthing operations shall be postponed when wind force in the area is greater than 20 knots from any direction, and/or strong monsoon signal is hoisted.
- 2. Berthing/unberthing operations shall be postponed when visibility is less than 1.0 nautical mile.
- 3. Berthing/unberthing tugs (x 4) employed must be at least 2 x either 5,000 HP or 70T BP; and 2 x either 6,500 HP or 80T BP.

Location: **HKOLNG(W)** Hong Kong Offshore LNG Terminal west berth

(Declared Depth: 15.5 m)

 010
 Berthing
 LOA: Max 350m
 011
 Unberthing
 LOA: Max 350m

 Draft:
 Max. 12.5m (min 15% UKC)
 Draft:
 Max. 12.5m (min 15% UKC)

Time:Day HW-2 to HW+1Time:DayTugs:4Tugs:4Remarks:2 pilotsRemarks:1 pilot

Port side to.

General Remarks:

- 1. Berthing/unberthing operations shall be postponed when wind force in the area is greater than 20 knots from any direction, and/or strong monsoon signal is hoisted.
- 2. Berthing/unberthing operations shall be postponed when visibility is less than 1.0 nautical mile.
- 3. Berthing/unberthing tugs (x 4) employed must be at least 2 x either 5,000 HP or 70T BP; and 2 x either 6,500 HP or 80T BP.

(On trial for 12 months)

Location: JBDGA Junk Bay DG anchorage

010 **To anchorage** LOA: Max 183m 011 **From anchorage** LOA: Max 183m

Draft: Max 10.0m (min 10% UKC) **Draft:** Max 10.0m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: Tugs: Remarks: Remarks:

Location: KC1 Kwai Chung berth 1

(Declared Depth at berth 14.0m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 14.0m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather.	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 14.0m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather.
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 14.0m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 14.0m + tide – 10% UKC 24 hrs
030 Draft: Time: Tugs:	Berthing LOA: Max 270m Max 14.0m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	031 Draft: Time: Tugs:	Unberthing LOA: Max 270m Max 14.0m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted.
Remarks:		Remarks	:
040 Draft: Time: Tugs:	Berthing LOA: Max 340m Max 14.0m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	041 Draft: Time: Tugs:	Unberthing LOA: Max 340m Max 14.0m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted.
050 Draft: Time: Tugs:	Berthing LOA: Max 360m Max 14.0m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no bow thruster. Starboard side to GT >130000, LOA: Max 370m refers.	051 Draft: Time: Tugs:	Unberthing LOA: Max 360m Max 14.0m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern thrusters fitted. GT >130000, LOA: Max 370m refers.
060 Draft: Time: Tugs:	Berthing LOA: Max 370m Max 14.0m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted.	061 Draft: Time: Tugs:	Unberthing LOA: Max 370m Max 14.0m + tide – 10% UKC 24 hrs 3, 2 if bow & stern thrusters fitted.

General Remark:

Remarks: Starboard side to

bow thruster.

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. LOA>350m, at least one tug \geq 5000HP.

D>13.0m, 4 incl 1 GI escort if no

3. If berth KC5 is occupied, fore-and-aft clearance from KC1 corner of not less than 25m plus the beam of vessel at berth KC5 is required.

Remarks:

On Trial

Location: KC2 Kwai Chung berth 2

(Declared Depth at berth 15.5m)

010	Berthing	LOA: Max 130m	011	Unberthing	LOA: Max 130m
Draft:	Max 15.5m +	tide – 10% UKC	Draft:	Max 15.5m + t	ide – 10% UKC

Time: 24 hrs Time: 24 hrs

Tugs: 1. 2 if D>8m. Tugs: 1. 2 if no anchor down.

Remarks: Ro-Ro vessel 2 tugs if adverse Remarks: Ro-Ro vessel 2 tugs if adverse

> weather. weather.

020 LOA: Max 230m 021 LOA: Max 230m **Berthing Unberthing** Draft: Max 15.5m + tide - 10% UKC**Draft:** Max 15.5m + tide - 10% UKC

Time: Time: 24 hrs 24 hrs **Tugs:** Tugs: 2 2 Remarks: Remarks:

030 Berthing LOA: Max 270m 031 Unberthing LOA: Max 270m Max 15.5m + tide - 10% UKC Max 15.5m + tide - 10% UKC **Draft: Draft:**

Time: Time:

Tugs: 2 incl 1 GI escort if no bow thruster. **Tugs:** 2.

1 if bow & stern thrusters fitted. 1 if bow & stern thrusters fitted.

Remarks: Remarks:

040 **Berthing** LOA: Max 340m 041 Unberthing LOA: Max 340m Max 15.5m + tide - 10% UKC Max 15.5m + tide - 10% UKC **Draft: Draft:** 24 hrs

Time: 24 hrs Time: **Tugs:** 3 incl 1 GI escort if no bow thruster. Tugs: 2.

1 if bow & stern thrusters fitted. 1 if bow & stern thrusters fitted.

Remarks: Remarks:

050 LOA: Max 360m 051 **Unberthing** LOA: Max 360m Berthing Max 15.5m + tide - 10% UKC Max 15.5m + tide - 10% UKC **Draft: Draft:**

Time: 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster.

> 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no

bow thruster.

Remarks: GT >130000, LOA: Max 370m

refers.

Time: 24 hrs

Tugs: 2.

> 1 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern

thrusters fitted.

Remarks: GT >130000, LOA: Max 370m

refers.

On Trial

Location: KC2 Kwai Chung berth 2

(Declared Depth at berth 15.5m)

 060
 Berthing
 LOA: Max 370m
 061
 Unberthing
 LOA: Max 370m

 Draft:
 Max 15.5m + tide - 10% UKC
 Draft:
 Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

D>14.0m & Port side to, D&N LW+1

to LW+3 & HW-2 to HW+2

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 2.

2 if bow & stern thrusters fitted.

D>13.0m, 4 incl 1 GI escort if no

bow thruster.

1 if bow & stern thrusters fitted.

D>13.0m or Starboard side to, 3, 2
if bow & stern thrusters fitted.

D>14.0m, 4

Remarks: Remarks:

General Remark:

1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.

- 2. Declared depth of 15.5m is applicable to berth KC2 and 143m northward from the north end of berth KC2 (from Bollard No.549 to Bollard No.1934). The quayside of berth KC1 and KC2 are painted in orange to indicate the berth with depth of less than 15.5m.
- 3. LOA>350m, at least one tug \geq 5000HP.
- 4. LOA>350m & D>14.0m, at least two tugs \geq 5000HP.

Location: KC3 Kwai Chung berth 3

(Declared Depth at berth 14.0m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 14.0m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 14.0m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 14.0m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 14.0m + tide – 10% UKC 24 hrs
030 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 270m Max 14.0m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	031 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 270m Max 14.0m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted.
040 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 340m Max 14.0m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	041 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 340m Max 14.0m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted.
050 Draft: Time: Tugs:	Berthing LOA: Max 360m Max 14.0m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no bow thruster. GT >130000, LOA: Max 370m refers.	051 Draft: Time: Tugs:	Unberthing LOA: Max 360m Max 14.0m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern thrusters fitted. GT >130000, LOA: Max 370m refers.
060 Draft: Time: Tugs:	Berthing LOA: Max 370m Max 14.0m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no bow thruster.	061 Draft: Time: Tugs:	Unberthing LOA: Max 370m Max 14.0m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted. D>13.0m or Starboard side to, 3, 2 if bow & stern thrusters fitted.

General Remark:

Remarks:

Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
 LOA>350m, at least one tug ≥5000HP.

Remarks:

On Trial

Location: KC4 Kwai Chung berth 4

(Declared Depth at berth 14.2m)

U	Berthing LOA: Max 130m Max 14.2m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 14.2m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather.
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 14.2m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 14.2m + tide – 10% UKC 24 hrs
030 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 270m Max 14.2m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	031 Draft: Time: Tugs:	Unberthing LOA: Max 270m Max 14.2m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted.
040 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 340m Max 14.2m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	041 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 340m Max 14.2m + tide – 10% UKC 24 hrs 2. 1 if bow & stern thrusters fitted.
050 Draft: Time: Tugs:	Berthing LOA: Max 360m Max 14.2m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no bow thruster. GT >130000, LOA: Max 370m refers.	051 Draft: Time: Tugs:	Unberthing LOA: Max 360m Max 14.2m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern thrusters fitted. GT >130000, LOA: Max 370m refers.
060 Draft: Time:	Berthing LOA: Max 370m Max 14.2m + tide – 10% UKC 24 hrs D>14.0m &Port side to, D&N LW+1	061 Draft: Time:	Unberthing LOA: Max 370m Max 14.2m + tide – 10% UKC 24 hrs
Tugs:	to LW+3 & HW-2 to HW+2 3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no bow thruster.	Tugs:	2, 1 if bow & stern thrusters fitted. D>13.0m or Starboard side to, 3, 2 if bow & stern thrusters fitted. D>14.0m, 4

General Remark:

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. LOA>350m, at least one tug \geq 5000HP.

Location: KC5 Kwai Chung berth 5

(Declared Depth at berth 15.5m)

010	Berthing	LOA: Max 130m	011	Unberthing	LOA: Max 130m
Draft:	Max 15.5m	+ tide – 10% UKC	Draft:	Max 15.5m + t	ide – 10% UKC
FET.4	0.4.1		F87.4	0.4.1	

Time: 24 hrs Time: 24 hrs

Tugs: 1. 2 if D>8m. 1. 2 if no anchor down. Tugs:

Remarks: Ro-Ro vessel 2 tugs if adverse weather Remarks: Ro-Ro vessel 2 tugs if adverse

weather

020 **Berthing** LOA: Max 230m 021 LOA: Max 230m Unberthing **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs 2 2 Tugs: Tugs: **Remarks:** Remarks:

030 031 **Berthing** LOA: Max 270m Unberthing LOA: Max 270m Max 15.5m + tide - 10% UKCMax 15.5m + tide - 10% UKC**Draft: Draft:**

Time: 24 hrs Time: 24 hrs

2 incl 1 GI escort if no bow thruster. **Tugs: Tugs:** 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

040 **Berthing** LOA: Max 300m 041 **Unberthing** LOA: Max 300m Max 15.5m + tide - 10% UKC Max 15.5m + tide - 10% UKC **Draft: Draft:**

Time: 24 hrs Time: 24 hrs

3 incl 1 GI escort if no bow thruster. **Tugs: Tugs:** 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: GT >90000, LOA: Max 340m refers. **Remarks:** GT >90000, LOA: Max 340m

refers.

050 **Berthing** LOA: Max 340m 051 LOA: Max 340m **Unberthing Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC Time: 24 hrs

Time: 24 hrs

3 incl 1 GI escort if no bow thruster. 2, 1 if bow & stern thrusters fitted. **Tugs: Tugs:**

1 if bow & stern thrusters fitted.

Remarks: D&N LW+1 to HW+1, thrusters not Remarks: considered.

060 **Berthing** LOA: Max 370m 061 **Unberthing** LOA: Max 370m **Draft:** Max 15.5m + tide - 10% UKC**Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. Tugs: 3, 2 if bow & stern thrusters fitted.

> 2 if bow & stern thrusters fitted. D>14.0m, 4 D>12.5m, 4 incl 1 GI escort if no

bow thruster.

D>14.0m, 4 incl 3\ge 5000HP if out of LW+1 to LW+3 & HW-2 to HW+2

Remarks: Remarks:

Location: KC5 Kwai Chung berth 5

(Declared Depth at berth 15.5m)

 070
 Berthing
 LOA: Max 400m
 071
 Unberthing
 LOA: Max 400m

 Draft:
 Max 15.5m + tide - 10% UKC
 Draft:
 Max 15.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

D>14.0m, D&N LW+1 to LW+3 & D>14.0m, D&N HW-1 to LW+2 HW-2 to HW+2

Tugs: 4 incl 1 GI escort if no bow thruster. **Tugs:**

Remarks: All quay cranes at KC1 with distance **Remarks:** All quay cranes at KC1 with

less than 150m from KC5 quayside distance less than 150m from KC5 must be boom up. 210m southward quayside must be boom up. 210m from KC1 corner is not occupied. southward from KC1 corner is not

Port side to. occupied.

General Remark:

1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.

- 2. LOA>350m, at least one tug \geq 5000HP.
- 3. LOA>350m & D>14.0m, at least two tugs \geq 5000HP.
- 4. LOA>370m & D>14.0m, at least one tug \geq 6000HP & one tug \geq 5000HP.
- 5. Max draft is limited to 14.5m if vessel enters into the zone of 30m westward from east end of berth KC5. The quay side is painted in orange to indicate the zone with depth of less than 15m.
- 6. If berth KC1 is occupied, fore-and-aft clearance from KC5 corner of not less than 25m plus the beam of vessel at berth KC1 is required.

Kwai Chung berth 6 Location: KC6

(Declared Depth at berth 14.2m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 14.2m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 14.2m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 14.2m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 14.2m + tide – 10% UKC 24 hrs 2
030 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 270m Max 14.2m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs	031 Draft: Time: Tugs:	Unberthing LOA: Max 270m Max 14.2m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.
040 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 300m Max 14.2m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs, thrusters not considered GT >90000, LOA: Max 340m refers.	041 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 300m Max 14.2m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted. GT >90000, LOA: Max 340m refers.
050 Draft: Time:	Berthing LOA: Max 340m Max 14.2m + tide – 10% UKC 24 hrs D>12.5m, D&N LW+1 to LW+3 & HW-2 to HW+2	051 Draft: Time:	Unberthing LOA: Max 340m Max 14.2m + tide – 10% UKC 24 hrs
Tugs:	3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. Port side to	Tugs:	2, 1 if bow & stern thrusters fitted. D>12.5m, 3, 2 if bow & stern thrusters fitted.

