

Chapter: 12

BERTHING GUIDELINES

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Code	Locations	Code	Locations
ASB-JB	ASB Biodiesel Terminal (Junk Bay)	KEL-1	Kellett Anchorage No. 1
BUOY	Government mooring buoy	KEL-2	Kellett Anchorage No. 2
CCEMENT	China Cement Company (TSK)	KEL-3	Kellett Anchorage No. 3
CFT	China ferry terminal	KTCT-2	Kai Tak Cruise Terminal berth 2
CHT-PC	Central Harbour Transit – Passenger Ship (Conventional)	KTCT-2/O-F	Kai Tak Cruise Terminal berth 2 outer-foul
CHT-PC-TW	Central Harbour Transit – Passenger Ship (Conventional) (Trial Window)	KYCA	Kau Yi Chau DG anchorage
CHT-PH	Central Harbour Transit – Passenger Ship (Highly Maneuverable)	LOP	Lok On Pai oil berth
CHT-PH-TW	Central Harbour Transit – Passenger Ship (Highly Maneuverable)(Trial Window)	MFT	Macau ferry terminal
CLPTSK	China light power station (TSK)	MWA	Ma Wan anchorage
CMKEN-N	China Merchant Kennedy Town north berth	NLA	North Lamma anchorage
CMKEN-S	China Merchant Kennedy Town south berth	NWLA	North West Lamma anchorage
CVX	Chevron T/Y main berth	OTN	Ocean Terminal north berth
CVX-5	Chevron T/Y No. 5 berth	OTN/O-F	Ocean Terminal north berth outer-foul
CVX-6A	Chevron T/Y No. 6A berth	OTS	Ocean Terminal south berth
CVX-LPG	Chevron T/Y LPG berth	OTS/O-F	Ocean Terminal south berth outer-foul
EMTY-E1	ExxonMobil T/Y east terminal berth 1	PAFF-E	Permanent Aviation Fuel Facility East Berth
EMTY-E4	ExxonMobil T/Y east terminal berth 4	PAFF-W	Permanent Aviation Fuel Facility West Berth
EMTY-W1	ExxonMobil T/Y west terminal berth 1	PSSA-E	Pun Shan Shek anchorage east
EMTY-W2	ExxonMobil T/Y west terminal berth 2	PSSA-W	Pun Shan Shek anchorage west
EURO-1	Euro-Asia berth 1	RDGA	Reserved dangerous goods anchorage
EURO-2	Euro-Asia berth 2	RTT-1	River Trade Terminal No.1 berth
EURO-3P	Euro-Asia berth 3P	RTT-2	River Trade Terminal No.2 berth
HKELECT(N)	Lamma power station north wharf	RTT-4	River Trade Terminal No.4 berth
HKELECT(S)	Lamma power station south wharf	RTT-5	River Trade Terminal No.5 berth
HKOLNG(E)	Hong Kong Offshore LNG Terminal east berth	SCCA	South Cheung Chau anchorage
HKOLNG(W)	Hong Kong Offshore LNG Terminal west berth	SEATRIAL	Sea trial, compass adjustment & equipment calibration
JBDGA	Junk Bay DG anchorage	SHELL	Shell oil terminal main berth
KC1	Kwai Chung berth 1	SHACHAU	Sha Chau oil terminal (TSK)
KC2	Kwai Chung berth 2	SHELL	Shell oil terminal main berth
KC3	Kwai Chung berth 3	SHELL-1E	Shell No. 1 east & west berth
KC4	Kwai Chung berth 4	SHELL-2E	Shell No. 2 & 3 east & west berth
KC5	Kwai Chung berth 5	SHELL-LPG	Shell oil terminal LPG berth
KC6	Kwai Chung berth 6	SINO-A	Sinopec T/Y main berth (A)
KC6/O-F	Kwai Chung berth 6 outer-foul	SINO-B	Sinopec T/Y west berth (B)
KC7	Kwai Chung berth 7	SINO-C	Sinopec T/Y east berth (C)
KC7/O-F	Kwai Chung berth 7 outer-foul	SINO-CW	Sinopec Chai Wan berth
KC8, 9	Kwai Chung berth 8& 9	SINO-3	Sinopec T/Y No. 3 berth
KC10C, 10E	Kwai Chung berth 10C & 10E	SLA	Anchorage South of Lamma Island
KC10W	Kwai Chung berth 10W	SSK-1	Sham Shui Kok Anchorage No. 1
KC11	Kwai Chung berth 11	SSK-2	Sham Shui Kok Anchorage No. 2
KC12	Kwai Chung berth 12	SSK-TD	Sham Shui Kok Trans-shipment Dock
KC13-14	Kwai Chung berth 13-14	SWSTL	Shiu Wing steel wharf (TSK)
KC15	Kwai Chung berth 15	THA	Tolo harbour anchorage
KC16	Kwai Chung berth 16	TOW	Ship under tow
KC17-19	Kwai Chung berth 17-19	TOW-BERTH	Ship under tow to/from berth
KC20	Kwai Chung berth 20	TPGAS	Tolo harbour Town Gas wharf
		TSK-MHB	Tap Shek Kok Material Handling Berth
		TYD	Floating docks west of T/Y Island

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

Code	Locations
WA-2	Western anchorage No.2
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
Draft: Max 6m (min 10% UKC)
Time: Day light
Tugs: 2 (Grade II)
Remarks:

011 **Unberthing** LOA: Max 85m
Draft: Max 6m (min 10% UKC)
Time: Day light
Tugs: 2 (Grade II)
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **BUOY****Government mooring buoy**

010 **Berthing** LOA: Max 183m
Draft: Subject to the depth underneath
 individual buoy (min 10% UKC)
Time: 24 hrs
Tugs: See General Remarks
Remarks:

011 **Unberthing** LOA: Max 183m
Draft: Subject to the depth underneath
 individual buoy (min 10% UKC)
Time: 24 hrs
Tugs: See General 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
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks: Stem to tide for berthing

011 **Unberthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 183m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 D>10m, Day light HW+1 to HW+3
 & Day light LW-1 to LW+1.5 @
 Mawan.
Tugs: 2. 1 escort @ Mawan if Draft>10m.
Remarks: 2 pilots. Stem to tide for berthing.
 D>10m Starboard side to.

021 **Unberthing** LOA: Max 183m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 D>10m, subject to Mawan transit
 tidal window.
Tugs: 2. 1 escort @ Mawan if D>10m.
Remarks: 2 pilots.

030 **Berthing** LOA: Max 230m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Day light HW+1 to HW+3 @
 Mawan.
Tugs: 3 incl 1 escort @ Mawan.
 From URMA: 3 incl 1 escort from
 URMA to berth.

031 **Unberthing** LOA: Max 230m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window.
 D>12.5m, day light transit only.
Tugs: 2 incl 1 escort @ Mawan.
 To URMA: 2 incl 1 escort from
 berth to URMA.

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

040 **Berthing** LOA: Max 240m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Day light HW+1 to HW+1.5 @
 Mawan.
Tugs: 4 incl 1 escort from GI + 1 @
 Mawan.
 D≤12m, 3 incl 1 escort from GI + 1
 @ Mawan.
 From URMA: 4 incl 1 escort URMA
 to berth. D≤12m, 3 incl 1 escort
 from URMA to berth.

041 **Unberthing** LOA: Max 240m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 D>12.5m, Day light HW to HW+2
 & Day light LW+1 to LW+3 @
 Mawan.
 D≤12.5m, subject to Mawan transit
 tidal window, day light transit only.
Tugs: 2 incl 1 escort @ Mawan
 To URMA: 2 incl 1 escort from
 berth to URMA.

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

Subject to Ma Wan transit tidal window.

Location : **CFT**

China ferry terminal

010 **Berthing** LOA: Max 153m
Draft: Max 6.5m (min 10% UKC)
Time: 0700 – 2400 hrs
Tugs: 2
Remarks: No outer-foul for No.3 berth

011 **Unberthing** LOA: Max 153m
Draft: Max 6.5m (min 10% UKC)
Time: 0700 – 2400 hrs
Tugs: 2
Remarks: No outer-foul for No.3 berth

ON TRIALLocation: **CHT-PC****Central Harbour Transit – Passenger Ship
(Conventional)**

010 **East Bound** LOA: Max 230m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **West Bound** LOA: Max 230m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

020 **East Bound** LOA: Max 270m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs: 1 escort
Remarks:

021 **West Bound** LOA: Max 270m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs: 1 escort
Remarks:

030 **East Bound** LOA: Max 290m
Draft: Max 9.5m (min 10% UKC)
Time: D&N LW-2 to HW
Tugs: 2 escort
Remarks: 2 pilots.
 1 guard boat to clear the passage.

031 **West Bound** LOA: Max 290m
Draft: Max 9.5m (min 10% UKC)
Time: D&N HW+1 to LW+1
Tugs: 2 escort
Remarks: 2 pilots.
 1 guard boat to clear the passage.

040 **East Bound** LOA: Max 345m
Draft: Max 9.5m (min 10% UKC)
Time: D&N LW-2 to HW
Tugs: 2 escort
Remarks: 2 pilots.
 Removal of N1 & N2 buoys.
 1 guard boat to clear the passage.

041 **West Bound** LOA: Max 345m
Draft: Max 9.5m (min 10% UKC)
Time: D&N HW+1 to LW+1
Tugs: 2 escort
Remarks: 2 pilots.
 Removal of N1 & N2 buoys.
 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 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 1900 and 2200 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 1900 and 2200 hours		Time:	between 1900 and 2200 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 1900 and 2200 hours		Time:	between 1900 and 2200 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 1900 and 2200 hours & LW-2 to HW		Time:	between 1900 and 2200 hours & HW+1 to LW+1	
Tugs:	2 escort		Tugs:	2 escort	
Remarks:	2 pilots 1 guard boat to clear the passage		Remarks:	2 pilots 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
 - (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 TRIALLocation: **CHT-PH****Central Harbour Transit – Passenger Ship
(Highly Maneuverable)**

010 **East Bound** LOA: Max 230m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **West Bound** LOA: Max 230m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

020 **East Bound** LOA: Max 270m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs: 1 escort
Remarks:

021 **West Bound** LOA: Max 270m
Draft: Max 9.0m (min 10% UKC)
Time: 24 hrs
Tugs: 1 escort
Remarks:

030 **East Bound** LOA: Max 290m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 escort
Remarks: 2 pilots.
 1 guard boat to clear the passage.

