

PILOTAGE ADVISORY COMMITTEE

Proposed Amendments to the Berthing Guidelines

Purpose

The purpose of this paper is to seek members' advices and comments on proposed amendments to the Berthing Guidelines (BGL).

Proposed Amendments

2. It was proposed to amend the BGL of some locations in chapter 12 with updated information as follow:-

a. Location TOW - Ship under tow (*see Annex I*)

To amend the maximum air draft of 53m in remark 3 to read "54.6m at any time, and 57m during the period of Specified Hours", bringing it in line with the height restriction for passage under the Tsing Ma bridge.

b. Location TOW-BERTH - Ship under tow to/from berth (*see Annex II*)

To add a general remark to indicate this BGL is applicable to ships under tow to/from anchorage/Government Mooring Buoys.

c. Location URMPS/URMPA – Transit Mawan - Bulker & Tanker (*see Annex III*)

i. To replace "UR2 buoy" with "TSK buoy" as per renaming of the buoy; and

ii. To delete item 8 in the general remarks which is redundant as times of operation are specified in individual items of the BGL.

d. Locations URMPS-PC/URMA-PC & URMPS-PH/URMA-PH - Transit Mawan – Passenger ships (*see Annex IV*)

i. To add new items 010 and 011 in these 2 locations for ships with a smaller LOA of Max 200m where no restriction on Mawan transit tidal window is required;

ii. To renumber existing items accordingly; and

iii. To delete item 5 in the general remarks which is redundant as times

of operation are specified in individual items of the BGL.

3. It was also proposed to add a BGL for a new location SCCA after Location RTT-5 for the newly established South Cheung Chau Anchorage with details as shown in *Annex V*. This BGL is modeled on Location SLA.

Presentation

4. This paper will be presented by Marine Manager/Pilotage.

Advice Sought

5. Advices and comments from members are sought for the endorsement of this proposal.

Marine Department
May 2023

Location : **TOW-BERTH****Ship under tow to/from berth**

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

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

020 **Berthing** LOA: Max 214m
Draft: Max 9.5m (min 10% UKC)
Time: 24 hrs
Tugs: 3 (Thrusters not considered)
Remarks: No wedge in KC5E

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:

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

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

General Remarks:

This BGL for TOW-BERTH is applicable to Ship under tow to/from anchorage or GMB.

ON TRIAL

Location : URMPS/URMA

Transit Mawan – Bulker & Tanker

(All vessels other than passenger & container ship)

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

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

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

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

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

030 **N. bound** LOA: Max 230m
Draft: Max 13m (min 15% UKC)
Time: Subject to Mawan transit tidal
 window. D>12.5m day light transit
 only.
Tugs: 1 escort @ Mawan for Mawan
 Transit; for night transit 1 escort from
 Kellett buoy to ~~UR-2-buoy~~ TSK buoy
 if D> 9m.
 To URMA: +1 @ URMA if D>10m.

031 **S. bound** LOA: Max 230m
Draft: Max 13m (min 15% UKC)
Time: Subject to Mawan transit tidal
 window. D>12.5m day light transit
 only.
Tugs: 1 escort @ Mawan for Mawan
 Transit; for night transit 1 escort
 from ~~UR-2-buoy~~ TSK buoy to
 Kellett buoy if D> 9m.
 From URMA: +1 @ URMA if
 D>10m.

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

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

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

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

Berthing Guidelines

ON TRIAL

Location : **URMPS/URMA**

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

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

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

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

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

General Remarks:

1. Thrusters are not considered as substitute for tug for transit.
2. PILOT BOARDING TIME FOR MA WAN TRANSIT :
@URMPS, URMA, NC & WITHIN HARBOUR:
 - Draft exceeds 14m or harbour speed less than 11 knots – Mawan transit time minus 1.5 hours;
 - Other ships – Mawan transit time minus 1 hour.
3. Bulker or Tanker of LOA>280m are normally not permitted to lighten or anchor at URMA due to limited space of the anchorage.
4. In case of special circumstances and conditions, where a vessel is required to anchor at URMA, she shall obtain prior approval from VTC.
5. Unless otherwise specified, escort tug for Mawan transit is required for the waters between Kellett buoy and Ha Pang.
6. For LOA>230m≤290m or Draft >13m, escort tug is minimum 3600HP each or minimum 7200HP total (Tug 2600HP not accepted) if 2 tugs are required.
7. During the initial implementation of the trials for LOA Max 305m, provision of one more escort tug during Mawan transit is recommended.
8. ~~Subject to Mawan transit tidal window.~~

ON TRIAL

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

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

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

~~01020~~ **N. bound** LOA: Max 230m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window
Tugs:
Remarks:

~~01121~~ **S. bound** LOA: Max 230m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window
Tugs:
Remarks:

~~02030~~ **N. bound** LOA: Max 270m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window
Tugs: 1 escort @ Mawan for Mawan
Transit.
To URMA: +1 @ URMA (tug @
URMA exempted for vessels with
thrusters).
Remarks: 2 pilots

~~02131~~ **S. bound** LOA: Max 270m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window
Tugs: 1 escort @ Mawan for Mawan
Transit.
From URMA: +1 @ URMA (tug @
URMA exempted for vessels with
thrusters).
Remarks: 2 pilots

~~03040~~ **N. bound** LOA: Max 290m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window
Tugs: 1 escort from Kellett buoy for Mawan
Transit.
To URMA: +1 @ URMA (tug @
URMA exempted for vessels with
thrusters).
Remarks: 2 pilots

~~03141~~ **S. bound** LOA: Max 290m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window
Tugs: 1 escort @ Mawan for Mawan
Transit.
From URMA: +1 @ URMA (tug @
URMA exempted for vessels with
thrusters).
Remarks: 2 pilots

~~04050~~ **N. bound** LOA: Max 345m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window.
Tugs: 1 escort from Kellett buoy for Mawan
Transit.
To URMA: +1 @ URMA (tug @
URMA exempted for vessels with
thrusters).

~~04151~~ **S. bound** LOA: Max 345m
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal
window.
Tugs: 1 escort @ Mawan for Mawan
Transit.
From URMA: +1 @ URMA (tug @
URMA exempted for vessels with
thrusters).

Remarks: 2 pilots

Remarks: 2 pilots

General Remarks:

1. Passenger ships, other than those defined as highly maneuverable in URMPS-PH/URMA-PH, are classified as conventional passenger ships.
2. Vessels of LOA >310m are not permitted to anchor within the area between Ma Wan West and URMPS.
3. In case of special circumstances and conditions, when vessel of LOA >310m is required to anchor

within the area between Ma Wan West and URMPS, she shall obtain prior approval from VTC and comply with the conditions required by VTC/MD.

4. Unless otherwise specified, escort tug for Mawan transit is required for the waters:
 - a. North bound : from Kellett buoy to NW Mawan Signal Mast except required at a location earlier by pilot/Master.
 - b. South bound : from Ha Pang to 0.5 n.mile south of Tsing Ma Bridge except required at a location earlier by pilot/Master.

~~5. Subject to Mawan transit tidal window.~~

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

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

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

~~01020~~ **N. bound LOA: Max 230m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

~~01121~~ **S. bound LOA: Max 230m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs:
Remarks:

~~02030~~ **N. bound LOA: Max 270m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

~~02131~~ **S. bound LOA: Max 270m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

~~03040~~ **N. bound LOA: Max 290m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

~~03141~~ **S. bound LOA: Max 290m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).
Remarks: 2 pilots

~~04050~~ **N. bound LOA: Max 345m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort from Kellett buoy for Mawan Transit.
To URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).

~~04151~~ **S. bound LOA: Max 345m**
Draft: Max 11.0m (min. 15% UKC)
Time: Subject to Mawan transit tidal window.
Tugs: 1 escort @ Mawan for Mawan Transit.
From URMA: +1 @ URMA (tug @ URMA exempted for vessels with thrusters).

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

1. Highly maneuverable passenger ships should meet the following requirements:
 - a. Bow thrusters of total power ≥ 8000 HP
 - b. Equipped with azipods.
2. Vessels of LOA >310m are not permitted to anchor within the area between Ma Wan West and URMPS.
3. In case of special circumstances and conditions, when vessel of LOA >310m is required to anchor within the area between Ma Wan West and URMPS, she shall obtain prior approval from VTC and comply with the conditions required by VTC/MD.

4. Unless otherwise specified, escort tug for Mawan transit is required for the waters:
 - a. North bound : from Kellett buoy to NW Mawan Signal Mast except required at a location earlier by pilot/Master.
 - b. South bound : from Ha Pang to 0.5 n.mile south of Tsing Ma Bridge except required at a location earlier by pilot/Master.
- ~~5. Subject to Mawan transit tidal window.~~

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

010 **To anchorage** LOA: Max 400m
Draft: Max 16.0m (min 15% UKC)
Time: 24 hrs
Tugs: 1

011 **From anchorage** LOA: Max 400m
Draft: Max 16.0m (min 15% UKC)
Time: 24 hrs
Tugs: 1

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

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