060	Berthing LOA: Max 350m	061	Unberthing LOA: Max 350m
Draft:	Max 14.2m + tide – 10% UKC	Draft:	Max 14.2m + tide – 10% UKC
Time:	24 hrs	Time:	24 hrs
	D>12.5m, D&N LW+1 to LW+3 &		
	HW-2 to HW+2		
Tugs:	3 incl 1 GI escort if no bow thruster.	Tugs:	3, 2 if bow & stern thrusters fitted.
	2 if bow & stern thrusters fitted.		
	D>12.5m, 4 incl 1 GI escort if no		
	bow thruster.		
Remarks	: Port side to	Remarks	:

- Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
 LOA>295m berthing KC6, quay cranes at berth KC7W are required to be boom up.

Location: KC6/O-F Kwai Chung berth 6 outer-foul

(Declared Depth at berth 14.2m)

010 **Berthing** LOA: Max 200m 011 **Unberthing** LOA: Max 200m **Draft:** Max 10.0m + tide - 10% UKC **Draft:** Max 10.0m + tide - 10% UKC

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Thrusters not considered if stern inRemarks:

020 **Berthing** LOA: Max 250m 021 **Unberthing** LOA: Max 250m **Draft:** Max 14.2m + tide - 10% UKC **Draft:** Max 14.2m + tide - 10% UKC

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

Remarks: Thrusters not considered Remarks: Thrusters not considered

030 **Berthing** LOA: Max 290m 031 **Unberthing** LOA: Max 290m **Draft:** Max 14.2m + tide - 10% UKC **Draft:** Max 14.2m + tide - 10% UKC

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 3
 Tugs:
 2

Remarks: No stern in. Remarks: Thrusters not considered

Full length of opposite berth must be clear and quay cranes must be boom

up.

General Remark:

Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.

3, 2 if bow & stern thrusters fitted.

Location: KC7 Kwai Chung berth 7

(Declared Depth at berth 15.5m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather	011 Draft: Time: Tugs: Remarks	Unberthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather		
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks	Unberthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs 2		
030 Draft: Time: Tugs:	Berthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	031 Draft: Time: Tugs:	Unberthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.		
Remarks:	Stern in 3 tugs	Remarks	Remarks:		
040 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs, thrusters not considered GT >90000, LOA: Max 340m refers	041 Draft: Time: Tugs: Remarks	Unberthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted. CGT >90000, LOA: Max 340m refers		
050 Draft: Time:	Berthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs D>12.5m, D&N LW+1 to LW+3 & HW-2 to HW+2	051 Draft: Time:	Unberthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs		
Tugs:	3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>12.5m. 4 incl1 GI escort if no bow thruster	Tugs:	2, 1 if bow & stern thrusters fitted. D>12.5m, 3, 2 if bow & stern thrusters fitted.		
Remarks:	Starboard side to	Remarks	:		
060 Draft: Time:	Berthing LOA: Max 350m Max 15.5m + tide – 10% UKC 24 hrs D>12.5m, D&N LW+1 to LW+3 &	061 Draft: Time:	Unberthing LOA: Max 350m Max 15.5m + tide – 10% UKC 24 hrs		

Remarks: Starboard side to **Remarks:**

3 incl 1 GI escort if no bow thruster.

2 if bow & stern thrusters fitted. D>12.5m, 4 incl 1 GI escort if no

HW-2 to HW+2

bow thruster.

General Remark:

Tugs:

- Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals. LOA>295m berthing KC7, quay cranes at berth KC6W are required to be boom up.

Tugs:

Location: KC7/O-F Kwai Chung berth 7 outer-foul

(Declared Depth at berth 15.5m)

010 **Berthing** LOA: Max 200m 011 **Unberthing** LOA: Max 200m **Draft:** Max 10.0m + tide - 10% UKC **Draft:** Max 10.0m + tide - 10% UKC

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Thrusters not considered if stern inRemarks:

 020
 Berthing
 LOA: Max 250m
 021
 Unberthing
 LOA: Max 250m

 Draft:
 Max 15.5m + tide - 10% UKC
 Draft:
 Max 15.5m + tide - 10% UKC

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

Remarks: Thrusters not considered Remarks: Thrusters not considered

 030
 Berthing
 LOA: Max 290m
 031
 Unberthing
 LOA: Max 290m

 Draft:
 Max 15.5m + tide - 10% UKC
 Draft:
 Max 15.5m + tide - 10% UKC

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 3
 Tugs:
 2

Remarks: No stern in. Remarks: Thrusters not considered

Full length of opposite berth must be clear and quay cranes must be boom

up.

General Remark:

Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.

Location: KC8-9 Kwai Chung berth 8-9

(Declared Depth at berth 16.0m)

010 **Berthing** LOA: Max 130m 011 Unberthing LOA: Max 130m **Draft:** Max 16.0m + tide - 10% UKC **Draft:** Max 16.0m + tide - 10% UKC Time: 24 hrs Time: 24 hrs

1. 2 if D>8m. 1. 2 if no anchor down. **Tugs:** Tugs: Remarks: Ro-Ro vessel 2 tugs if adverse **Remarks:** Ro-Ro vessel 2 tugs if adverse

weather

weather

Berthing 020 LOA: Max 230m 021 **Unberthing** LOA: Max 230m Max 16.0m + tide - 10% UKC Max 16.0m + tide - 10% UKC **Draft: Draft:**

Time: 24 hrs Time: 24 hrs **Tugs: Tugs:** 2 2 Remarks: Remarks:

030 LOA: Max 270m 031 **Berthing Unberthing** LOA: Max 270m **Draft:** Max 16.0m + tide - 10% UKC **Draft:** Max 16.0m + tide - 10% UKC

Time: Time: 24 hrs 24 hrs

Tugs: 2 incl 1 GI escort if no bow thruster. **Tugs:** 2. 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

LOA: Max 340m 041 040 **Unberthing Berthing** LOA: Max 340m Max 16.0m + tide - 10% UKC Draft: Max 16.0m + tide - 10% UKC **Draft:**

Time: Time: 24 hrs 24 hrs

3 incl 1 GI escort if no bow thruster. **Tugs: Tugs:** 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

050 051 Berthing LOA: Max 360m **Unberthing** LOA: Max 360m Max 16.0m + tide - 10% UKC Max 16.0m + tide - 10% UKC **Draft: Draft:** Time: 24 hrs

Time: 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 2, 1 if bow & stern thrusters fitted. 2 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern

thrusters fitted.

D>13.0m, 4 incl 1 GI escort if no

bow thruster.

D>14.0m, thrusters not considered if out of LW+1 to LW+3 & HW-2 to

HW+2

Remarks: GT >130000, LOA: Max 370m **Remarks:** GT >130000, LOA: Max 370m

refers. refers.

Location: KC8-9 Kwai Chung berth 8-9

(Declared Depth at berth 16.0m)

 060
 Berthing
 LOA: Max 370m
 061
 Unberthing
 LOA: Max 370m

 Draft:
 Max 16.0m + tide - 10% UKC
 Draft:
 Max 16.0m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 3, 2 if bow & stern thrusters fitted.

2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no

bow thruster.

D>14.0m, 4 incl 3\ge 5000HP if out of LW+1 to LW+3 & HW-2 to HW+2

Remarks: Remarks:

 070
 Berthing
 LOA: Max 400m
 071
 Unberthing
 LOA: Max 400m

 Draft:
 Max 16.0m + tide - 10% UKC
 Draft:
 Max 16.0m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

D>14.0m, D&N LW+1 to LW+3 &

HW-2 to HW+1

Tugs: 4 incl 1 GI escort if no bow thruster. **Tugs:** 4 **Remarks:** Remarks:

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. LOA>350m, at least one tug \geq 5000HP.
- 3. LOA>350m & D>14.0m, at least two tugs \geq 5000HP.
- 4. LOA>370m & D>14.0m, at least one tug \geq 6000HP & one tug \geq 5000HP.

Location: KC10C,10E Kwai Chung berth 10C & 10E

(Declared Depth at berth 15.5m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs 2
030 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs	031 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.
040	Berthing LOA: Max 300m	041	Unberthing LOA: Max 300m Max 15.5m + tide – 10% UKC
Draft: Time: Tugs: Remarks:	Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs GT >90000, LOA: Max 340m refers.	Draft: Time: Tugs: Remarks:	24 hrs 2, 1 if bow & stern thrusters fitted. GT >90000, LOA: Max 340m refers.
Time: Tugs:	24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs	Time: Tugs:	24 hrs 2, 1 if bow & stern thrusters fitted. GT >90000, LOA: Max 340m

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. LOA>270m berthing stern in, each tug 3600 HP min. In case 3 tugs are used, min total 10800 HP. Min 2 tugs if bow and/or stern thruster(s) are fitted.

D>12.5m, 3, 1 if bow & stern

thrusters fitted.

On Trial

Location: KC10W Kwai Chung berth 10W

(Declared Depth at berth 15.5m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs 2
030 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs	031 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.
040 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs GT >90000, LOA: Max 340m refers.	041 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted. GT >90000, LOA: Max 340m refers.
050 Draft: Time: Tugs:	Berthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster.	051 Draft: Time: Tugs:	Unberthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.

Remarks: Stern in 3 tugs Remarks:

1 if bow & stern thrusters fitted.

060 Draft: Time:	Berthing LOA: Max 370m Max 15.5m + tide – 10% UKC 24 hrs D>14.0m, D&N LW+1 to LW+3 &	061 Draft: Time:	Unberthing LOA: Max 370m Max 15.5m + tide – 10% UKC 24 hrs
Tugs:	HW-2 to HW+1 3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>12.5m, 4 incl 1 GI escort if no	Tugs:	3, 2 if bow & stern thrusters fitted. D>14.0m, 4

bow thruster.

Remarks: Port side to **Remarks:**

Location: KC10W Kwai Chung berth 10W

(Declared Depth at berth 15.5m)

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. LOA>270m berthing stern in, each tug 3600 HP min. In case 3 tugs are used, min. total 10800 HP. Min. 2 tugs if bow and/or stern thruster(s) are fitted.
- 3. LOA>350m, at least one tug \geq 5000HP.
- 4. LOA>350m & D>14.0m, at least two tugs \geq 5000HP.

Location: KC 11 Kwai Chung berth 11

(Declared Depth at berth 15.5m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs
030 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs	031 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.
040 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs. GT >90000, LOA: Max 340m refers.	041 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted. GT >90000, LOA: Max 340m refers.
050 Draft: Time: Tugs:	Berthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	051 Draft: Time: Tugs:	Unberthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted. D>12.5m, 3, 1 if bow & stern thrusters fitted.

General Remarks:

Remarks: Starboard side to

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. LOA>270m berthing stern in, each tug 3600 HP min. In case 3 tugs are used, min. total 10800 HP. Min. 2 tugs if bow and/or stern thruster(s) are fitted.

Remarks:

Location: KC12 Kwai Chung berth 12

(Declared Depth at berth 15.5m)

010 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1. 2 if D>8m. Ro-Ro vessel 2 tugs if adverse weather.	011 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1, 2 if no anchor down. Ro-Ro vessel 2 tugs if adverse weather.
020 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs 2	021 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs 2
030 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs	031 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.
040 Draft: Time: Tugs: Remarks:	Berthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Stern in 3 tugs. GT >90000, LOA: Max 340m refers.	041 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 300m Max 15.5m + tide – 10% UKC 24 hr 2, 1 if bow & stern thrusters fitted. GT >90000, LOA: Max 340m refers.
050 Draft: Time: Tugs:	Berthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted. Starboard side to	051 Draft: Time: Tugs: Remarks:	Unberthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted. D>12.5m, 3, 1 if bow & stern thrusters fitted.
060 Draft:	Berthing LOA: Max 370m Max 15.5m + tide – 10% UKC	061 Draft:	Unberthing LOA: Max 370m Max 15.5m + tide - 10% UKC

Draft: Max 15.5m + tide - 10% UKCMax 15.5m + tide – 10% UKC **Draft:** Time: 24 hrs Time: 24 hrs D>14.0m, D&N LW+1 to LW+3 & HW-2 to HW+1 **Tugs:** 3 incl 1 GI escort if no bow thruster. **Tugs:** 3, 2 if bow & stern thrusters fitted. 2 if bow & stern thrusters fitted. D>14.0m, 4 D>12.5m, 4 incl 1 GI escort if no bow thruster.

Remarks: Starboard side to **Remarks:**

Location: KC12 Kwai Chung berth 12

(Declared Depth at berth 15.5m)

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. LOA>270m berthing stern in, each tug 3600 HP min. In case 3 tugs are used, min. total 10800 HP. Min. 2 tugs if bow and/or stern thruster(s) are fitted.
- 3. LOA>350m, at least one tug \geq 5000HP.
- 4. LOA>350m & D>14.0m, at least two tugs ≥5000HP.
- 5. LOA>360m berthing, quay cranes at berth KC10W (150m eastward from berth KC9/10 corner) and berth KC13 are required to be boom up.
- 6. Subject to actual berthing position, boom up of additional quay cranes may be required if deemed necessary.

Location: KC13-14 Kwai Chung berth 13-14

(Declared Depth at berth 15.5m)

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: Time: 24 hrs 24 hrs

Tugs: 1. 2 if D>8m. Tugs: 1. 2 if no anchor down.

