PILOTAGE ADVISROY COMMITTEE

Proposed Amendments to the Berthing Guidelines

Purpose

The purpose of this paper is to seek members' endorsement on the proposed amendments to the Berthing Guidelines as attached in Annex 1.

Background

2. The proposed amendments in Annex 1 are to update the tugs information, the current operational requirements for berthing and unberthing of vessels at the China Cement Company (TSK), China Light Power Station (TSK) and Ship under tow to or from berth.

Consultation

3. The paper was circulated and endorsed by all Working Group members in August 2004.

Recommendation

4. Members are recommended to endorse the proposed amendments.

Marine Department September 2004

Brief Notes on Proposed Amendments to Berthing Guidelines

Item	n Description		Amendments	Reason	Implications
1.	Chapter 6	Tugs information	Update the tugs information.	There were changes of tugs information.	No implication.
2.	Location: CCEMENT	China Cement Company (TSK)	Add the remarks for tidal restriction at Ma Wan and minor amendments to the content to match with the BGL for Transit Mawan -Bulker & Tanker.	To be in line with the BGL for Transit Mawan-Bulker & Tanker	No implication.
3.	Location: CLPTSK	China Light Power Station (TSK)	Add the remarks for tidal restriction at Ma Wan and minor amendments to the content to match with the BGL for Transit Mawan -Bulker & Tanker.	To be in line with the BGL for Transit Mawan-Bulker & Tanker	No implication.
4.	Location: TOW-BERTH	Ship under tow to/from berth	Add new class Max LOA 110m and Max Draft 6.0m.	To reflect current ship sizes and operational requirements.	One tug will be reduced for berthing if LOA ≤ 110m and Draft ≤ 6m.

Note: Please refer to the attached Item 1-4 for details of the proposed amendment.

Chapter: 6 TUGS INFORMATION

Name	HP.	B. pull (tonnes)	Remarks
Hong Kong Tug 2427 7477			
Ap Chau	4000	54	Grade I
Cheung Chau	4000	54	Grade I
Heung Kong	3000	37	Grade I
Hung Hom	3200	45.5	Grade I
Kau Lung	3200	45.5	Grade I
Kwai Chung	3000	37	Grade I
Lamma	3200	45.5	Grade I
Sha Chau	4000	54	Grade I
Tai Koo	4000	52.2	Grade I
Tap Mun	3200	45.5	Grade I
Yeung Chau	4000	54	Grade I
<u>Yiu Lian Tug</u> 2497 0655 2497 06	586		
Hai Ba	3200	35	Grade I
Hai Fa	3000	40	Grade I
Hai Le	4000	40	Grade I
Hai Qi	3200	40	Grade I
Hai Shan	2600	35	Grade I
Yiu Lian 18	3200	40	Grade I
Yiu Lian 26	2600	35	Grade I
You Da	3200	40	Grade I
You Fa	3200	40	Grade I
South China Tug 2548 5205			
Guangzhou	3000	38	Grade I
Guilin	3000	38	Grade I
Shanghai	3000	40/39	Grade I
Shantou	3600	50/45	Grade I
Shunde	4000	56	Grade I
Chung Hing Tug 2549 2072 2549 03	395		
Chung Hing No.1 (忠興壹)	2×624	18	Grade II
Wallex 2 (華力二)	2×624	18	Grade II

Location: CCEMENT

China Cement Company (TSK)

Restricted transit period @ Mawan = Current Against >2.5 knots / With >1.5 knots (per current info. supplied by HYDRO office) Time (a) berth (berthing) from URMA; inform Duty Pilot

010 Berthing LOA: Max 168m

Max. 10m (min 10% UKC)

Day light only Time:

Tugs:

Draft:

020

Remarks: Stem to tide for berthing.

011 Unberthing LOA: Max 168m

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

Day light only Time:

Tugs: Remarks:

LOA: Max 183m Berthing

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

Time: Day light only

> Draft>10m Day HW+1 to HW+3 & Day LW-1 to LW+1.5 @

Mawan

2. 1 escort @ Mawan Tugs: if

Draft>10m.

Remarks: 2 pilots. Stem to tide for berthing.

Draft>10m Starboard side to.

021 Unberthing LOA: Max 183m

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

Time: Day light only

Draft>10m subject to current condition @ Mawan Day only

Tugs: 2. 1 escort @ Mawan if

Draft>10m.

Remarks: 2 pilots.

030 Berthing LOA: Max 230m

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

Day HW+1 to HW+3 @ Mawan Time:

3 incl. 1 @ Mawan est. Tugs:

From URMA: 3 incl. 1 escort

from URMA to berth

Remarks: 2 pilots.

Starboard side to.

031 Unberthing LOA: Max 230m

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

Time: Day light only

Draft>10m subject to current condition @ Mawan Day only

2 incl. 1 @ Mawan est.

Tugs:

To URMA: 2 incl. 1 escort from

berth to URMA

Remarks: 2 pilots.