031 **West Bound** LOA: Max 290m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 escort
Remarks: 2 pilots.
 1 guard boat to clear the passage.

040 **East Bound** LOA: Max 345m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 escort
Remarks: 2 pilots.
 1 guard boat to clear the passage.

041 **West Bound** LOA: Max 345m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 escort
Remarks: 2 pilots.
 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 1900 and 2200 hours**

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

<p>010 East Bound LOA: Max 230m Draft: Max 9.0m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 1 escort Remarks:</p>	<p>011 West Bound LOA: Max 230m Draft: Max 9.0m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 1 escort Remarks:</p>
<p>020 East Bound LOA: Max 270m Draft: Max 9.0m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 1 escort Remarks:</p>	<p>021 West Bound LOA: Max 270m Draft: Max 9.0m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 1 escort Remarks:</p>
<p>030 East Bound LOA: Max 290m Draft: Max 9.5m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 2 escort Remarks: 2 pilots. 1 guard boat to clear the passage.</p>	<p>031 West Bound LOA: Max 290m Draft: Max 9.5m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 2 escort Remarks: 2 pilots. 1 guard boat to clear the passage.</p>
<p>040 East Bound LOA: Max 345m Draft: Max 9.5m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 2 escort Remarks: 2 pilots. 1 guard boat to clear the passage.</p>	<p>041 West Bound LOA: Max 345m Draft: Max 9.5m (min 10% UKC) Time: between 1900 and 2200 hours Tugs: 2 escort Remarks: 2 pilots. 1 guard boat to clear the passage.</p>

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 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).

ON TRIAL

Location : CLPTSK

China light power station (TSK)

010 **Berthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks: Stem to tide for berthing

011 **Unberthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 183m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 D>10m Day light HW+1 to HW+3 &
 Day light LW-1 to LW+1.5 @
 Mawan.
Tugs: 2. 1 escort @ Mawan if D>10m.
Remarks: 2 pilots.
 Stem to tide for berthing.

021 **Unberthing** LOA: Max 183m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 D>10m, subject to Mawan transit
 tidal window.
Tugs: 2. 1 escort @ Mawan if D>10m.
Remarks: 2 pilots

030 **Berthing** LOA: Max 230m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Day light HW+1 to HW+3 @
 Mawan.
Tugs: 3 incl 1 escort @ Mawan.
 From URMA: 3 incl 1 escort from
 URMA to berth.
Remarks: 2 pilots. Starboard side to.

031 **Unberthing** LOA: Max 230m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window.
 D>12.5m, day light transit only.
Tugs: 2 incl 1 escort @ Mawan.
 To URMA: 2 incl 1 escort from
 berth to URMA.
Remarks: 2 pilots

040 **Berthing** LOA: Max 280m
Draft: Max 16.8m (min 15% UKC)
Time: Day @ berth.
 Day light HW+1 @ Mawan.
 1st Jun – 15th Oct : Day light HW+0.5
 @ Mawan.

Tugs: 4 tugs incl 1 escort from GI & 1 @
 Mawan to berth.
 From URMA: 4 tugs incl 1 escort
 from URMA to berth.

Remarks: 2 pilots. Starboard side to.

041 **Unberthing** LOA: Max 280m
Draft: Max 16.8m (min 15% UKC)
Time: Day @ berth.
 D>12.5m, Day light HW to HW+2
 & Day light LW+1 to LW+3 @
 Mawan.
 D≤12.5m, subject to Mawan transit
 tidal window, Day light transit only.
Tugs: 2 incl 1 escort @ Mawan.
 D>14m, 3 incl 2 escort @ Mawan.
 To URMA: 2 incl 1 escort from
 berth to URMA.
 D>14m, 3 incl 2 escort from berth to
 URMA.

Remarks: 2 pilots.

ON TRIAL

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

050 **Berthing** LOA: Max 305m
Draft: Max 16.8m (min 15% UKC)
Time: Day @ berth.
 HW+1 @ Mawan.
 1st Jun – 15th Oct : Day HW+0.5
 @ Mawan.

Tugs: 4 tugs minimum 4,000hp each,
 incl 1 escort from GI & 1 @ Mawan
 to berth (see General Remarks).
 From URMA: 4 tugs, minimum
 4,000hp each incl 1 escort from
 URMA to berth.

Remarks: 2 pilots. Starboard side to.

051 **Unberthing** LOA: Max 305m
Draft: Max 16.8m (min 15% UKC)
Time: Day @ berth.
 D>12.5m, Day light HW to HW+2
 & Day light LW+1 to LW+3 @
 Mawan.
 D≤12.5m, subject to Mawan transit
 tidal window, Day light transit only.
Tugs: 2 incl 1 escort @ Mawan.
 D>14m, 3 incl 2 escort @ Mawan
 (see General Remarks).
 To URMA: 2 incl 1 escort from
 berth to URMA. D>14m, 3 incl 2
 escort from berth to URMA.

Remarks: 2 pilots

General Remarks:

1. Subject to Ma Wan transit tidal window.
2. During the initial implementation of the trials For LOA Max 305m, provision of one more escort tug from the above-mentioned stipulated number of tugs during Mawan transit is recommended. This tug arrangement should be kept until such trails are satisfactory and under control of the working pilots, it will be evaluated at every 5 berthing/unberthing operations.

Location : CMKEN-N

China Merchant Kennedy Town north berth

010 **Berthing** LOA: Max 110m
Draft: Max 7m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

011 **Unberthing** LOA: Max 110m
Draft: Max 7m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 130m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1 (grade I) + 1 (grade II)
Remarks:

021 **Unberthing** LOA: Max 130m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1 (grade I) + 1 (grade II)
Remarks:

030 **Berthing** LOA: Max 156m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

031 **Unberthing** LOA: Max 156m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

Location : **CMKEN-S**

China Merchant Kennedy Town south berth

010 **Berthing** LOA: Max 120m
Draft: Max 7m (min 10% UKC)
Time: Day light
Tugs: 2 (grade I) or 3 (grade II)
Remarks: Preferably port side to

011 **Unberthing** LOA: Max 120m
Draft: Max 7m (min 10% UKC)
Time: Day light
Tugs: 2 (grade I) or 3 (grade II)
Remarks:

Location : CVX

Chevron T/Y main berth

010 **Berthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: D&N HW-1 to HW+2 & D&N LW
to LW+3
Tugs: 2 (grade II)
Remarks: Starboard side to

011 **Unberthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: D&N HW-1 to HW+2 & D&N
LW+1 to LW+2
Tugs: 2
Remarks: Starboard side to

021 **Unberthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW+2
Tugs: 2. If D>10m 1 GI escort.
Remarks: Starboard side to

031 **Unberthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

040 **Berthing** LOA: Max 220m
Draft: Max 12.6m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW+2
Tugs: 3 incl 1 GI escort
Remarks: Day 1 pilot, Night 2 pilots.
Berthing at LW+2 : 2 pilots.
Starboard side to.

041 **Unberthing** LOA: Max 220m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

050 **Berthing** LOA: Max 250m
Draft: Max 12.6m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW+2
Tugs: 3 incl 1 GI escort
Remarks: 2 pilots.
Starboard side to.

051 **Unberthing** LOA: Max 250m
Draft: Max 12.6m (min 10% UKC)
Time: D&N HW-1 to HW+2 & D&N LW
to LW+2
Tugs: 2
Remarks:

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
Draft: Max 5.2m (min 10% UKC)
Time: 24 hrs
Tugs: 1 (grade II)
Remarks: Max LOA 65m if no pontoon.
 Max draft 3.2m if no pontoon.

011 **Unberthing** LOA: Max 80m
Draft: Max 5.2m (min 10% UKC)
Time: 24 hrs
Tugs: 1 (grade II)
Remarks: Max LOA 65m if no pontoon.
 Max draft 3.2m if no pontoon.

General Remark:

Thrusters are not considered as substitute for tug.

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

010 **Berthing** LOA: Max 80m
Draft: Max 7.3m (min 10% UKC)
Time: Day any time &
 Night LW to LW+3
Tugs: 1 (grade II)
Remarks: Starboard side to.
 Port anchor to be used.

011 **Unberthing** LOA: Max 80m
Draft: Max 7.3m (min 10% UKC)
Time: 24 hrs
Tugs: 1 (grade II)
Remarks:

020 **Berthing** LOA: Max 110m
Draft: Max 7.3m (min 10% UKC)
Time: Day any time &
 Night LW to LW+3
Tugs: 2 (grade II)
Remarks: Starboard side to.
 Port anchor to be used.

021 **Unberthing** LOA: Max 110m
Draft: Max 7.3m (min 10% UKC)
Time: 24 hrs
Tugs: 1 (grade II)
Remarks: 2 (grade II) if no anchor down.

General Remark:

Thrusters are not considered as substitute for tug.

ON TRIALLocation : **CVX-LPG****Chevron T/Y LPG berth**

010 **Berthing** LOA: Max 80m
Draft: Max 6.5m (min 10% UKC)
Time: D&N LW+1 to LW+3
Tugs: 1 (grade II)

Remarks: Starboard side to.
Bow not to pass 6.5m sign board.

020 **Berthing** LOA: Max 114m
Draft: Max 6.5m (min 10% UKC)
Time: D&N LW+1 to LW+3
Tugs: 2.

Remarks: Starboard side to.
Bow not to pass 6.5m sign board.

011 **Unberthing** LOA: Max 80m
Draft: Max 6.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1 (grade II) tug for unberthing on
flood tide.
2 (grade II) tugs on ebb tide.

Remarks:

021 **Unberthing** LOA: Max 114m
Draft: Max 6.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II) tugs for unberthing on
flood tide.
2 (grade I) tugs on ebb tide.

Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

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

010 **Berthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks: Port side to

011 **Unberthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Port side to

021 **Unberthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: 24 hrs
Tugs: 2. If D>10m 1 GI escort.
Remarks: Port side to

031 **Unberthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

040 **Berthing** LOA: Max 220m
Draft: Max 13m (min 10% UKC)
Time: D≤10m 24hr.
 D>10m, D&N HW-1 to HW+1 &
 D&N LW to LW+1.
Tugs: 3 incl 1 GI escort
Remarks: Day 1 pilot, Night 2 pilots.
 Berthing at LW to LW+1 : 2 pilots.
 Port side to.

041 **Unberthing** LOA: Max 220m
Draft: Max 13m (min 10% UKC)
Time: 24 hrs

Tugs: 2
Remarks:

050 **Berthing** LOA: Max 250m
Draft: Max 14m (min 10% UKC)
Time: D&N HW-1 to HW+1 & D&N LW
 to LW+1
Tugs: 4 incl 1 GI escort.
 If D<13m 3 incl 1 GI escort.
Remarks: 2 pilots. Port side to.