Remarks: Ro-Ro vessel 2 tugs if adverse **Remarks:** Ro-Ro vessel 2 tugs if adverse

> weather weather

020 **Berthing** LOA: Max 230m 021 Unberthing LOA: Max 230m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs Tugs: 2 Tugs: 2 **Remarks:** Remarks:

030 Berthing 031 LOA: Max 270m Unberthing LOA: Max 270m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: Time: 24 hrs 24 hrs

Tugs: 2 incl 1 GI escort if no bow thruster. **Tugs:** 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Stern in 3 tugs **Remarks:**

040 LOA: Max 300m 041 LOA: Max 300m **Berthing Unberthing** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC **Draft:**

Time: 24 hrs Time: 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 2. 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: GT >90000, LOA: Max 340m **Remarks:** Stern in 3 tugs

> GT >90000, LOA: Max 340m refers. refers.

050 **Berthing** LOA: Max 340m 051 Unberthing LOA: Max 340m **Draft: Draft:** Max 15.5m + tide - 10% UKC Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. Tugs: 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted. D>12.5m, 3, 1 if bow & stern

thrusters fitted.

Remarks: Stern in 3 tugs **Remarks:**

D>14.0m, D&N LW+1 to HW+2.

060 **Berthing** LOA: Max 360m 061 **Unberthing** LOA: Max 360m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

3 incl 1 GI escort if no bow thruster. **Tugs: Tugs:** 3, 2 if bow & stern thrusters fitted.

2 if bow & stern thrusters fitted.

D>14.0m, 4 D>14.0m, 4 incl 1 GI escort if no

bow thruster. Remarks: Starboard side to Remarks:

Location: KC13-14 Kwai Chung berth 13-14

(Declared Depth at berth 15.5m)

070 **Berthing** LOA: Max 370m 071 **Unberthing** LOA: Max 370m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

D>12.5m, D&N LW+1 to HW+2.

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 3, 2 if bow & stern thrusters fitted.

2 if bow & stern thrusters fitted. D>14.0m, 4 D>12.5m, 4 incl 1 GI escort if no

bow thruster.

Remarks: Starboard side to **Remarks:**

080 **Berthing** LOA: Max 400m **Oraft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: D&N LW+1 to HW+2. **Time:** 24 hrs.

Tugs: 4 incl 1 GI escort if no bow thruster. **Tugs:** 4 incl 2≥6000HP &1≥5000HP if

out of LW+1 to HW+2

Remarks: Starboard side to Remarks:

General Remarks:

1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.

- 2. LOA>270m berthing stern in, each tug 3600 HP min. In case 3 tugs are used, min total 10800 HP. Min 2 tugs if bow and/or stern thruster(s) are fitted.
- 3. LOA>350m, at least one tug \geq 5000HP.
- 4. LOA>350m & D>14.0m, at least two tugs \geq 5000HP.
- 5. LOA>370m & D>14.0m, at least one $tug \ge 6000HP$ & one $tug \ge 5000HP$.
- 6. LOA>390m berthing KC13, quay cranes at berth KC10W(100m eastward from berth KC9/10 corner) and berth KC14 are required to be boom up.
- 7. Subject to actual berthing position, boom up of additional quay cranes may be required if deemed necessary.

Location: KC15 Kwai Chung berth 15

(Declared Depth at berth 15.5m)

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKCTime: 24 hrs

24 hrs Time:

1, 2 if D>8m. **Tugs:** Tugs: 1, 2 if no anchor down.

Remarks: Remarks:

020 LOA: Max 183m 021 LOA: Max 183m **Berthing** Unberthing **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: **Tugs: Tugs:** 2

Remarks: Port side to if LOA>200m

030 **Berthing** LOA: Max 230m 031 LOA: Max 230m Unberthing Max 15.5m + tide - 10% UKC Max 15.5m + tide - 10% UKC **Draft: Draft:**

Time: 24 hrs Tugs: 2 Remarks: Port side to

040 LOA: Max 270m **Berthing**

Draft: Max 15.5m + tide - 10% UKC

Time: 24 hrs

2 incl 1 GI escort if no bow thruster. Tugs:

1 if bow & stern thrusters fitted.

Remarks: Port side to

050 LOA: Max 340m 051 **Berthing Unberthing** Max 15.5m + tide - 10% UKC **Draft: Draft:**

Time: 24 hrs

3 incl 1 GI escort if no bow thruster. Tugs:

1 if bow & stern thrusters fitted.

Remarks: Port side to.

060 LOA: Max 360m **Berthing Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs

3 Incl 1 GI escort if no bow thruster. Tugs:

> 2 if bow & stern thrusters fitted. D>13.0m. 4 incl 1 GI escort if no

bow thruster.

Remarks: Port side to

GT >130000, LOA: Max 370m

refers.

24 hrs 2 Remarks:

Time: 24 hrs **Tugs:** 2 **Remarks:**

041 Unberthing LOA: Max 270m **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs

Tugs: 2, 1 if bow & stern thrusters fitted.

Remarks:

LOA: Max 340m Max 15.5m + tide - 10% UKC

Time: 24 hrs

2. 1 if bow & stern thrusters fitted. Tugs:

Remarks:

061 Unberthing LOA: Max 360m **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs

Tugs: 2, 1 if bow & stern thrusters fitted.

D>13.0m, 3, 2 if bow & stern

thrusters fitted.

Remarks: GT >130000, LOA: Max 370m

refers.

Kwai Chung berth 15 Location: KC15

(Declared Depth at berth 15.5m)

070 LOA: Max 370m 071 LOA: Max 370m Berthing Unberthing Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC **Draft:**

Time: 24 hrs Time: 24 hrs

> D>14.0m, D&N LW+1 to LW+3 & D>14.0m, D&N LW+1 to LW+3 &

HW-1 to HW+2 HW-1 to HW+2

3 Incl 1 GI escort if no bow thruster. 3, 2 if bow & stern thrusters fitted. **Tugs:** Tugs:

2 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern

D>13.0m, 4 incl 1 GI escort if no thrusters fitted. D>14.0m, 4

Remarks: Port side to **Remarks:**

General Remarks:

Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.

2. Berthing: Swing around minimum 2 tugs.

LOA>350m, at least one tug \geq 5000HP. 3.

bow thruster.

LOA>350m & D>14.0m, at least two tugs \geq 5000HP.

Remarks:

Location: KC16 Kwai Chung berth 16

(Declared Depth at berth 15.5 m)

010 Draft: Time: Tugs: Remarks	Berthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1, 2 if D>8m.	011 Draft: Time: Tugs: Remarks	Unberthing LOA: Max 130m Max 15.5m + tide – 10% UKC 24 hrs 1, 2 if no anchor down.	
020 Draft: Time: Tugs: Remarks	Berthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hr.	021 Draft: Time: Tugs: Remarks	Unberthing LOA: Max 230m Max 15.5m + tide – 10% UKC 24 hrs 2	
030 Draft: Time: Tugs: Remarks	Berthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	031 Draft: Time: Tugs: Remarks	Unberthing LOA: Max 270m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.	
040 Draft: Time: Tugs:	Berthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 3 incl 1 GI escort if no bow thruster. 1 if bow & stern thrusters fitted.	041 Draft: Time: Tugs:	Unberthing LOA: Max 340m Max 15.5m + tide – 10% UKC 24 hrs 2, 1 if bow & stern thrusters fitted.	
Remarks		Remarks:		
050 Draft: Time:	Berthing LOA: Max 360m Max 15.5m + tide – 10% UKC 24 hrs D>14.0m, D&N LW+1 to LW+3 & HW-1 to HW+1	051 Draft: Time:	Unberthing LOA: Max 360m Max 15.5m + tide – 10% UKC 24 hrs	
Tugs:	3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no	Tugs:	2, 1 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern thrusters fitted.	
Remarks	bow thruster. GT >130000, LOA: Max 370m refers.	Remarks	D>14.0m, 4 : GT >130000, LOA: Max 370m refers.	
060 Draft: Time:	Berthing LOA: Max 370m Max 15.5m + tide – 10% UKC 24 hrs D>14.0m, D&N LW+1 to LW+3 & HW-1 to HW+1	061 Draft: Time:	Unberthing LOA: Max 370m Max 15.5m + tide – 10% UKC 24 hrs D>14.0m, D&N LW+1 to LW+3 & HW-1 to HW+1	
Tugs:	3 incl 1 GI escort if no bow thruster. 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no bow thruster.	Tugs:	2, 1 if bow & stern thrusters fitted. D>13.0m or Port side to, 3, 2 if bow & stern thrusters fitted. D>14.0m, 4	

Remarks:

Location: KC16 Kwai Chung berth 16

(Declared Depth at berth 15.5 m)

 070
 Berthing
 LOA: Max 400m
 071
 Unberthing
 LOA: Max 400m

 Draft:
 Max 15.5m + tide - 10% UKC
 Draft:
 Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

D>14.0m, D&N LW+1 to LW+3 & D>14.0m, D&N LW+1 to LW+3 &

HW-1 to HW+1 HW-1 to HW+1

Tugs: 4 incl 1 GI escort if no bow thruster. **Tugs:** 4

Remarks: Remarks:

General Remarks:

1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.

- 2. Berthing: LOA >130m swing around &/or Wedge-in minimum 2 tugs.
- 3. LOA>350m, at least one tug \geq 5000HP.
- 4. LOA>350m & D>14.0m, at least two tugs \geq 5000HP.
- 5. LOA>370m & D>14.0m, at least one tug \geq 6000HP & one tug \geq 5000HP.

Location: KC 17-18 Kwai Chung berth 17-18

(Declared Depth at berth 16.5 m)

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m **Draft:** Max 16.5m + tide - 10% UKC **Draft:** Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 1, 2 if D>8m. **Tugs:** 1, 2 if no anchor down.

Remarks: Remarks:

 020
 Berthing
 LOA: Max 230m
 021
 Unberthing
 LOA: Max 230m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

 Time:
 24 hrs

 Time:
 24 hr.

 Tugs:
 2

 Remarks:
 Tugs:
 2

 Remarks:
 Remarks:

030 **Berthing** LOA: Max 270m 031 **Unberthing** LOA: Max 270m **Draft:** Max 16.5m + tide - 10% UKC **Draft:** Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 2 incl 1 GI escort if no bow thruster. Tugs: 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

 040
 Berthing
 LOA: Max 340m
 041
 Unberthing
 LOA: Max 340m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

Time: 24 hrs **Time:** 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 2, 1 if bow & stern thrusters fitted.

2 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern b>13.0m, 4 incl 1 GI escort if no thrusters fitted.

D>14.0m, 4

bow thruster.

D>14.0m 4 incl 1≥6000HP &

1>5000HP if out of LW+1 to LW+3

& HW-1 to HW+3

Remarks: GT >130000, LOA: Max 370m **Remarks:** GT >130000, LOA: Max 370m

refers. refers.

Location: KC 17-18 Kwai Chung berth 17-18

(Declared Depth at berth 16.5 m)

060 **Berthing** LOA: Max 370m 061 **Unberthing** LOA: Max 370m **Draft:** Max 16.5m + tide - 10% UKC **Draft:** Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. **Tugs:** 2, 1 if bow & stern thrusters fitted.

2 if bow & stern thrusters fitted. D>13.0m or Port side to, 3, 2 if bow

D>13.0m, 4 incl 1 GI escort if no & stern thrusters fitted.
bow thruster. D>14.0m, 4 incl 1>6000HP &

D>14.0m, 4 incl 2≥6000HP if out of 1≥5000HP if out of LW+1 to LW+3 & HW-1 to HW+3 LW+3 & HW-1 to HW+3

Remarks: Remarks:

 070
 Berthing
 LOA: Max 400m
 071
 Unberthing
 LOA: Max 400m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

D>14.0m, D&N LW+1 to LW+3 &

Tugs: 4 incl 1 GI escort if no bow thruster. **Tugs:** 4

D>14.0m, 4 incl 2\ge 6000HP & 1\ge 5000HP if out of LW+1 to LW+3 & HW-1 to HW+1

Remarks: Remarks:

General Remarks:

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. Berthing: LOA > 130m swing around &/or Wedge-in minimum 2 tugs.
- 3. LOA>350m, at least one tug >5000HP.

HW-1 to HW+3

- 4. LOA>350m & D>14.0m, at least two tugs >5000HP.
- 5. LOA>370m & D>14.0m, at least one tug \geq 6000HP & one tug \geq 5000HP.

Location: KC 19 Kwai Chung berth 19

(Declared Depth at berth 16.5 m)

 010
 Berthing
 LOA: Max 130m
 011
 Unberthing
 LOA: Max 130m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 1, 2 if D>8m. **Tugs:** 1, 2 if no anchor down.

Remarks: Remarks:

 020
 Berthing
 LOA: Max 230m
 021
 Unberthing
 LOA: Max 230m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

 Time:
 24 hrs

 Time:
 24 hr.
 Time:
 24 Time

 030
 Berthing
 LOA: Max 270m
 031
 Unberthing
 LOA: Max 270m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 2 incl 1 GI escort if no bow thruster. **Tugs:** 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

 040
 Berthing
 LOA: Max 340m
 041
 Unberthing
 LOA: Max 340m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. Tugs: 2, 1 if bow & stern thrusters fitted.

Remarks: Remarks:

 050
 Berthing
 LOA: Max 360m
 051
 Unberthing
 LOA: Max 360m

 Draft:
 Max 16.5m + tide - 10% UKC
 Draft:
 Max 16.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

D>14.0m, D&N LW+1 to LW+3 &

HW-1 to HW+3

Tugs: 3 incl 1 GI escort if no bow thruster. Tugs: 2, 1 if bow & stern thrusters fitted.

