

PILOTAGE ADVISORY 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 current operational requirements and information for berthing and unberthing of vessels at the various facilities based on the pilots' practical experience.

Consultation

3. The paper was circulated and endorsed by all Working Group members in March 2005.

Recommendation

4. Members are recommended to endorse the proposed amendments.

*Marine Department
27 April 2005*

Brief Notes on Proposed Amendments to Berthing Guidelines

Item	Description		Amendments	Reason	Implications
1.	Location: HKELECT(N)	Lamma power station NORTH wharf	Add declared depth for channel and berth. Update the maximum draft.	The channel and the berth were dredged to -15.5m CD. Provisional guideline for maximum draft 14.6m has been on trial since February 2004.	Maximum draft for the berth is increased to 14.6m.
2.	Location: HKELECT(S)	Lamma power station SOUTH wharf	Add declared depth for channel and berth. Update the maximum draft.	The channel and the berth were dredged to 15.5m CD. Provisional guideline for maximum draft 14.6m has been on trial since February 2004.	Maximum draft for the berth is increased to 14.6m.
3.	Location: BUOY	Government mooring buoy	Add a general remark “ Vessel of 183m<LOA<245 m intending to carry out under water operation may be permitted by VTC to anchor in the vicinity of Government Mooring Buoy A60 or A62 at Junk Bay subject to special arrangement.”	Reflect current operational needs in Junk Bay.	NIL

4.	Location: JBA	Junk Bay Anchorage	Rename the location code and title as “JBDGA” and “Junk Bay DG Anchorage” respectively.	The specified anchorage in Junk Bay is a DG anchorage. “Junk Bay DG Anchorage” is the appropriate name of the anchorage.	NIL
5.	Location: TMA	Tuen Mun cargo working anchorage	Cancel the berthing guideline.	The anchorage no longer exists.	NIL

Note : Please refer to the attached Item 1-5 for details of the proposed amendment.

Berthing Guidelines

PAC endorsed on 13 February 2004

Location : HKELECT(N)

Lamma power station north wharf

010 Berthing LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

011 Unberthing LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

020 Berthing LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 2
Remarks: Starboard side to.
Day: 1 pilot
Night: 2 pilots

021 Unberthing LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks: Night: Draft >8.5m 2 pilots

030 Berthing LOA: Max 198m
Draft: Max. 11.5m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
D&N HW-0.5 to HW+0.5 when
outerfoul.
Tugs: 3 incl. 2 est.
Remarks: Starboard side to.
Day: 1 pilot
Night: 2 pilots

031 Unberthing LOA: Max 198m
Draft: Max. 11.5m (min 15% UKC)
Time: 24 hours
Tugs: 2. If Draft >9m 3
Remarks: Night: Draft >8.5m 2 pilots

040 Berthing LOA: Max 250m
Draft: Max. 13.89m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
D&N HW-0.5 to HW+0.5 when
outerfoul.
Tugs: 4 incl. 2 est.
Remarks: Starboard side to.
Day: 1 pilot
Night: 2 pilots

041 Unberthing LOA: Max 250m
Draft: Max. 13.89m (min 15% UKC)
Time: 24 hours
Tugs: 3. If Draft >10m 4
Remarks: Day: 1 pilot
Night: 2 pilots

050 Berthing LOA: Max 262m
Draft: Max. 13.89m (min 15% UKC)
Time: D&N HW-0.5 to HW+0.5
Tugs: 4 incl. 2 est.
Remarks: 2 pilots. Starboard side to.
Not exceeding 100,000 DWT.

051 Unberthing LOA: Max 262m
Draft: Max. 13.89m (min 15% UKC)
Time: 24 hours
Tugs: 3. If Draft >10m 4
Remarks: 2 pilots.

Berthing Guidelines*Pending*

Location : HKELECT(N)

Lamma power station NORTH wharf*(Declared Depth for Channel & Berth 15.5m)*

010 **Berthing** LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

011 **Unberthing** LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 2
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

021 **Unberthing** LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks: Night: Draft >8.5m 2 pilots

030 **Berthing** LOA: Max 198m
Draft: Max. 11.5m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
 D&N HW-0.5 to HW+0.5 when
 outerfoul.
Tugs: 3 incl. 2 est.
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

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

040 **Berthing** LOA: Max 250m
Draft: **Max. 14.6m** (min 15% UKC)
Time: D&N HW-0.5 to LW-1
 D&N HW-0.5 to HW+0.5 when
 outerfoul.
Tugs: 4 incl. 2 est.
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

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

050 **Berthing** LOA: Max 262m
Draft: **Max. 14.6m** (min 15% UKC)
Time: D&N HW-0.5 to HW+0.5
Tugs: 4 incl. 2 est.
Remarks: 2 pilots. Starboard side to.
 Not exceeding 100,000 DWT.

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

Berthing Guidelines

PAC endorse on 13 February 2004

Location : HKELECT(S)

Lamma power station south wharf

010 **Berthing** LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

011 **Unberthing** LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 2
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

021 **Unberthing** LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks: Night: Draft >8.5m 2 pilots

030 **Berthing** LOA: Max 198m
Draft: Max. 11.5m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 3 incl. 2 est.
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

031 **Unberthing** LOA: Max 198m
Draft: Max. 11.5m (min 15% UKC)
Time: 24 hours
Tugs: 2. If Draft >9m 3
Remarks: Night: Draft >8.5m 2 pilot

040 **Berthing** LOA: Max 250m
Draft: Max. 13.89m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 4 incl. 2 est.
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

041 **Unberthing** LOA: Max 250m
Draft: Max. 13.89m (min 15% UKC)
Time: 24 hours
Tugs: 3. If Draft >10m 4
Remarks: Day: 1 pilot
 Night: 2 pilots

050 **Berthing** LOA: Max 262m
Draft: Max. 13.89m (min 15% UKC)
Time: D&N HW-0.5 to HW+0.5
Tugs: 4 incl. 2 est.
Remarks: 2 pilots. Starboard side to.
 Not exceeding 100,000 DWT.

051 **Unberthing** LOA: Max 262m
Draft: Max. 13.89m (min 15% UKC)
Time: 24 hours
Tugs: 3. If Draft >10m 4
Remarks: 2 pilots.

Berthing Guidelines*Pending*

Location : HKELECT(S)

Lamma power station SOUTH wharf*(Declared Depth for Channel & Berth 15.5m)*

010 **Berthing** LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

011 **Unberthing** LOA: Max 153m
Draft: Max. 9.5m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks:

020 **Berthing** LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 2
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

021 **Unberthing** LOA: Max 172m
Draft: Max. 10.66m (min 15% UKC)
Time: 24 hours
Tugs: 2
Remarks: Night: Draft >8.5m 2 pilots

030 **Berthing** LOA: Max 198m
Draft: Max. 11.5m (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 3 incl. 2 est.
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

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

040 **Berthing** LOA: Max 250m
Draft: Max. **14.6m** (min 15% UKC)
Time: D&N HW-0.5 to LW-1
Tugs: 4 incl. 2 est.
Remarks: Starboard side to.
 Day: 1 pilot
 Night: 2 pilots

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

050 **Berthing** LOA: Max 262m
Draft: Max. **14.6m** (min 15% UKC)
Time: D&N HW-0.5 to HW+0.5
Tugs: 4 incl. 2 est.
Remarks: 2 pilots. Starboard side to.
 Not exceeding 100,000 DWT.

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

Berthing Guidelines

PAC endorsed on 17 January 2003

Location : BUOY

Government mooring buoy

010	Berthing	LOA: Max 183m	011	Unberthing	LOA: Max 183m
Draft:	Subject to individual buoy's draft (min 10% UKC)		Draft:	Subject to individual buoy's draft (min 10% UKC)	
Time:	24 hrs.		Time:	24 hrs.	
Tugs:	See remarks		Tugs:	See remarks	
Remarks:			Remarks:		

1. Draft refer to depth of the buoy.
2. Additional tugs may be required if adverse weather or high waves prevail.
3. Mooring and/or unmooring operations may be suspended if the pilots consider such operations to be dangerous.
4. If mooring and/or unmooring operations are suspended, every effort will be made to unmoor departing vessels before services are suspended.
5. 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.

For buoys North of GI (**on trial**):

A46 – Mooring: At daylight – unrestricted

At night – slack water only

Unmooring: 24 hours

Berthing Guidelines*Pending*

Location : BUOY

Government mooring buoy

010	Berthing	LOA: Max 183m	011	Unberthing	LOA: Max 183m
Draft:	Subject to the depth underneath individual buoy (min 10% UKC)		Draft:	Subject to the depth underneath individual buoy (min 10% UKC)	
Time:	24 hrs.		Time:	24 hrs.	
Tugs:	See General Remarks		Tugs:	See General Remarks	
Remarks:			Remarks:		

General Remarks:

1. Additional tugs may be required if adverse weather or high waves prevail.
2. Mooring and/or unmooring operations may be suspended if the pilots consider such operations to be dangerous.
3. If mooring and/or unmooring operations are suspended, every effort will be made to unmoor departing vessels before services are suspended.
4. Additional requirements:
 - For all buoys if:
 - D>9.15m 1 tug at the buoy.
 - D>9.7m HW slack only.
 - D>10m 1 tug escort at the GI.
 - L>183m 1 tug at the buoy.
 - For buoys North of GI:
 - A46 – Mooring: At daylight – unrestricted
At night – slack water only
 - Unmooring: 24 hours
5. Vessel of 183m<LOA<245m intending to carry out underwater operation may be permitted by VTC to anchor in the vicinity of Government Mooring Buoy A60 or A62 at Junk Bay subject to special arrangement.

Berthing Guidelines

PAC endorsed on 7 July 1999

Location : JBA

Junk Bay anchorage

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

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

Time: 24 hrs.

Tugs: 1 if D>10m

Remarks: Approved by VTC.

Vessels 183-245m intended to
have underwater operation
subject to special arrangement.

011 **From** LOA: Max 183m

anchorage

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

Time: 24 hrs.

Tugs: 1 if D>10m

Remarks:

Berthing Guidelines*Pending*

Location : JBDGA

Junk Bay DG anchorage010 **To anchorage** LOA:183m**Draft:** Max. 11m (min 10% UKC)**Time:** 24 hrs.**Tugs:** 1 if D>10m**Remarks:**011 **From** LOA:183m**anchorage****Draft:** Max. 11m (min 10% UKC)**Time:** 24 hrs.**Tugs:** 1 if D>10m**Remarks:**

Berthing Guidelines

PAC endorsed on 7 July 1999

Location : TMA

Tuen Mun cargo working anchorage

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

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

Time: 24 hrs.

Tugs:

Remarks:

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

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

Time: 24 hrs.

Tugs:

Remarks:

Cancellation