051 **Unberthing** LOA: Max 250m
Draft: Max 14m (min 10% UKC)
Time: 24 hrs

Tugs: 2

Remarks:

060 **Berthing** LOA: Max 274m
Draft: Max 14.63m (min 10% UKC)
Time: D&N HW to HW+1
 (Jun to Sept: HW-0.5)
Tugs: 4 incl 1 GI escort
Remarks: 2 pilots. Port side to.

061 **Unberthing** LOA: Max 274m
Draft: Max 14.63m (min 10% UKC)
Time: 24 hrs

Tugs: 3

Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : EMTY-E4

ExxonMobil T/Y east terminal berth 4

010 Berthing LOA: Max 107m
Draft: Max 5.5m (min 10% UKC)
Time: Day light
Tugs: 2 (Grade II)
Remarks: Port side to

011 **Unberthing** LOA: Max 107m
Draft: Max 5.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (Grade II)
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

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

010 **Berthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

011 **Unberthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: D&N HW-1 to HW+2 & D&N LW-2
 to LW+1
Tugs: 2
Remarks: Port side to

021 **Unberthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW to
 LW+1
Tugs: 2. If D>10m 1 GI escort.
Remarks: Port side to.

031 **Unberthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

040 **Berthing** LOA: Max 220m
Draft: Max 13m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW to
 LW+1
Tugs: 3 incl 1 GI escort
Remarks: Day 1 pilot, Night 2 pilots.
 Berthing at LW to LW+1: 2 pilots.
 Port side to.

041 **Unberthing** LOA: Max 220m
Draft: Max 13m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

050 **Berthing** LOA: Max 250m
Draft: Max 14.6m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW to
 LW+1
Tugs: 4 incl 1 GI escort.
 If D<13m 3 incl 1 GI escort.
Remarks: 2 pilots.
 Port side to.

051 **Unberthing** LOA: Max 250m
Draft: Max 14.6m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **EMTY-W2**

ExxonMobil T/Y west terminal berth 2

010 **Berthing** LOA: Max 107m
Draft: Max 7.5m (min 10% UKC)
Time: Day light
Tugs: 2 (grade II) or 2 short (grade I)
Remarks: Port side to

011 **Unberthing** LOA: Max 107m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II) or 2 short (grade I)
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **EURO-1****Euro-Asia berth 1**

010 **Berthing** LOA: Max 150m
Draft: Max 7.3m (min 10% UKC)
Time: D&N LW+1 to HW+2
Tugs: 2
Remarks: Starboard side to

011 **Unberthing** LOA: Max 150m
Draft: Max 7.3m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Starboard side to

020 **Berthing** LOA: Max 165m
Draft: Max 7.3m or 9.0m with pontoon
 (min 10% UKC)
Time: D&N LW+1 to HW+2
Tugs: 2
Remarks: Starboard side to

021 **Unberthing** LOA: Max 165m
Draft: Max 7.3m or 9.0m with pontoon
 (min 10% UKC)
Time: D&N LW-2 to HW+2
Tugs: 2
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
Draft: Max 8m (min 10% UKC)
Time: D&N LW+1 to HW+2
Tugs: 2
Remarks: (1) Starboard side to
(2) See General Remarks 1-4

011 **Unberthing** LOA: Max 150m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: (1) Starboard side to
(2) See General Remarks 1-4

020 **Berthing** LOA: Max 165m
Draft: Max 8m or 9.5m with pontoon (min
10% UKC)
Time: D&N LW+1 to HW+2
Tugs: 2
Remarks: (1) Starboard side to
(2) See General Remarks 2-4

021 **Unberthing** LOA: Max 165m
Draft: Max 8m or 9.5m with pontoon
(min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: (1) Starboard side to
(2) See General Remarks 2-4

030 **Berthing** LOA: Max 200m
Draft: Max 8m or 9.5m with pontoon (min
10% UKC)
Time: D&N LW+1 to LW+2 & HW to
HW+1
Tugs: 3
Remarks: (1) Starboard side to
(2) See General Remarks 2-4

031 **Unberthing** LOA: Max 200m
Draft: Max 8m or 9.5m with pontoon
(min 10% UKC)
Time: D&N LW to LW+2 & HW to HW+1
Tugs: 2
Remarks: (1) Starboard side to
(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.

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

010 **Berthing** LOA: Max 150m
Draft: Max 8.6m with pontoon
 (min 10% UKC)
Time: D&N LW+1 to HW+2
Tugs: 2
Remarks:

011 **Unberthing** LOA: Max 150m
Draft: Max 8.6m with pontoon
 (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 165m
Draft: Max 8.6m with pontoon
 (min 10% UKC)
Time: D&N LW+1 to HW+2
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 165m
Draft: Max 8.6m with pontoon
 (min 10% UKC)
Time: 24 hrs
Tugs: 2
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
Draft: Max 10.0m (min 15% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Starboard side to.

011 **Unberthing** LOA: Max 172m
Draft: Max 10.0m (min 15% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 198m
Draft: Max 11.5m (min 15% UKC)
Time: HW-1.5 to LW+1.5.
 Outerfoul:HW-1.5 to HW+1.
Tugs: 3 incl 2 escort
Remarks: Starboard side to.
 Day 1 pilot, Night 2 pilots.

021 **Unberthing** LOA: Max 198m
Draft: Max 11.5m (min 15% UKC)
Time: 24 hrs
Tugs: 2. If D>9m, 3.
Remarks: Night D>8.5m 2 pilots

030 **Berthing** LOA: Max 250m
Draft: Max 14.6m (min 15% UKC)
Time: HW-1.5 to LW+1.
 Outerfoul:HW-1.5 to HW+1.
Tugs: 4 incl 2 escort
Remarks: Starboard side to.
 Day 1 pilot, Night 2 pilots.

031 **Unberthing** LOA: Max 250m
Draft: Max 14.6m (min 15% UKC)
Time: 24 hrs
Tugs: 3. If D>10m, 4.
Remarks: Day 1 pilot, Night 2 pilots.

040 **Berthing** LOA: Max 262m
Draft: Max 14.6m (min 15% UKC)
Time: Day HW-1 to HW+1 & LW-1 to
 LW+1.
 Outerfoul: Day HW-0.5 to HW+0.5.
Tugs: 4 incl 2 escort
Remarks: 2 pilots. Starboard side to.
 Not exceeding 100,000 DWT.

041 **Unberthing** LOA: Max 262m
Draft: Max 14.6m (min 15% UKC)
Time: 24 hrs
Tugs: 3. If D>10m, 4.
Remarks: 2 pilots

General Remark:

Thrusters are not considered as substitute for tug.

Location : **HKELECT(S)****Lamma power station south wharf***(Declared Depth of Channel & Berth 15.5m)*

010 **Berthing** LOA: Max 172m
Draft: Max 10.0m (min 15% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Starboard side to

011 **Unberthing** LOA: Max 172m
Draft: Max 10.0m (min 15% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 198m
Draft: Max 11.5m (min 15% UKC)
Time: HW-1.5 to LW+1.5
Tugs: 3 incl 2 escort
Remarks: Starboard side to.
Day 1 pilot, Night 2 pilots.

021 **Unberthing** LOA: Max 198m
Draft: Max 11.5m (min 15% UKC)
Time: 24 hrs
Tugs: 2. If D>9m, 3.
Remarks: Night D>8.5m 2 pilots

030 **Berthing** LOA: Max 250m
Draft: Max 14.6m (min 15% UKC)
Time: HW-1.5 to LW+1
Tugs: 4 incl 2 escort
Remarks: Starboard side to.
Day 1 pilot, Night 2 pilots.

031 **Unberthing** LOA: Max 250m
Draft: Max 14.6m (min 15% UKC)
Time: 24 hrs
Tugs: 3. If D>10m 4.
Remarks: Day 1 pilot, Night 2 pilots.

040 **Berthing** LOA: Max 262m
Draft: Max 14.6m (min 15% UKC)
Time: Day HW-1 to HW+1 & LW-1 to
LW+1
Tugs: 4 incl 2 escort
Remarks: 2 pilots. Starboard side to.
Not exceeding 100,000 DWT.

041 **Unberthing** LOA: Max 262m
Draft: Max 14.6m (min 15% UKC)
Time: 24 hrs
Tugs: 3. If D>10m, 4.
Remarks: 2 pilots

General Remark:

Thrusters are not considered as substitute for tug.

ON TRIAL (for 12 months)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+1		Time:	Day	
Tugs:	4		Tugs:	4	
Remarks:	2 pilots Starboard side to.		Remarks:	1 pilot	

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 5,000 HP and 2 x 6,500 HP.

ON TRIAL (for 12 months)

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+1		Time:	Day	
Tugs:	4		Tugs:	4	
Remarks:	2 pilots Port side to.		Remarks:	1 pilot	

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 5,000 HP and 2 x 6,500 HP.

Location : **JBDGA**

Junk Bay DG anchorage

010 **To anchorage** LOA: Max 183m
Draft: Max 11m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

011 **From anchorage** LOA: Max 183m
Draft: Max 11m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

Location : **KC1****Kwai Chung berth 1***(Declared Depth at berth 14.0m)*

010 **Berthing** LOA: Max 130m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather.

011 **Unberthing** LOA: Max 130m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather.

020 **Berthing** LOA: Max 230m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 340m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 340m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
 1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 360m
Draft: Max 14.0m + tide – 10% UKC
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: Starboard side to
 GT >130000, LOA: Max 370m refers.

051 **Unberthing** LOA: Max 360m
Draft: Max 14.0m + 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.

060 **Berthing** LOA: Max 370m
Draft: Max 14.0m + tide – 10% UKC
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: Starboard side to

061 **Unberthing** LOA: Max 370m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 3, 2 if bow & stern thrusters fitted.
Remarks:

General Remark:

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

Location : **KC2****Kwai Chung berth 2***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather.

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather.

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 360m
Draft: Max 15.5m + tide – 10% UKC
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.

051 **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.

060 **Berthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
D>14.0m, D&N LW+1 to LW+3 & HW-2 to HW+2
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:

061 **Unberthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
D>14.0m, D&N LW+1 to HW+2 if Starboard side to
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
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 ≥ 5000 HP.
4. LOA>350m & D>14.0m, at least two tugs ≥ 5000 HP.