2 if bow & stern thrusters fitted. D>13.0m, 3, 2 if bow & stern thrusters fitted.

D>14.0m, 4

bow thruster.

Remarks: GT >130000, LOA: Max 370m **Remarks:** GT >130000, LOA: Max 370m

refers. refers.

Location: KC 19 Kwai Chung berth 19

(Declared Depth at berth 16.5 m)

060 Berthing LOA: Max 370m 061 Unberthing LOA: Max 370m **Draft:** Max 16.5m + tide - 10% UKC Max 16.5m + tide - 10% UKC **Draft:**

Time: 24 hrs Time: 24 hrs

D>14.0m, D&N LW+1 to LW+3 &

HW-1 to HW+3

Tugs: 3 incl 1 GI escort if no bow thruster.

> 2 if bow & stern thrusters fitted. D>13.0m, 4 incl 1 GI escort if no

bow thruster.

Tugs: 2, 1 if bow & stern thrusters fitted.

D>13.0m or Port side to, 3, 2 if bow

& stern thrusters fitted.

D>14.0m, 4 incl 1\ge 6000HP & 1≥5000HP if out of LW+1 to LW+3 & HW-1 to HW+3

Remarks: Remarks:

070 **Berthing** LOA: Max 400m 071 **Unberthing** LOA: Max 400m **Draft:** Max 16.5m + tide - 10% UKC**Draft:** Max 16.5m + tide - 10% UKC 24 hrs Time:

Time: 24 hrs

D>14.0m, D&N LW+1 to LW+3 &

HW-1 to HW+3

4 incl 1 GI escort if no bow thruster. **Tugs: Tugs:**

4

D>14.0m, 4 incl 2\ge 6000HP & $1 \ge 5000$ HP if out of LW+1 to

LW+3 & HW-1 to HW+1

Remarks: Remarks:

- Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- Berthing: LOA >130m swing around &/or Wedge-in minimum 2 tugs.
- LOA>350m, at least one tug \geq 5000HP. 3.
- LOA>350m & D>14.0m, at least two tugs \geq 5000HP.
- LOA>370m & D>14.0m, at least one tug \geq 6000HP & one tug \geq 5000HP.

Location: KC20 Kwai Chung berth 20

(Declared Depth at Berth 15.5 m)

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

Tugs: 1, if D>8m 2 Tugs: 1, if no anchor down 2

Remarks: Remarks:

 020
 Berthing
 LOA: Max 230m
 021
 Unberthing
 LOA: Max 230m

 Draft:
 Max 15.5m + tide - 10% UKC
 Draft:
 Max 15.5m + tide - 10% UKC

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Remarks:Remarks:

030 **Berthing** LOA: Max 270m 031 **Unberthing** LOA: Max 270m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs **Time:** 24 hrs

Tugs: 2 incl 1 GI escort if no bow thruster. Tugs: 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

040 **Berthing** LOA: Max 310m 041 **Unberthing** LOA: Max 310m **Draft:** Max 15.5m + tide - 10% UKC **Draft:** Max 15.5m + tide - 10% UKC

Time: 24 hrs Time: 24 hrs

Tugs: 3 incl 1 GI escort if no bow thruster. Tugs: 2, 1 if bow & stern thrusters fitted.

1 if bow & stern thrusters fitted.

Remarks: Remarks:

- 1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
- 2. Berthing: LOA >130m swing around &/or Wedge-in minimum 2 tugs.

(On trial for 12 months)

Location: KEL-1 Kellett Anchorage No.1

010 **To anchorage** LOA: Max 300m 011 **From anchorage** LOA: Max 300m

Draft: Max 11.0m (min 10% UKC) **Draft:** Max 11.0m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: see General Remarks Tugs: see General Remarks

Remarks: Remarks:

General Remarks

Tug requirement:

1. For bulker ship, 1 tug if LOA>240m or draft >10.5m; (thrusters not considered as substitute for tug)

- 2. For container ship, 1 tug if LOA >250m or draft >11.0m; and
- 3. For passenger ship, 1 tug if LOA>250m.

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Location: KEL-2 Kellett Anchorage No.2

010 **To anchorage** LOA: Max 150m 011 **From anchorage** LOA: Max 150m

Draft: Max 6.5m (min 10% UKC) **Draft:** Max 6.5m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: Tugs: Remarks: Remarks:

Location: KEL-3 Kellett Anchorage No.3

010 **To anchorage** LOA: Max 180m 011 **From anchorage** LOA: Max 180m

Draft: Max 9.5m (min 10% UKC) **Draft:** Max 9.5m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: Tugs: Remarks: Remarks:

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ON TRIAL

Location: KTCT-1 Kai Tak Cruise Terminal Berth 1

(Declared Depth: 12.0m at Turning Basin / 13.0m at Berth)

010	Berthing	LOA: Max 130m	011	Unberthing I	LOA: Max 130m
Draft:	Max 8m (min	10% UKC)	Draft:	Max 8m (min 1	0% UKC)
Time:	24 hrs		Time:	24 hrs	

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

 Remarks:
 .
 Remarks:

 020
 Berthing
 LOA: Max 230m
 021
 Unberthing
 LOA: Max 230m

 Draft:
 Max 11m (min 10% UKC)
 Draft:
 Max 11m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: 2. If D>10m incl 1 TCS4 escort **Tugs:** 2. If D>10m incl 1 escort

Remarks: Remarks:

 030
 Berthing
 LOA: Max 270m
 031
 Unberthing
 LOA: Max 270m

 Draft:
 Max 11m (min 10% UKC)
 Draft:
 Max 11m (min 10% UKC)

Time: Starboard side to: D&N HW to LW. Time: 24 hrs

Port side to: D&N LW to HW.

Tugs: 3 incl 1 TCS4 escort Tugs: 2 incl 1 escort

Remarks: Remarks:

040 **Berthing** LOA: Max 365m 041 **Unberthing** LOA: Max 365m **Draft:** Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC)

Time: Starboard side to: D&N HW to LW. **Time:** 24 hrs

Port side to: D&N LW to HW.

Tugs:3 incl 1 TCS4 escortTugs:2 incl 1 escortRemarks:2 pilotsRemarks:2 pilots

- 1. For LOA > 270m, berthing/unberthing operations shall be postponed when wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 is hoisted whichever is applicable.
- 1. The BGL of Cruise Ship Transiting Central Harbour shall be applied for vessels crossing Central Harbour.
- 2. Minimum fore and aft clearances are 40m.

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ON TRIAL

Location: KTCT-2 Kai Tak Cruise Terminal Berth 2

(Declared Depth: 12.0m at Turning Basin / 13.0m at Berth)

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

 Time:
 24 hrs
 24 hrs

 Tugs:
 2
 Tugs:
 2

 Remarks:
 Remarks:

020 **Berthing** LOA: Max 230m 021 **Unberthing** LOA: Max 230m

Draft: Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC)

Time: 24 hr. **Time:** 24 hrs

Tugs: 2. If D>10m incl 1 TCS4 escort Tugs: 2. If D>10m incl 1 escort

Remarks: Remarks:

030 **Berthing** LOA: Max 270m 031 **Unberthing** LOA: Max 270m

Draft: Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC)

Time: Starboard side to: D&N HW to LW. **Time:** 24 hrs

Port side to: D&N LW to HW.

Tugs: 3 incl 1 TCS4 escort Tugs: 2 incl 1 escort

Remarks: Remarks:

040 **Berthing** LOA: Max 365m 041 **Unberthing** LOA: Max 365m

Draft: Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC)

Time: Starboard side to: D&N HW to LW. Time: 24 hrs

Port side to: D&N LW to HW.

Tugs: 3 incl 1 TCS4 escort Tugs: 2 incl 1 escort

Remarks: 2 pilots Remarks: 2 pilots

- 1. For LOA > 270m, berthing/unberthing operations shall be postponed when wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 is hoisted whichever is applicable.
- 2. The BGL of Cruise Ship Transiting Central Harbour shall be applied for vessels crossing Central Harbour.
- 3. Outer-foul shall be applied if KTCT-1 berthed with vessel LOA > 230m, see KTCT-2/O-F.
- 4. Minimum fore and aft clearances are 40m.

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ON TRIAL

Location: KTCT-2/O-F Kai Tak Cruise Terminal Berth 2 outer-foul

(Declared Depth: 12.0m at Turning Basin / 13.0m at Berth)

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

 Remarks:
 Remarks:

020 **Berthing** LOA: Max 230m 021 **Unberthing** LOA: Max 230m

Draft: Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: 2. If D>10m incl 1 TCS4 escort Tugs: 2. If D>10m incl 1 escort

Remarks: Remarks:

030 **Berthing** LOA: Max 270m 031 **Unberthing** LOA: Max 270m

Draft: Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC)

Time: Starboard side to: D&N HW to LW. **Time:** 24 hrs

Port side to: D&N LW to HW.

Tugs: 3 incl 1 TCS4 escort Tugs: 2 incl 1 escort

Remarks: Remarks:

040 **Berthing** LOA: Max 300m 041 **Unberthing** LOA: Max 300m

Draft: Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC)

Time: Starboard side to: D&N HW to LW. Time: 24 hrs

Tugs: 3 incl 1 TCS4 escort Tugs: 2 incl 1 escort

Remarks: 2 pilots Remarks: 2 pilots

- 1. For LOA > 270m, berthing/unberthing operations shall be postponed when wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 is hoisted whichever is applicable.
- 2. The BGL of Cruise Ship Transiting Central Harbour shall be applied for vessels crossing Central Harbour.
- 3. Outer-foul shall be applied if KTCT-1 berthed with vessel LOA > 230m.
- 4. Minimum fore and aft clearances are 40m.

Location: KYCA Kau Yi Chau DG anchorage

010 **To anchorage** LOA: Max 120m 011 **From anchorage** LOA: Max 120m

Draft: Max 7m (min 10% UKC) **Draft:** Max 7m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: Tugs: Remarks: Remarks:

Location: LOP Lok On Pai oil berth

010 **Berthing** LOA: Max 122m 011 **Unberthing** LOA: Max 122m

Draft: Max 8m (min 15% UKC) **Draft:** Max 8m (min 15% UKC)

Time:DayTime:DayTugs:2Tugs:2Remarks:Remarks:

Location: MFT Macau ferry terminal

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 5m (min 10% UKC) **Draft:** Max 5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Remarks:

(On trial for 12 months)

Location: MWA Ma Wan anchorage

010 **To anchorage** LOA: Max 320m 011 **From anchorage** LOA: Max 320m

Draft: Max 12.6m (min 10% UKC) **Draft:** Max 12.6m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: see general remarks below **Tugs:** see general remarks below

Remarks: Remarks:

General Remark

This anchorage is subject to strong tidal current, 1 tug is required if LOA>230m or draft >10.0m.

(On trial for 12 months)

Location: NLA North Lamma anchorage

010 **To anchorage** LOA: Max 350m 011 **From anchorage** LOA: Max 350m

Draft: Max 12.9m (min 10% UKC) **Draft:** Max 12.9m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: see General Remarks **Tugs:** see General Remarks

Remarks: Remarks:

General Remarks

Tug requirement:

1. For bulker ship, 1 tug if LOA>240m or draft >10.5m (thrusters not considered as substitute for tug);

- 2. For container ship, 1 tug if LOA >250m or draft >11.0m; and
- 3. For passenger ship, 1 tug if LOA>250m.

Location: NWLA North West Lamma anchorage

To anchorage LOA: Max 300m 011 From anchorage LOA: Max 300m

Draft: Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: see General Remarks Tugs: see General Remarks

Remarks: Remarks:

General Remarks

Tug requirement:

1. For bulker ship, 1 tug if LOA>240m (thrusters not considered as substitute for tug);

- 2. For container ship, 1 tug if LOA >250m; and
- 3. For passenger ship, 1 tug if LOA>250m.

Location: OTN Ocean Terminal north berth

010 **Berthing** LOA: Max 80m 011 **Unberthing** LOA: Max 80m **Draft:** Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

 Time:
 24 hrs
 24 hrs

 Tugs:
 1
 Tugs:
 1

 Remarks:
 Remarks:

020 **Berthing** LOA: Max 130m 021 **Unberthing** LOA: Max 130m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

 Time:
 24 hrs
 24 hrs

 Tugs:
 2
 Tugs:
 2

 Remarks:
 Remarks:

030 **Berthing** LOA: Max 230m 031 **Unberthing** LOA: Max 230m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Starboard side toRemarks:

040 **Berthing** LOA: Max 270m 041 **Unberthing** LOA: Max 270m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

Time: D&N LW-1 to HW-1 Time: 24 hrs

Tugs: 3 incl 1 GI escort Tugs: 2 incl 1 escort

Remarks: Starboard side to Remarks:

Location: OTN/O-F Ocean Terminal north berth outer-foul

010 **Berthing** LOA: Max 175m 011 **Unberthing** LOA: Max 175m

 Draft:
 Max 7.2m (min 10% UKC)
 Draft:
 Max 7.2m (min 10% UKC)

 Time:
 D&N LW-1 to HW+1
 Time:
 D&N LW-1 to HW+1

Tugs: 2
Remarks: Starboard side to

Tugs: 2
Remarks: Remarks:

Location: OTS Ocean Terminal south berth

010 **Berthing** LOA: Max 80m 011 **Unberthing** LOA: Max 80m **Draft:** Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 1
 Tugs:
 1

 Remarks:
 Remarks:

020 **Berthing** LOA: Max 130m 021 **Unberthing** LOA: Max 130m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

 Remarks:
 Remarks:

030 **Berthing** LOA: Max 230m 031 **Unberthing** LOA: Max 230m **Draft:** Max 10.67m (min 10% UKC) **Draft:** Max 10.67m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: 2. If D>10m incl 1 GI escort Tugs: 2. If D>10m incl 1 escort

Remarks: Remarks:

040 **Berthing** LOA: Max 270m 041 **Unberthing** LOA: Max 270m **Draft:** Max 10.67m (min 10% UKC) **Draft:** Max 10.67m (min 10% UKC)

Time: D&N HW-2 to LW+2 Time: 24 hrs
Tugs: 3 incl 1 GI escort Tugs: 2 incl 1 escort

Remarks: Port side to. **Remarks:** Max Fwd = 9.45m Aft = 10.67m.

