

## Chapter: 12

## BERTHING GUIDELINES

## \*\* INDEX \*\*

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
KC17-18	Kwai Chung berth 17-18	TOW-BERTH	Ship under tow to/from berth
KC19	Kwai Chung berth 19	TPGAS	Tolo harbour Town Gas wharf
KC20	Kwai Chung berth 20	TSK-MHB	Tap Shek Kok Material Handling Berth
		TYD	Floating docks west of T/Y Island

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

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

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

010      **Berthing**      LOA: Max 85m  
**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.

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.

**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  
                  escort @ Mawan.  
**Remarks:** 2 pilots. Starboard side to.

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  
**Remarks:** 2 pilots

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 TRIAL**Location: **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 1800 to 0600 hours**

Location: **CHT-PC-TW**

**Central Harbour Transit – Passenger Ship  
 (Conventional) (Trial Window)**

**010 East Bound** LOA: Max 230m  
**Draft:** Max 9.0m (min 10% UKC)  
**Time:** between 1800 to 0600 hours  
**Tugs:** 1 escort  
**Remarks:**

**011 West Bound** LOA: Max 230m  
**Draft:** Max 9.0m (min 10% UKC)  
**Time:** between 1800 to 0600 hours  
**Tugs:** 1 escort  
**Remarks:**

**020 East Bound** LOA: Max 270m  
**Draft:** Max 9.0m (min 10% UKC)  
**Time:** between 1800 to 0600 hours  
**Tugs:** 1 escort  
**Remarks:**

**021 West Bound** LOA: Max 270m  
**Draft:** Max 9.0m (min 10% UKC)  
**Time:** between 1800 to 0600 hours  
**Tugs:** 1 escort  
**Remarks:**

**030 East Bound** LOA: Max 290m  
**Draft:** Max 9.5m (min 10% UKC)  
**Time:** between 1800 to 0600 hours &  
 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:** between 1800 to 0600 hours &  
 HW+1 to LW+1  
**Tugs:** 2 escort  
**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 TRIAL**Location: **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  $\geq 8000\text{HP}$
  - (b) Equipped with azipods.
2. This BGL is intended for PASSENGER SHIP transiting Central Harbour via Northern Fairway and Central Fairway. For berthing/unberthing requirements please refer to separate BGL of the related terminal.
3. The operation of this BGL shall be postponed when:
  - (a) Visibility is less than 1 mile.
  - (b) Wind force in the harbour area is greater than 21 knots, and/or strong monsoon signal is hoisted, and/or typhoon signal No.3 is hoisted whichever is applicable.
4. Subject to VTC prior approval & traffic condition.
5. Unless otherwise specified, escort tug/tugs for Central Harbour Transit is/are required for the waters:
  - (a) East Bound: From GI to LYM.
  - (b) West Bound: From TCS4 to GI.
6. For LOA>270m, one guard boat provided by agents is required to clear the passage between Kellett Buoy and Hung Hom.

**ON TRIAL**  
**For trial window between 1800 to 0600 hours**

Location: **CHT-PH-TW**

**Central Harbour Transit – Passenger Ship**  
**(Highly Maneuverable)(Trial Window)**

010	<b>East Bound</b>	LOA: Max 230m	011	<b>West Bound</b>	LOA: Max 230m
<b>Draft:</b>	Max 9.0m (min 10% UKC)		<b>Draft:</b>	Max 9.0m (min 10% UKC)	
<b>Time:</b>	between 1800 to 0600 hours		<b>Time:</b>	between 1800 to 0600 hours	
<b>Tugs:</b>	1 escort		<b>Tugs:</b>	1 escort	
<b>Remarks:</b>			<b>Remarks:</b>		
020	<b>East Bound</b>	LOA: Max 270m	021	<b>West Bound</b>	LOA: Max 270m
<b>Draft:</b>	Max 9.0m (min 10% UKC)		<b>Draft:</b>	Max 9.0m (min 10% UKC)	
<b>Time:</b>	between 1800 to 0600 hours		<b>Time:</b>	between 1800 to 0600 hours	
<b>Tugs:</b>	1 escort		<b>Tugs:</b>	1 escort	
<b>Remarks:</b>			<b>Remarks:</b>		
030	<b>East Bound</b>	LOA: Max 290m	031	<b>West Bound</b>	LOA: Max 290m
<b>Draft:</b>	Max 9.5m (min 10% UKC)		<b>Draft:</b>	Max 9.5m (min 10% UKC)	
<b>Time:</b>	between 1800 to 0600 hours		<b>Time:</b>	between 1800 to 0600 hours	
<b>Tugs:</b>	2 escort		<b>Tugs:</b>	2 escort	
<b>Remarks:</b>	2 pilots. 1 guard boat to clear the passage.		<b>Remarks:</b>	2 pilots. 1 guard boat to clear the passage.	
040	<b>East Bound</b>	LOA: Max 345m	041	<b>West Bound</b>	LOA: Max 345m
<b>Draft:</b>	Max 9.5m (min 10% UKC)		<b>Draft:</b>	Max 9.5m (min 10% UKC)	
<b>Time:</b>	between 1800 to 0600 hours		<b>Time:</b>	between 1800 to 0600 hours	
<b>Tugs:</b>	2 escort		<b>Tugs:</b>	2 escort	
<b>Remarks:</b>	2 pilots. 1 guard boat to clear the passage.		<b>Remarks:</b>	2 pilots. 1 guard boat to clear the passage.	