Location : **KC3****Kwai Chung berth 3***(Declared Depth at berth 14.0m)*

010 **Berthing** LOA: Max 130m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 340m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 340m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
 1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 360m
Draft: Max 14.0m + tide – 10% UKC
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.

051 **Unberthing** LOA: Max 360m
Draft: Max 14.0m + 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.

060 **Berthing** LOA: Max 370m
Draft: Max 14.0m + tide – 10% UKC
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:

061 **Unberthing** LOA: Max 370m
Draft: Max 14.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2. 1 if bow & stern thrusters fitted.
 D>13.0m or Starboard side to, 3, 2 if bow & stern thrusters fitted.
Remarks:

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 : **KC4****Kwai Chung berth 4***(Declared Depth at berth 14.2m)*

010 **Berthing** LOA: Max 130m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather.

020 **Berthing** LOA: Max 230m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 340m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 340m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2.
 1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 360m
Draft: Max 14.2m + tide – 10% UKC
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.

051 **Unberthing** LOA: Max 360m
Draft: Max 14.2m + 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.

060 **Berthing** LOA: Max 370m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 & HW-2 to HW+2
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:

061 **Unberthing** LOA: Max 370m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to HW+2 if Starboard side to
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
Remarks:

General Remark:

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

Location : **KC5****Kwai Chung berth 5***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.

Remarks:**Remarks:**

040 **Berthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.

041 **Unberthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 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
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.

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

060 **Berthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-2 to HW+2
Tugs: 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
 bow thruster.

061 **Unberthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N HW-1 to LW+2
Tugs: 3, 2 if bow & stern thrusters fitted.
 D>14.0m, 4

Remarks:**Remarks:**

Location : **KC5****Kwai Chung berth 5***(Declared Depth at berth 15.5m)*

070 **Berthing** LOA: Max 400m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-2 to HW+2
Tugs: 4 incl 1 GI escort if no bow thruster.
Remarks: All quay cranes at KC1 with distance
 less than 150m from KC5 quayside
 must be boom up. 210m southward
 from KC1 corner is not occupied.
 Port side to.

071 **Unberthing** LOA: Max 400m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N HW-1 to LW+2
Tugs: 4
Remarks: All quay cranes at KC1 with
 distance less than 150m from KC5
 quayside must be boom up. 210m
 southward from KC1 corner is not
 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.

Location : **KC6****Kwai Chung berth 6***(Declared Depth at berth 14.2m)*

010 **Berthing** LOA: Max 130m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

031 **Unberthing** LOA: Max 270m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 300m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs,
 thrusters not considered
 GT >90000, LOA: Max 340m refers.

041 **Unberthing** LOA: Max 300m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks: GT >90000, LOA: Max 340m refers.

050 **Berthing** LOA: Max 340m
Draft: Max 14.2m + tide – 10% UKC
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.
 2 if bow & stern thrusters fitted.
Remarks: Port side to

051 **Unberthing** LOA: Max 340m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
 D>12.5m, 3, 2 if bow & stern
 thrusters fitted.
Remarks:

060 **Berthing** LOA: Max 350m
Draft: Max 14.2m + tide – 10% UKC
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.
 2 if bow & stern thrusters fitted.
 D>12.5m, 4 incl 1 GI escort if no
 bow thruster.
Remarks: Port side to

061 **Unberthing** LOA: Max 350m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 3, 2 if bow & stern thrusters fitted.
Remarks:

General Remark:

1. Please see Chapters 2, 3 & 4 on general requirements for Kwai Chung Terminals.
2. 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
Draft: Max 10.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered if stern in

011 Unberthing LOA: Max 200m
Draft: Max 10.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

020 Berthing LOA: Max 250m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered

021 Unberthing LOA: Max 250m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered

030 Berthing LOA: Max 290m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 3
Remarks: No stern in.
Full length of opposite berth must be clear and quay cranes must be boom up.

031 Unberthing LOA: Max 290m
Draft: Max 14.2m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered

General Remark:

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

Location : **KC7****Kwai Chung berth 7***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs, thrusters not considered
GT >90000, LOA: Max 340m refers

041 **Unberthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks: GT >90000, LOA: Max 340m refers

050 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
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.
2 if bow & stern thrusters fitted.
D>12.5m. 4 incl 1 GI escort if no bow thruster
Remarks: Starboard side to

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
D>12.5m, 3, 2 if bow & stern thrusters fitted.
Remarks:

060 **Berthing** LOA: Max 350m
Draft: Max 15.5m + tide – 10% UKC
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.
2 if bow & stern thrusters fitted.
D>12.5m, 4 incl 1 GI escort if no bow thruster.
Remarks: Starboard side to

061 **Unberthing** LOA: Max 350m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3, 2 if bow & stern thrusters fitted.
Remarks:

General Remark:

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

Location : **KC7/O-F****Kwai Chung berth 7 outer-foul***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 200m
Draft: Max 10.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered if stern in

011 **Unberthing** LOA: Max 200m
Draft: Max 10.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 250m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered

021 **Unberthing** LOA: Max 250m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered

030 **Berthing** LOA: Max 290m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3
Remarks: No stern in.
Full length of opposite berth must be clear and quay cranes must be boom up.

031 **Unberthing** LOA: Max 290m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Thrusters not considered

General Remark:

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

ON TRIAL

Location : **KC8-9****Kwai Chung berth 8-9***(Declared Depth at berth 16.0m)*

010 **Berthing** LOA: Max 130m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 340m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 340m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 360m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
D>14.0m, D&N LW+1 to LW+3 & HW-2 to HW+2
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.

051 **Unberthing** LOA: Max 360m
Draft: Max 16.0m + 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.

060 **Berthing** LOA: Max 370m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
D>14.0m, D&N LW+1 to LW+3 & HW-2 to HW+2
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:

061 **Unberthing** LOA: Max 370m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
D>14.0m, D&N LW+1 to HW+2
Tugs: 3, 2 if bow & stern thrusters fitted.
Remarks:

070 **Berthing** LOA: Max 400m
Draft: Max 16.0m + tide – 10% UKC
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.
Remarks:

071 **Unberthing** LOA: Max 400m
Draft: Max 16.0m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to HW+2
Tugs: 4
Remarks:

General Remark:

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

Location : **KC10C,10E****Kwai Chung berth 10C & 10E***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs
 GT >90000, LOA: Max 340m refers.

041 **Unberthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks: GT >90000, LOA: Max 340m refers.

050 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
 D>12.5m, 3, 1 if bow & stern thrusters fitted.

Remarks: Port 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.

Location : **KC10W****Kwai Chung berth 10W***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs
GT >90000, LOA: Max 340m refers.

041 **Unberthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks: GT >90000, LOA: Max 340m refers.

050 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
D>12.5m, 3, 1 if bow & stern thrusters fitted.
Remarks:

060 **Berthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
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.
2 if bow & stern thrusters fitted.
D>12.5m, 4 incl 1 GI escort if no bow thruster.
Remarks: Port side to

061 **Unberthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
D>14.0m, D&N LW+1 to HW+2
Tugs: 3, 2 if bow & stern thrusters fitted.
D>14.0m, 4
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 ≥5000HP.
4. LOA>350m & D>14.0m, at least two tugs ≥5000HP.

Location : **KC 11****Kwai Chung berth 11***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1. 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs.
 GT >90000, LOA: Max 340m refers.

041 **Unberthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks: GT >90000, LOA: Max 340m refers.

050 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
 D>12.5m, 3, 1 if bow & stern thrusters fitted.

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.

Location : **KC12****Kwai Chung berth 12***(Declared Depth at berth 15.5m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather.

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather.

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs.
GT >90000, LOA: Max 340m refers.

041 **Unberthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hr
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks: GT >90000, LOA: Max 340m refers.

050 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
1 if bow & stern thrusters fitted.
Remarks: Starboard side to

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
D>12.5m, 3, 1 if bow & stern thrusters fitted.
Remarks:

060 **Berthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
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.
2 if bow & stern thrusters fitted.
D>12.5m, 4 incl 1 GI escort if no bow thruster.
Remarks: Starboard side to

061 **Unberthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
D>14.0m, D&N LW+1 to HW+2
Tugs: 3, 2 if bow & stern thrusters fitted.
D>14.0m, 4
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 ≥ 5000 HP.
4. LOA>350m & D>14.0m, at least two tugs ≥ 5000 HP.
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
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks: Ro-Ro vessel 2 tugs if adverse weather

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs
 GT >90000, LOA: Max 340m refers.

041 **Unberthing** LOA: Max 300m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks: GT >90000, LOA: Max 340m refers.

050 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Stern in 3 tugs

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
 D>12.5m, 3, 1 if bow & stern thrusters fitted.
Remarks:

*Location : KC13-14**Kwai Chung berth 13-14**(Declared Depth at berth 15.5m)*

060 **Berthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>12.5m, D&N LW+1 to HW+2.
Tugs: 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
 bow thruster.

Remarks: Starboard side to

061 **Unberthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to HW+2
Tugs: 3, 2 if bow & stern thrusters fitted.
 D>14.0m, 4

Remarks:

070 **Berthing** LOA: Max 400m
Draft: Max 15.5m + tide – 10% UKC
Time: D&N LW+1 to HW+2.
Tugs: 4 incl 1 GI escort if no bow thruster.
Remarks: Starboard side to

071 **Unberthing** LOA: Max 400m
Draft: Max 15.5m + tide – 10% UKC
Time: D&N LW+1 to HW+2
Tugs: 4
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 ≥ 5000 HP.
4. LOA>350m & D>14.0m, at least two tugs ≥ 5000 HP.
5. LOA>370m & D>14.0m, at least one tug ≥ 6000 HP & one tug ≥ 5000 HP.
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
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks:

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks:

020 **Berthing** LOA: Max 183m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Port side to if LOA>200m

021 **Unberthing** LOA: Max 183m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: Port side to

031 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

040 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Port side to

041 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks: Port side to.

051 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

060 **Berthing** LOA: Max 360m
Draft: Max 15.5m + tide – 10% UKC
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: Port side to
 GT >130000, LOA: Max 370m
 refers.

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.

070 **Berthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+2
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.

071 **Unberthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+2
Tugs: 3, 2 if bow & stern thrusters fitted.
 D>13.0m, 3, 2 if bow & stern
 thrusters fitted.
 D>14.0m, 4

Remarks: Port side to

Remarks:

General Remarks:

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

Location: **KC16****Kwai Chung berth 16***(Declared Depth at berth 15.5 m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks:

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks:

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hr.
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 340m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 360m
Draft: Max 15.5m + tide – 10% UKC
Time: 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.
Remarks: GT >130000, LOA: Max 370m
 refers.