Max Fwd = 9.45m Aft = 10.67m.

 050
 Berthing
 LOA: Max 290m
 051
 Unberthing
 LOA: Max 290m

 Draft:
 Max 10.67m (min 10% UKC)
 Draft:
 Max 10.67m (min 10% UKC)

Time: D&N HW-2 to LW+1 Time: D&N HW-2 to LW+2 Tugs: 3 incl 1 GI escort Tugs: 2 incl 1 escort

Remarks: 2 pilots. Port side to. **Remarks:** 2 pilots.

Max Fwd = 9.45m Aft = 10.67m. Max Fwd = 9.45m Aft = 10.67m.

Location: OTS/O-F Ocean Terminal south berth outer-foul

010 **Berthing** LOA: Max 175m 011 **Unberthing** LOA: Max 175m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

 Time:
 24 hrs
 24 hrs

 Tugs:
 2
 Tugs:
 2

 Remarks:
 Remarks:

ON TRIAL

Location: PAFF-E Permanent Aviation Fuel Facility East Berth

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 7m (min 15% UKC) **Draft:** Max 7m (min 15% UKC)

Time: D&N @ berth. Time: 24 hrs

LW+1 to HW+2 @ Mawan.

Tugs: 2 Remarks: Stem to tide for berthing Remarks: 2.

020 **Berthing** LOA: Max 168m 021 **Unberthing** LOA: Max 168m

Draft: Max 10m (min 15% UKC) **Draft:** Max 10m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth

HW-1 to HW+2 & LW-1 to LW+ 3

@ Mawan.

Tugs: 2
Remarks: Stem to tide for berthing
Remarks: 2

030 **Berthing** LOA: Max 186m 031 **Unberthing** LOA: Max 186m

Draft: Max 12m (min 15% UKC) **Draft:** Max 12m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

Day light HW to HW+2 & Day light Subject to Mawan transit tidal

LW-1 to LW+2 @ Mawan. window.

Tugs: 2. 1 escort @ Mawan to berth if **Tugs:** 2. 1 escort to Mawan if D>10m or

D>10m or LOA>183m. LOA >183m.

Remarks: 2 pilots. **Remarks:** 2 pilots

Stem to tide for berthing.

040 **Berthing** LOA: Max 230m 041 **Unberthing** LOA: Max 230m

Draft: Max 15m (min 15% UKC) **Draft:** Max 15m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

Day light HW to HW+2 @ Mawan. Subject to Mawan transit tidal

window.

Tugs: 3 incl 1 escort from G.I. + 1 escort @ **Tugs:** 2 incl 1 escort to Mawan

Mawan to berth

Remarks: 2 pilots. **Remarks:** 2 pilots

Starboard side to.

General Remarks:

- 1. Mooring/guard boat employed by agents for mooring operations and traffic control.
- 2. Thrusters are not considered as substitute for tug.
- 3. Tugs power refer to chapter 4, paragraph 7.
- 4. URMA will be used as contingency anchorage.
- 5. Subject to Ma Wan transit tidal window.

ON TRIAL

Location: PAFF-W Permanent Aviation Fuel Facility West Berth

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 7m (min 15% UKC) **Draft:** Max 7m (min 15% UKC)

Time: D&N @ berth. Time: 24 hrs

LW+1 to HW+2 @ Mawan.

Tugs: 2 Remarks: Stem to tide for berthing Remarks: 2.

020 **Berthing** LOA: Max 168m 021 **Unberthing** LOA: Max 168m

Draft: Max 10m (min 15% UKC) **Draft:** Max 10m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth

HW-1 to HW+2 & LW-1 to LW+ 3

@ Mawan.

Tugs: 2
Remarks: Stem to tide for berthing
Remarks: 2

030 **Berthing** LOA: Max 186m 031 **Unberthing** LOA: Max 186m

Draft: Max 12m (min 15% UKC) **Draft:** Max 12m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

Day light HW to HW+2 & Day light Subject to Mawan transit tidal

LW-1 to LW+2 @ Mawan. window.

Tugs: 2. 1 escort @ Mawan to berth if **Tugs:** 2. 1 escort to Mawan if D>10m or

D>10m or LOA>183m. LOA >183m.

Remarks: 2 pilots. **Remarks:** 2 pilots

Stem to tide for berthing.

040 **Berthing** LOA: Max 195m 041 **Unberthing** LOA: Max 195m

Draft: Max 15m (min 15% UKC) **Draft:** Max 15m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

Day light HW to HW+2 @ Mawan. Subject to Mawan transit tidal

window.

Tugs: 3 incl 1 escort from G.I. + 1 escort @ **Tugs:** 2 incl 1 escort to Mawan

Mawan to berth

Remarks: 2 pilots. **Remarks:** 2 pilots

Starboard side to.

General Remarks:

- 1. Mooring/guard boat employed by agents for mooring operations and traffic control.
- 2. Thrusters are not considered as substitute for tug.
- 3. Tugs power refer to chapter 4, paragraph 7.
- 4. URMA will be used as contingency anchorage.
- 5. Subject to Ma Wan transit tidal window.

Location: PSSA-E Pun Shan Shek anchorage east

020 010 **To anchorage** LOA: Max 320m 021 011 **From anchorage** LOA: Max 320m

Draft: Max 12.6m (min 10% UKC) **Draft:** Max 12.6m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: see General Remarks Tugs: see General Remarks

Remarks: Remarks:

General Remarks:

1. This anchorage is commonly used for naval vessels.

2. Tug requirement:

- i. For bulker ship, 1 tug if LOA>240m or draft >10.5m (thrusters not considered as substitute for tug);
- ii. For container ship, 1 tug if LOA >250m or draft >11.0m; and
- iii. For passenger ship, 1 tug if LOA>250m.

Location: PSSA-W Pun Shan Shek anchorage west

010 **To anchorage** LOA: Max 195m 011 **From anchorage** LOA: Max 195m

Draft: Max 11.0m (min 10% UKC) **Draft:** Max 11.0m (min 10% UKC)

Time: If D>8.2m or LOA>150m day only **Time:** 24 hrs

Tugs: See General Remark Tugs: See General Remark

Remarks: Remarks:

General Remark:

1. This anchorage is commonly used for naval vessels.

- 2. Tug requirement:
 - i. For bulker ship 1tug if draft >8.2m or LOA>150m (thrusters not considered as substitute for tug); and
 - ii For container/passenger ship -1 tug if draft >9.0m.

Location: RDGA Reserved dangerous goods anchorage

010 **To anchorage** LOA: Max 150m 011 **From anchorage** LOA: Max 150m

Draft: Max 12.6m (min 10% UKC) **Draft:** Max 12.6m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 1 if D>10.0m
 Tugs:
 1 if D>10m

Remarks: Remarks:

Location: RTT-1 River Trade Terminal No. 1 berth

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2 (grade II)
 Tugs:
 2 (grade II)

Remarks: Stem to tide when berthing. **Remarks:**

020 **Berthing** LOA: Max 175m 021 **Unberthing** LOA: Max 175m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Stem to tide when berthingRemarks:

Location: RTT-2 River Trade Terminal No.2 berth

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2 (grade II)Tugs:2 (grade II)Remarks:Starboard side to only and no outer-Remarks:No outer-foul

foul

020 **Berthing** LOA: Max 150m 021 **Unberthing** LOA: Max 150m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2
 Tugs:
 2

Remarks: Starboard side to only and no outer- **Remarks:** No outer-foul

foul

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ON TRIAL

Location: RTT-4 River Trade Terminal No. 4 berth

 010
 Berthing
 LOA: Max 130m
 011
 Unberthing
 LOA: Max 130m

 Draft:
 Max 8.5m (min 10% UKC)
 Draft:
 Max 8.5m (min 10% UKC)

 Time:
 D&N HW-1 to HW+2 & LW-1 to
 Time:
 D&N HW-1 to HW+2 & LW-1 to

LW+2 @ berth LW+2 @ berth

Tugs: 2 Tugs:

Remarks: Port side to only. **Remarks:** No outer-foul.

No outer-foul. RTT-1 single bank only & RTT-2

2

RTT-1 single bank only & RTT-2 must be vacant. must be vacant.

 020
 Berthing
 LOA: Max 150m
 021
 Unberthing
 LOA: Max 150m

 Draft:
 Max 8.5m (min 10% UKC)
 Draft:
 Max 8.5m (min 10% UKC)

 Time:
 D&N HW-1 to HW+2 & LW-1 to
 Time:
 D&N HW-1 to HW+2 & LW-1 to

LW+2 @ berth LW+2@ berth

Tugs: 2 **Tugs:** 2

Remarks: Port side to only. **Remarks:** No outer-foul.

No outer-foul. RTT-1 single bank only & RTT-2

RTT-1 single bank only & RTT-2 must be vacant. must be vacant.

 030
 Berthing
 LOA: Max 170m
 031
 Unberthing
 LOA: Max 170m

 Draft:
 Max 8.5m (min 10% UKC)
 Draft:
 Max 8.5m (min 10% UKC)

Time: D&N HW-1 to HW+2 & LW-1 to **Time:** D&N HW-1 to HW+2 & LW-1 to

LW+2 @ berth LW+2@ berth

Tugs: 2

Remarks: Port side to only. **Remarks:** No outer-foul.

No outer-foul. RTT-1 single bank only & RTT-2

RTT-1 single bank only & RTT-2 must be vacant.

must be vacant.

General Remarks:

1. RTT-4 berth length is 240m, distance between RTT- 2 & RTT-4 is 150m.

- 2. Thrusters are not considered as substitute for tug.
- 3. No outer-foul = During berthing/unberthing operation at this berth, no barge or coaster shall occupy the same berth.
- 4. Passage to/from RTT-4 berth must be cleared of traffic during berthing/unberthing operation.
- 5. Berthing/unberthing operation shall be postponed when wind force in the area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No. 3 is hoisted, whichever is applicable.
- 6. For berthing order:

NC POB + 1 hr 45 mins = Time @ berth URMPS POB + 1 hr = Time @ berth

7. Berthing/unberthing window is subject to review during on trial period.

ON TRIAL

Location: RTT-5 River Trade Terminal No. 5 berth

010 **Berthing** LOA: Max 130m 011 **Unberthing** LOA: Max 130m **Draft:** Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

Time: D&N HW-1 to HW+2 & LW-1 to **Time:** D&N HW-1 to HW+2 & LW-1 to

LW+2 @ berth LW+2 @ berth

Tugs: 2 Tugs:

Remarks: Starboard side to only. **Remarks:** No outer-foul.

No outer-foul. RTT-1 single bank only.

2

RTT-1 single bank only.

020 **Berthing** LOA: Max 175m 021 **Unberthing** LOA: Max 175m

 Draft:
 Max 8.5m (min 10% UKC)
 Draft:
 Max 8.5m (min 10% UKC)

 Time:
 D&N HW-1 to HW+2 & LW-1 to
 Time:
 D&N HW-1 to HW+2 & LW-1 to

LW+2 @ berth LW+2 @ berth

Tugs: 2 **Tugs:** 2

Remarks: Starboard side to only. **Remarks:** No outer-foul.

No outer-foul. RTT-1 single bank only.

RTT-1 single bank only.

General Remarks:

- 1. RTT-5 berth length is 300m, distance between RTT-5 & breakwater is 177m.
- 2. Thrusters are not considered as substitute for tug.
- 3. No outer-foul = During berthing/unberthing operation at this berth, no barge or coaster shall occupy the same berth.
- 4. Passage to/from RTT-5 berth must be cleared of traffic during berthing/unberthing operation.
- 5. Berthing/unberthing operation shall be postponed when wind force in the area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No. 3 is hoisted, whichever is applicable.
- 6. For berthing order:

NC POB + 1 hr 45 mins = Time @ berth

URMPS POB + 1 hr = Time @ berth

7. Berthing/unberthing window is subject to review during the trial period.

South Cheung Chau anchorage Location: SCCA

To anchorage LOA: Max 400m Max 16.0m (min 15% UKC) **From anchorage** LOA: Max 400m Max 16.0m (min 15% UKC) 010 011

Draft: Draft:

Time: 24 hrs Time: 24 hrs

Tugs: Tugs: Remarks: Remarks:

General Remarks:

Location: SEATRIAL Sea trial, compass adjustment and equipment calibration

010 **Berthing** LOA: Max 011 **Unberthing** LOA: Max **Draft:** Max (min 10% UKC) **Draft:** Max (min 10% UKC)

Time: Day light **Time:** Day light

Tugs: Tugs: Remarks: Remarks:

General Remarks:

- 1. Agent has to advise the length of time required.
- 2. Agent has to provide sea trial permit number.
- 3. It is recommended to start in the morning to avoid undue delay.
- 4. Water at South of Lamma Island and West of Lamma Island will be a suitable location to carry out sea trial, compass adjustment and equipment calibration.
- 5. Vessel should comply with the tug requirement when proceeding in and out from the respective anchorage/berth.