**General Remarks:**

- Highly maneuverable passenger ships should meet the following requirements:
  - Bow thrusters of total power  $\geq 8000\text{HP}$
  - Equipped with azipods.
- 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:
  - Strict adherence to (3) below; and
  - Sailing schedule being publicized in the agreed manner and listed on the KTCT website at <https://www.kaitakcruiseterminal.com.hk/schedule/>.
- The operation of this BGL shall be postponed when:
  - Visibility is less than 1 n.mile;
  - 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;
  - Major event at sea is being held in the harbour as promulgated by Marine Department Notice; or
  - Major marine work is being conducted within the relevant fairways.
- 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.

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.

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

040      **Berthing**      LOA: Max 280m  
**Draft:**      Max 16.8m (min 15% UKC)  
**Time:**      Day @ berth.  
                  Day light HW+1 @ Mawan.  
                  1<sup>st</sup> Jun – 15<sup>th</sup> Oct : Day light HW+0.5  
                  @ Mawan.  
**Tugs:**      4 tugs incl 1 escort from GI & 1  
                  escort @ Mawan 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.  
**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 escort @  
                 Mawan 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

**Remarks:** 2 pilots

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 TRIAL**Location : **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 175m  
**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 175m  
**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.

**ON TRIAL**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 175m  
**Draft:**      Max 8.6m with pontoon  
                 (min 10% UKC)  
**Time:**      D&N LW+1 to HW+2  
**Tugs:**      2  
**Remarks:**

021      **Unberthing**      LOA: Max 175m  
**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.

Location: **HKOLNG(E)****Hong Kong Offshore LNG Terminal east berth**  
(Declared Depth: 15.5 m)

010      **Berthing**      LOA: Max 350m  
**Draft:**      Max. 12.5m (min 15% UKC)  
**Time:**      Day HW-2 to HW+1  
**Tugs:**      4  
**Remarks:**      2 pilots  
                         Starboard side to.

011      **Unberthing**      LOA: Max 350m  
**Draft:**      Max. 12.5m (min 15% UKC)  
**Time:**      Day  
**Tugs:**      4  
**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 either 5,000 HP or 70T BP; and 2 x either 6,500 HP or 80T BP.

Location: **HKOLNG(W)****Hong Kong Offshore LNG Terminal west berth**  
(Declared Depth: 15.5 m)

010	<b>Berthing</b>	LOA: Max 350m	011	<b>Unberthing</b>	LOA: Max 350m
<b>Draft:</b>	Max. 12.5m (min 15% UKC)		<b>Draft:</b>	Max. 12.5m (min 15% UKC)	
<b>Time:</b>	Day HW-2 to HW+1		<b>Time:</b>	Day	
<b>Tugs:</b>	4		<b>Tugs:</b>	4	
<b>Remarks:</b>	2 pilots Port side to.		<b>Remarks:</b>	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 either 5,000 HP or 70T BP; and 2 x either 6,500 HP or 80T BP.

(On trial for 12 months)

Location : **JBDGA**                      **Junk Bay DG anchorage**

010	<b>To anchorage</b>	LOA: Max 183m	011	<b>From anchorage</b>	LOA: Max 183m
<b>Draft:</b>	Max 10.0m (min 10% UKC)		<b>Draft:</b>	Max 10.0m (min 10% UKC)	
<b>Time:</b>	24 hrs		<b>Time:</b>	24 hrs	
<b>Tugs:</b>			<b>Tugs:</b>		
<b>Remarks:</b>			<b>Remarks:</b>		

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.