051 **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.
 D>14.0m, 4
Remarks: GT >130000, LOA: Max 370m
 refers.

060 **Berthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 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.
Remarks:

061 **Unberthing** LOA: Max 370m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+1
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:

070 **Berthing** LOA: Max 400m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+1
Tugs: 4 incl 1 GI escort if no bow thruster.
Remarks:

071 **Unberthing** LOA: Max 400m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+1
Tugs: 4
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.

ON TRIAL

Location: **KC 17-19****Kwai Chung berth 17-19***(Declared Depth at berth 16.5 m)*

010 **Berthing** LOA: Max 130m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if D>8m.
Remarks:

011 **Unberthing** LOA: Max 130m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, 2 if no anchor down.
Remarks:

020 **Berthing** LOA: Max 230m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hr.
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 340m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 340m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

050 **Berthing** LOA: Max 360m
Draft: Max 16.5m + tide – 10% UKC
Time: 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.
Remarks: GT >130000, LOA: Max 370m
 refers.

051 **Unberthing** LOA: Max 360m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
 D>13.0m, 3, 2 if bow & stern
 thrusters fitted.
 D>14.0m, 4
Remarks: GT >130000, LOA: Max 370m
 refers.

060 **Berthing** LOA: Max 370m
Draft: Max 16.5m + tide – 10% UKC
Time: 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.
Remarks:

061 **Unberthing** LOA: Max 370m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+1
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:

070 **Berthing** LOA: Max 400m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+1
Tugs: 4 incl 1 GI escort if no bow thruster.
Remarks:

071 **Unberthing** LOA: Max 400m
Draft: Max 16.5m + tide – 10% UKC
Time: 24 hrs
 D>14.0m, D&N LW+1 to LW+3 &
 HW-1 to HW+1
Tugs: 4
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: **KC20****Kwai Chung berth 20***(Declared Depth at Berth 15.5 m)*

010 **Berthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, if D>8m 2
Remarks:

011 **Unberthing** LOA: Max 130m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 1, if no anchor down 2
Remarks:

020 **Berthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks: .

021 **Unberthing** LOA: Max 230m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
Remarks:

040 **Berthing** LOA: Max 310m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 3 incl 1 GI escort if no bow thruster.
 1 if bow & stern thrusters fitted.
Remarks:

041 **Unberthing** LOA: Max 310m
Draft: Max 15.5m + tide – 10% UKC
Time: 24 hrs
Tugs: 2, 1 if bow & stern thrusters fitted.
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.

Location : **KEL-1****Kellett Anchorage No.1**

010 **To anchorage** LOA: Max 300m
Draft: Max 11.0m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m or LOA > 230m
Remarks:

011 **From anchorage** LOA: Max 300m
Draft: Max 11.0m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m or LOA > 230m
Remarks:

Location : **KEL-2**

Kellett Anchorage No.2

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

Draft: Max 6.5m (min 10% UKC)

Time: 24 hrs

Tugs:

Remarks:

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

Draft: Max 6.5m (min 10% UKC)

Time: 24 hrs

Tugs:

Remarks:

Location : **KEL-3**

Kellett Anchorage No.3

010 **To anchorage** LOA: Max 180m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **From anchorage** LOA: Max 180m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

ON TRIALLocation : **KTCT-1 Kai Tak Cruise Terminal Berth 1***(Declared Depth: 12.0m at Turning Basin / 13.0m at Berth)*

010 **Berthing** LOA: Max 130m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: .

011 **Unberthing** LOA: Max 130m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 230m
Draft: Max 11m (min 10% UKC)
Time: 24 hrs
Tugs: 2. If D>10m incl 1 TCS4 escort
Remarks:

021 **Unberthing** LOA: Max 230m
Draft: Max 11m (min 10% UKC)
Time: 24 hrs
Tugs: 2. If D>10m incl 1 escort
Remarks:

030 **Berthing** LOA: Max 270m
Draft: Max 11m (min 10% UKC)
Time: Starboard side to: D&N HW to LW.
 Port side to: D&N LW to HW.
Tugs: 3 incl 1 TCS4 escort
Remarks:

031 **Unberthing** LOA: Max 270m
Draft: Max 11m (min 10% UKC)
Time: 24 hrs
Tugs: 2 incl 1 escort
Remarks:

040 **Berthing** LOA: Max 365m
Draft: Max 11m (min 10% UKC)
Time: Starboard side to: D&N HW to LW.
 Port side to: D&N LW to HW.
Tugs: 3 incl 1 TCS4 escort
Remarks: 2 pilots

041 **Unberthing** LOA: Max 365m
Draft: Max 11m (min 10% UKC)
Time: 24 hrs
Tugs: 2 incl 1 escort
Remarks: 2 pilots

General Remarks:

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.

ON TRIALLocation : **KTCT-2 Kai Tak Cruise Terminal Berth 2***(Declared Depth: 12.0m at Turning Basin / 13.0m at Berth)*

<p>010 Berthing LOA: Max 130m Draft: Max 8m (min 10% UKC) Time: 24 hrs Tugs: 2 Remarks:</p>	<p>011 Unberthing LOA: Max 130m Draft: Max 8m (min 10% UKC) Time: 24 hrs Tugs: 2 Remarks:</p>
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<p>020 Berthing LOA: Max 230m Draft: Max 11m (min 10% UKC) Time: 24 hr. Tugs: 2. If D>10m incl 1 TCS4 escort Remarks:</p>	<p>021 Unberthing LOA: Max 230m Draft: Max 11m (min 10% UKC) Time: 24 hrs Tugs: 2. If D>10m incl 1 escort Remarks:</p>
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<p>030 Berthing LOA: Max 270m Draft: Max 11m (min 10% UKC) Time: Starboard side to: D&N HW to LW. Port side to: D&N LW to HW. Tugs: 3 incl 1 TCS4 escort Remarks:</p>	<p>031 Unberthing LOA: Max 270m Draft: Max 11m (min 10% UKC) Time: 24 hrs Tugs: 2 incl 1 escort Remarks:</p>
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<p>040 Berthing LOA: Max 365m Draft: Max 11m (min 10% UKC) Time: Starboard side to: D&N HW to LW. Port side to: D&N LW to HW. Tugs: 3 incl 1 TCS4 escort Remarks: 2 pilots</p>	<p>041 Unberthing LOA: Max 365m Draft: Max 11m (min 10% UKC) Time: 24 hrs Tugs: 2 incl 1 escort Remarks: 2 pilots</p>
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General Remarks:

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.

ON TRIALLocation : **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. Port side to: D&N LW to HW.		Time:	24 hrs	
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	

General Remarks:

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
Draft: Max 7m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **From anchorage** LOA: Max 120m
Draft: Max 7m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

Location : **LOP**

Lok On Pai oil berth

010 **Berthing** LOA: Max 122m
Draft: Max 8m (min 15% UKC)
Time: Day
Tugs: 2
Remarks:

011 **Unberthing** LOA: Max 122m
Draft: Max 8m (min 15% UKC)
Time: Day
Tugs: 2
Remarks:

Location : **MFT**

Macau ferry terminal

010 **Berthing** LOA: Max 120m
Draft: Max 5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

011 **Unberthing** LOA: Max 120m
Draft: Max 5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

Location : MWA

Ma Wan anchorage

010 **To anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

011 **From anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

020 **To anchorage** LOA: Max 320m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

021 **From anchorage** LOA: Max 320m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

Location : NLA

North Lamma anchorage

010 **To anchorage** LOA: Max 230m
Draft: Max 12.9m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

011 **From anchorage** LOA: Max 230m
Draft: Max 12.9m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

020 **To anchorage** LOA: Max 350m
Draft: Max 12.9m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

021 **From anchorage** LOA: Max 350m
Draft: Max 12.9m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

Location : **NWLA****North West Lamma anchorage**

010 **To anchorage** LOA: Max 230m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **From anchorage** LOA: Max 230m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

020 **To anchorage** LOA: Max 300m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

021 **From anchorage** LOA: Max 300m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

Location : OTN

Ocean Terminal north berth

010 **Berthing** LOA: Max 80m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

011 **Unberthing** LOA: Max 80m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

020 **Berthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 230m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Starboard side to

031 **Unberthing** LOA: Max 230m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

040 **Berthing** LOA: Max 270m
Draft: Max 8.5m (min 10% UKC)
Time: D&N LW-1 to HW-1
Tugs: 3 incl 1 GI escort
Remarks: Starboard side to

041 **Unberthing** LOA: Max 270m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 incl 1 escort
Remarks:

Location : OTN/O-F

Ocean Terminal north berth outer-foul

010 **Berthing** LOA: Max 175m
Draft: Max 7.2m (min 10% UKC)
Time: D&N LW-1 to HW+1
Tugs: 2
Remarks: Starboard side to

011 **Unberthing** LOA: Max 175m
Draft: Max 7.2m (min 10% UKC)
Time: D&N LW-1 to HW+1
Tugs: 2
Remarks:

Location : OTS

Ocean Terminal south berth

010 **Berthing** LOA: Max 80m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

011 **Unberthing** LOA: Max 80m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

020 **Berthing** LOA: Max 130m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

021 **Unberthing** LOA: Max 130m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 230m
Draft: Max 10.67m (min 10% UKC)
Time: 24 hrs
Tugs: 2. If D>10m incl 1 GI escort
Remarks:

031 **Unberthing** LOA: Max 230m
Draft: Max 10.67m (min 10% UKC)
Time: 24 hrs
Tugs: 2. If D>10m incl 1 escort
Remarks:

040 **Berthing** LOA: Max 270m
Draft: Max 10.67m (min 10% UKC)
Time: D&N HW-2 to LW+2
Tugs: 3 incl 1 GI escort
Remarks: Port side to.
 Max Fwd = 9.45m Aft =10.67m.

041 **Unberthing** LOA: Max 270m
Draft: Max 10.67m (min 10% UKC)
Time: 24 hrs
Tugs: 2 incl 1 escort
Remarks: Max Fwd = 9.45m Aft =10.67m.

050 **Berthing** LOA: Max 290m
Draft: Max 10.67m (min 10% UKC)
Time: D&N HW-2 to LW+1
Tugs: 3 incl 1 GI escort
Remarks: 2 pilots. Port side to.
 Max Fwd = 9.45m Aft =10.67m.