040 Berthing LOA: Max 240m

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

Time: Day HW+1 to HW+1.5 @ Mawan

Tugs: 4 incl. 1 escort from GI + 1 @

Mawan

If Draft≤12m, 3 incl. 1 escort from

GI + 1 @ Mawan

From URMA: 4 incl. 1 escort URMA to berth. If Draft≤12m, 3 incl. 1 escort from URMA to berth

Remarks: 2 pilots. Starboard side to.

041 Unberthing LOA: Max 240m

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

Time: Day HW to HW+2 &

Day LW+1 to LW+3 @ Mawan Draft≤12.5m subject to current condition @ Mawan Day only

Tugs: 2 incl. 1 escort @ Mawan

To URMA: 2 incl. 1 escort from

berth to URMA.

Remarks: 2 pilots.

Berthing Guidelines Pending

Location: CCEMENT China Cement Company (TSK)

LOA \(\leq 230m \): Restricted transit period (a) Ma Wan = Current Against > 2.5 knots / With > 1.5 knots LOA>230m : Restricted transit period @ Ma Wan = Current Against >1.5 knots / With >0.5 knots

(per current info. supplied by HYDRO office)

Transit (a) Ma Wan : Day = (Sunrise - 30mins.) To (Sunset + 30mins.)

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

Time: Day light only Time: Day light only

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

020 Berthing LOA: Max 183m 021 Unberthing LOA: Max 183m Max. 12m (min 10% UKC) Draft: Draft: Max. 12m (min 10% UKC)

Time: Day light only Time: Day light only

> Draft>10m Day HW+1 to HW+3 Draft>10m subject to current

& Day LW-1 to LW+1.5 @ condition @ Mawan Mawan

Tugs: 1 escort @ Mawan if Tugs: 1 escort Mawan if (a)

Draft>10m. Draft>10m.

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

030 LOA: Max 230m 031 Berthing Unberthing LOA: Max 230m Draft: Max. 14m (min 10% UKC) Draft: Max. 14m (min 10% UKC)

Day HW+1 to HW+3 @ Mawan Time: Time: Day light only

Subject to current condition @

Mawan.

If Draft >12.5m day transit only

3 incl. 1 @ Mawan est. Tugs: 2 incl. 1 @ Mawan est. Tugs:

> From URMA: 3 incl. 1 escort To URMA: 2 incl. 1 escort from from URMA to berth

berth to URMA

Remarks: 2 pilots. Remarks: 2 pilots.

Starboard side to.

040 Berthing LOA: Max 240m 041 Unberthing LOA: Max 240m Draft: Max. 14m (min 10% UKC) Max. 14m (min 10% UKC) Draft:

Time: Day HW+1 to HW+1.5 @ Mawan Time: Day HW to HW+2 &

Day LW+1 to LW+3 @ Mawan Tugs: 4 incl. 1 escort from GI + 1 @ Draft≤12.5m subject to current Mawan condition @ Mawan Day only

If Draft≤12m, 3 incl. 1 escort from

Tugs: 2 incl. 1 escort @ Mawan From URMA: 4 incl. 1 escort To URMA: 2 incl. 1 escort from

URMA to berth. If Draft<12m. 3 berth to URMA. incl. 1 escort from URMA to berth

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

GI + 1 @ Mawan

Location: CLPTSK

China light power station (TSK)

Restricted transit period @ Mawan = Current Against >2.5 knots / With >1.5 knots (per current info. supplied by HYDRO office) Time @ berth (berthing) from URMA: inform Duty Pilot

010 Berthing LOA: Max 168m Max. 10m (min 10% UKC) Draft:

Time: Day light only

Tugs:

020

Remarks: Stem to tide for berthing.

011 Unberthing LOA: Max 168m

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

Time: Day light only

Tugs: Remarks:

Berthing LOA: Max 183m

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

Time: Day light only

Draft>10m Day HW+1 to HW+3 & Day LW-1 to LW+1.5 @

Mawan

Tugs: 2. 1 escort @ Mawan if

Draft>10m

Remarks: 2 pilots.

Stem to tide for berthing.

021. Unberthing LOA: Max 183m

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

Time: Day light only

Draft>10m subject to current condition @ Mawan Day only

1 escort Tugs: (a) Mawan if

Draft>10m

Remarks: 2 pilots.

030 Berthing LOA: Max 230m Max. 14m (min 10% UKC) Draft:

Time: Day HW+1 to HW+3 @ Mawan

LOA: Max 230m 031 Unberthing Max. 14m (min 10% UKC) Draft:

Time: Day light only

Draft>10m subject to current

condition @ Mawan Day only

2 incl. 1 @ Mawan est. Tugs: 3 incl. 1 @ Mawan est. Tugs: From URMA: 3 incl. 1 escort

To URMA: 2 incl. 1 escort from

berth to URMA

Remarks: 2 pilots.

from URMA to berth Remarks: 2 pilots.

Starboard side to.

040 Berthing LOA: Max 280m Draft: Max. 16.8m (min 10% UKC) Day HW+1 @ Mawan Time:

1st Jun - 15th Oct : Day HW+0.5

@ Mawan

4 tugs minimum 3000hp each Tugs:

incl. 1 escort from GI + 1 @

Mawan to berth

From URMA: 4 tugs minimum 3000hp each incl. 1 escort from

URMA to berth

Remarks: 2 pilots. Starboard side to.

