

CONTROLLING OFFICER'S REPLY

(Question Serial No. 1569)

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

Question:

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

1. What were the supply of private moorings and the utilisation by different classes of vessels in each typhoon shelter in the past 3 years?
2. In 2023-24, the Marine Department (MD) will continue to follow up on the recommendations of the review on berthing and sheltered space for local vessels in Hong Kong. What are the manpower and estimated expenditure involved in the work plan?
3. What are the measures in place to cope with the demand of newly increased vessels for berthing spaces at typhoon shelters (in particular berthing spaces near the urban areas), including whether there will be expansion of the size and capacity as well as introduction of other enhancement measures for the existing typhoon shelters, or construction of additional typhoon shelters? If yes, what are the details? If not, what are the reasons?

Asked by: Hon QUAT Elizabeth (LegCo internal reference no.: 32)

Reply:

1. MD does not maintain records of occupancy of typhoon shelters 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 at **Annex**.

- 2 & 3. To follow up on the recommendations of the “Review on Berthing and Sheltered Space for Local Vessels in Hong Kong”, MD will continue to facilitate the use of the new private mooring area in Hei Ling Chau Typhoon Shelter.

As one of the key projects under the Invigorating Island South (IIS) initiative, the Civil Engineering and Development Department commenced in April 2022 a consultancy on investigation, design and construction for the expansion of Aberdeen Typhoon Shelter to address the strong regional demand in Hong Kong Island South for sheltered space, particularly from pleasure vessels, and to support tourism, leisure and recreation development in the Southern District. The proposed expansion area is about 30 hectares. Site investigation works have just been completed, and various detailed impact assessments, gazetting and detailed design will be carried out. Construction works are expected to commence in 2025 tentatively. The Transport and Logistics Bureau and MD will continue to work closely with the IIS Office and relevant departments on this project.

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.

Table I –Numbers and Types of Vessels Observed in Typhoon Shelters (TS) in 2020
(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	8	39	29	2	27	0	0	87	49	455	0	790	0	8	1494	68%
Causeway Bay TS ₁	0	15	0	0	0	0	0	5	18	65	0	263	0	0	366	56%
Cheung Chau TS ₂	2	3	0	0	4	2	0	6	7	157	7	72	0	1	261	48%
Hei Ling Chau TS ₃	2	3	0	34	0	4	0	0	4	0	0	7	0	1	55	48%
Kwun Tong TS ₂	2	1	0	11	0	0	0	0	21	3	0	224	0	2	264	77%
New Yau Ma Tei TS ₂	15	35	0	180	20	29	0	1	42	19	0	145	32	4	522	91%
Rambler Channel TS ₂	0	0	0	20	1	11	0	0	1	30	0	11	42	1	117	92%
Sam Ka Tsuen TS ₁	0	5	0	0	0	0	0	2	13	62	0	33	0	0	115	65%
Shaukeiwan TS ₁	9	10	0	0	8	5	0	25	35	266	0	187	0	1	546	93%
Shuen Wan TS ₁	0	4	0	0	0	0	0	0	7	29	24	89	0	5	158	45%
To Kwa Wan TS ₂	1	4	0	82	0	16	0	0	14	0	0	9	0	3	129	100%
Tuen Mun TS ₂	0	14	0	66	9	20	3	4	77	189	17	67	3	4	473	94%
Yim Tin Tsai TS ₁	0	0	0	0	0	0	0	0	0	14	0	12	0	0	26	8%

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 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 III –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

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