051 **Unberthing** LOA: Max 290m
Draft: Max 10.67m (min 10% UKC)
Time: D&N HW-2 to LW+2
Tugs: 2 incl 1 escort
Remarks: 2 pilots.
 Max Fwd = 9.45m Aft =10.67m.

Location : **OTS/O-F**

Ocean Terminal south berth outer-foul

010 **Berthing** LOA: Max 175m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

011 **Unberthing** LOA: Max 175m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

ON TRIAL

Location : PAFF-E

Permanent Aviation Fuel Facility East Berth

010 **Berthing** LOA: Max 120m
Draft: Max 7m (min 15% UKC)
Time: D&N @ berth.
 LW+1 to HW+2 @ Mawan.
Tugs: 2
Remarks: Stem to tide for berthing

011 **Unberthing** LOA: Max 120m
Draft: Max 7m (min 15% UKC)
Time: 24 hrs
Tugs: 2.
Remarks:

020 **Berthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth.
 HW-1 to HW+2 & LW-1 to LW+ 3
 @ Mawan.
Tugs: 2
Remarks: Stem to tide for berthing

021 **Unberthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 186m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 Day light HW to HW+2 & Day light
 LW-1 to LW+2 @ Mawan.
Tugs: 2. 1 escort @ Mawan to berth if
 D>10m or LOA>183m.
Remarks: 2 pilots.
 Stem to tide for berthing.

031 **Unberthing** LOA: Max 186m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window.
Tugs: 2. 1 escort to Mawan if D>10m or
 LOA >183m.
Remarks: 2 pilots

040 **Berthing** LOA: Max 230m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Day light HW to HW+2 @ Mawan.
Tugs: 3 incl 1 escort from G.I. + 1 escort @
 Mawan to berth
Remarks: 2 pilots.
 Starboard side to.

041 **Unberthing** LOA: Max 230m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window.
Tugs: 2 incl 1 escort to Mawan
Remarks: 2 pilots

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
Draft: Max 7m (min 15% UKC)
Time: D&N @ berth.
 LW+1 to HW+2 @ Mawan.
Tugs: 2
Remarks: Stem to tide for berthing

011 **Unberthing** LOA: Max 120m
Draft: Max 7m (min 15% UKC)
Time: 24 hrs
Tugs: 2.
Remarks:

020 **Berthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth.
 HW-1 to HW+2 & LW-1 to LW+ 3
 @ Mawan.
Tugs: 2
Remarks: Stem to tide for berthing

021 **Unberthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 186m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 Day light HW to HW+2 & Day light
 LW-1 to LW+2 @ Mawan.
Tugs: 2. 1 escort @ Mawan to berth if
 D>10m or LOA>183m.
Remarks: 2 pilots.
 Stem to tide for berthing.

031 **Unberthing** LOA: Max 186m
Draft: Max 12m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window.
Tugs: 2. 1 escort to Mawan if D>10m or
 LOA >183m.
Remarks: 2 pilots

040 **Berthing** LOA: Max 195m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Day light HW to HW+2 @ Mawan.
Tugs: 3 incl 1 escort from G.I. + 1 escort @
 Mawan to berth
Remarks: 2 pilots.
 Starboard side to.

041 **Unberthing** LOA: Max 195m
Draft: Max 15m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window.
Tugs: 2 incl 1 escort to Mawan
Remarks: 2 pilots

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**

010 **To anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks: Reserved naval anchorage

011 **From anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks: Reserved naval anchorage

020 **To anchorage** LOA: Max 320m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks: Reserved naval anchorage

021 **From anchorage** LOA: Max 320m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks: Reserved naval anchorage

Location : **PSSA-W****Pun Shan Shek anchorage west**

010 **To anchorage** LOA: Max 195m
Draft: Max 11m (min 10% UKC)
Time: If D>8.2m or L>138m day only
Tugs: 1 if D>8.2m or L>138m
Remarks: Reserved naval anchorage

011 **From anchorage** LOA: Max 195m
Draft: Max 11m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>8.2m or L>138m
Remarks: Reserved naval anchorage

Location : **RDGA****Reserved dangerous goods anchorage**

010 **To anchorage** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **From anchorage** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

020 **To anchorage** LOA: Max 195m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

021 **From anchorage** LOA: Max 195m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

Location : **RTT-1**

River Trade Terminal No. 1 berth

010 **Berthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks: Stem to tide when berthing.

011 **Unberthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 175m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Stem to tide when berthing

021 **Unberthing** LOA: Max 175m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

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

010 **Berthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks: Starboard side to only and no outer-foul

011 **Unberthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks: No outer-foul

020 **Berthing** LOA: Max 150m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Starboard side to only and no outer-foul

021 **Unberthing** LOA: Max 150m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: No outer-foul

ON TRIAL

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

010 **Berthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: Port side to only.
 No outer-foul.
 RTT-1 single bank only & RTT-2
 must be vacant.

011 **Unberthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: No outer-foul.
 RTT-1 single bank only & RTT-2
 must be vacant.

020 **Berthing** LOA: Max 150m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: Port side to only.
 No outer-foul.
 RTT-1 single bank only & RTT-2
 must be vacant.

021 **Unberthing** LOA: Max 150m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: No outer-foul.
 RTT-1 single bank only & RTT-2
 must be vacant.

030 **Berthing** LOA: Max 170m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: Port side to only.
 No outer-foul.
 RTT-1 single bank only & RTT-2
 must be vacant.

031 **Unberthing** LOA: Max 170m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: No outer-foul.
 RTT-1 single bank only & RTT-2
 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
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: Starboard side to only.
 No outer-foul.
 RTT-1 single bank only.

011 **Unberthing** LOA: Max 130m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: No outer-foul.
 RTT-1 single bank only.

020 **Berthing** LOA: Max 175m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: Starboard side to only.
 No outer-foul.
 RTT-1 single bank only.

021 **Unberthing** LOA: Max 175m
Draft: Max 8.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & LW-1 to
 LW+2 @ berth
Tugs: 2
Remarks: No outer-foul.
 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.

Location : **SCCA** **South Cheung Chau anchorage**

010 **To anchorage** LOA: Max 400m
Draft: Max 16.0m (min 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **From anchorage** LOA: Max 400m
Draft: Max 16.0m (min 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

General Remarks:

Location : **SEATRIAL Sea trial, compass adjustment and equipment calibration**

010 **Berthing** LOA: Max
Draft: Max (min 10% UKC)
Time: Day light
Tugs:
Remarks:

011 **Unberthing** LOA: Max
Draft: Max (min 10% UKC)
Time: Day light
Tugs:
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
Draft: Max 7m (min 15% UKC)
Time: D&N LW to HW+2 @ berth
Tugs: 2 (grade II)

Remarks: Thrusters not considered

020 **Berthing** LOA: Max 120m
Draft: Max 7m (min 15% UKC)
Time: D&N LW+1 to HW+1 @ berth
Tugs: 2
Remarks: Stem to tide for berthing.
 Thrusters not considered.

030 **Berthing** LOA: Max 120m
Draft: Max 7.5m (min 15% UKC)
Time: Day HW to HW+1 @ berth
Tugs: 2
Remarks: Stem to tide for berthing.
 Thrusters not considered.

011 **Unberthing** LOA: Max 80m
Draft: Max 7m (min 15% UKC)
Time: 24 hrs
Tugs: 2 (grade II), 1 if bow thruster >300
 HP

Remarks:

021 **Unberthing** LOA: Max 120m
Draft: Max 7m (min 15% UKC)
Time: 24 hrs
Tugs: 2, 1 if bow thruster >300 HP

Remarks:

031 **Unberthing** LOA: Max 120m
Draft: Max 7.5m (min 15% UKC)
Time: D&N HW-2 to HW+1 @ berth
Tugs: 2, 1 if bow thruster >300 HP

Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : SHELL

Shell oil terminal main berth

010 **Berthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: D&N HW-1 to HW+2 & D&N LW
to LW+2
Tugs: 2 (grade II)
Remarks: Starboard side to

011 **Unberthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: D&N HW-1 to HW+2 & D&N
LW+1 to LW+2
Tugs: 2
Remarks: Starboard side to

021 **Unberthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW+2
Tugs: 2. If Draft>10m 1 GI escort.
Remarks: Starboard side to

031 **Unberthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

040 **Berthing** LOA: Max 220m
Draft: Max 14.5m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW+2
Tugs: 3 incl 1 GI escort
Remarks: Day 1 pilot, Night 2 pilots.
Berthing at LW+2 : 2 pilots.
Starboard side to.

041 **Unberthing** LOA: Max 220m
Draft: Max 14.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

050 **Berthing** LOA: Max 245m
Draft: Max 14.5m (min 10% UKC)
Time: D&N HW to HW+1 & D&N LW+2
Tugs: 4 incl 1 GI escort.
If Draft<13m 3 incl 1 GI escort.
Remarks: 2 pilots.
Starboard side to.

051 **Unberthing** LOA: Max 245m
Draft: Max 14.5m (min 10% UKC)
Time: D&N HW-1 to HW+2 & D&N LW
to LW+2
Tugs: 2
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **SINO-A****Sinopec T/Y main berth (A)**

010 **Berthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks: Port side to

011 **Unberthing** LOA: Max 120m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Port side to

021 **Unberthing** LOA: Max 150m
Draft: Max 10m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

030 **Berthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: 24 hr
Tugs: 2. If D>10m 1 GI escort.
Remarks: Port side to

031 **Unberthing** LOA: Max 184m
Draft: Max 12m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

040 **Berthing** LOA: Max 220m
Draft: Max 13m (min 10% UKC)
Time: D≤10m 24hr
 D>10m, D&N HW-1 to HW+1 &
 D&N LW to LW+1.
Tugs: 3 incl 1 GI escort
Remarks: Day 1 pilot, Night 2 pilots.
 Berthing at LW to LW+1 : 2 pilots.
 Port side to.

041 **Unberthing** LOA: Max 220m
Draft: Max 13m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

050 **Berthing** LOA: Max 250m
Draft: Max 14m (min 10% UKC)
Time: D&N HW-1 to HW+1 & D&N LW
 to LW+1
Tugs: 4 incl 1 GI escort.
 If D<13m 3 incl 1 GI escort.
Remarks: 2 pilots.
 Port side to.