041 Unberthing LOA: Max 280m Draft: Max. 16.8m (min 10% UKC)

Time: Day HW to HW+2 &

> Day LW+1 to LW+3 @ Mawan Draft≤12.5m subject to current condition @ Mawan Day only

2 incl. 1 escort @ Mawan Tugs:

> To URMA: 2 incl. 1 escort from berth to URMA. If Draft>14m 2 escort from berth to URMA

Remarks: 2 pilots.

Berthing Guidelines Pending

Location: CLPTSK China light power station (TSK)

LOA\(\section 230m\): Restricted transit period (a) Ma Wan = Current Against \(\sime 2.5\) knots / With \(\sime 1.5\) knots LOA\(\sime 230m\): Restricted transit period (a) Ma Wan = Current Against \(\sime 1.5\) knots / With \(\sime 0.5\) knots

(per current info. supplied by HYDRO office)

Transit @ Ma Wan: Day = (Sunrise - 30mins.) To (Sunset + 30mins.)

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

Time: Day light only Time: Day light only

Tugs: 2. Tugs: 2.

Remarks: Stem to tide for berthing. Remarks:

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

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

Time: Day light only Time: Day light only

Draft>10m Day HW+1 to HW+3 Draft>10m subject to current

& Day LW-1 to LW+1.5 @ condition @ Mawan Mawan

Tugs: 2. 1 escort @ Mawan if Tugs: 2. 1 escort @ Mawan if

Draft>10m Draft>10m

Remarks: 2 pilots.

Stem to tide for berthing.

Remarks: 2 pilots.

030 Berthing LOA: Max 230m O31 Unberthing LOA: Max 230m Draft: Max. 14m (min 10% UKC) Draft: Max. 14m (min 10% UKC)

Time: Day HW+1 to HW+3 @ Mawan Time: Day light only

Subject to current condition @

Mawan

If draft >12.5m day transit only

Tugs: 3 incl. 1 @ Mawan est. Tugs: 2 incl. 1 @ Mawan est.

From URMA: 3 incl. 1 escort To URMA: 2 incl. 1 escort from

from URMA to berth berth to URMA

Remarks: 2 pilots. Remarks: 2 pilots.

Starboard side to.

040 **Berthing** LOA: Max 280m **O41 Unberthing** LOA: Max 280m **Draft:** Max. 16.8m (min 10% UKC) **Draft:** Max. 16.8m (min 10% UKC)

Time: Day HW+1 @ Mawan Time: Day HW to HW+2 &

1st Jun − 15th Oct : Day HW+0.5 Day LW+1 to LW+3 @ Mawan @ Mawan Draft≤12.5m subject to current

condition @ Mawan Day only

4 tugs minimum 3000hp each incl. 1 escort from GI + 1 @ escort @ Mawan if Draft >14m

Mawan to berth

From URMA: 4 tugs minimum

To URMA: 2 incl. 1 escort from 3000hp each incl. 1 escort from berth to URMA. If Draft>14m

URMA to berth 2 escort from berth to URMA

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

Tugs:

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

010 **Berthing** LOA: Max 214m 011 **Unberthing** LOA: Max 214m **Draft:** Max. 9.5m (min 10% UKC) **Draft:** Max. 9.5m (min 10% UKC)

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

Tugs: 3 (Thrusters not considered) **Tugs:** 2. If D>8m 3

(Thrusters not considered)

Remarks: No wedge in KC5E. **Remarks:**

 020
 Berthing
 LOA: Max 320m
 021
 Unberthing
 LOA: Max 320m

 Draft:
 Max. 13.8m (min 10% UKC)
 Draft:
 Max. 13.8m (min 10% UKC)

Tugs: 4 (thrusters not considered) **Tugs:** 4 (thrusters not considered)

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

Sufficient F&A clearance. Sufficient F&A clearance.

Subject to any one of the Subject to any one of the executive director's decision.

Subject to any one of the executive director's decision.

Berthing Guidelines Pending

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

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

 Draft:
 Max. 6.0m (min 10% UKC)
 Draft:
 Max. 6.0m (min 10% UKC)

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

Tugs: 2 (Thrusters not considered) **Tugs:** 2 (Thrusters not considered)

Remarks: Remarks:

 020
 Berthing
 LOA: Max 214m
 021
 Unberthing
 LOA: Max 214m

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

Time: 24 hrs. Time: 24 hrs.

Tugs: 3 (Thrusters not considered) **Tugs:** 2. If D>8m 3

(Thrusters not considered)

Remarks: No wedge in KC5E. **Remarks:**

030 **Berthing** LOA: Max 320m 031 **Unberthing** LOA: Max 320m **Draft:** Max. 13.8m (min 10% UKC) **Draft:** Max. 13.8m (min 10% UKC)

Tugs: 4 (thrusters not considered) **Tugs:** 4 (thrusters not considered)

Remarks: 2 pilots. Remarks: 2 pilots.

Sufficient F&A clearance. Sufficient F&A clearance.

Subject to any one of the Subject to any one of the executive director's decision.