**On Trial**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.

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

060      **Berthing**      LOA: Max 370m  
**Draft:**      Max 15.5m + tide – 10% UKC  
**Time:**      24 hrs  
                 D>14.0m & Port side to, D&N LW+1  
                 to LW+3 & HW-2 to HW+2  
**Tugs:**      3 incl 1 GI escort if no bow thruster.  
                 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  
**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  $\geq 5000$ HP.
4. LOA>350m & D>14.0m, at least two tugs  $\geq 5000$ 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.

**On Trial**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 & Port side to, D&N LW+1 to LW+3 & HW-2 to HW+2  
**Tugs:**      3 incl 1 GI escort if no bow thruster.  
                  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  
**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.

**On Trial**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.  
**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 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:**      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:**

051      **Unberthing**      LOA: Max 340m  
**Draft:**      Max 15.5m + tide – 10% UKC  
**Time:**      24 hrs  
**Tugs:**      2, 1 if bow & stern thrusters fitted.  
**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  
**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.  
                  D>14.0m, 4 incl 3≥5000HP if out of LW+1 to LW+3 & HW-2 to HW+2  
**Remarks:**

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

**On Trial****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  $\geq 5000\text{HP}$ .
3. LOA>350m & D>14.0m, at least two tugs  $\geq 5000\text{HP}$ .
4. LOA>370m & D>14.0m, at least one tug  $\geq 6000\text{HP}$  & one tug  $\geq 5000\text{HP}$ .
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.

**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:** Port side to

**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.

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

**Remarks:** Port side to

**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  
**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.  
D>14.0m, thrusters not considered if out of LW+1 to LW+3 & HW-2 to HW+2  
**Remarks:** GT >130000, LOA: Max 370m 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.

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

060      **Berthing**      LOA: Max 370m  
**Draft:**      Max 16.0m + 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.  
                  D>14.0m, 4 incl 3≥5000HP if out of  
                  LW+1 to LW+3 & HW-2 to HW+2

**Remarks:**

061      **Unberthing**      LOA: Max 370m  
**Draft:**      Max 16.0m + tide – 10% UKC  
**Time:**      24 hrs  
**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  
**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 ≥5000HP.
3. LOA>350m & D>14.0m, at least two tugs ≥5000HP.
4. LOA>370m & D>14.0m, at least one tug ≥ 6000HP & one tug ≥ 5000HP.

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.

**On Trial**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  
**Tugs:**      3, 2 if bow & stern thrusters fitted.  
                  D>14.0m, 4  
**Remarks:**

**On Trial**

*Location : KC10W*

***Kwai Chung berth 10W***

*(Declared Depth at berth 15.5m)*

**General Remarks:**

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

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.



**On Trial**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  
**Tugs:**      3, 2 if bow & stern thrusters fitted.  
                  D>14.0m, 4

**Remarks:**

**On Trial**

***Location : KC12***

***Kwai Chung berth 12***

*(Declared Depth at berth 15.5m)*

**General Remarks:**

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

**On Trial**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:**

060      **Berthing**      LOA: Max 360m  
**Draft:**      Max 15.5m + tide – 10% UKC  
**Time:**      24 hrs  
                  D>14.0m, D&N LW+1 to HW+2.  
**Tugs:**      3 incl 1 GI escort if no bow thruster.  
                  2 if bow & stern thrusters fitted.  
                  D>14.0m, 4 incl 1 GI escort if no bow thruster.  
**Remarks:**      Starboard side to

061      **Unberthing**      LOA: Max 360m  
**Draft:**      Max 15.5m + tide – 10% UKC  
**Time:**      24 hrs  
**Tugs:**      3, 2 if bow & stern thrusters fitted.  
                  D>14.0m, 4  
**Remarks:**

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

070      **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

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

080      **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

081      **Unberthing**    LOA: Max 400m  
**Draft:**    Max 15.5m + tide – 10% UKC  
**Time:**    24 hrs.  
**Tugs:**    4 incl 2≥6000HP & 1≥5000HP if  
              out of LW+1 to HW+2  
**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.
5. LOA>370m & D>14.0m, at least one tug ≥ 6000HP & one tug ≥ 5000HP.
6. LOA>390m berthing KC13, quay cranes at berth KC10W(100m eastward from berth KC9/10 corner) and berth KC14 are required to be boom up.
7. Subject to actual berthing position, boom up of additional quay cranes may be required if deemed necessary.