051 **Unberthing** LOA: Max 250m
Draft: Max 14m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **SINO-B**

Sinopec T/Y west berth (B)

010 **Berthing** LOA: Max 120m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks: Starboard side to

011 **Unberthing** LOA: Max 120m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **SINO-C****Sinopec T/Y east berth (C)**

010 **Berthing** LOA: Max 90m
Draft: Max 6.5m (min 10% UKC)
Time: D&N HW-1.5 to HW+1.5 & D&N
 LW-1 to LW+1.5
Tugs: 2 (grade II)
Remarks: Port side to

011 **Unberthing** LOA: Max 90m
Draft: Max 6.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **SINO- CW**

Sinopec Chai Wan berth

010 **Berthing** LOA: Max 65m
Draft: Max 5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

011 **Unberthing** LOA: Max 65m
Draft: Max 5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **SINO-3**

Sinopec T/Y No. 3 berth

010 **Berthing** LOA: Max 120m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

011 **Unberthing** LOA: Max 120m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

General Remark:

Thrusters are not considered as substitute for tug.

Location : **SLA****Anchorage south of Lamma Island**010 **To anchorage** LOA: Max 400m**Draft:** Max 18.0m (min 15% UKC)**Time:** 24 hrs**Tugs:** 1**Remarks:**011 **From anchorage** LOA: Max 400m**Draft:** Max 18.0m (min 15% UKC)**Time:** 24 hrs**Tugs:** 1**Remarks:****General remarks:**

The tug requirement is not applicable to vessel entering the anchorage directly from seaward without a pilot.

Location: **SSK-1**

Sham Shui Kok Anchorage No.1

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

Draft: Max 8.0m (Min 15% UKC)

Time: 24 hrs

Tugs:

Remarks:

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

Draft: Max 8.0m (Min 15% UKC)

Time: 24 hrs

Tugs:

Remarks:

General Remark:

Tug may be required if unfavorable condition prevailing and pilot deemed necessary.

Location: **SSK-2**

Sham Shui Kok Anchorage No.2

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

Draft: Max 9.0m (Min 15% UKC)

Time: 24 hrs

Tugs:

Remarks:

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

Draft: Max 9.0m (Min 15% UKC)

Time: 24 hrs

Tugs:

Remarks:

General Remark:

Tug may be required if unfavorable condition prevailing and pilot deemed necessary.

Location: **SSK-TD**

Sham Shui Kok Trans-shipment Dock

010 **Berthing** LOA: Max 70m
Draft: Max 5.0m with pontoon
 (Min 15% UKC)
Time: Day @ berth
Tugs: 1 (grade II)
Remarks:

011 **Unberthing** LOA: Max 70m
Draft: Max 5.0m with pontoon
 (Min 15% UKC)
Time: Day @ berth
Tugs: 1 (grade II)
Remarks:

General Remark:

Berth must be with pontoon.

Location : SWSTL

Shiu Wing steel wharf (TSK)

010 **Berthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks: Stem to tide for berthing

011 **Unberthing** LOA: Max 168m
Draft: Max 10m (min 15% UKC)
Time: Day @ berth
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 183m
Draft: Max 10.3m (min 15% UKC)
Time: Day @ berth.
 D>10m Day light HW+1 to HW+3 &
 Day light LW-1 to LW+1.5 @
 Mawan.
Tugs: 2. 1 escort @ Mawan if D>10m.
Remarks: 2 pilots.
 Stem to tide for berthing.

021 **Unberthing** LOA: Max 183m
Draft: Max 10.3m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window. D>10m Day light transit
 only.
Tugs: 2. 1 escort @ Mawan if D>10m.
Remarks: 2 pilots.

030 **Berthing** LOA: Max 200m
Draft: Max 10.3m (min 15% UKC)
Time: Day @ berth.
 Day light HW+1 to HW+3 & Day
 light LW-1 to LW+1.5 @ Mawan.
Tugs: 3 incl 1 @ Mawan escort.
 From URMA: 3 incl 1 escort from
 URMA to berth.
Remarks: 2 pilots.
 Stem to tide for berthing.

031 **Unberthing** LOA: Max 200m
Draft: Max 10.3m (min 15% UKC)
Time: Day @ berth.
 Subject to Mawan transit tidal
 window, Day light transit only
Tugs: 2 incl 1 @ Mawan escort.
 To URMA: 2 incl 1 escort from
 berth to URMA
Remarks: 2 pilots.

General Remark:

Subject to Ma Wan transit tidal window.

Location : **THA****Tolo harbour anchorage**

010 **To anchorage** LOA: Max 150m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks: Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau.

011 **From anchorage** LOA: Max 150m
Draft: Max 8m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks: Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau.

020 **To anchorage** LOA: Max 180m
Draft: Max 11m (min 10% UKC)
Time: Day light
Tugs: If L>168m or D>9.15m 1 escort from Chik Chau
Remarks: Not for dead ship.
Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau.

021 **From anchorage** LOA: Max 180m
Draft: Max 11m (min 10% UKC)
Time: Day light
Tugs: If L>168m or D>9.15m 1 escort to Chik Chau
Remarks: Vessel from Tolo harbour to TSK or 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 **TRANSIT MAWAN;** (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: **RESTRICTED TRANSIT PERIOD** @ Mawan = Current Against >2.5 Knots / With>1.5 Knots.
 - ii. LOA>230m: **RESTRICTED TRANSIT PERIOD** @ Mawan = Current Against >1.5 Knots / With>0.5 Knots.
 - f. LOA ≥198m or Draft ≥ 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
Draft: Max 6m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (Thrusters not considered)
Remarks:

011 **Unberthing** LOA: Max 110m
Draft: Max 6m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (Thrusters not considered)
Remarks:

020 **Berthing** LOA: Max 214m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 3 (Thrusters not considered)

021 **Unberthing** LOA: Max 214m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2. If D>8m, 3.
 (Thrusters not considered)

Remarks: No wedge in KC5E

Remarks:

030 **Berthing** LOA: Max 320m
Draft: Max 13.8m (min 10% UKC)
Time: D&N slack water
Tugs: 4 (Thrusters not considered)
Remarks: 2 pilots.
 Sufficient F&A clearance.
 Subject to any one of the executive
 director's decision.

031 **Unberthing** LOA: Max 320m
Draft: Max 13.8m (min 10% UKC)
Time: D&N slack water
Tugs: 4 (Thrusters not considered)
Remarks: 2 pilots.
 Sufficient F&A clearance.
 Subject to any one of the executive
 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 **Berthing** LOA: Max 122m
Draft: Max 7.5m (min 10% UKC)
Time: See General Remark
Tugs: 2 (grade II)
Remarks: Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau

011 **Unberthing** LOA: Max 122m
Draft: Max 7.5m (min 10% UKC)
Time: See General Remark
Tugs: 2 (grade II)
Remarks: Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau

020 **Berthing** LOA: Max 198m
Draft: Max 11m (min 10% UKC)
Time: See General Remark
Tugs: 2. L>168m or D>9.15m 1 escort from Chik Chau
Remarks: Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau

021 **Unberthing** LOA: Max 198m
Draft: Max 11m (min 10% UKC)
Time: See General Remark
Tugs: 2. L>168m or D>9.15m 1 escort to Chik Chau
Remarks: Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau

030 **Berthing** LOA: Max 228m
Draft: Max 11m (min 10% UKC)
Time: See General Remark
Tugs: 3 incl 2 escort from Chik Cha
Remarks: 2 pilots.
Vessel from Tolo harbour to TSK or vice versa must change pilot at Ngan Chau.

031 **Unberthing** LOA: Max 228m
Draft: Max 11m (min 10% UKC)
Time: See General Remark
Tugs: 3 incl 2 escort to Chik Cha
Remarks: 2 pilots.
Vessel from Tolo harbour to TSK or vice versa must change pilot at 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**Draft:** Max 7.5m (min 15% UKC)**Time:** Day @ berth

Day LW+1 to HW+1 @ berth

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

Bow not to pass 115m sign board.

011 **Unberthing** LOA: Max 120m**Draft:** Max 7.5m (min 15% UKC)**Time:** Day @ berth**Tugs:** 2**Remarks:****General Remarks:**

1. Mooring/Guard boat employed by agents for mooring operations and traffic control.
2. Thrusters are not considered as substitute for tug.

Location : **TYD****Floating docks west of T/Y Island**

010 **Berthing** LOA: Max 183m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 if in tow
Remarks: In tow thrusters not considered

011 **Unberthing** LOA: Max 183m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 2 if in tow
Remarks: In tow thrusters not considered

020 **Berthing** LOA: Max 198m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 3 if in tow
Remarks: In tow thrusters not considered

021 **Unberthing** LOA: Max 198m
Draft: Max 8.5m (min 10% UKC)
Time: 24 hrs
Tugs: 3 if in tow
Remarks: In tow thrusters not considered

030 **Berthing** LOA: Max 265m
Draft: Max 8.5m (min 10% UKC)
Time: Dock master's advice.
 Preferably slack water if in tow.
Tugs: 1 @ GI escort 4 if in tow.
Remarks: In tow 2 pilots.
 In tow thrusters not considered.
 Min draft sufficient propeller immersion.

031 **Unberthing** LOA: Max 265m
Draft: Max 8.5m (min 10% UKC)
Time: Dock master's advice.
 Preferably slack water if in tow.
Tugs: 1 @ POB escort 4 if in tow.
Remarks: In tow 2 pilots.
 In tow thrusters not considered.
 Min draft sufficient propeller immersion.

040 **Berthing** LOA: Max 300m
Draft: Max 8m (min 10% UKC)
Time: Dock master's advice.
 Preferably slack water if in tow.
Tugs: 1 @ GI escort 4 if in tow.
Remarks: 2 pilots if in tow.
 In tow thrusters not considered.
 Min draft sufficient propeller immersion.

041 **Unberthing** LOA: Max 300m
Draft: Max 8m (min 10% UKC)
Time: Dock master's advice.
 Preferably slack water if in tow.
Tugs: 1 @ POB escort 4 if in tow.
Remarks: 2 pilots if in tow.
 In tow thrusters not considered.
 Min draft sufficient propeller immersion.

ON TRIAL

Location : URMPS/URMA

**Transit Mawan – Bulker & Tanker
(All vessels other than passenger & container ship)**

010 **N. bound** LOA: Max 183m
Draft: Max 12m (min 15% UKC)
Time: 24 hrs.
 D>10m, subject to Mawan transit
 tidal window.
Tugs: 1 escort @ Mawan if D>10m.
Remarks:

011 **S. bound** LOA: Max 183m
Draft: Max 12m (min 15% UKC)
Time: 24 hrs.
 D>10m, subject to Mawan transit
 tidal window.
Tugs: 1 escort @ Mawan if D>10m.
Remarks:

020 **N. bound** LOA: Max 198m
Draft: Max 12.5m (min 15% UKC)
Time: Subject to Mawan transit tidal
 window.
Tugs: 1 escort @ Mawan for Mawan
 Transit.
 To URMA: +1 @ URMA if D>10m.

