

CONTROLLING OFFICER'S REPLY

(Question Serial No. 0973)

Head: (100) Marine Department
Subhead (No. & title): (-) Not Specified
Programme: (3) Local Services
Controlling Officer: Director of Marine (Mr S.F. WONG)
Director of Bureau: Secretary for Transport and Logistics

Question:

Regarding the berthing and sheltered spaces for local vessels, please advise on:

- (a) the size of the 14 typhoon shelters and sheltered anchorages in Hong Kong and the area of typhoon shelters with permitted length overall of 30.4 metres (m), 50m and 75m respectively over the past 3 years (2021-22 to 2023-24);
- (b) the respective numbers of fishing vessels, pleasure vessels, cargo vessels, dwelling vessels and vessels of other categories berthing at the 14 typhoon shelters and sheltered anchorages in Hong Kong over the past 3 years (2021-22 to 2023-24);
- (c) the average occupancy, the highest and lowest occupancy rates or relevant data of typhoon shelters (please provide information on each individual typhoon shelter and typhoon shelters with permitted length overall of 30.4m, 50m and 75m) and sheltered anchorages for each month over the past 3 years (2021-22 to 2023-24);
- (d) the expenditures on, staffing for and progress of the relevant work conducted by the Government on the berthing and sheltered spaces for local vessels over the past 3 years (2021-22 to 2023-24); and
- (e) the respective numbers of "overlength endorsement" applications approved by the Government for the 14 typhoon shelters in Hong Kong for each month over the past 3 years (2021-22 to 2023-24).

Asked by: Hon HO Chun-yin, Steven (LegCo internal reference no.: 26)

Reply:

- (a) In 2021, the areas of typhoon shelters with vessels' permitted length overall not exceeding 30.4m, 50m and 75m were 109.5 hectares (ha), 232.9 ha and 76.6 ha respectively, giving a total area of 419 ha for the 14 gazetted typhoon shelters. In 2022, the areas of typhoon shelters with vessels' permitted length overall not exceeding 30.4m, 50m and 75m were 113.1 ha, 232.9 ha and 76.6 ha respectively, giving a total area of

422.6 ha for the 14 gazetted typhoon shelters (the increase in area was due to the reinstatement of 3.6 ha in the Causeway Bay Typhoon Shelter upon completion of the Central-Wanchai Bypass and Island Eastern Corridor link project in 2022). In 2023, the areas of typhoon shelters with vessels' permitted length overall not exceeding 30.4m, 50m and 75m were 113.1 ha, 232.9 ha and 75.6 ha respectively, giving a total area of 421.6 ha for the 14 gazetted typhoon shelters (the decrease in area was due to the installation of concrete pontoon floating barriers at the Hei Ling Chau Typhoon Shelter (HLCTS) in 2023, which occupied about 1 ha of berthing area). As for sheltered anchorages, the total area was 178.8 ha in 2021 and 2022. In 2023, the total area was 182.2 ha (the increase in area was due to the addition of Tseung Kwan O Sheltered Anchorage, which provided 3.4 ha of berthing area).

- (b) All local vessels, other than certain exceptions such as vessels carrying dangerous goods and vessels exceeding the permitted length of respective typhoon shelters, may enter and remain in any typhoon shelters at any time. There were 3 dwelling vessels moored at the Causeway Bay Typhoon Shelter from 2021 to 2023. The Marine Department (MD) does not keep track of the numbers or types of local vessels moored in each typhoon shelter and sheltered anchorage.
- (c) MD does not maintain records of occupancy of typhoon shelters and sheltered anchorages in normal days, but keeps track of the highest occupancy of each typhoon shelter during typhoons to ensure that vessels' demand for sheltered spaces during inclement weather could be met. The highest occupancy of typhoon shelters by class of vessels during typhoons is set out at **Annex A**.
- (d) With a view to enhancing the utilisation of the existing sheltered spaces, MD is taking forward relevant work on the berthing and sheltered spaces for local vessels. Specifically, MD has set up a new private mooring area in the HLCTS and expanded the private mooring area in Sai Kung. As of February 2024, we have granted a total of 139 permissions for laying private moorings in the HLCTS, with 24 private moorings already laid. As for the expanded private mooring area in Sai Kung, we have granted 84 permissions with 65 private moorings already laid. In addition, MD has designated 3 berthing areas for different classes of vessels within the Aberdeen West Typhoon Shelter (AWTS) through administrative means, namely Areas A and C for Class III local vessels and Area B for Classes I, II and III local vessels (i.e. except pleasure vessels). MD will continue to monitor the situation and conduct regular patrols at the AWTS to ensure safe and orderly berthing of vessels.

The implementation of the above measures forms part of the normal duties of the staff concerned and is undertaken with existing resources. There is no separate breakdown on the manpower and expenditure involved.

- (e) The number of permits issued by MD for over-length vessels to enter the 14 typhoon shelters in 2021, 2022 and 2023 are set out at **Annex B**.

Annex A

Table I – Numbers and Types of Vessels Observed in Typhoon Shelters (TS) in 2021
(The figures in the table refer to the highest occupancy of each typhoon shelter)

	<u>Class I</u>			<u>Class II</u>						<u>Class III</u>		<u>Class IV</u> Pleasure Vessel	River Trade Vessel	Gov't Launch	Total	%*
	Ferry	Launch	Others	Dumb Steel Lighter	Cargo Vessel	Tug	Dangerous Goods Carrier	Stationary Vessel	Others	Fishing Vessel	P4 Sampan					
Aberdeen TS# ₁	7	35	20	2	26	2	0	87	50	425	0	668	0	12	1334	64%
Causeway Bay TS ₁	0	20	0	0	0	0	0	3	21	56	0	237	0	0	337	57%
Cheung Chau TS ₂	1	6	0	0	4	4	0	6	11	142	38	53	0	1	266	49%
Hei Ling Chau TS ₃	1	1	0	22	0	4	0	0	4	0	0	5	0	2	39	27%
Kwun Tong TS ₂	2	2	0	10	0	0	0	0	24	3	0	219	0	4	264	76%
New Yau Ma Tei TS ₂	14	35	0	187	20	52	0	1	29	28	0	150	27	7	550	100%
Rambler Channel TS ₂	0	0	0	23	0	16	0	0	3	25	0	35	36	1	139	100%
Sam Ka Tsuen TS ₁	0	3	0	0	0	0	0	2	8	44	0	80	0	0	137	49%
Shaukeiwan TS ₁	6	16	0	0	5	7	0	23	31	270	0	180	0	1	539	90%
Shuen Wan TS ₁	0	4	0	0	0	0	0	0	5	31	24	87	0	6	157	46%
To Kwa Wan TS ₂	2	8	0	74	0	23	0	0	15	0	0	7	0	0	129	94%
Tuen Mun TS ₂	0	38	0	40	10	33	0	4	69	205	0	72	9	10	490	96%
Yim Tin Tsai TS ₁	0	0	0	0	0	0	0	0	0	0	0	21	0	0	21	7%

Note: *The % refers to the highest percentage of occupancy of each typhoon shelter

#Aberdeen South Typhoon Shelter and Aberdeen West Typhoon Shelter

Permitted length: ₁ – 30.4 metres, ₂ – 50 metres, ₃ – 75 metres

Table II – Numbers and Types of Vessels Observed in Typhoon Shelters (TS) in 2022
(The figures in the table refer to the highest occupancy of each typhoon shelter)