Location: **KC15****Kwai Chung berth 15***(Declared Depth at berth 15.5m)*

010      **Berthing**      LOA: Max 130m  
**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.

*Location: KC15**Kwai Chung berth 15**(Declared Depth at berth 15.5m)*

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.

**Remarks:** Port side to

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

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:**

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

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



**On Trial**Location: **KC 17-18****Kwai Chung berth 17-18***(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  
**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.  
                  D>14.0m 4 incl 1≥6000HP &  
                  1≥5000HP if out of LW+1 to LW+3  
                  & HW-1 to HW+3  
**Remarks:** GT >130000, LOA: Max 370m  
                  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.

**On Trial****Location: KC 17-18****Kwai Chung berth 17-18***(Declared Depth at berth 16.5 m)*

060      **Berthing**      LOA: Max 370m  
**Draft:**      Max 16.5m + 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.  
                  D>14.0m, 4 incl 2≥6000HP if out of  
                  LW+1 to LW+3 & HW-1 to HW+3

**Remarks:**

061      **Unberthing**      LOA: Max 370m  
**Draft:**      Max 16.5m + tide – 10% UKC  
**Time:**      24 hrs  
**Tugs:**      2, 1 if bow & stern thrusters fitted.  
                  D>13.0m or Port side to, 3, 2 if bow  
                  & stern thrusters fitted.  
                  D>14.0m, 4 incl 1≥6000HP &  
                  1≥5000HP if out of LW+1 to  
                  LW+3 & HW-1 to HW+3

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

**Remarks:****General Remarks:**

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

**On Trial**Location: **KC 19****Kwai Chung berth 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+3  
**Tugs:** 3 incl 1 GI escort if no bow thruster.  
2 if bow & stern thrusters fitted.  
D>13.0m, 4 incl 1 GI escort if no  
bow thruster.  
**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.

**On Trial****Location: KC 19****Kwai Chung berth 19***(Declared Depth at berth 16.5 m)*

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+3  
**Tugs:**      3 incl 1 GI escort if no bow thruster.  
                  2 if bow & stern thrusters fitted.  
                  D>13.0m, 4 incl 1 GI escort if no  
                  bow thruster.

**Remarks:**

061      **Unberthing**      LOA: Max 370m  
**Draft:**      Max 16.5m + tide – 10% UKC  
**Time:**      24 hrs  
**Tugs:**      2, 1 if bow & stern thrusters fitted.  
                  D>13.0m or Port side to, 3, 2 if bow  
                  & stern thrusters fitted.  
                  D>14.0m, 4 incl 1≥6000HP &  
                  1≥5000HP if out of LW+1 to  
                  LW+3 & HW-1 to HW+3

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

**Remarks:****General Remarks:**

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

**(On trial for 12 months)**Location : **KEL-1****Kellett Anchorage No.1**010      **To anchorage**    LOA: Max 300m**Draft:**    Max 11.0m (min 10% UKC)**Time:**    24 hrs**Tugs:**    see General Remarks**Remarks:**011      **From anchorage**    LOA: Max 300m**Draft:**    Max 11.0m (min 10% UKC)**Time:**    24 hrs**Tugs:**    see General Remarks**Remarks:****General Remarks**

Tug requirement:

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

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

010      **Berthing**      LOA: Max 130m  
**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 TRIAL**Location : **KTCT-2****Kai Tak Cruise Terminal Berth 2***(Declared Depth: 12.0m at Turning Basin / 13.0m at Berth)*

010      **Berthing**      LOA: Max 130m  
**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 hr.  
**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.
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 TRIAL**Location : **KTCT-2/O-F****Kai Tak Cruise Terminal Berth 2 outer-foul***(Declared Depth: 12.0m at Turning Basin / 13.0m at Berth)*

010      **Berthing**      LOA: Max 130m  
**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 300m  
**Draft:**    Max 11m (min 10% UKC)  
**Time:**    Starboard side to: D&N HW to LW.  
**Tugs:**    3 incl 1 TCS4 escort  
**Remarks:** 2 pilots

041      **Unberthing**      LOA: Max 300m  
**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.
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:**

**(On trial for 12 months)**Location : **MWA****Ma Wan anchorage**

010      **To anchorage**    LOA: Max 320m  
**Draft:**    Max 12.6m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    see general remarks below  
**Remarks:**

011      **From anchorage**    LOA: Max 320m  
**Draft:**    Max 12.6m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    see general remarks below  
**Remarks:**

**General Remark**

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

**(On trial for 12 months)**Location : **NLA****North Lamma anchorage**

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

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

**General Remarks**

Tug requirement:

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



**(On trial for 12 months)**Location : **NWLA****North West Lamma anchorage**

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

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

**General Remarks**

Tug requirement:

1. For bulker ship, 1 tug if LOA>240m (thrusters not considered as substitute for tug);
2. For container ship, 1 tug if LOA >250m; and
3. For passenger ship, 1 tug if LOA>250m.

Location : OTN

## Ocean Terminal north berth

010      **Berthing**      LOA: Max 80m  
**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.

**(On trial for 12 months)**Location : **PSSA-E****Pun Shan Shek anchorage east**

~~020~~ 010    **To anchorage**    LOA: Max 320m  
**Draft:**    Max 12.6m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    see General Remarks  
**Remarks:**

~~021~~ 011    **From anchorage**    LOA: Max 320m  
**Draft:**    Max 12.6m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    see General Remarks  
**Remarks:**

**General Remarks:**

1. This anchorage is commonly used for naval vessels.
2. Tug requirement:
  - i. For bulker ship, 1 tug if LOA>240m or draft >10.5m (thrusters not considered as substitute for tug);
  - ii. For container ship, 1 tug if LOA >250m or draft >11.0m; and
  - iii. For passenger ship, 1 tug if LOA>250m.



**(On trial for 12 months)**Location : **PSSA-W****Pun Shan Shek anchorage west**

010      **To anchorage**    LOA: Max 195m  
**Draft:**    Max 11.0m (min 10% UKC)  
**Time:**    If D>8.2m or LOA>150m day only  
**Tugs:**    See General Remark  
**Remarks:**

011      **From anchorage**    LOA: Max 195m  
**Draft:**    Max 11.0m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    See General Remark  
**Remarks:**

**General Remark:**

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

(On trial for 12 months)

Location : **RDGA**

**Reserved dangerous goods anchorage**

010      **To anchorage**    LOA: Max 150m  
**Draft:**    Max 12.6m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    1 if D>10.0m  
**Remarks:**

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

**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:**

**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.

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

**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.

**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 : **SHELL-1E****Shell No.1 east & west berth**

010      **Berthing**      LOA: Max 100m  
**Draft:**      Max 6.5m (min 10% UKC)  
**Time:**      Day light  
**Tugs:**      2 (grade II)  
**Remarks:** Opposite berth must vacant when  
                 berthing

011      **Unberthing**      LOA: Max 100m  
**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 : **SHELL-2E****Shell No. 2 & 3 east & west berth**

010      **Berthing**      LOA: Max 90m  
**Draft:**      Max 5.5m (min 10% UKC)  
**Time:**      Day light  
**Tugs:**      2 (grade II)  
**Remarks:** Opposite berth must vacant when  
                 berthing

011      **Unberthing**      LOA: Max 90m  
**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 : **SHELL-LPG****Shell oil terminal LPG berth**

010      **Berthing**      LOA: Max 100m  
**Draft:**      Max 7m (min 10% UKC)  
**Time:**      D&N HW-1 to HW+2 &  
                 D&N LW+1 to LW+3  
**Tugs:**      2 (grade II)  
**Remarks:** Port side to.

011      **Unberthing**      LOA: Max 100m  
**Draft:**      Max 7m (min 10% UKC)  
**Time:**      24 hr  
**Tugs:**      2 (grade II)  
**Remarks:**

020      **Berthing**      LOA: Max 135m  
**Draft:**      Max 8m (min 10% UKC)  
**Time:**      D&N HW-1 to HW+2 &  
                 D&N LW+1 to LW+3  
**Tugs:**      2  
**Remarks:** Port side to.

021      **Unberthing**      LOA: Max 135m  
**Draft:**      Max 8m (min 10% UKC)  
**Time:**      24 hr  
**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:**  
**Remarks:**

011      **From anchorage**    LOA: Max 400m  
**Draft:**    Max 18.0m (min 15% UKC)  
**Time:**    24 hrs  
**Tugs:**  
**Remarks:**

**General remarks:**

Location:     **SSK-1**                                 **Sham Shui Kok Anchorage No.1**

010	<b>To anchorage</b>	LOA: Max 180m	011	<b>From anchorage</b>	LOA: Max 180m
<b>Draft:</b>	Max 8.0m (Min 15% UKC)		<b>Draft:</b>	Max 8.0m (Min 15% UKC)	
<b>Time:</b>	24 hrs		<b>Time:</b>	24 hrs	
<b>Tugs:</b>			<b>Tugs:</b>		
<b>Remarks:</b>			<b>Remarks:</b>		

**General Remark:**

## Sham Shui Kok Anchorage No.2

011      **From anchorage** LOA: Max 180m  
**Draft:**      Max 9.0m (Min 15% UKC)  
**Time:**      24 hrs  
**Tugs:**  
**Remarks:**

**General Remark:**

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 escort @ Mawan  
**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 escort @ Mawan  
**Remarks:** 2 pilots.

**(On trial for 12 months)**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 11.0m (min 10% UKC)  
**Time:**    Day light  
**Tugs:**    1 if D>10.5m  
**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 11.0m (min 10% UKC)  
**Time:**    Day light  
**Tugs:**    1 if D>10.5m  
**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.

**Ship under tow to/from berth**

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

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:**

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.

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 for 12 months)**Location : **URMA****Urmston Road Anchorage****- All vessels other than passenger & container ship**

**010 To anchorage** LOA: Max 183m  
**Draft:** Max 12.0m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1 if D>10.0m  
**Remarks:** 1 escort tug for Mawan Transit if D>10.0m.

**011 From anchorage** LOA: Max 183m  
**Draft:** Max 12.0m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1 if D>10.0m  
**Remarks:** 1 escort tug for Mawan Transit if D>10.0m.

**020 To anchorage** LOA: Max 230m  
**Draft:** Max 13.0m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1 if D>10.0m  
**Remarks:** 1 escort tug for Mawan Transit

**021 From anchorage** LOA: Max 230m  
**Draft:** Max 13.0m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1 if D>10.0m.  
**Remarks:** 1 escort tug for Mawan Transit

**030 To anchorage** LOA: Max 255m  
**Draft:** Max 15.0m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1  
**Remarks:** 1 escort tug for Mawan Transit.  
If D>10.0m, escort from GI through to URMA

**031 From anchorage** LOA: Max 255m  
**Draft:** Max 15.0m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1  
**Remarks:** 1 escort tug for Mawan Transit.  
If D>10.0m, escort from URMA through to Mawan transit

**040 To anchorage** LOA: Max 310m  
**Draft:** Max 16.8m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1, 2 if D>14.0m  
**Remarks:** 1 escort tug from GI through to URMA. If D>14.0m, +1 @ Mawan through to URMA

**041 From anchorage** LOA: Max 310m  
**Draft:** Max 16.8m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1  
**Remarks:** 1 escort tug from URMA for Mawan Transit. If D>14.0m, +1 @ Mawan

**(On trial for 12 months)**Location : **URMA-C****Urmston Road Anchorage – Container Ship**

**010 To anchorage** LOA: Max 230m  
**Draft:** Max 12.50m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1 if D>10.0m  
**Remarks:**

**011 From anchorage** LOA: Max 230m  
**Draft:** Max 12.5m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1 if D>10.0m  
**Remarks:**

**020 To anchorage** LOA: Max 280m  
**Draft:** Max 13.5m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1  
**Remarks:** 1 escort tug for Mawan Transit

**021 From anchorage** LOA: Max 280m  
**Draft:** Max 13.5m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1  
**Remarks:** 1 escort tug for Mawan Transit

**030 To anchorage** LOA: Max 310m  
**Draft:** Max 15.5m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1 (Thruster not considered if D>13.5m)  
**Remarks:** 1 escort tug for Mawan Transit.  
D>14.5m, 1 tug from GI & 1 tug from Kellett buoy escort for Mawan Transit

**031 From anchorage** LOA: Max 310m  
**Draft:** Max 15.5m (min 15% UKC)  
**Time:** 24 hrs.  
**Tugs:** 1  
**Remarks:** 1 escort tug for Mawan Transit.  
D>14.5m, 2 escort tugs for Mawan Transit

**(On trial for 12 months)**Location : **URMA-PC/PH****Urmston Road Anchorage – Passenger Ship  
(Conventional/Highly Maneuverable)**

