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.

Background

2. The proposed amendments are required to reflect the updated information in the Berthing Guidelines. Please see details in Annex 1.

Consultation

3. The proposed amendments were circulated and endorsed by the PAC Working Group on 2 April 2002.

Recommendation

4. Members are recommended to endorse the proposed amendments.

Presentation

5. The paper will be presented by Mr. C. N. Chung of Marine Department.

Vessel Traffic Services Branch Marine Department April 2002

Item	Chapter	Heading	Proposed Amendment
1	1	Index	Update of Index
2	5	List of Important Telephone Numbers	
3	6	Tugs Information	Update of Tugs' information
4	8	Berth/Wharf/Terminal Information	Update of Berth's telephone list
5	9	Typhoon Procedure	Update of telephone list
6	10	Miscellaneous	Update locations displaying
			Tropical cyclone and Monsoon
			signal stations. Update Naval
	_		Anchorage's information
7	11	Government Mooring Buoys	Update Government Mooring
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8	12	Berthing Guidelines - Index	Update Index page
)	12	Berthing Guidelines -	Update berthing/unberthing
		Government mooring buoy	window for buoys North of GI.
10	12	Berthing Guidelines – Kwai	Delete F&A clearance remark
<u>-</u>		Chung berth 6-7 outer foul	
1	12	Berthing Guidelines - Kwai	Delete F&A clearance remark
		Chung berth 9-14	
2	12	Berthing Guidelines - River	Add "no outer-foul" to Remarks
		Trade Terminal No.2 Berth	
3	13	Amendment Log Sheet	Add records since 2000

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Briefing Notes on Proposed Amendments to Berthing Guidelines

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Berthing Guidelines

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YOD	Yam O Floating dock	78
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LIST OF IMPORTANT TELEPHONE NUMBERS

t.	Marine department <u>Vessel traffic center (VTC)</u> VTC Control Room VTC Duty Marine Officer VTC (Fax) VTC (Telex) Senior Marine Officer		2858 2107 2858 2163 2858 6646 63607 MDVTS HX 2852 4539	
	Marine Officer		2852 4545	2858 4747
	Kwai Chung Control Station (KCC	<u>. (15)</u>	2743 6043	2743 8296
	Mawan Control Station (MWCS)		2491 4292	
	Government dockyard		· • · · •	
	Senior Fleet Manager		2307 3614	
	Dockyard Ops, Manager		2307 3615	
	Soonjala ops, managor		2307 3013	
2.	Emergency	999		
	Fire services department Marine & Offshore Island Office		2534 7250	
	Police force			
	Marine Police Duty Control Room		2803 6267	
3.	Hong Kong observatory			
	Centre forecast office		2368 1944	
	Port meteorological office		2926 3113	
	· · · · · · · · · · · · · · · · · · ·		2720 3113	-
4.	Immigration department		-	·
	Hong Kong		2543 1958 ·	
	Tuen Mun Anchorage office (TML	A)	2180 8966	
5.	Port health department			
	Port Health office		2543 1702	
	Duty Port Health officer		9016 8988	

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TUGS INFORMATION

Name		HP.	B. pull (tonnes)	Remarks
Hong Kong Tug	2427 7477		********************	************
Chek Chau		4000 <	55 .	Grade I
Heing Kong		3000	37	Grade I
Kwai Chung		3000	37	Grade I
Lam Tong		3200	43 -	Grade I
Peng Chau		4000	55.	Grade I
Sha Tin		3000	37	Grade I
Taikoo		4000	53	Grade I
Tai Tam		2600	35	Grade I
Tap Mun		2600 *	35	Grade I
Ting Kau		3000	37	Grade I
Tolo	_	3000	37	Grade I
Tsing Yi		3000	37	Grade I
Tung Lung	-	3200	43	Grade I
Wagian		2600	35	Grade I
fn Lian Tug	2497 0655	2497 0686		
Hai Ba		3200	35	Grade I
Hai Fa		3000	40	Grade I
Hai Qi		3200	40	Grade I
Hai Shan		2600	35	Grade I
Yiu Lian 18		3200	40	Grade I
Yn Lian 26		2600	35	Grade I
You Da		3200	40	Grade I
You Fa		3200	40	Grade I
outh 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
Shanwei		3200	40 .	Grade I
Shenyang	•	3000	38.4/34.9	Grade I
Jung Hing Tug	- 2549 2072	2549 0395	•	
Chung Hing I	No.1 (忠興壹)	2 × 624	18	Grade II
Wallex 2 (🗰		2 × 624	18	Grade II

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BERTH /WHARF/TERMINAL INFORMATION

BERTH	Draft(m)	LOA(m)	Direction	Length	Telephone No.
CALTEX	12.6	235	162/342	90	2431 2410
CALTEX-5	3.2	80	035/215	80	2431 2410
CALTEX-6A	7.3	110	055/235	50	2431 2410
CALTEX-LPG	6.5	114	072/252	95	2431 2410
CCEMENT	14.0	240	112/292	270	2440 5111 2440 5233
CFT	7.0	153	078/258	270	2738 2906
CLPTSK	16.8	275	134/314	545	2404 8402
CMKEN-N	9.5	156	070/250	170	2816 8118 day
CMKEN-S	7.0	120	070/250	140	2816 8118 day
CRC-A	14.0	250	086/266	280	2431 3090
CRC-B	7.5	120	086/266	129	2431 3090
CRC-C	- 6.5	90	086/266	115	2431 3090
CRC-CW	5.0	65	172/352	70	2558 8341
CRC3-TY	7.5	120	124/304	>150	2431 3090
ESSO	14.63	274	098/278	255	2495 0115 2497 0229
ESSO-E	7.0	80	082/262	40	2495 0115 2495 0440
ESSO-EL	5.5	107 ·	098/278	30	2497 0229
EUROASIA	8.0	300	020/200	510	2436 8220
FCEMENT	9.75	168	057/237	170	2150 0220
HKELECT	13.89	262	170/350	290	2982 6270 9423 6670
HUDSW dist. from f/			008/188	250	2495 1211
KC 1-2	12.2	350	163/343	305	2428 8934
KC 3	12.2	350	163/343	305	2489 4745
KC4	12.2	350	163/343	305	2619 7792
KC 5	12.2	350	073/253	457	2428 8934
KC 6-7	12.2	350	073/253	564	2619 7792
KC 8	12.2	350	163/343	380	2619 7792
KC 9	13.8	350	163/343	450	2619 7792
KC 10	13.8	350	073/253	700	2619 7792
KC 11	13.8	350	073/253	338 *	2991 8022
KC 12	13.8	350	073/253	338	2991 8022
KC 13	13.8	350	073/253	338	2115 4211
KC 14	13.8	350	073/253	338	- 2115 4211
LOP	8.0	122	089/269	125	2618 0192
MFT	5.0	120	104/284	220	2547 4039
MOBIL	14.6	250	089/269	267	2436 7507 2436 7533
MOBIL-E	7.5	107	089/269	41	2436 7507 2436 7533
O/T North	8.0	230	078/258	340	2118 8951
O/T South	10.67	290	078/258	381	2118 8951
RTT-1	8.5	175	116/296	200	2122 7878
RTT-2	8.5	150	026/206	250	2122 7878
SHACHAU	7.0	120	163/343	152	2613 9127 2988 6161
SHELL	14.5	245	150/330	226	2432 8704
SHELL-LPG	8.0	135	150/330	118	2432 8704
SHELL #IE&W	6.5	100	008/188	80	2432 8704
SHELL #2&3E&W	6.5	90	008/188	75	2432 8704
SWSTL	11.5	200	125/305	215	2618 8761
TPGAS	11.0	198	120/300	300	2666 2106
YUENFAT	6.7	153	040/220	171	
			+ · · · · · · · · · · · · · · · · · · ·		

Chapter: 9 TYPHOON PROCEDURE

When Tropical cyclone signal No.1 is hoisted

- Give warning to tanker at Tolo harbour Town Gas wharf, remind the agent that tugs 1. will required at least 5 hours notice & the danger of pilot boarding station is exposed to weather,
- Give warning to vessel at TSK Power Station, TSK CCC and Lamma Power Station. 2.
- 3. Give warning to vessel at Sok Kwu Wan cement wharf and remind the agent that shifting during the night is of high risk due to the darkness at site.
- Give warning to all tankers at tanker berths. 4.

When Typhoon signal No.3 is hoisted

Pilot office should ensure:

- Tankers at all berths (including Tolo) should clear berth as soon as possible. 1.
- 2. Bulkers at TSK PST & TSK CCC should clear berth as soon as possible.
- 3. Bulkers at Lamma PST & Sok Kwu Wan should clear berth as soon as possible.
- 4. Vessels not moored at a classified typhoon buoy or oversized vessels should clear mooring buoy as soon as possible.