Location: SHACHAU Sha Chau oil terminal (TSK)

010 **Berthing** LOA: Max 80m 011 **Unberthing** LOA: Max 80m

Draft: Max 7m (min 15% UKC) **Draft:** Max 7m (min 15% UKC)

Time: D&N LW to HW+2 @ berth Time: 24 hrs

Tugs: 2 (grade II) Tugs: 2 (grade II), 1 if bow thruster >300

HP

Remarks: Thrusters not considered Remarks:

020 **Berthing** LOA: Max 120m 021 **Unberthing** LOA: Max 120m

Draft: Max 7m (min 15% UKC) **Draft:** Max 7m (min 15% UKC)

Time: D&N LW+1 to HW+1 @ berth Time: 24 hrs

Tugs: 2, 1 if bow thruster >300 HP

Remarks: Stem to tide for berthing. **Remarks:**

Thrusters not considered.

030 **Berthing** LOA: Max 120m 031 **Unberthing** LOA: Max 120m

 Draft:
 Max 7.5m (min 15% UKC)
 Draft:
 Max 7.5m (min 15% UKC)

 Time:
 Day HW to HW+1 @ berth
 Time:
 D&N HW-2 to HW+1 @ berth

 Tugs:
 2
 Tugs:
 2, 1 if bow thruster >300 HP

Remarks: Stem to tide for berthing.

Remarks: Remarks:

Thrusters not considered.

General Remark:

Location: SHELL Shell oil terminal main berth

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

Time: D&N HW-1 to HW+2 & D&N LW **Time:** 24 hrs

to LW+2

Tugs: 2 (grade II) Tugs: 2 (grade II)

Remarks: Starboard side to Remarks:

020 **Berthing** LOA: Max 150m 021 **Unberthing** LOA: Max 150m

Draft: Max 10m (min 10% UKC) **Draft:** Max 10m (min 10% UKC)

Time: D&N HW-1 to HW+2 & D&N **Time:** 24 hrs

LW+1 to LW+2

Tugs: 2
Remarks: Starboard side to

Tugs: 2
Remarks:
Remarks:

030 **Berthing** LOA: Max 184m 031 **Unberthing** LOA: Max 184m

Draft: Max 12m (min 10% UKC) **Draft:** Max 12m (min 10% UKC)

 Time:
 D&N HW to HW+1 & D&N LW+2
 Time:
 24 hrs

 Tugs:
 2. If Draft>10m 1 GI escort.
 Tugs:
 2

Remarks: Starboard side to Remarks:

040 **Berthing** LOA: Max 220m 041 **Unberthing** LOA: Max 220m

Draft: Max 14.5m (min 10% UKC) **Draft:** Max 14.5m (min 10% UKC)

Time: D&N HW to HW+1 & D&N LW+2 **Time:** 24 hrs

Tugs:3 incl 1 GI escortTugs:2Remarks:Day 1 pilot, Night 2 pilots.Remarks:

Berthing at LW+2: 2 pilots.

Starboard side to.

 050
 Berthing
 LOA: Max 245m
 051
 Unberthing
 LOA: Max 245m

 Draft:
 Max 14.5m (min 10% UKC)
 Draft:
 Max 14.5m (min 10% UKC)

Time: D&N HW to HW+1 & D&N LW+2 Time: D&N HW-1 to HW+2 & D&N LW

to LW+2

Tugs: 4 incl 1 GI escort. **Tugs:** 2

If Draft<13m 3 incl 1 GI escort.

Remarks: 2 pilots. Remarks:

Starboard side to.

General Remark:

Location: SHELL-1E Shell No.1 east & west berth

010 **Berthing** LOA: Max 100m 011 **Unberthing** LOA: Max 100m

Draft: Max 6.5m (min 10% UKC) **Draft:** Max 6.5m (min 10% UKC)

Time:Day lightTime:24 hrsTugs:2 (grade II)Tugs:2 (grade II)

Remarks: Opposite berth must vacant when **Remarks:**

berthing

General Remark:

Location: SHELL-2E Shell No. 2 & 3 east &west berth

 010
 Berthing
 LOA: Max 90m
 011
 Unberthing
 LOA: Max 90m

 Draft:
 Max 5.5m (min 10% UKC)
 Draft:
 Max 5.5m (min 10% UKC)

Time:Day lightTime:24 hrsTugs:2 (grade II)Tugs:2 (grade II)

Remarks: Opposite berth must vacant when **Remarks:**

berthing

General Remark:

Location: SHELL-LPG Shell oil terminal LPG berth

010 **Berthing** LOA: Max 100m 011 **Unberthing** LOA: Max 100m

Draft: Max 7m (min 10% UKC) **Draft:** Max 7m (min 10% UKC)

Time: D&N HW-1 to HW+2 & **Time:** 24 hr

D&N LW+1 to LW+3

Tugs: 2 (grade II) Tugs: 2 (grade II)

Remarks: Port side to. Remarks:

020 **Berthing** LOA: Max 135m 021 **Unberthing** LOA: Max 135m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

Time: D&N HW-1 to HW+2 & **Time:** 24 hr

D&N LW+1 to LW+3

Tugs:2Tugs:2Remarks:Port side to.Remarks:

General Remark:

Location: SINO-A Sinopec T/Y main berth (A)

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2 (grade II)Tugs:2 (grade II)

Remarks: Port side to Remarks:

020 **Berthing** LOA: Max 150m 021 **Unberthing** LOA: Max 150m

Draft: Max 10m (min 10% UKC) **Draft:** Max 10m (min 10% UKC)

Time: 24 hrs
Tugs: 2
Remarks: Port side to

Time: 24 hrs
Tugs: 2
Remarks: 2
Remarks:

030 **Berthing** LOA: Max 184m 031 **Unberthing** LOA: Max 184m

Draft: Max 12m (min 10% UKC) **Draft:** Max 12m (min 10% UKC)

Tugs:2. If D>10m 1 GI escort.Tugs:2Remarks:Port side toRemarks:

040 **Berthing** LOA: Max 220m 041 **Unberthing** LOA: Max 220m

Draft: Max 13m (min 10% UKC) **Draft:** Max 13m (min 10% UKC)

Time: D≤10m 24hr **Time:** 24 hrs

D>10m, D&N HW-1 to HW+1 &

D&N LW to LW+1.

Tugs: 3 incl 1 GI escort **Tugs:** 2 **Remarks:** Day 1 pilot, Night 2 pilots. **Remarks:**

Berthing at LW to LW+1: 2 pilots.

Port side to.

050 **Berthing** LOA: Max 250m 051 **Unberthing** LOA: Max 250m

Draft: Max 14m (min 10% UKC) **Draft:** Max 14m (min 10% UKC)

Time: D&N HW-1 to HW+1 & D&N LW **Time:** 24 hrs

to LW+1

Tugs: 4 incl 1 GI escort. Tugs: 2

If D<13m 3 incl 1 GI escort.

Remarks: 2 pilots. **Remarks:**

Port side to.

General Remark:

Location: SINO-B Sinopec T/Y west berth (B)

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2Tugs:2Remarks:Starboard side toRemarks:

General Remark:

Berthing Guidelines Edition - 07 Jan. 2016

Location: SINO-C Sinopec T/Y east berth (C)

 010
 Berthing
 LOA: Max 90m
 011
 Unberthing
 LOA: Max 90m

 Draft:
 Max 6.5m (min 10% UKC)
 Draft:
 Max 6.5m (min 10% UKC)

Time: D&N HW-1.5 to HW+1.5 & D&N **Time:** 24 hrs

LW-1 to LW+1.5

Tugs: 2 (grade II) Tugs: 2 (grade II)

Remarks: Port side to Remarks:

General Remark:

Berthing Guidelines Edition - 07 Jan. 2016

Location: SINO-CW Sinopec Chai Wan berth

010 **Berthing** LOA: Max 65m 011 **Unberthing** LOA: Max 65m

Draft: Max 5m (min 10% UKC) **Draft:** Max 5m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2 (grade II)
 Tugs:
 2 (grade II)

Remarks: Remarks:

General Remark:

Location: SINO-3 Sinopec T/Y No. 3 berth

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

 Time:
 24 hrs
 Time:
 24 hrs

 Tugs:
 2 (grade II)
 Tugs:
 2 (grade II)

Remarks: Remarks:

General Remark:

Location: SLA Anchorages south of Lamma Island

010 **To anchorage** LOA: Max 400m 011 **From anchorage** LOA: Max 400m

Draft: Max 18.0m (min 15% UKC) **Draft:** Max 18.0m (min 15% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: Tugs: Remarks: Remarks:

General remarks:

Location: SSK-1 Sham Shui Kok Anchorage No.1

010 **To anchorage** LOA: Max 180m 011 **From anchorage** LOA: Max 180m

Draft: Max 8.0m (Min 15% UKC) **Draft:** Max 8.0m (Min 15% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: Tugs: Remarks: Remarks:

General Remark:

Location: SSK-2 Sham Shui Kok Anchorage No.2

010 **To anchorage** LOA: Max 180m 011 **From anchorage** LOA: Max 180m

Draft: Max 9.0m (Min 15% UKC) **Draft:** Max 9.0m (Min 15% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: Tugs: Remarks: Remarks:

General Remark:

Location: SSK-TD Sham Shui Kok Trans-shipment Dock

010 Berthing LOA: Max 70m 011 Unberthing LOA: Max 70m

Draft: Max 5.0m with pontoon Max 5.0m with pontoon **Draft:**

(Min 15% UKC)

(Min 15% UKC) Day @ berth Day @ berth Time: Time: 1 (grade II) 1 (grade II) **Tugs: Tugs:**

Remarks: **Remarks:**

General Remark:

Berth must be with pontoon.

Location: SWSTL Shiu Wing steel wharf (TSK)

010 Berthing LOA: Max 168m 011 Unberthing LOA: Max 168m

Draft: Max 10m (min 15% UKC) **Draft:** Max 10m (min 15% UKC)

Time: Day @ berth Time: Day @ berth

Tugs: 2
Remarks: Stem to tide for berthing
Remarks: 2

 020
 Berthing
 LOA: Max 183m
 021
 Unberthing
 LOA: Max 183m

 Draft:
 Max 10.3m (min 15% UKC)
 Draft:
 Max 10.3m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

D>10m Day light HW+1 to HW+3 & Subject to Mawan transit tidal Day light LW-1 to LW+1.5 @ window. D>10m Day light transit

Mawan. on

Tugs: 2. 1 escort @ Mawan if D>10m. Tugs: 2. 1 escort @ Mawan if D>10m.

Remarks: 2 pilots. **Remarks:** 2 pilots. Stem to tide for berthing.

030 **Berthing** LOA: Max 200m 031 **Unberthing** LOA: Max 200m

Draft: Max 10.3m (min 15% UKC) **Draft:** Max 10.3m (min 15% UKC)

Time: Day @ berth. Time: Day @ berth.

Day light HW+1 to HW+3 & Day
Subject to Mawan transit tidal light LW-1 to LW+1.5 @ Mawan.
window, Day light transit only

Tugs: 3 incl 1 escort @ Mawan Tugs: 2 incl 1 escort @ Mawan

Remarks: 2 pilots. **Remarks:** 2 pilots.

Stem to tide for berthing.

Location: THA Tolo harbour anchorage

010 **To anchorage** LOA: Max 150m 011 From anchorage LOA: Max 150m

Draft: Max 8m (min 10% UKC) **Draft:** Max 8m (min 10% UKC)

Time: 24 hrs 24 hrs Time:

Tugs: Tugs:

Remarks: Vessel from Tolo harbour to TSK or Remarks: Vessel from Tolo harbour to TSK or

vice versa must change pilot at Ngan vice versa must change pilot at Ngan Chau.

Chau.

020 **To anchorage** LOA: Max 180m 021 From anchorage LOA: Max 180m

Max 11.0m (min 10% UKC) Max 11.0m (min 10% UKC) **Draft: Draft:**

Time: Day light Time: Day light 1 if D>10.5m 1 if D>10.5m Tugs: Tugs:

Remarks: Not for dead ship. Remarks: Vessel from Tolo harbour to TSK or

Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan

Chau. vice versa must change pilot at Ngan

Chau.

Location: **TOW** Ship under tow

010 **Towing** LOA: Max 183m **Draft:** Max 8.5m (min 10% UKC)

Time: 24 hrs

Tugs: 2. If D>8m, 3.

(Thrusters not considered)

Remarks: See General Remarks

020 **Towing** LOA: Max 214m **Draft:** Max 9.5m (min 10% UKC) **Time:** See General Remarks **Tugs:** 3 (Thrusters not considered)

Remarks:

030 **Towing** LOA: Max 290m **Draft:** Max 14m (min 10% UKC) **Time:** See General Remarks

Tugs: 4 (Thrusters not considered)

Remarks: 2 pilots

General Remarks:

- 1. 2 pilots required if towing time exceed 5 hours.
- 2. **TOLO HARBOUR:** subject to suitable towing arrangement and weather condition.
- 3. Vessel or barge under tow <u>TRANSIT MAWAN</u>; (Max air draft 54.6m at any time, and 57m during the period of Specified Hours)
 - a. Inform VTC well in advance.
 - b. Tow LOA>183m prior consultation/meeting with VTC is required.
 - c. 2 pilots required if LOA>168m.
 - d. For inbound ships under tow to Shenzhen ports via Mawan, the ocean tug and the tow shall be considered as one unit without the need for disconnection.
 - e. Subject to current condition @ Mawan:
 - i. LOA≤230m: <u>RESTRICTED TRANSIT PERIOD</u> @ Mawan = Current Against >2.5 Knots / With>1.5 Knots.
 - ii. LOA>230m: <u>RESTRICTED TRANSIT PERIOD</u> @ Mawan = Current Against >1.5 Knots / With>0.5 Knots.
 - f. LOA \geq 198m or Draft \geq 8.5m or speed less than 5.0 knots, daylight transit only.
 - g. LOA>290m to be approved case by case or requires additional tug as deemed necessary.

Location: TOW-BERTH Ship under tow to/from berth

010 **Berthing** LOA: Max 110m 011 **Unberthing** LOA: Max 110m

Draft: Max 6m (min 10% UKC) **Draft:** Max 6m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: 2 (Thrusters not considered) **Tugs:** 2 (Thrusters not considered)

Remarks: Remarks:

020 **Berthing** LOA: Max 214m 021 **Unberthing** LOA: Max 214m

Draft: Max 9.5m (min 10% UKC) **Draft:** Max 9.5m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: 3 (Thrusters not considered) **Tugs:** 2. If D>8m, 3.

(Thrusters not considered)

Remarks: No wedge in KC5E **Remarks:**

030 **Berthing** LOA: Max 320m 031 **Unberthing** LOA: Max 320m

Draft: Max 13.8m (min 10% UKC) **Draft:** Max 13.8m (min 10% UKC)

Time: D&N slack water Time: D&N slack water

Tugs: 4 (Thrusters not considered) Tugs: 4 (Thrusters not considered)

Remarks: 2 pilots. **Remarks:** 2 pilots.

Sufficient F&A clearance. Sufficient F&A clearance.

Subject to any one of the executive Subject to any one of the executive

director's decision. director's decision.

General Remarks:

This BGL for TOW-BERTH is applicable to Ship under tow to/from anchorage or GMB.

Location: TPGAS Tolo harbour Town Gas wharf

010 011 **Berthing** LOA: Max 122m **Unberthing** LOA: Max 122m **Draft:** Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

See General Remark Time: Time: See General Remark

Tugs: Tugs: 2 (grade II) 2 (grade II)

Remarks: Vessel from Tolo harbour to TSK or Remarks: Vessel from Tolo harbour to TSK or

> vice versa must change pilot at Ngan vice versa must change pilot at

Ngan Chau

020 **Berthing** LOA: Max 198m 021 **Unberthing** LOA: Max 198m

Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC) **Draft:**

Time: See General Remark Time: See General Remark

Tugs: 2. L>168m or D>9.15m 1 escort from **Tugs:** 2. L>168m or D>9.15m 1 escort to Chik Chau Chik Chau

Remarks: Vessel from Tolo harbour to TSK or **Remarks:** Vessel from Tolo harbour to TSK or

vice versa must change pilot at Ngan vice versa must change pilot at Chau

Ngan Chau

030 LOA: Max 228m 031 LOA: Max 228m **Berthing Unberthing**

Draft: Max 11m (min 10% UKC) **Draft:** Max 11m (min 10% UKC) Time: See General Remark See General Remark Time:

Tugs: 3 incl 2 escort from Chik Cha Tugs: 3 incl 2 escort to Chik Cha

Remarks: 2 pilots. Remarks: 2 pilots.

Vessel from Tolo harbour to TSK or Vessel from Tolo harbour to TSK or

vice versa must change pilot at Ngan vice versa must change pilot at

Chau. Ngan Chau.

General Remark:

POB time for berthing: From 30 minutes before sunrise to 120 minutes before sunset.

POB time for unberthing: From sunrise to 90 minutes before sunset.

Location: TSK - MHB Tap Shek Kok Material Handling Berth

010 **Berthing** LOA: Max 120m 011 **Unberthing** LOA: Max 120m

Draft: Max 7.5m (min 15% UKC) **Draft:** Max 7.5m (min 15% UKC)

Time: Day @ berth Time: Day @ berth

Day LW+1 to HW+1 @ berth

Tugs:2Tugs:2Remarks:Starboard side to.Remarks:

Bow not to pass 115m sign board.

General Remarks:

1. Mooring/Guard boat employed by agents for mooring operations and traffic control.

Location: TYD Floating docks west of T/Y Island

010 **Berthing** LOA: Max 183m 011 **Unberthing** LOA: Max 183m **Droft:** Max 8.5m (min 10% LIKC)

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Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC)

Time:24 hrsTime:24 hrsTugs:2 if in towTugs:2 if in tow

Remarks: In tow thrusters not considered Remarks: In tow thrusters not considered

020 **Berthing** LOA: Max 198m 021 **Unberthing** LOA: Max 198m

Draft: Max 8.5m (min 10% **Draft:** Max 8.5m (min 10% UKC)

UKC)

Time:24 hrsTime:24 hrsTugs:3 if in towTugs:3 if in tow

Remarks: In tow thrusters not considered **Remarks:** In tow thrusters not considered

030 **Berthing** LOA: Max 265m 031 **Unberthing** LOA: Max 265m

Draft: Max 8.5m (min 10% UKC) **Draft:** Max 8.5m (min 10% UKC) **Time:** Dock master's advice. **Draft:** Max 8.5m (min 10% UKC) **Time:** Dock master's advice.

Preferably slack water if in tow.

Preferably slack water if in tow.

Tugs: 1 @ GI escort 4 if in tow. Tugs: 1 @ POB escort 4 if in tow.

Remarks: In tow 2 pilots. **Remarks:** In tow 2 pilots.

In tow thrusters not considered.

Min draft sufficient propeller

In tow thrusters not considered.

Min draft sufficient propeller

immersion. immersion.

040 **Berthing** LOA: Max 300m 041 **Unberthing** LOA: Max 300m

Draft:Max 8m (min 10% UKC)Draft:Max 8m (min 10% UKC)Time:Dock master's advice.Time:Dock master's advice.

Preferably slack water if in tow. Preferably slack water if in tow.

Tugs: 1 @ GI escort 4 if in tow. **Tugs:** 1 @ POB escort 4 if in tow.

Remarks: 2 pilots if in tow. **Remarks:** 2 pilots if in tow.

In tow thrusters not considered.

Min draft sufficient propeller

In tow thrusters not considered.

Min draft sufficient propeller

immersion. immersion.

Location: URMA Urmston Road Anchorage

- All vessels other than passenger & container ship

010 **To anchorage** LOA: Max 183m 011 **From anchorage** LOA: Max 183m

Draft: Max 12.0m (min 15% UKC) **Draft:** Max 12.0m (min 15% UKC)

 Time:
 24 hrs.

 Tugs:
 1 if D>10.0m

 Tugs:
 1 if D>10.0m

Remarks: 1 escort tug for Mawan Transit if **Remarks:** 1 escort tug for Mawan Transit if

D>10.0m. D>10.0m.

020 **To anchorage** LOA: Max 230m 021 **From anchorage** LOA: Max 230m

Draft: Max 13.0m (min 15% UKC) **Draft:** Max 13.0m (min 15% UKC)

Time: 24 hrs. **Time:** 24 hrs. **Tugs:** 1 if D>10.0m **Tugs:** 1 if D>10.0m.

030 To anchorage LOA: Max 255m 031 From anchorage LOA: Max 255m

Draft: Max 15.0m (min 15% UKC) **Draft:** Max 15.0m (min 15% UKC)

 Time:
 24 hrs.

 Tugs:
 1

 Tugs:
 1

Remarks: 1 escort tug for Mawan Transit. **Remarks:** 1 escort tug for Mawan Transit.

If D>10.0m, escort from GI through

If D>10.0m, escort from URMA

to URMA through to Mawan transit

To anchorage LOA: Max 310m 041 From anchorage LOA: Max 310m

Draft: Max 16.8m (min 15% UKC) **Draft:** Max 16.8m (min 15% UKC)

Time: 24 hrs. **Time:** 24 hrs. **Tugs:** 1, 2 if D>14.0m **Tugs:** 1

Remarks: 1 escort tug from GI through to **Remarks:** 1 escort tug from URMA for Mawan

URMA. If D>14.0m, +1 @ Mawan Transit. If D>14.0m, +1 @ Mawan

through to URMA

Location: URMA-C **Urmston Road Anchorage - Container Ship**

010 To anchorage LOA: Max 230m 011 From anchorage LOA: Max 230m

Draft: Max 12.50m (min 15% UKC) **Draft:** Max 12.5m (min 15% UKC)

Time: 24 hrs. Time: 24 hrs. 1 if D>10.0m Tugs: 1 if D>10.0m Tugs:

Remarks: Remarks:

020 To anchorage LOA: Max 280m 021 From anchorage LOA: Max 280m

Draft: Max 13.5m (min 15% UKC) **Draft:** Max 13.5m (min 15% UKC)

Time: 24 hrs. 24 hrs. Time: **Tugs:** Tugs: 1 1

Remarks: 1 escort tug for Mawan Transit Remarks: 1 escort tug for Mawan Transit

030 To anchorage LOA: Max 310m 031 From anchorage LOA: Max 310m

Max 15.5m (min 15% UKC) **Draft: Draft:** Max 15.5m (min 15% UKC)

Time: 24 hrs. Time: 24 hrs. 1

Tugs: 1 (Thruster not considered if Tugs:

D>13.5m)

Remarks: 1 escort tug for Mawan Transit.

D>14.5m, 1 tug from GI & 1 tug from Kellett buoy escort for Mawan

Transit

Remarks: 1 escort tug for Mawan Transit.

D>14.5m, 2 escort tugs for Mawan

Transit

Location: URMA-PC/PH Urmston Road Anchorage – Passenger Ship

(Conventional/Highly Maneuverable)

To anchorage LOA: Max 230m 011 From anchorage LOA: Max 230m

Draft: Max 11.0m (min 15% UKC) **Draft:** Max 11.0m (min 15% UKC)

Time: 24 hrs. **Time:** 24 hrs.

Tugs: Tugs: Remarks: Remarks:

020 **To anchorage** LOA: Max 310m 021 **From anchorage** LOA: Max 310m

Draft: Max 11.0m (min 15% UKC) **Draft:** Max 11.0m (min 15% UKC)

 Time:
 24 hrs.

 Tugs:
 1

 Tugs:
 1

Remarks: 1 escort tug for Mawan Transit Remarks: 1 escort tug for Mawan Transit

Tugs:

ON TRIAL

Location: URMPS **Transit Mawan**

(All vessels other than passenger & container ship)

010 N. bound LOA: Max 183m 011 S. bound LOA: Max 183m Max 12m (min 15% UKC) **Draft:** Max 12m (min 15% UKC) **Draft:**

Time: 24 hrs. Time: 24 hrs.

> D>10m, subject to Mawan transit D>10m, subject to Mawan transit

tidal window. tidal window.

1 escort @ Mawan if D>10m. 1 escort @ Mawan if D>10m. **Tugs:** Tugs:

Remarks: Remarks:

020 N. bound LOA: Max 198m 021 S. bound LOA: Max 198m **Draft:** Max 12.5m (min 15% UKC) **Draft:** Max 12.5m (min 15% UKC) Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window. window. 1 escort @ Mawan for Mawan 1 escort @ Mawan for Mawan **Tugs:** Tugs:

Transit. Transit.

Remarks: Day 1 pilot, Night 2 pilots. Remarks: Day 1 pilot, Night 2 pilots.

030 N. bound LOA: Max 230m 031 S. bound LOA: Max 230m **Draft:** Max 13m (min 15% UKC) **Draft:** Max 13m (min 15% UKC) Subject to Mawan transit tidal Subject to Mawan transit tidal Time: Time: window. D>12.5m day light transit

window. D>12.5m day light transit

1 escort @ Mawan for Mawan 1 escort @ Mawan for Mawan **Tugs:**

Transit; for night transit 1 escort Transit; for night transit 1 escort from Kellett buoy to TSK buoy if D> 9m. from TSK buoy to Kellett buoy if

D > 9m.

Remarks: 2 pilots Remarks: 2 pilots.

040 LOA: Max 255m 041 LOA: Max 255m N. bound S. bound

Draft: Max 15m (min 15% UKC) Draft: Max 15m (min 15% UKC)

Time: Day light. Time: Day light.

Subject to Mawan transit tidal Subject to Mawan transit tidal

window. window.

Tug minimum 3600 HP each. Tugs: Tug minimum 3600 HP each. **Tugs:**

1 escort @ Mawan for Mawan 1 escort @ Mawan for Mawan

Transit: from GI if D>10m. Transit.

Remarks: 2 pilots **Remarks:** 2 pilots

ON TRIAL

Location: URMPS Transit Mawan

(All vessels other than passenger & container ship)

050 **N. bound** LOA: Max 290m 051 **S. bound** LOA: Max 290m **Draft:** Max 16.8m (min 15% UKC) **Draft:** Max 16.8m (min 15% UKC)

Time: Day light. **Time:** Day light.

Subject to Mawan transit tidal Subject to Mawan transit tidal

window. window.

Tugs: Tug minimum 3600 HP each. Tugs: Tug minimum 3600 HP each.

1 escort from GI for Mawan Transit; 1 escort @ Mawan for Mawan

+1 @ Mawan if D>14m. Transit; 2 if D>14m.

Remarks: 2 pilots Remarks: 2 pilots

060 **N. bound** LOA: Max 305m 061 **S. bound** LOA: Max 305m **Draft:** Max 16.8m (min 15% UKC) **Draft:** Max 16.8m (min 15% UKC)

Time: Day light. **Time:** Day light.

Subject to Mawan transit tidal Subject to Mawan transit tidal

window.

Tugs: Tug minimum 4000hp each. Tugs: Tug minimum 4000hp each.