021 **S. bound** LOA: Max 198m
Draft: Max 12.5m (min 15% UKC)
Time: Subject to Mawan transit tidal
 window.
Tugs: 1 escort @ Mawan for Mawan
 Transit.
 From URMA: +1 @ URMA if
 D>10m.

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

030 **N. bound** LOA: Max 230m
Draft: Max 13m (min 15% UKC)
Time: Subject to Mawan transit tidal
 window. D>12.5m day light transit
 only.
Tugs: 1 escort @ Mawan for Mawan
 Transit; for night transit 1 escort from
 Kellett buoy to TSK buoy if D> 9m.
 To URMA: +1 @ URMA if D>10m.

031 **S. bound** LOA: Max 230m
Draft: Max 13m (min 15% UKC)
Time: Subject to Mawan transit tidal
 window. D>12.5m day light transit
 only.
Tugs: 1 escort @ Mawan for Mawan
 Transit; for night transit 1 escort
 from TSK buoy to Kellett buoy if
 D> 9m.
 From URMA: +1 @ URMA if
 D>10m.

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

040 **N. bound** LOA: Max 255m
Draft: Max 15m (min 15% UKC)
Time: Day light.
 Subject to Mawan transit tidal
 window.
Tugs: Tug minimum 3600 HP each.
 1 escort @ Mawan for Mawan
 Transit; from GI if D>10m.
 To URMA: 1 escort for Mawan
 Transit +1 @ URMA; 1 escort from
 GI through to URMA if D>10m.

041 **S. bound** LOA: Max 255m
Draft: Max 15m (min 15% UKC)
Time: Day light.
 Subject to Mawan transit tidal
 window.
Tugs: Tug minimum 3600 HP each.
 1 escort @ Mawan for Mawan
 Transit.
 From URMA: 1 escort Mawan
 Transit; from URMA if D>10m.

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

ON TRIAL

Location : **URMPS/URMA****Transit Mawan – Bulker & Tanker****(All vessels other than passenger & container ship)**

050 **N. bound** LOA: Max 290m
Draft: Max 16.8m (min 15% UKC)
Time: Day light.
 Subject to Mawan transit tidal window.
Tugs: Tug minimum 3600 HP each.
 1 escort from GI for Mawan Transit;
 +1 @ Mawan if D>14m.
 To URMA: 1 escort from GI to URMA; +1 from Mawan to URMA if D>14m.
Remarks: 2 pilots

051 **S. bound** LOA: Max 290m
Draft: Max 16.8m (min 15% UKC)
Time: Day light.
 Subject to Mawan transit tidal window.
Tugs: Tug minimum 3600 HP each.
 1 escort @ Mawan for Mawan Transit; 2 if D>14m.
 From URMA: 1 escort from URMA for Mawan Transit; +1 @ Mawan if D>14m.
Remarks: 2 pilots

060 **N. bound** LOA: Max 305m
Draft: Max 16.8m (min 15% UKC)
Time: Day light.
 Subject to Mawan transit tidal window.
Tugs: Tug minimum 4000hp each.
 1 escort from GI for Mawan Transit;
 +1 @ Mawan if D>14m.
 To URMA: 1 escort from GI to URMA; +1 from Mawan to URMA if D>14m.
Remarks: 2 pilots

061 **S. bound** LOA: Max 305m
Draft: Max 16.8m (min 15% UKC)
Time: Day light.
 Subject to Mawan transit tidal window.
Tugs: Tug minimum 4000hp each.
 1 escort @ Mawan for Mawan Transit; 2 if D>14m.
 From URMA: 1 escort from URMA for Mawan Transit; +1 @ Mawan if D>14m.
Remarks: 2 pilots

General Remarks:

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 lighten 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.
7. During the initial implementation of the trials for LOA Max 305m, provision of one more escort tug during Mawan transit is recommended. --

Location : **URMPS-C/URMA-C** **Transit Mawan – Container ship**

010 **N. bound** LOA: Max 200m
Draft: Max 10.0m (min. 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **S. bound** LOA: Max 200m
Draft: Max 10.0m (min. 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

020 **N. bound** LOA: Max 230m
Draft: Max 12.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

021 **S. bound** LOA: Max 230m
Draft: Max 12.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

030 **N. bound** LOA: Max 250m
Draft: Max 13m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

031 **S. bound** LOA: Max 250m
Draft: Max 13m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

040 **N. bound** LOA: Max 280m
Draft: Max 13.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

041 **S. bound** LOA: Max 280m
Draft: Max 13.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

050 **N. bound** LOA: Max 310m
Draft: Max 14.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters and $D \leq 13.5m$. thrusters not considered if $D > 13.5m$).
Remarks: 2 pilots

051 **S. bound** LOA: Max 310m
Draft: Max 14.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

Location : **URMPS-C/URMA-C****Transit Mawan – Container ship**

060 **N. bound** LOA: Max 353m
Draft: Max 15.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort from Kellett buoy for Mawan Transit.
D>14.5m to 15.5m, 1 from GI & 1 from Kellett buoy escort for Mawan Transit.
Remarks: 2 pilots

061 **S. bound** LOA: Max 353m
Draft: Max 15.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort @ Mawan for Mawan Transit.
D>14.5m to 15.5m, 2 escort @ Mawan for Mawan Transit.
Remarks: 2 pilots

070 **N. bound** LOA: Max 370m
Draft: Max 15.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort from Kellett buoy for Mawan Transit.
D>12.5m to 15.5m, 1 from GI & 1 from Kellett buoy escort for Mawan Transit.
Remarks: 2 pilots

071 **S. bound** LOA: Max 370m
Draft: Max 15.5m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort @ Mawan for Mawan Transit.
D>12.5m to 15.5m, 2 escort @ Mawan for Mawan Transit.
Remarks: 2 pilots

080 **N. bound** LOA: Max 400m
Draft: Max 16.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
D>15.5m to 16.0m, day light.
Tugs: 1 from GI & 1 from Kellett buoy escort for Mawan Transit.
Remarks: 2 pilots

081 **S. bound** LOA: Max 400m
Draft: Max 16.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
D>15.5m to 16.0m, day light.
Tugs: 2 escort @ Mawan for Mawan Transit.
Remarks: 2 pilots

General Remarks:

1. Vessels of LOA >310m are not permitted to anchor within the area between Ma Wan West and URMPS.
2. 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.
3. 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.
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.
5. 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
6. For LOA >370m – 400m, minimum power of each escort tug is 4000HP.
7. Subject to Mawan transit tidal window.

ON TRIAL

Location : **URMPS-PC/URMA-PC Transit Mawan – Passenger Ship
(Conventional)**

010 **N. bound** LOA: Max 200m
Draft: Max 10.0m (min. 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **S. bound** LOA: Max 200m
Draft: Max 10.0m (min. 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

020 **N. bound** LOA: Max 230m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

021 **S. bound** LOA: Max 230m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

030 **N. bound** LOA: Max 270m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

031 **S. bound** LOA: Max 270m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

040 **N. bound** LOA: Max 290m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

041 **S. bound** LOA: Max 290m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

050 **N. bound** LOA: Max 345m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).

051 **S. bound** LOA: Max 345m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).

Remarks: 2 pilots

Remarks: 2 pilots

General Remarks:

1. Passenger ships, other than those defined as highly maneuverable in URMPS-PH/URMA-PH, are classified as conventional passenger ships.
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.

ON TRIAL

Location : **URMPS-PH/URMA-PH Transit Mawan – Passenger Ship(Highly Maneuverable)**

010 **N. bound** LOA: Max 200m
Draft: Max 10.0m (min. 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **S. bound** LOA: Max 200m
Draft: Max 10.0m (min. 15% UKC)
Time: 24 hrs
Tugs:
Remarks:

020 **N. bound** LOA: Max 230m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

021 **S. bound** LOA: Max 230m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

030 **N. bound** LOA: Max 270m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

031 **S. bound** LOA: Max 270m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

040 **N. bound** LOA: Max 290m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

041 **S. bound** LOA: Max 290m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

050 **N. bound** LOA: Max 345m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).

051 **S. bound** LOA: Max 345m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).

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
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **From anchorage** LOA: Max 120m
Draft: Max 7.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

Location : **WA-2****Western anchorage No.2**

010 **To anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

011 **From anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

020 **To anchorage** LOA: Max 350m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

021 **From anchorage** LOA: Max 350m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

Location : **WA-3****Western anchorage No.3**

010 **To anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

011 **From anchorage** LOA: Max 230m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1 if D>10m
Remarks:

020 **To anchorage** LOA: Max 350m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

021 **From anchorage** LOA: Max 350m
Draft: Max 12.6m (min 10% UKC)
Time: 24 hrs
Tugs: 1
Remarks:

Location : **WQA**

Western Quarantine anchorage

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

Draft: Max 10.7m (min 10% UKC)

Time: 24 hrs

Tugs: 1 if D>10m

Remarks: If D>10.7m anchor to WA.
If L>180m anchor to WA.

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

Draft: Max 10.7m (min 10% UKC)

Time: 24 hrs

Tugs: 1 if D>10m

Remarks:

Location : **YMTA**

Yau Ma Tei anchorage

010 **To anchorage** LOA: Max 100m
Draft: Max 5.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

011 **From anchorage** LOA: Max 100m
Draft: Max 5.5m (min 10% UKC)
Time: 24 hrs
Tugs:
Remarks:

Location : YUENFAT

Yuen Fat wharf No.2 berth

010 **Berthing** LOA: Max 70m
Draft: Max 6.7m (min 10% UKC)
Time: Day light
Tugs: 2 (grade II)
Remarks: Port side to

011 **Unberthing** LOA: Max 70m
Draft: Max 6.7m (min 10% UKC)
Time: 24 hrs
Tugs: 2 (grade II)
Remarks:

020 **Berthing** LOA: Max 153m
Draft: Max 6.7m (min 10% UKC)
Time: Day light
Tugs: 2
Remarks: Port side to

021 **Unberthing** LOA: Max 153m
Draft: Max 6.7m (min 10% UKC)
Time: Day any time, night HW only.
Tugs: 2
Remarks: