

Table 1 - Marine Population Survey

Location:	Victoria Harbour	Date:	12-May-14
Covered Area (sq.km):	4.09	Time:	16:54
Locaton of Surveyor:	Tsim Sha Tsui Promenade		
Remark:			
Vessel Type	Number of Vessels		
	Trial 1	Trial 2	Trial 3
Ocean Going Vessel	0	0	0
Rivertrade Vessel	1	1	0
Fast Ferry (large)	1	1	1
Fast Ferry (typical)	0	0	0
Tug and Tow	3	3	1
Small Craft / pleasure craft	0	0	5
Others	16	21	18
fishing vessel / fast launch	1	1	3
barge / derrick barge	15	20	15
Star Ferry	4	5	4
NWFF/HKKF outlying islands ferry (Victoria Harbour)	4	2	4
other ferry (Victoria Harbour)	2	3	1
Discovery Bay ferry	0	0	0
outlying islands ferry (Central - Lamma)	0	0	0
other outlying island ferry (East Lamma Channel)	0	0	0
Ma Wan fast ferry	1	0	0
KaiTo	0	0	1
launch / vehicular ferry	7	8	6

Table 1 - Marine Population Survey

Location:	Ma Wan Channel	Date:	12-May-14
Covered Area (sq.km):	9.52	Time:	15:18
Location of Surveyor:	Lantau Link Visitors Centre		
Remark:			
Vessel Type	Number of Vessels		
	Trial 1	Trial 2	Trial 3
Ocean Going Vessel	1	4	3
Rivertrade Vessel	5	8	17
Fast Ferry (large)	0	0	0
Fast Ferry (typical)	0	1	0
Tug and Tow	0	0	2
Small Craft / pleasure craft	2	1	1
Others	11	13	14
fishing vessel / fast launch	2	4	2
barge / derrick barge	9	9	12
Star Ferry	0	0	0
NWFF/HKKF outlying islands ferry (Victoria Harbour)	0	0	0
other ferry (Victoria Harbour)	0	0	0
Discovery Bay ferry	0	0	0
outlying islands ferry (Central - Lamma)	0	0	0
other outlying island ferry (East Lamma Channel)	0	0	0
Ma Wan fast ferry	1	0	1
KaiTo	0	0	0
launch / vehicular ferry	0	0	1

Table 1 - Marine Population Survey

Location:	Sham Shui Kok - Ma Wan	Date:	12-May-14
Covered Area (sq.km):	14.75	Time:	14:30
Locaton of Surveyor:	Tsing Lung Tau		
Remark:			
Vessel Type	Number of Vessels		
	Trial 1	Trial 2	Trial 3
Ocean Going Vessel	1	2	0
Rivertrade Vessel	2	2	1
Fast Ferry (large)	0	0	0
Fast Ferry (typical)	0	1	0
Tug and Tow	2	4	4
Small Craft / pleasure craft	3	1	3
Others	2	5	10
fishing vessel / fast launch	0	0	1
barge / derrick barge	2	5	9
Star Ferry	0	0	0
NWFF/HKKF outlying islands ferry (Victoria Harbour)	0	0	0
other ferry (Victoria Harbour)	0	0	0
Discovery Bay ferry	0	0	0
outlying islands ferry (Central - Lamma)	0	0	0
other outlying island ferry (East Lamma Channel)	0	0	0
Ma Wan fast ferry	0	0	0
KaiTo	0	0	0
launch / vehicular ferry	1	1	0

Table 1 - Marine Population Survey

Location:	East Lamma Channel	Date:	12-May-14
Covered Area (sq.km):	11.09	Time:	12:33
Location of Surveyor:	Cyberport Road		
Remark:			
Vessel Type	Number of Vessels		
	Trial 1	Trial 2	Trial 3
Ocean Going Vessel	7	6	5
Rivertrade Vessel	2	1	1
Fast Ferry (large)	0	0	0
Fast Ferry (typical)	0	0	0
Tug and Tow	1	3	1
Small Craft / pleasure craft	1	3	0
Others	5	6	10
fishing vessel / fast launch	1	2	3
barge / derrick barge	4	4	7
Star Ferry	0	0	0
NWFF/HKKF outlying islands ferry (Victoria Harbour)	0	0	0
other ferry (Victoria Harbour)	0	0	0
Discovery Bay ferry	0	0	0
outlying islands ferry (Central - Lamma)	0	1	1
other outlying island ferry (East Lamma Channel)	1	0	0
Ma Wan fast ferry	0	0	0
KaiTo	0	0	0
launch / vehicular ferry	1	0	1

Table 1 - Marine Population Survey

Location:	Island South	Date:	12-May-14
Covered Area (sq.km):	8.3	Time:	11:42
Location of Surveyor:	Chung Hom Kok		
Remark:			
Vessel Type	Number of Vessels		
	Trial 1	Trial 2	Trial 3
Ocean Going Vessel	3	1	1
Rivertrade Vessel	1	0	0
Fast Ferry (large)	0	0	0
Fast Ferry (typical)	0	0	0
Tug and Tow	0	0	0
Small Craft / pleasure craft	1	1	2
Others	4	2	6
fishing vessel / fast launch	4	2	5
barge / derrick barge	0	0	1
Star Ferry	0	0	0
NWFF/HKKF outlying islands ferry (Victoria Harbour)	0	0	0
other ferry (Victoria Harbour)	0	0	0
Discovery Bay ferry	0	0	0
outlying islands ferry (Central - Lamma)	0	0	0
other outlying island ferry (East Lamma Channel)	0	0	0
Ma Wan fast ferry	0	0	0
KaiTo	0	0	0
launch / vehicular ferry	0	0	0

Table 1 - Marine Population Survey

Location:	Tathong Channel (Tung Lung Chau)	Date:	12-May-14
Covered Area (sq.km):	6.12	Time:	11:00
Location of Surveyor:	Cape Collinson Road		
Remark:			
Vessel Type	Number of Vessels		
	Trial 1	Trial 2	Trial 3
Ocean Going Vessel	0	0	1
Rivertrade Vessel	1	1	1
Fast Ferry (large)	0	0	0
Fast Ferry (typical)	0	0	0
Tug and Tow	0	0	0
Small Craft / pleasure craft	0	0	0
Others	9	8	9
fishing vessel / fast launch	7	6	6
barge / derrick barge	2	2	3
Star Ferry	0	0	0
NWFF/HKKF outlying islands ferry (Victoria Harbour)	0	0	0
other ferry (Victoria Harbour)	0	0	0
Discovery Bay ferry	0	0	0
outlying islands ferry (Central - Lamma)	0	0	0
other outlying island ferry (East Lamma Channel)	0	0	0
Ma Wan fast ferry	0	0	0
KaiTo	0	0	0
launch / vehicular ferry	0	0	0

Table 1 - Marine Population Survey

Location:	Lei Yue Mun - Tathong Channel	Date:	12-May-14
Covered Area (sq.km):	7.84	Time:	9:59
Locaton of Surveyor:	Siu Sai Wan Promenade		
Remark:			
Vessel Type	Number of Vessels		
	Trial 1	Trial 2	Trial 3
Ocean Going Vessel	0	0	0
Rivertrade Vessel	0	0	0
Fast Ferry (large)	0	0	0
Fast Ferry (typical)	0	0	0
Tug and Tow	1	0	0
Small Craft / pleasure craft	0	2	3
Others	9	7	6
fishing vessel / fast launch	3	1	0
barge / derrick barge	6	6	6
Star Ferry	0	0	0
NWFF/HKKF outlying islands ferry (Victoria Harbour)	0	0	0
other ferry (Victoria Harbour)	0	0	0
Discovery Bay ferry	0	0	0
outlying islands ferry (Central - Lamma)	0	0	0
other outlying island ferry (East Lamma Channel)	0	0	0
Ma Wan fast ferry	0	0	0
KaiTo	0	0	0
launch	0	0	1

Table 2 - Vessels Capacity

Vessel	Capacity	Remarks
Ocean Going Vessel	0	chlorine cloud below deck level; people on board are not affected
Rivertrade Vessel	5	LNG Receiving Terminal and Associated Facilities EIA
Fast Ferry (large)	450	LNG Receiving Terminal and Associated Facilities EIA
Fast Ferry (typical)	350	LNG Receiving Terminal and Associated Facilities EIA
Tug and Tow	5	LNG Receiving Terminal and Associated Facilities EIA
Small Craft / pleasure craft	2	observation in survey
Others	5	LNG Receiving Terminal and Associated Facilities EIA
fishing vessel / fast launch		
barge / derrick barge		
Star Ferry	200	average daily patronage data published on the operator's website
NWFF/HKKF outlying islands ferry (Victoria Harbour)	200	Year 2012 average daily patronage for outlying islands ferry services
other ferry (Victoria Harbour)	100	estimated from ferry capacity and average daily patronage of Star Ferry
Discovery Bay ferry	200	Year 2012 average daily patronage for outlying islands ferry services
outlying islands ferry (Central - Lamma)	100	Year 2012 average daily patronage for outlying islands ferry services
other outlying island ferry (East Lamma Channel)	50	Year 2012 average daily patronage for outlying islands ferry services
Ma Wan fast ferry	100	Year 2012 average daily patronage for outlying islands ferry services
KaiTo	140	vessel capacity of major operators
launch / vehicular ferry	50	vessel capacity of major operators

Table 3 - Estimated Marine Population Density

Segment Name	Population Density (ppl/sq.m)
Sham Shui Kok	1.41E-05
Tsing Ma	3.35E-05
Victoria Harbour	6.66E-04
East Lamma Channel	1.53E-05
Island South	2.93E-06
Tathong Channel	7.90E-06
Tseung Kwan O	7.44E-06