**010      To anchorage** LOA: Max 230m  
**Draft:**    Max 11.0m (min 15% UKC)  
**Time:**    24 hrs.  
**Tugs:**  
**Remarks:**

**011      From anchorage** LOA: Max 230m  
**Draft:**    Max 11.0m (min 15% UKC)  
**Time:**    24 hrs.  
**Tugs:**  
**Remarks:**

**020      To anchorage** LOA: Max 310m  
**Draft:**    Max 11.0m (min 15% UKC)  
**Time:**    24 hrs.  
**Tugs:**    1  
**Remarks:** 1 escort tug for Mawan Transit

**021      From anchorage** LOA: Max 310m  
**Draft:**    Max 11.0m (min 15% UKC)  
**Time:**    24 hrs.  
**Tugs:**    1  
**Remarks:** 1 escort tug for Mawan Transit



**ON TRIAL**Location : **URMPS****Transit Mawan****(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.  
**Remarks:** Day 1 pilot, Night 2 pilots.

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

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

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.  
**Remarks:** 2 pilots

**ON TRIAL***Location : URMPS**Transit Mawan**(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.  
**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.  
**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.  
**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.  
**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 lightening or anchor at URMA due to limited space of the anchorage.
4. In case of special circumstances and conditions, where a vessel is required to anchor at URMA, she shall obtain prior approval from VTC.
5. Unless otherwise specified, escort tug for Mawan transit is required for the waters between Kellett buoy and Ha Pang.
6. For LOA>230m≤290m or Draft >13m, escort tug is minimum 3600HP each or minimum 7200HP total (Tug 2600HP not accepted) if 2 tugs are required.

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

010      **N. 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:**

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

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

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

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

**Location : URMPS-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

**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

**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

**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

**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

**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:**

- Vessels of LOA >310m are not permitted to anchor within the area between Ma Wan West and URMPS.
- In case of special circumstances and conditions, when vessel of LOA >310m is required to anchor within the area between Ma Wan West and URMPS, she shall obtain prior approval from VTC and comply with the conditions required by VTC/MD.
- Container vessel of LOA >400m, transiting Ma Wan for the first time, are subject to Practical Assessment through (a) Restricted Ma Wan Transit tidal window (b) Special tug requirement.
- Unless otherwise specified, escort tug for Mawan transit is required for the waters:
  - North bound : from Kellett buoy to NW Mawan Signal Mast except required at a location earlier by pilot/Master.
  - South bound : from Ha Pang to 0.5 n.mile south of Tsing Ma Bridge except required at a location earlier by pilot/Master.
- For LOA >340m - 370m or D>13.5m, escort tug is minimum 3600HP each or minimum 7200HP total (Tug 2600HP not accepted) if 2 tugs are required
- For LOA >370m – 400m, minimum power of each escort tug is 4000HP.

## ON TRIAL

Location : URMPS-PC

Transit Mawan – Passenger Ship  
(Conventional)

010      **N. bound**      LOA: Max 200m  
**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.  
**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.  
**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.  
**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.  
**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.  
**Remarks:** 2 pilots

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

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.  
**Remarks:** 2 pilots

**General Remarks:**

1. Highly maneuverable passenger ships should meet the following requirements:
  - (a) bow thrusters of total power  $\geq 8000\text{HP}$
  - (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:**

**(On trial for 12 months)**Location : **WA-2****Western anchorage No.2**

010      **To anchorage** LOA: Max 400m  
**Draft:**    Max 12.6m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    see General Remarks  
**Remarks:**

011      **From anchorage** LOA: Max 400m  
**Draft:**    Max 12.6m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    see General Remarks  
**Remarks:**

**General Remarks**

Tug requirement:

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



**(On trial for 12 months)**Location : **WA-3****Western anchorage No.3**

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

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

**General Remarks**

Tug requirement:

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

**(On trial for 12 months)**Location : **WQA****Western Quarantine anchorage**

010      **To anchorage**    LOA: Max 180m  
**Draft:**    Max 10.7m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**    see General Remarks  
**Remarks:**

011      **From anchorage**    LOA: Max 180m  
**Draft:**    Max 10.7m (min 10% UKC)  
**Time:**    24 hrs  
**Tugs:**  
**Remarks:**

General Remarks

Tug requirement:

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

Location : **YMTA**

**Yau Ma Tei anchorage**

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:**