If typhoon signal No.8 is likely to be hoisted or the wind speed or wave height is likely to exceed the acceptable limit try to give at lease TWO hours warning to all shipping through MARDEP before pilotage service is suspended. (REMEMBER tugs may be used for pilot transportation if pilot boats may not be operated in heavy sea.)

All repair ships at shipyards should be advised to clear docks as soon as possible especially for those vessels requiring towage to the buoy.

Avoid the acceptance of any order for ships in bound to buoy at night when typhoon signal No.3 is hoisted unless the prevailing condition is favourable.

Pilotage suspension

Guideline for pilotage service may be suspended: -

 ★ Sustained wind speed ★ Wave height 	over 33 knots over 1.5 metres
Other useful information	
MARDEP VTC Duty MO	2858 2163 2858 2107
MADDEDIZEC	

MARDEP VTC MARDEP VTC Hong Kong Observatory (FAX) 2858 6646 (TELEX) 63607 MDVTS HX 2926 8477 2926 8478 inquiry on public weather

Berthing Guidelines

MISCELLANEOUS

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Replaced

by "ZA1 ZA2 ZB1 ZB2"

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Locations displaying Tropical cyclone and Monsoon signal stations

1. Aberdeen Marine Lie	meing Office	Tel: 2873-8362	2554 6212	, ,
2. Cheung Chau Meteore	logical Station	2981 1041		Delete
3. Lau Fau Shan Police Station		2472 1241	2472 7213	
4. Sha Tau Kok Police St		2674 8600	/ 2.0	
5. Sha Tau Kok Sewage	Freatment Works	2674 8644		
6. Tai Lam Small Boat U	nit Headquarters	2452 9254		
Width of Fairway		•		
Eastern Fairway	412m	<u> </u>		<u> </u>
Hung Hom Fairway	370m	X		
Central Fairway	370m			
Northern Fairway	305m			
Southern Fairway	220m			
Sulphur Channel	280m			
North Green Island Fairway	244m Repla	aced by	<u></u>	
•	/ "Moo	ring Buoys"	Delete].
Naval Anchorage				
Bearing & Distance (CI Swing Ra	dina A Las	ation	,
1. 1 128° x 3:13 mila	500metr		tiden	_
139° x 3.00 mile	500metr		1149.04 42E	
3. 136° x 3.68miler	320metr		114 ⁰ .02.71E	}
1. 138° x 3.42milea	320mete		114 ⁰ 04 09E	
Pilot Station				
				-
Name	Loc	ation		
. Tathong Channel	22° 16.0N	114° 15.7E	Replaced by	
. Urmston Road (TSK)	22° 23.5N	113° 53.5E	•	114° 08.45'E
. Chik Chau	22° 29.6N	114° 19.7E	22° 18.44' N	
. Ngan Chau	22° 13.0N	114° 09.7E		
. West Lamma	22° 12.0N	114° 05.3E	22° 18.80'N	
ther Useful Location		_	22° 18.61'N	114° 08.19'E
Name		ation		
Ngan Chau	22° 13.0N	114° 11.0E		
. Shek Kok Tsui	22° 14.2N	114° 06.1E		
. Waglan	22° 11.0N	114° 18.0E		
. Yuen Kok	22° 11.0N	114° 08.8E		
SW Lamma Island	22° 10.0N	114° 06.0E		
Tuen Mun Anchorage	22° 21.3N 22° 21.3N	113° 59.2E 113° 58.4E 113° 58.4E		
	22°21.7N	113° 58.4E		

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Berthing Guidelines (Proposed to MC for endersoment)

Chapter: 11	hapter: 11 GOVERNMENT MOORING BUOYS				(Proposed to PAC)		
BUOY	LOA	Draft	BUOY	LOA	Draft		
'A' Buoys:							
A06	183	6.4	A39*	183	7.4		
A08	183	7.8	A41*	183	10.2		
A09	183	7.4	A43•	183	9.0		
A10	183	8.8	A45*	183	10.9		
A11	183	8.5	A46*	183	10.8		
A12	183	8.8	A60	183	7.8		
A13	183	7.2	A62	198	10.2		
A14	183	8.4	A70	170	9.7		
A15	180	7.9	A71	183	8.8		
A17*	183	8.5	A72	183	8.8		
A18 \	183	7.0	A73	183	9.5		
A19	183	6.7	A74	183	9.0		
A29*	160	9.0	A76	170	9.1		
A35*	160	9.5	A77	183	9.1		
A36	160	8.1	A78	183	9.5		
A38	183	6.4					
'B' Buoys:							
B01	120	4.8	B19	137	6.1		
B02*	137	6.4	B20	137	7.2		
B03*	137	6.7	B21	137	6.8		
B04*	137	9.1	B22	137	5.9		
B05	137	7.5	B23	137	6.0		
B06	137	9.0	B24	137	5.0		
BI1	137	7.0	B25	110	5.7		
B12	137	7.3	B26	137	9.3		
B13	137	6.6	B27	137	5.3		
B 14	137	6.8	B28	137	6.2		
B15	137	7.0	B29	137	8.1		
B16	137	5.9	B30	137	8.5		
B17	137	6.6	B31	137	9.3		
B18	137	4.8			2.0		
Remarks:			* = Classific	d as Non ty	phoon mooring buoy		
Keinarks:			'A' buoy	'B' b u	юу		
Nor	nai weather	max. length	183m	138r	·····		
	oon class n	-	183m	1131			
	ging radius		214m	1681			
	link diame		146mm	1460			
			- TVILLIS	1-04			
			s subject to change a		. Agents/Operators are		
			14 of 81				

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Location : BUOY

Government mooring buoy

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

L>183m 1 tug at the buoy.

For buoys North of GI (on trial):

A41, A45, A46 - Mooring: At day light - unrestricted

At night - Slack water only

Unmooring: 24 Hrs.

Kwai Chung berth 6-7 outer-foul

Location : KC6-7/O-F		Kwai Chung berth 6-7 outer-foul		
010	Berthing	LOA: Max 250m	011	Unberthing LOA: Max 250m
Draft:	Max. 12.2 UKC)	m (min 10%	Draft:	Max. 12.2m (min 10% UKC)
Time:	24 hrs.		Time:	24 hrs.
Tugs:	2		Tugs:	2
Remarks:		N,	Remarks:	•

020	Berthing LOA: Max 290m	021	Unberthing LOA: Max 290m
Draft:	Max. 12.2m (min 10% UKC)	Draft:	Max. 12.2m (min 10% UKC)
Time:	24 hrs.	Time:	24 hrs.
Tugs:	3	Tugs:	2
No stern in. 25m F&A- oloarance, Remarks: Full length of opposite berth must be clear.		Remarks	:

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Kwai Chung berth 9-14

	•	er ar cuit	mg octui	9-14		
Location : KC9-14			Kwai Chung berth 9-14			
010	Berthing	LOA: Max 130m	011	Unberthing LOA: Max 130m		
Draft:	Max. 13.8 UKC)	m (min 10%	Draft:	Max. 13.8m (min 10%) UKC)		
Time:	24 hrs.		Time:	24 hrs.		
Tugs:	1. If D>8m	12	Tugs:	1. If no anchor down 2		
Remarks	. Ro-Ro ves adverse we	sel 2 tugs if ather.	Remarks			
020		LOA: Max 230m	021	Unberthing LOA: Max 230m		
Draft:	Max. 13.8r UKC)	n (min 10%	Draft:	Max. 13.8m (min 10% UKC)		
Time:	24 hrs.		Time:	24 hrs.		
Tugs:	2		Tugs:	2		
Remarks	1		Remarks:	{		
030	Berthing	LOA: Max 270m	031	Unberthing LOA: Max 270m		
Draft:	Max. 13.8п UKC)	n (min 10%	Draft: ·	Max. 13.8m (min 10% UKC)		
Time:	24 hrs.		Time:	24 hrs.		
Tugs:	2 incl. 1 GI bow thruste 1 if bow & : thrusters fit	r. stern	Tugs:	2. 1 if bow & stern thrusters fitted.		
Remarks:			Remarks:			
040	Berthing	LOA: Max 350m	041	Unberthing LOA: Max 350m		
Draft:	Max. 13.8m UKC)	(min 10%	Draft:	Max. 13.8m (min 10% UKC)		
Time:	24 hrs.		Time:	24 hrs.		
Tugs:	3 incl. 1 GI bow thruster 1 if bow & s thrusters fitte	: tem	Tugs:	2.1 if bow & stern thrusters fitted		
Remarks:	L>230m ster	m in 3 tugs. eerence:	Remarks:	35m F&A elearance.		
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2001/12/18

November 2001

Location: RTT-2

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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. 021UnberthingLOA: Max 150mDraft:Max. 8.5m (min 10% UKC)Time:24 hrs.Tugs:2Remarks:No outer-foul.

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Amendments which were endorsed by PAC after July 1999;

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Location: SHACHAU	57 of 81	57 of 81	23 Feb. 2001	
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Location: HKELECT(S)		34b	4 Dec. 2001 Pending	
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