	<u>Class I</u>			<u>Class II</u>						<u>Class III</u>		<u>Class IV</u> Pleasure Vessel	River Trade Vessel	Gov't Launch	Total	%*
	Ferry	Launch	Others	Dumb Steel Lighter	Cargo Vessel	Tug	Dangerous Goods Carrier	Stationary Vessel	Others	Fishing Vessel	P4 Sampan					
Aberdeen TS# ₁	7	31	16	3	26	2	0	88	53	406	0	678	0	12	1322	61%
Causeway Bay TS ₁	0	37	0	0	0	0	0	3	26	84	0	199	0	0	349	53%
Cheung Chau TS ₂	4	6	0	0	5	4	0	5	12	133	40	59	0	1	269	43%
Hei Ling Chau TS ₃	1	0	0	35	0	7	0	0	8	2	0	8	2	1	64	18%
Kwun Tong TS ₂	2	6	0	16	0	0	0	0	26	1	0	255	0	4	310	90%
New Yau Ma Tei TS ₂	13	35	0	192	20	34	0	1	37	30	0	151	27	5	545	100%
Rambler Channel TS ₂	0	0	0	18	1	11	0	0	1	10	0	35	51	2	129	100%
Sam Ka Tsuen TS ₁	0	5	0	0	0	0	0	2	9	28	0	27	0	0	71	51%
Shaukeiwan TS ₁	9	8	0	0	8	2	0	23	35	304	0	168	0	1	558	93%
Shuen Wan TS ₁	0	10	0	1	0	0	0	0	3	59	28	143	0	7	251	76%
To Kwa Wan TS ₂	2	6	0	78	0	15	0	0	12	0	0	6	0	0	119	93%
Tuen Mun TS ₂	0	42	0	85	10	46	0	4	63	185	0	62	14	15	526	100%
Yim Tin Tsai TS ₁	0	0	0	0	0	0	0	0	0	2	0	13	0	2	17	6%

Note: *The % refers to the highest percentage of occupancy of each typhoon shelter
#Aberdeen South Typhoon Shelter and Aberdeen West Typhoon Shelter
Permitted length: ₁ – 30.4 metres, ₂ – 50 metres, ₃ – 75 metres

Table III – Numbers and Types of Vessels Observed in Typhoon Shelters (TS) in 2023
(The figures in the table refer to the highest occupancy of each typhoon shelter)

	<u>Class I</u>			<u>Class II</u>						<u>Class III</u>		<u>Class IV</u>	River Trade Vessel	Gov't Launch	Total	%*
	Ferry	Launch	Others	Dumb Steel Lighter	Cargo Vessel	Tug	Dangerous Goods Carrier	Stationary Vessel	Others	Fishing Vessel	P4 Sampan	Pleasure Vessel				
Aberdeen TS# ₁	7	30	16	4	29	3	0	88	52	390	0	697	0	12	1328	60%
Causeway Bay TS ₁	0	30	0	0	0	0	0	3	30	80	0	205	0	0	348	58%
Cheung Chau TS ₂	1	7	0	0	6	3	0	5	17	97	32	74	0	3	245	41%
Hei Ling Chau TS ₃	0	0	0	30	0	2	0	0	5	0	0	3	0	1	41	21%
Kwun Tong TS ₂	3	5	0	15	0	0	0	0	26	0	0	261	0	4	314	90%
New Yau Ma Tei TS ₂	8	30	0	177	26	37	0	1	24	19	0	134	25	4	485	91%
Rambler Channel TS ₂	0	0	0	5	0	10	0	0	4	20	0	22	50	1	112	85%
Sam Ka Tsuen TS ₁	0	5	0	0	0	0	0	2	7	36	0	42	0	0	92	58%
Shaukeiwan TS ₁	9	8	0	0	8	2	0	23	50	261	0	146	0	2	509	85%
Shuen Wan TS ₁	3	0	0	0	0	0	0	0	2	44	45	154	0	9	257	80%
To Kwa Wan TS ₂	2	6	0	80	0	18	0	0	11	0	0	6	0	1	124	92%
Tuen Mun TS ₂	0	42	0	86	4	21	5	4	49	123	0	80	13	12	439	88%
Yim Tin Tsai TS ₁	0	0	0	0	0	0	0	0	0	0	0	15	0	0	15	3%

Note: *The % refers to the highest percentage of occupancy of each typhoon shelter
#Aberdeen South Typhoon Shelter and Aberdeen West Typhoon Shelter
Permitted length: ₁ – 30.4 metres, ₂ – 50 metres, ₃ – 75 metres

**Number of Permits Issued for Over-length Vessels to Enter 14 Typhoon Shelters from
2021 to 2023**

Year	Number of Permits Issued for Over-length Vessels											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2021	44	64	51	39	55	39	38	29	35	32	30	38
2022	65	46	52	41	98	48	30	34	26	25	28	30
2023	58	40	38	45	74	54	41	43	39	41	38	37

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