1 escort from GI for Mawan Transit; 1 escort @ Mawan for Mawan

+1 @ Mawan if D>14m. Transit; 2 if D>14m.

Remarks: 2 pilots **Remarks:** 2 pilots

General Remarks:

window.

1. Thrusters are not considered as substitute for tug for transit.

2. PILOT BOARDING TIME FOR MA WAN TRANSIT:

@URMPS, URMA, NC & WITHIN HARBOUR:

- Draft exceeds 14m or harbour speed less than 11 knots Mawan transit time minus 1.5 hours;
- Other ships Mawan transit time minus 1 hour.
- 3. Bulker or Tanker of LOA>280m are normally not permitted to lightening or anchor at URMA due to limited space of the anchorage.
- 4. In case of special circumstances and conditions, where a vessel is required to anchor at URMA, she shall obtain prior approval from VTC.
- 5. Unless otherwise specified, escort tug for Mawan transit is required for the waters between Kellett buoy and Ha Pang.
- 6. For LOA>230m≤290m or Draft>13m, escort tug is minimum 3600HP each or minimum 7200HP total (Tug 2600HP not accepted) if 2 tugs are required.

window

Location: URMPS-C Transit Mawan – Container ship

 010
 N. bound
 LOA: Max 200m
 011
 S. bound
 LOA: Max 200m

 Draft:
 Max 10.0m (min. 15% UKC)
 Draft:
 Max 10.0m (min. 15% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: Tugs: Remarks: Remarks:

020 N. bound LOA: Max 230m 021 S. bound LOA: Max 230m Draft: Max 12.5m (min. 15% UKC) Draft: Max 12.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window

Tugs: Tugs: Remarks: Remarks:

030 N. bound LOA: Max 250m 031 S. bound LOA: Max 250m Draft: Max 13m (min. 15% UKC) Draft: Max 13m (min. 15% UKC)
Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window

Tugs: 1 escort @ Mawan for Mawan

Tugs: 1 escort @ Mawan for Mawan

Transit. Transit. Remarks: 2 pilots Remarks: 2 pilots

040 N. bound LOA: Max 280m 041 S. bound LOA: Max 280m Draft: Max 13.5m (min. 15% UKC) Draft: Max 13.5m (min. 15% UKC) Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window window

Tugs: 1 escort from Kellett buoy for Mawan
Tugs: 1 escort @ Mawan for Mawan

Transit. Transit. Remarks: 2 pilots Remarks: 2 pilots

050 N. bound LOA: Max 310m 051 S. bound LOA: Max 310m Draft: Max 14.5m (min. 15% UKC) Draft: Max 14.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window. window.

Tugs: 1 escort from Kellett buoy for Mawan
Tugs: 1 escort @ Mawan for Mawan

Transit. Transit. Remarks: 2 pilots Remarks: 2 pilots

Tugs:

Location: URMPS-C Transit Mawan – Container ship

060 N. bound LOA: Max 353m 061 S. bound LOA: Max 353m **Draft:** Max 15.5m (min. 15% UKC) **Draft:** Max 15.5m (min. 15% UKC) Time: Subject toMawan transit tidal Time: Subject to Mawan transit tidal window. window.

1 escort from Kellett buoy for Mawan **Tugs:** 1 escort @ Mawan for Mawan

Transit. Transit.

D>14.5m to 15.5m, 1 from GI & 1 D>14.5m to 15.5m, 2 escort @ from Kellett buoy escort for Mawan Mawan for Mawan Transit.

Transit.

Remarks: 2 pilots Remarks: 2 pilots

070 N. bound LOA: Max 370m 071 S. bound LOA: Max 370m **Draft:** Max 15.5m (min. 15% UKC) **Draft:** Max 15.5m (min. 15% UKC) Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal window. window.

1 escort from Kellett buoy for Mawan 1 escort @ Mawan for Mawan **Tugs:** Tugs:

> Transit. Transit.

D>12.5m to 15.5m, 1 from GI & 1 D>12.5m to 15.5m, 2 escort @ from Kellett buoy escort for Mawan Mawan for Mawan Transit.

Transit.

Remarks: 2 pilots Remarks: 2 pilots

080 N. bound LOA: Max 400m 081 S. bound LOA: Max 400m **Draft:** Max 16.0m (min. 15% UKC) **Draft:** Max 16.0m (min. 15% UKC) Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal window.

window.

D>15.5m to 16.0m, day light. D>15.5m to 16.0m, day light. 2 escort @ Mawan for Mawan 1 from GI & 1 from Kellett buoy Tugs: **Tugs:**

> escort for Mawan Transit. Transit.

2 pilots **Remarks:** 2 pilots Remarks:

General Remarks:

- Vessels of LOA >310m are not permitted to anchor within the area between Ma Wan West and URMPS.
- In case of special circumstances and conditions, when vessel of LOA >310m is required to anchor within the area between Ma Wan West and URMPS, she shall obtain prior approval from VTC and comply with the conditions required by VTC/MD.
- Container vessel of LOA >400m, transiting Ma Wan for the first time, are subject to Practical Assessment through (a) Restricted Ma Wan Transit tidal window (b) Special tug requirement.
- Unless otherwise specified, escort tug for Mawan transit is required for the waters:
 - North bound: from Kellett buoy to NW Mawan Signal Mast except required at a location earlier by pilot/Master.
 - South bound: from Ha Pang to 0.5 n.mile south of Tsing Ma Bridge except required at a location earlier by pilot/Master.
- For LOA >340m 370m or D>13.5m, escort tug is minimum 3600HP each or minimum 7200HP total (Tug 2600HP not accepted) if 2 tugs are required
- For LOA > 370m 400m, minimum power of each escort tug is 4000HP.

ON TRIAL

Location: URMPS-PC Transit Mawan - Passenger Ship (Conventional)

010 N. bound LOA: Max 200m 011 S. bound LOA: Max 200m **Draft:** Max 10.0m (min. 15% UKC) **Draft:** Max 10.0m (min. 15% UKC) Time: 24 hrs Time: 24 hrs

Tugs: Tugs: **Remarks: Remarks:**

020 N. bound LOA: Max 230m 021 S. bound LOA: Max 230m **Draft:** Max 11.0m (min. 15% UKC) **Draft:** Max 11.0m (min. 15% UKC) Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal window window

Tugs: Tugs: Remarks: Remarks:

030 N. bound LOA: Max 270m 031 S. bound LOA: Max 270m **Draft:** Max 11.0m (min. 15% UKC) **Draft:** Max 11.0m (min. 15% UKC) Time: Time: Subject to Mawan transit tidal Subject to Mawan transit tidal

> window window

Tugs: 1 escort @ Mawan for Mawan Tugs: 1 escort @ Mawan for Mawan Transit.

Transit.

Remarks: 2 pilots Remarks: 2 pilots

040 N. bound LOA: Max 290m 041 S. bound LOA: Max 290m **Draft: Draft:** Max 11.0m (min. 15% UKC) Max 11.0m (min. 15% UKC) Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal window

window

1 escort from Kellett buoy for Mawan **Tugs: Tugs:** 1 escort @ Mawan for Mawan

Transit. Transit. Remarks: 2 pilots Remarks: 2 pilots

051 050 LOA: Max 345m LOA: Max 345m N. bound S. bound **Draft: Draft:** Max 11.0m (min. 15% UKC) Max 11.0m (min. 15% UKC) Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window. window.

1 escort @ Mawan for Mawan **Tugs:** 1 escort from Kellett buoy for Mawan **Tugs:**

Transit. Transit.

Remarks: 2 pilots Remarks: 2 pilots

General Remarks:

- Passenger ships, other than those defined as highly maneuverable in URMPS-PH/URMA-PH, are classified as conventional passenger ships.
- Vessels of LOA >310m are not permitted to anchor within the area between Ma Wan West and 2. URMPS.
- In case of special circumstances and conditions, when vessel of LOA >310m is required to anchor 3. within the area between Ma Wan West and URMPS, she shall obtain prior approval from VTC and comply with the conditions required by VTC/MD.
- Unless otherwise specified, escort tug for Mawan transit is required for the waters:
 - a. North bound: from Kellett buoy to NW Mawan Signal Mast except required at a location earlier by pilot/Master.
 - b. South bound: from Ha Pang to 0.5 n.mile south of Tsing Ma Bridge except required at a location earlier by pilot/Master.

ON TRIAL

Location: URMPS-PH Transit Mawan – Passenger Ship (Highly Maneuverable)

 N. bound
 LOA: Max 200m
 011
 S. bound
 LOA: Max 200m

 Draft:
 Max 10.0m (min. 15% UKC)
 Draft:
 Max 10.0m (min. 15% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: Tugs: Remarks: Remarks:

020 N. bound LOA: Max 230m 021 S. bound LOA: Max 230m Draft: Max 11.0m (min. 15% UKC) Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window window

Tugs: Tugs: Remarks: Remarks:

030 N. bound LOA: Max 270m 031 S. bound LOA: Max 270m Draft: Max 11.0m (min. 15% UKC) Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window window

Tugs: 1 escort @ Mawan for Mawan

Tugs: 1 escort @ Mawan for Mawan

Transit. Transit.

Remarks: 2 pilots Remarks: 2 pilots

040 N. bound LOA: Max 290m 041 S. bound LOA: Max 290m Draft: Max 11.0m (min. 15% UKC) Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window window

Tugs: 1 escort from Kellett buoy for Mawan
Tugs: 1 escort @ Mawan for Mawan

Transit. Transit.

Remarks: 2 pilots Remarks: 2 pilots

050 N. bound LOA: Max 345m 051 S. bound LOA: Max 345m Draft: Max 11.0m (min. 15% UKC) Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal Time: Subject to Mawan transit tidal

window. window.

Transit. Transit. 2 pilots Remarks: 2 pilots

Remarks: 2 pilots Remarks: 2 pilots

General Remarks:

- 1. Highly maneuverable passenger ships should meet the following requirements:
 - (a) bow thrusters of total power ≥ 8000 HP
 - (b) Equipped with azipods.
- 2. Vessels of LOA >310m are not permitted to anchor within the area between Ma Wan West and URMPS.
- 3. In case of special circumstances and conditions, when vessel of LOA >310m is required to anchor within the area between Ma Wan West and URMPS, she shall obtain prior approval from VTC and comply with the conditions required by VTC/MD.
- 4. Unless otherwise specified, escort tug for Mawan transit is required for the waters:
 - a. North bound : from Kellett buoy to NW Mawan Signal Mast except required at a location earlier by pilot/Master.
 - b. South bound : from Ha Pang to 0.5 n.mile south of Tsing Ma Bridge except required at a location earlier by pilot/Master.

Location: WA-1 Western anchorage No.1

010 **To anchorage** LOA: Max 120m 011 **From anchorage** LOA: Max 120m

Draft: Max 7.5m (min 10% UKC) **Draft:** Max 7.5m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: Tugs: Remarks: Remarks:

Location: WA-2 Western anchorage No.2

010 **To anchorage** LOA: Max 400m 011 **From anchorage** LOA: Max 400m

Draft: Max 12.6m (min 10% UKC) **Draft:** Max 12.6m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: see General Remarks **Tugs:** see General Remarks

Remarks: Remarks:

General Remarks

Tug requirement:

1. For bulker ship, 1 tug if LOA>240m or draft >10.5m (thrusters not considered as substitute for tug);

- 2. For container ship, 1 tug if LOA > 250m or draft > 11.0m; and
- 3. For passenger ship, 1 tug if LOA>250m.

Location: WA-3 Western anchorage No.3

010 **To anchorage** LOA: Max 350m 011 **From anchorage** LOA: Max 350m

Draft: Max 12.6m (min 10% UKC) **Draft:** Max 12.6m (min 10% UKC)

Time: 24 hrs **Time:** 24 hrs

Tugs: see General Remarks Tugs: see General Remarks

Remarks: Remarks:

General Remarks

Tug requirement:

1. For bulker ship, 1 tug if LOA>240m or draft >10.5m (thrusters not considered as substitute for tug);

- 2. For container ship, 1 tug if LOA > 250m or draft > 11.0m; and
- 3. For passenger ship, 1 tug if LOA>250m.

Location: WQA Western Quarantine anchorage

010 **To anchorage** LOA: Max 180m 011 **From anchorage** LOA: Max 180m

Draft: Max 10.7m (min 10% UKC) **Draft:** Max 10.7m (min 10% UKC)

Time: 24 hrs Time: 24 hrs

Tugs: see General Remarks Tugs: Remarks: Remarks:

General Remarks

Tug requirement:

1. For bulker ship, 1 tug if draft >10.5m (thrusters not considered as substitute for tug).

Location: YMTA Yau Ma Tei anchorage

To anchorage LOA: Max 100m Max 5.5m (min 10% UKC) 010 From anchorage LOA: Max 100m 011

Max 5.5m (min 10% UKC) **Draft: Draft:**

24 hrs Time: 24 hrs Time:

Tugs: Tugs: Remarks: Remarks: Location: YUENFAT Yuen Fat wharf No.2 berth

010 **Berthing** LOA: Max 70m 011 **Unberthing** LOA: Max 70m **Draft:** Max 6.7m (min 10% UKC) **Draft:** Max 6.7m (min 10% UKC)

Time:Day lightTime:24 hrsTugs:2 (grade II)Tugs:2 (grade II)

Remarks: Port side to Remarks:

020 **Berthing** LOA: Max 153m 021 **Unberthing** LOA: Max 153m

Draft:Max 6.7m (min 10% UKC)**Draft:**Max 6.7m (min 10% UKC)**Time:**Day lightTime:Day any time, night HW only.

Tugs: 2
Remarks: Port side to
Tugs: 2
Remarks: