

Automobile Equivalent Units (AEQs)

Automobile Equivalent Units (AEQs) are a standardized unit of measure that is supposed to be equal to the amount of deck space taken up by one car. One AEQ is equal to a 6.1m x 2.6m rectangle. BC Ferries uses AEQs to measure Vessel Capacity and Capacity Utilization.

Vessel Capacity

Vessel Capacity, in AEQs, is measured by laying out scaled AEQ templates on a schematic of each vessels' vehicle decks. The layouts are cognizant of space needed to load and unload vehicles and of areas required for escape and evacuation that cannot be blocked by vehicle.

AEQs Carried

AEQs carried for each sailing are calculated using the same conversion factors used to report capacity utilization to the BC Ferry Commission. The conversion factors are:

- 1 Bus = 3 AEQ;
- 1 Commercial Truck or Semi = 2.5 AEQ;
- 1 Private Vehicle – Over Height = 1.5 AEQ;
- 1 Private Vehicle – Under Height or Motorcycle = 1 AEQ.

These conversion factors are the same for all routes and vessels, except for Commercial Truck/Semi on Routes 1, 2, 3, and 30, and are applied to monthly vehicle counts in the reporting to the BC Ferry Commission. There can be considerable variability in the sizes of vehicles within the conversion factor categories. Private Vehicle – Over Height can range from a large motorhome towing a big boat to a Mini with a bicycle in a roof rack. The conversion factors rely on the law of large numbers to produce meaningful measures. Sailing level data is not a large enough sample size to produce meaningful measures.

Capacity Utilization

Capacity utilization is the quotient of AEQs Carried and Vessel Capacity, expressed as a percentage. Due to the limitations outlined above, capacity utilization at the sailing level may not be reflective of the actual utilization of the available deck space given the actual size and shape of the vehicles carried.

Repositioning Sailing

Monday – Saturday, excluding holidays, the first sailing of the day in the Route 8 data is the repositioning sailing. The vessel repositions from its homeport of Horseshoe Bay to Snug Cove where its operational day begins. Passage on these sailings is not available to the public.

Total Overloads

Total overloads is an estimate of the number of vehicles left behind when a sailing departs. At Horseshoe Bay, total overloads is equal to the number of vehicles inside the terminal that did not make it on to the sailing and the number of vehicles outside the terminal, as reported by traffic control, for each route. At Snug Cove, total overloads is the number of vehicles counted or estimated by the vessel that were not loaded.

Route	Vessel	Departure Terminal	Arrival Terminal	Sched Dept Ts	Date	Sailing	Weekday	Repositioning Sailing	Bus	Semi	Comm	Pvoh	Pvuh	Mtcy	Total Veh	AEQs Carried	Vessel Capacity	Capacity Utilization	Total Pass	Total Q/L
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 5:50:00 AM	22-07-01	5:50:00 AM	6	N	0	0	0	0	3	0	3	3	87	3.4%	5	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 6:20:00 AM	22-07-01	6:20:00 AM	6	N	0	0	0	0	16	0	16	16	87	18.4%	27	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 6:50:00 AM	22-07-01	6:50:00 AM	6	N	0	0	0	1	15	0	16	17	87	19.0%	49	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 7:20:00 AM	22-07-01	7:20:00 AM	6	N	0	0	0	0	12	1	13	13	87	14.9%	29	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 8:00:00 AM	22-07-01	8:00:00 AM	6	N	0	0	0	3	62	0	65	67	87	76.4%	199	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 8:35:00 AM	22-07-01	8:35:00 AM	6	N	0	0	0	0	32	1	33	33	87	37.9%	59	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 9:05:00 AM	22-07-01	9:05:00 AM	6	N	0	0	1	4	77	1	83	87	87	99.4%	288	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 9:35:00 AM	22-07-01	9:35:00 AM	6	N	0	0	0	0	36	0	36	36	87	41.4%	73	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 10:10:00 AM	22-07-01	10:10:00 AM	6	N	0	0	0	2	90	3	95	96	87	110.3%	372	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 10:40:00 AM	22-07-01	10:40:00 AM	6	N	0	0	2	0	35	3	40	43	87	49.4%	92	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 11:15:00 AM	22-07-01	11:15:00 AM	6	N	0	0	1	1	79	1	82	84	87	96.6%	374	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 12:05:00 PM	22-07-01	12:05:00 PM	6	N	0	0	0	6	37	1	44	47	87	54.0%	115	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 12:40:00 PM	22-07-01	12:40:00 PM	6	N	0	0	0	2	95	0	97	98	87	112.6%	305	36
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 1:15:00 PM	22-07-01	1:15:00 PM	6	N	0	0	2	0	41	0	43	46	87	52.9%	109	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 1:55:00 PM	22-07-01	1:55:00 PM	6	N	0	0	1	4	85	10	100	104	87	119.0%	294	47
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 2:40:00 PM	22-07-01	2:40:00 PM	6	N	0	0	0	4	46	0	50	52	87	59.8%	206	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 3:20:00 PM	22-07-01	3:20:00 PM	6	N	0	0	0	4	94	3	101	103	87	118.4%	270	8
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 4:00:00 PM	22-07-01	4:00:00 PM	6	N	0	0	1	0	41	1	43	45	87	51.1%	229	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 4:40:00 PM	22-07-01	4:40:00 PM	6	N	0	0	0	3	70	1	74	76	87	86.8%	192	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 5:10:00 PM	22-07-01	5:10:00 PM	6	N	0	0	0	0	66	2	68	68	87	78.2%	263	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 5:45:00 PM	22-07-01	5:45:00 PM	6	N	0	0	0	1	43	2	46	47	87	53.4%	103	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 6:15:00 PM	22-07-01	6:15:00 PM	6	N	0	0	0	0	53	3	56	56	87	64.4%	270	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 6:50:00 PM	22-07-01	6:50:00 PM	6	N	0	0	0	2	21	0	23	24	87	27.6%	50	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 7:20:00 PM	22-07-01	7:20:00 PM	6	N	0	0	0	0	46	3	49	49	87	56.3%	223	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 7:50:00 PM	22-07-01	7:50:00 PM	6	N	0	0	0	1	12	1	14	15	87	16.7%	39	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 8:50:00 PM	22-07-01	8:50:00 PM	6	N	0	0	0	0	56	1	57	57	87	65.5%	201	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 9:20:00 PM	22-07-01	9:20:00 PM	6	N	0	0	0	1	29	1	31	32	87	36.2%	72	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 9:50:00 PM	22-07-01	9:50:00 PM	6	N	0	0	0	0	12	0	12	12	87	13.8%	44	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	1-Jul-22 10:20:00 PM	22-07-01	10:20:00 PM	6	N	0	0	0	0	20	0	20	20	87	23.0%	49	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	1-Jul-22 10:50:00 PM	22-07-01	10:50:00 PM	6	N	0	0	0	0	11	3	14	14	87	16.1%	39	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 5:00:00 AM	22-07-02	5:00:00 AM	7	Y	0	0	0	0	0	0	0	0	87	0.0%	0	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 5:20:00 AM	22-07-02	5:20:00 AM	7	N	0	0	0	0	9	0	9	9	87	10.3%	19	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 5:50:00 AM	22-07-02	5:50:00 AM	7	N	0	0	0	0	2	0	2	2	87	2.3%	3	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 6:20:00 AM	22-07-02	6:20:00 AM	7	N	0	0	0	2	20	1	23	24	87	27.6%	36	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 6:50:00 AM	22-07-02	6:50:00 AM	7	N	0	0	0	1	12	0	13	14	87	15.5%	29	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 7:20:00 AM	22-07-02	7:20:00 AM	7	N	0	0	0	1	24	0	25	26	87	29.3%	39	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 8:00:00 AM	22-07-02	8:00:00 AM	7	N	0	1	0	0	30	0	31	33	87	37.4%	97	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 8:35:00 AM	22-07-02	8:35:00 AM	7	N	0	0	0	0	40	1	41	41	87	47.1%	99	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 9:05:00 AM	22-07-02	9:05:00 AM	7	N	0	0	1	3	54	1	59	62	87	71.3%	234	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 9:35:00 AM	22-07-02	9:35:00 AM	7	N	0	1	0	1	75	4	81	83	87	95.4%	170	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 10:10:00 AM	22-07-02	10:10:00 AM	7	N	0	0	0	5	88	0	93	96	87	109.8%	412	1
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 10:40:00 AM	22-07-02	10:40:00 AM	7	N	0	0	0	0	49	2	51	51	87	58.6%	110	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 11:15:00 AM	22-07-02	11:15:00 AM	7	N	0	0	0	4	89	4	97	99	87	113.8%	414	35
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 12:05:00 PM	22-07-02	12:05:00 PM	7	N	0	0	2	0	53	0	55	58	87	66.7%	130	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 12:40:00 PM	22-07-02	12:40:00 PM	7	N	0	0	0	4	90	2	96	98	87	112.6%	382	46
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 1:15:00 PM	22-07-02	1:15:00 PM	7	N	0	0	0	3	28	0	31	33	87	37.4%	94	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 1:55:00 PM	22-07-02	1:55:00 PM	7	N	0	0	0	2	91	4	97	98	87	112.6%	318	8
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 2:40:00 PM	22-07-02	2:40:00 PM	7	N	0	0	1	2	65	3	71	74	87	84.5%	225	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 3:20:00 PM	22-07-02	3:20:00 PM	7	N	0	0	2	1	82	2	87	91	87	104.0%	229	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 4:00:00 PM	22-07-02	4:00:00 PM	7	N	0	0	0	0	70	1	71	71	87	81.6%	320	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 4:40:00 PM	22-07-02	4:40:00 PM	7	N	0	0	0	2	64	4	70	71	87	81.6%	206	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 5:10:00 PM	22-07-02	5:10:00 PM	7	N	0	0	1	3	89	2	95	98	87	112.6%	430	10
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 5:45:00 PM	22-07-02	5:45:00 PM	7	N	0	0	0	5	60	0	65	68	87	77.6%	146	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 6:15:00 PM	22-07-02	6:15:00 PM	7	N	0	0	0	0	96	2	98	98	87	112.6%	407	15
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 6:50:00 PM	22-07-02	6:50:00 PM	7	N	0	0	0	2	46	2	50	51	87	58.6%	110	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 8:50:00 PM	22-07-02	8:50:00 PM	7	N	0	0	0	0	99	0	99	99	87	113.8%	374	10
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 9:20:00 PM	22-07-02	9:20:00 PM	7	N	0	0	0	0	41	1	42	42	87	48.3%	88	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 9:50:00 PM	22-07-02	9:50:00 PM	7	N	0	0	0	0	27	0	27	27	87	31.0%	82	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	2-Jul-22 10:20:00 PM	22-07-02	10:20:00 PM	7	N	0	0	0	1	15	1	17	18	87	20.1%	41	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	2-Jul-22 10:50:00 PM	22-07-02	10:50:00 PM	7	N		0	0	0	0	6	0	6	6	87	6.9%	19	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 5:50:00 AM	22-07-03	5:50:00 AM	1	N		0	1	0	0	0	0	1	3	87	2.9%	2	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 6:20:00 AM	22-07-03	6:20:00 AM	1	N		0	0	0	0	14	0	14	14	87	16.1%	26	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 6:50:00 AM	22-07-03	6:50:00 AM	1	N		0	0	0	0	10	0	10	10	87	11.5%	12	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 7:20:00 AM	22-07-03	7:20:00 AM	1	N		0	1	0	0	23	0	24	26	87	29.3%	53	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 8:00:00 AM	22-07-03	8:00:00 AM	1	N		0	0	0	1	11	0	12	13	87	14.4%	22	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 8:35:00 AM	22-07-03	8:35:00 AM	1	N		0	0	0	0	61	1	62	62	87	71.3%	118	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 9:05:00 AM	22-07-03	9:05:00 AM	1	N		0	0	0	0	19	0	19	19	87	21.8%	61	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 9:35:00 AM	22-07-03	9:35:00 AM	1	N		0	0	0	2	78	1	81	82	87	94.3%	189	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 10:10:00 AM	22-07-03	10:10:00 AM	1	N		0	0	0	1	21	0	22	23	87	25.9%	74	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 10:40:00 AM	22-07-03	10:40:00 AM	1	N		0	0	0	0	97	0	97	97	87	111.5%	186	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 11:15:00 AM	22-07-03	11:15:00 AM	1	N		0	0	1	0	29	0	30	32	87	36.2%	93	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 12:05:00 PM	22-07-03	12:05:00 PM	1	N		0	0	0	0	98	0	98	98	87	112.6%	231	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 12:40:00 PM	22-07-03	12:40:00 PM	1	N		0	0	0	2	32	0	34	35	87	40.2%	100	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 1:15:00 PM	22-07-03	1:15:00 PM	1	N		0	0	1	1	95	0	97	99	87	113.8%	211	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 1:55:00 PM	22-07-03	1:55:00 PM	1	N		0	0	0	3	64	0	67	69	87	78.7%	164	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 2:40:00 PM	22-07-03	2:40:00 PM	1	N		0	0	0	1	99	0	100	101	87	115.5%	212	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 3:20:00 PM	22-07-03	3:20:00 PM	1	N		0	0	0	3	55	0	58	60	87	68.4%	155	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 4:00:00 PM	22-07-03	4:00:00 PM	1	N		0	0	0	2	94	0	96	97	87	111.5%	240	3
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 4:40:00 PM	22-07-03	4:40:00 PM	1	N		0	0	1	1	49	0	51	53	87	60.9%	139	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 5:10:00 PM	22-07-03	5:10:00 PM	1	N		0	0	0	2	60	1	63	64	87	73.6%	171	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 5:45:00 PM	22-07-03	5:45:00 PM	1	N		0	1	0	1	48	2	52	54	87	62.1%	129	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 6:15:00 PM	22-07-03	6:15:00 PM	1	N		0	0	1	1	32	0	34	36	87	41.4%	89	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 6:50:00 PM	22-07-03	6:50:00 PM	1	N		0	0	1	1	37	0	39	41	87	47.1%	94	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 7:20:00 PM	22-07-03	7:20:00 PM	1	N		0	0	0	1	49	0	50	51	87	58.0%	125	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 7:50:00 PM	22-07-03	7:50:00 PM	1	N		0	0	0	2	20	0	22	23	87	26.4%	50	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 8:50:00 PM	22-07-03	8:50:00 PM	1	N		0	0	0	0	26	0	26	26	87	29.9%	64	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 9:20:00 PM	22-07-03	9:20:00 PM	1	N		0	0	0	1	30	0	31	32	87	36.2%	66	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 9:50:00 PM	22-07-03	9:50:00 PM	1	N		0	0	0	0	11	0	11	11	87	12.6%	29	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	3-Jul-22 10:20:00 PM	22-07-03	10:20:00 PM	1	N		0	0	0	2	10	0	12	13	87	14.9%	29	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	3-Jul-22 10:50:00 PM	22-07-03	10:50:00 PM	1	N		0	0	0	0	2	0	2	2	87	2.3%	4	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 5:00:00 AM	22-07-04	5:00:00 AM	2	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 5:20:00 AM	22-07-04	5:20:00 AM	2	N		0	1	0	1	21	0	23	25	87	28.7%	42	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 5:50:00 AM	22-07-04	5:50:00 AM	2	N		0	2	1	0	2	0	5	10	87	10.9%	6	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 6:20:00 AM	22-07-04	6:20:00 AM	2	N		0	0	0	1	72	0	73	74	87	84.5%	107	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 6:50:00 AM	22-07-04	6:50:00 AM	2	N		0	1	2	6	45	0	54	62	87	70.7%	89	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 7:20:00 AM	22-07-04	7:20:00 AM	2	N		0	1	1	1	85	0	88	92	87	105.2%	131	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 8:00:00 AM	22-07-04	8:00:00 AM	2	N		0	2	5	7	41	1	56	70	87	80.5%	95	3
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 8:35:00 AM	22-07-04	8:35:00 AM	2	N		0	1	0	4	83	1	89	93	87	106.3%	133	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 9:05:00 AM	22-07-04	9:05:00 AM	2	N		0	1	5	3	22	0	31	42	87	47.7%	65	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 9:35:00 AM	22-07-04	9:35:00 AM	2	N		0	0	0	2	88	1	92	95	87	108.6%	165	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 10:10:00 AM	22-07-04	10:10:00 AM	2	N		0	1	5	7	28	0	41	54	87	61.5%	89	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 10:40:00 AM	22-07-04	10:40:00 AM	2	N		0	0	0	3	86	0	89	91	87	104.0%	186	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 11:15:00 AM	22-07-04	11:15:00 AM	2	N		0	1	3	3	43	0	50	58	87	66.1%	120	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 12:05:00 PM	22-07-04	12:05:00 PM	2	N		0	1	3	5	88	0	97	106	87	121.3%	211	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 12:40:00 PM	22-07-04	12:40:00 PM	2	N		0	0	1	2	38	1	42	45	87	51.1%	92	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 1:15:00 PM	22-07-04	1:15:00 PM	2	N		0	1	3	6	83	0	93	102	87	117.2%	178	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 1:55:00 PM	22-07-04	1:55:00 PM	2	N		0	0	0	5	55	0	60	63	87	71.8%	143	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 2:40:00 PM	22-07-04	2:40:00 PM	2	N		0	0	2	2	45	0	49	53	87	60.9%	117	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 3:20:00 PM	22-07-04	3:20:00 PM	2	N		0	1	0	2	71	0	74	77	87	87.9%	157	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 4:00:00 PM	22-07-04	4:00:00 PM	2	N		0	0	1	2	53	0	57	62	87	71.3%	146	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 4:40:00 PM	22-07-04	4:40:00 PM	2	N		0	0	2	3	89	0	94	99	87	113.2%	166	4
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 5:10:00 PM	22-07-04	5:10:00 PM	2	N		0	0	0	7	46	1	54	58	87	66.1%	122	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 5:45:00 PM	22-07-04	5:45:00 PM	2	N		0	0	0	9	79	1	89	94	87	107.5%	165	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 6:15:00 PM	22-07-04	6:15:00 PM	2	N		0	0	1	1	24	1	27	29	87	33.3%	65	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 6:50:00 PM	22-07-04	6:50:00 PM	2	N		0	0	0	1	72	1	74	75	87	85.6%	158	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 7:20:00 PM	22-07-04	7:20:00 PM	2	N		0	1	0	0	20	0	21	23	87	25.9%	43	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 7:50:00 PM	22-07-04	7:50:00 PM	2	N		0	0	0	3	34	0	37	39	87	44.3%	94	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 8:50:00 PM	22-07-04	8:50:00 PM	2	N		0	1	1	0	19	1	22	25	87	28.7%	50	0

06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 9:20:00 PM	22-07-04	9:20:00 PM	2	N		0	0	0	1	41	0	42	43	87	48.9%	82	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 9:50:00 PM	22-07-04	9:50:00 PM	2	N		0	0	0	0	7	0	7	7	87	8.0%	19	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	4-Jul-22 10:20:00 PM	22-07-04	10:20:00 PM	2	N		0	0	0	0	9	0	9	9	87	10.3%	30	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	4-Jul-22 10:50:00 PM	22-07-04	10:50:00 PM	2	N		0	0	0	0	1	0	1	1	87	1.1%	2	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 5:00:00 AM	22-07-05	5:00:00 AM	3	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 5:20:00 AM	22-07-05	5:20:00 AM	3	N		0	2	0	2	23	0	27	31	87	35.6%	56	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 5:50:00 AM	22-07-05	5:50:00 AM	3	N		0	0	0	0	1	0	1	1	87	1.1%	2	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 6:20:00 AM	22-07-05	6:20:00 AM	3	N		0	0	3	1	69	0	73	78	87	89.7%	145	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 6:50:00 AM	22-07-05	6:50:00 AM	3	N		0	0	5	7	45	0	57	68	87	78.2%	91	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 7:20:00 AM	22-07-05	7:20:00 AM	3	N		0	0	0	4	90	0	94	96	87	110.3%	197	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 8:00:00 AM	22-07-05	8:00:00 AM	3	N		0	1	3	12	45	1	62	74	87	85.1%	118	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 8:35:00 AM	22-07-05	8:35:00 AM	3	N		0	0	2	1	94	0	97	101	87	115.5%	135	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 9:05:00 AM	22-07-05	9:05:00 AM	3	N		0	0	4	4	36	0	44	52	87	59.8%	103	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 9:35:00 AM	22-07-05	9:35:00 AM	3	N		0	0	1	2	79	1	83	86	87	98.3%	138	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 10:10:00 AM	22-07-05	10:10:00 AM	3	N		0	0	3	7	43	0	53	61	87	70.1%	149	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 10:40:00 AM	22-07-05	10:40:00 AM	3	N		0	0	0	5	86	0	91	94	87	107.5%	166	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 11:15:00 AM	22-07-05	11:15:00 AM	3	N		0	0	4	5	57	1	67	76	87	86.8%	221	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 12:05:00 PM	22-07-05	12:05:00 PM	3	N		0	0	7	3	72	0	82	94	87	108.0%	138	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 12:40:00 PM	22-07-05	12:40:00 PM	3	N		0	0	1	6	62	1	70	75	87	85.6%	177	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 1:15:00 PM	22-07-05	1:15:00 PM	3	N		0	1	1	2	48	0	52	56	87	64.4%	125	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 1:55:00 PM	22-07-05	1:55:00 PM	3	N		0	0	1	0	61	1	63	65	87	74.1%	158	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 2:40:00 PM	22-07-05	2:40:00 PM	3	N		0	0	1	7	55	1	64	69	87	79.3%	144	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 3:20:00 PM	22-07-05	3:20:00 PM	3	N		0	0	1	2	82	4	89	92	87	105.2%	168	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 4:00:00 PM	22-07-05	4:00:00 PM	3	N		0	0	0	5	83	0	88	91	87	104.0%	253	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 4:40:00 PM	22-07-05	4:40:00 PM	3	N		0	0	1	7	89	0	97	102	87	117.2%	208	23
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 5:10:00 PM	22-07-05	5:10:00 PM	3	N		0	0	0	2	63	1	66	67	87	77.0%	230	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 5:45:00 PM	22-07-05	5:45:00 PM	3	N		0	0	1	2	95	4	102	105	87	120.1%	180	34
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 6:15:00 PM	22-07-05	6:15:00 PM	3	N		0	0	1	2	28	2	33	36	87	40.8%	102	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 6:50:00 PM	22-07-05	6:50:00 PM	3	N		0	0	1	5	78	0	84	88	87	101.1%	152	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 7:20:00 PM	22-07-05	7:20:00 PM	3	N		0	0	0	3	22	1	26	28	87	31.6%	78	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 7:50:00 PM	22-07-05	7:50:00 PM	3	N		0	0	0	1	48	0	49	50	87	56.9%	105	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 8:50:00 PM	22-07-05	8:50:00 PM	3	N		0	0	0	0	19	2	21	21	87	24.1%	55	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 9:20:00 PM	22-07-05	9:20:00 PM	3	N		0	0	0	4	41	1	46	48	87	55.2%	112	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 9:50:00 PM	22-07-05	9:50:00 PM	3	N		0	0	0	0	9	0	9	9	87	10.3%	21	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	5-Jul-22 10:20:00 PM	22-07-05	10:20:00 PM	3	N		0	0	0	0	18	0	18	18	87	20.7%	35	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	5-Jul-22 10:50:00 PM	22-07-05	10:50:00 PM	3	N		0	0	0	0	3	0	3	3	87	3.4%	14	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 5:00:00 AM	22-07-06	5:00:00 AM	4	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 5:20:00 AM	22-07-06	5:20:00 AM	4	N		0	0	0	1	28	0	29	30	87	33.9%	42	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 5:50:00 AM	22-07-06	5:50:00 AM	4	N		0	0	1	0	4	0	5	7	87	7.5%	5	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 6:20:00 AM	22-07-06	6:20:00 AM	4	N		0	0	2	1	82	0	85	89	87	101.7%	122	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 6:50:00 AM	22-07-06	6:50:00 AM	4	N		0	1	1	9	46	0	57	65	87	74.1%	86	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 7:20:00 AM	22-07-06	7:20:00 AM	4	N		0	0	1	1	93	0	95	97	87	111.5%	148	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 8:00:00 AM	22-07-06	8:00:00 AM	4	N		0	0	4	6	56	1	67	76	87	87.4%	134	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 8:35:00 AM	22-07-06	8:35:00 AM	4	N		0	1	0	2	68	2	73	76	87	86.8%	115	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 9:05:00 AM	22-07-06	9:05:00 AM	4	N		0	0	4	0	0	0	4	10	87	11.5%	4	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 9:35:00 AM	22-07-06	9:35:00 AM	4	N		0	1	1	2	94	0	98	102	87	117.2%	174	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 10:10:00 AM	22-07-06	10:10:00 AM	4	N		0	0	3	8	55	0	66	75	87	85.6%	198	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 10:40:00 AM	22-07-06	10:40:00 AM	4	N		0	0	0	2	96	0	98	99	87	113.8%	192	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 11:15:00 AM	22-07-06	11:15:00 AM	4	N		0	0	1	4	43	0	48	52	87	59.2%	119	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 12:05:00 PM	22-07-06	12:05:00 PM	4	N		0	0	1	2	86	0	89	92	87	105.2%	148	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 12:40:00 PM	22-07-06	12:40:00 PM	4	N		0	1	1	3	57	0	62	67	87	76.4%	138	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 1:15:00 PM	22-07-06	1:15:00 PM	4	N		0	0	1	2	76	0	79	82	87	93.7%	171	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 1:55:00 PM	22-07-06	1:55:00 PM	4	N		0	0	1	5	50	2	58	62	87	71.3%	135	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 2:40:00 PM	22-07-06	2:40:00 PM	4	N		0	1	1	1	83	0	86	90	87	102.9%	222	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 3:20:00 PM	22-07-06	3:20:00 PM	4	N		0	0	0	4	89	0	93	95	87	109.2%	184	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 4:00:00 PM	22-07-06	4:00:00 PM	4	N		0	0	0	0	4	0	4	4	87	4.6%	5	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 4:40:00 PM	22-07-06	4:40:00 PM	4	N		0	0	1	1	93	0	95	97	87	111.5%	161	10
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 5:10:00 PM	22-07-06	5:10:00 PM	4	N		0	0	3	5	82	0	90	97	87	111.5%	272	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 5:45:00 PM	22-07-06	5:45:00 PM	4	N		0	0	1	6	86	1	94	99	87	113.2%	158	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 6:15:00 PM	22-07-06	6:15:00 PM	4	N		0	0	3	4	57	2	66	73	87	83.3%	115	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 6:50:00 PM	22-07-06	6:50:00 PM	4	N		0	0	0	3	75	0	78	80	87	91.4%	140	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 7:20:00 PM	22-07-06	7:20:00 PM	4	N		0	0	0	2	12	0	14	15	87	17.2%	29	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 7:50:00 PM	22-07-06	7:50:00 PM	4	N		0	0	0	2	45	0	47	48	87	55.2%	77	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 8:50:00 PM	22-07-06	8:50:00 PM	4	N		0	0	0	0	23	0	23	23	87	26.4%	61	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 9:20:00 PM	22-07-06	9:20:00 PM	4	N		0	0	0	1	51	0	52	53	87	60.3%	105	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 9:50:00 PM	22-07-06	9:50:00 PM	4	N		0	0	0	0	6	0	6	6	87	6.9%	20	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	6-Jul-22 10:20:00 PM	22-07-06	10:20:00 PM	4	N		0	0	0	2	15	0	17	18	87	20.7%	29	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	6-Jul-22 10:50:00 PM	22-07-06	10:50:00 PM	4	N		0	0	0	0	6	0	6	6	87	6.9%	13	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 5:00:00 AM	22-07-07	5:00:00 AM	5	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 5:20:00 AM	22-07-07	5:20:00 AM	5	N		0	0	0	2	26	0	28	29	87	33.3%	55	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 5:50:00 AM	22-07-07	5:50:00 AM	5	N		0	0	2	0	9	0	11	14	87	16.1%	11	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 6:20:00 AM	22-07-07	6:20:00 AM	5	N		0	0	1	2	75	0	78	81	87	92.5%	129	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 6:50:00 AM	22-07-07	6:50:00 AM	5	N		0	0	4	9	37	0	50	61	87	69.5%	93	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 7:20:00 AM	22-07-07	7:20:00 AM	5	N		0	0	0	2	94	0	96	97	87	111.5%	185	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 8:00:00 AM	22-07-07	8:00:00 AM	5	N		0	0	3	12	58	0	73	84	87	96.0%	121	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 8:35:00 AM	22-07-07	8:35:00 AM	5	N		0	0	3	3	90	0	96	102	87	117.2%	144	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 9:05:00 AM	22-07-07	9:05:00 AM	5	N		0	0	1	7	38	0	46	51	87	58.6%	93	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 9:35:00 AM	22-07-07	9:35:00 AM	5	N		0	0	3	1	92	0	96	101	87	116.1%	149	5
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 10:10:00 AM	22-07-07	10:10:00 AM	5	N		0	0	2	6	40	1	49	55	87	63.2%	171	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 10:40:00 AM	22-07-07	10:40:00 AM	5	N		0	0	1	3	93	0	97	100	87	114.9%	161	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 11:15:00 AM	22-07-07	11:15:00 AM	5	N		0	0	1	9	44	0	54	60	87	69.0%	175	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 12:05:00 PM	22-07-07	12:05:00 PM	5	N		0	0	3	3	89	0	95	101	87	116.1%	144	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 12:40:00 PM	22-07-07	12:40:00 PM	5	N		0	0	4	5	59	1	69	78	87	89.1%	153	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 1:15:00 PM	22-07-07	1:15:00 PM	5	N		0	0	3	4	91	0	98	105	87	120.1%	168	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 1:55:00 PM	22-07-07	1:55:00 PM	5	N		0	0	2	4	70	1	77	82	87	94.3%	172	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 2:40:00 PM	22-07-07	2:40:00 PM	5	N		0	0	0	8	51	0	59	63	87	72.4%	190	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 3:20:00 PM	22-07-07	3:20:00 PM	5	N		0	0	1	5	87	0	93	97	87	111.5%	180	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 4:00:00 PM	22-07-07	4:00:00 PM	5	N		0	1	1	6	72	0	80	86	87	98.9%	193	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 4:40:00 PM	22-07-07	4:40:00 PM	5	N		0	0	1	4	91	0	96	100	87	114.4%	190	46
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 5:10:00 PM	22-07-07	5:10:00 PM	5	N		0	0	2	10	66	0	78	86	87	98.9%	202	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 5:45:00 PM	22-07-07	5:45:00 PM	5	N		0	0	2	4	88	1	95	100	87	114.9%	202	69
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 6:15:00 PM	22-07-07	6:15:00 PM	5	N		0	0	2	0	31	0	33	36	87	41.4%	87	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 6:50:00 PM	22-07-07	6:50:00 PM	5	N		0	0	0	4	96	0	100	102	87	117.2%	186	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 7:20:00 PM	22-07-07	7:20:00 PM	5	N		0	0	1	1	28	0	30	32	87	36.8%	88	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 7:50:00 PM	22-07-07	7:50:00 PM	5	N		0	0	0	1	78	0	79	80	87	91.4%	131	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 8:50:00 PM	22-07-07	8:50:00 PM	5	N		0	0	0	0	20	0	20	20	87	23.0%	70	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 9:20:00 PM	22-07-07	9:20:00 PM	5	N		0	0	0	0	50	0	50	50	87	57.5%	84	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 9:50:00 PM	22-07-07	9:50:00 PM	5	N		0	0	0	0	6	0	6	6	87	6.9%	14	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	7-Jul-22 10:20:00 PM	22-07-07	10:20:00 PM	5	N		0	0	0	0	26	0	26	26	87	29.9%	53	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	7-Jul-22 10:50:00 PM	22-07-07	10:50:00 PM	5	N		0	0	0	0	3	0	3	3	87	3.4%	8	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 5:00:00 AM	22-07-08	5:00:00 AM	6	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 5:20:00 AM	22-07-08	5:20:00 AM	6	N		0	1	1	0	23	0	25	28	87	32.2%	37	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 5:50:00 AM	22-07-08	5:50:00 AM	6	N		0	0	1	0	14	0	15	17	87	19.0%	17	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 6:20:00 AM	22-07-08	6:20:00 AM	6	N		0	0	2	2	45	0	49	53	87	60.9%	82	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 6:50:00 AM	22-07-08	6:50:00 AM	6	N		0	1	1	6	41	2	51	57	87	65.5%	81	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 7:20:00 AM	22-07-08	7:20:00 AM	6	N		0	0	0	0	53	0	53	53	87	60.9%	97	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 8:00:00 AM	22-07-08	8:00:00 AM	6	N		0	1	5	7	52	1	66	79	87	90.2%	108	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 8:35:00 AM	22-07-08	8:35:00 AM	6	N		0	2	4	0	73	0	79	88	87	101.1%	165	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 9:05:00 AM	22-07-08	9:05:00 AM	6	N		0	0	2	1	32	1	36	40	87	45.4%	80	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 9:35:00 AM	22-07-08	9:35:00 AM	6	N		0	0	3	1	72	1	77	82	87	94.3%	143	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 10:10:00 AM	22-07-08	10:10:00 AM	6	N		0	2	1	3	46	0	52	58	87	66.7%	177	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 10:40:00 AM	22-07-08	10:40:00 AM	6	N		0	3	0	1	70	3	77	82	87	94.3%	156	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 11:15:00 AM	22-07-08	11:15:00 AM	6	N		0	0	6	5	67	0	78	90	87	102.9%	229	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 12:05:00 PM	22-07-08	12:05:00 PM	6	N		0	1	3	0	63	3	70	76	87	87.4%	127	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 12:40:00 PM	22-07-08	12:40:00 PM	6	N		0	0	4	3	72	1	80	88	87	100.6%	206	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 1:15:00 PM	22-07-08	1:15:00 PM	6	N		0	0	1	1	45	0	47	49	87	56.3%	103	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 1:55:00 PM	22-07-08	1:55:00 PM	6	N		0	0	1	6	83	1	91	96	87	109.8%	232	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 2:40:00 PM	22-07-08	2:40:00 PM	6	N		0	0	5	3	66	0	74	83	87	95.4%	187	0

06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 3:20:00 PM	22-07-08	3:20:00 PM	6	N		0	0	0	4	91	1	96	98	87	112.6%	207	20
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 4:00:00 PM	22-07-08	4:00:00 PM	6	N		0	0	2	3	73	1	79	84	87	96.0%	237	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 4:40:00 PM	22-07-08	4:40:00 PM	6	N		0	0	3	2	84	2	91	97	87	110.9%	178	40
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 5:10:00 PM	22-07-08	5:10:00 PM	6	N		0	0	0	1	44	1	46	47	87	53.4%	144	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 5:45:00 PM	22-07-08	5:45:00 PM	6	N		0	0	0	0	99	2	101	101	87	116.1%	237	19
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 6:15:00 PM	22-07-08	6:15:00 PM	6	N		0	0	1	1	42	0	44	46	87	52.9%	144	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 6:50:00 PM	22-07-08	6:50:00 PM	6	N		0	0	0	2	87	2	91	92	87	105.7%	193	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 7:20:00 PM	22-07-08	7:20:00 PM	6	N		0	0	0	0	23	1	24	24	87	27.6%	87	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 7:50:00 PM	22-07-08	7:50:00 PM	6	N		0	0	0	4	44	0	48	50	87	57.5%	109	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 8:50:00 PM	22-07-08	8:50:00 PM	6	N		0	0	0	0	18	1	19	19	87	21.8%	90	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 9:20:00 PM	22-07-08	9:20:00 PM	6	N		0	0	0	1	49	0	50	51	87	58.0%	103	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 9:50:00 PM	22-07-08	9:50:00 PM	6	N		0	0	0	0	6	0	6	6	87	6.9%	20	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	8-Jul-22 10:20:00 PM	22-07-08	10:20:00 PM	6	N		0	0	0	0	18	0	18	18	87	20.7%	45	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	8-Jul-22 10:50:00 PM	22-07-08	10:50:00 PM	6	N		0	0	0	0	4	0	4	4	87	4.6%	14	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 5:00:00 AM	22-07-09	5:00:00 AM	7	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 5:20:00 AM	22-07-09	5:20:00 AM	7	N		0	0	0	0	9	0	9	9	87	10.3%	14	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 5:50:00 AM	22-07-09	5:50:00 AM	7	N		0	0	0	1	3	0	4	5	87	5.2%	6	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 6:20:00 AM	22-07-09	6:20:00 AM	7	N		0	0	0	1	25	1	27	28	87	31.6%	42	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 6:50:00 AM	22-07-09	6:50:00 AM	7	N		0	0	0	2	15	0	17	18	87	20.7%	33	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 7:20:00 AM	22-07-09	7:20:00 AM	7	N		0	0	0	0	33	0	33	33	87	37.9%	51	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 8:00:00 AM	22-07-09	8:00:00 AM	7	N		0	0	1	0	36	0	37	39	87	44.3%	104	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 8:35:00 AM	22-07-09	8:35:00 AM	7	N		0	0	1	1	49	0	51	53	87	60.9%	90	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 9:05:00 AM	22-07-09	9:05:00 AM	7	N		0	0	0	3	70	0	73	75	87	85.6%	273	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 9:35:00 AM	22-07-09	9:35:00 AM	7	N		0	0	1	1	68	0	70	72	87	82.8%	135	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 10:10:00 AM	22-07-09	10:10:00 AM	7	N		0	0	1	6	81	1	89	94	87	107.5%	382	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 10:40:00 AM	22-07-09	10:40:00 AM	7	N		0	0	0	0	50	0	50	50	87	57.5%	124	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 11:15:00 AM	22-07-09	11:15:00 AM	7	N		0	0	1	2	91	2	96	99	87	113.2%	352	27
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 12:05:00 PM	22-07-09	12:05:00 PM	7	N		0	0	1	1	51	1	54	56	87	64.4%	129	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 12:40:00 PM	22-07-09	12:40:00 PM	7	N		0	0	0	4	92	1	97	99	87	113.8%	317	36
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 1:15:00 PM	22-07-09	1:15:00 PM	7	N		0	0	1	1	36	0	38	40	87	46.0%	112	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 1:55:00 PM	22-07-09	1:55:00 PM	7	N		0	0	0	3	92	1	96	98	87	112.1%	289	8
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 2:40:00 PM	22-07-09	2:40:00 PM	7	N		0	0	0	2	37	0	39	40	87	46.0%	278	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 3:20:00 PM	22-07-09	3:20:00 PM	7	N		0	0	1	1	72	1	75	77	87	88.5%	204	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 4:00:00 PM	22-07-09	4:00:00 PM	7	N		0	0	0	1	74	1	76	77	87	87.9%	309	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 4:40:00 PM	22-07-09	4:40:00 PM	7	N		0	0	0	6	65	1	72	75	87	86.2%	192	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 5:10:00 PM	22-07-09	5:10:00 PM	7	N		0	0	1	2	75	1	79	82	87	93.7%	428	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 5:45:00 PM	22-07-09	5:45:00 PM	7	N		0	0	0	3	49	2	54	56	87	63.8%	113	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 6:15:00 PM	22-07-09	6:15:00 PM	7	N		0	0	0	0	67	0	67	67	87	77.0%	347	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 6:50:00 PM	22-07-09	6:50:00 PM	7	N		0	0	0	1	59	0	60	61	87	69.5%	142	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 8:50:00 PM	22-07-09	8:50:00 PM	7	N		0	0	0	2	88	0	90	91	87	104.6%	352	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 9:20:00 PM	22-07-09	9:20:00 PM	7	N		0	0	0	2	41	1	44	45	87	51.7%	98	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 9:50:00 PM	22-07-09	9:50:00 PM	7	N		0	0	0	1	36	1	38	39	87	44.3%	109	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	9-Jul-22 10:20:00 PM	22-07-09	10:20:00 PM	7	N		0	0	0	1	15	0	16	17	87	19.0%	33	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	9-Jul-22 10:50:00 PM	22-07-09	10:50:00 PM	7	N		0	0	0	0	14	0	14	14	87	16.1%	44	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 5:50:00 AM	22-07-10	5:50:00 AM	1	N		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 6:20:00 AM	22-07-10	6:20:00 AM	1	N		0	0	0	0	20	0	20	20	87	23.0%	39	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 6:50:00 AM	22-07-10	6:50:00 AM	1	N		0	0	0	0	10	0	10	10	87	11.5%	25	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 7:20:00 AM	22-07-10	7:20:00 AM	1	N		0	0	0	0	31	0	31	31	87	35.6%	63	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 8:00:00 AM	22-07-10	8:00:00 AM	1	N		0	0	2	1	16	0	19	23	87	25.9%	46	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 8:35:00 AM	22-07-10	8:35:00 AM	1	N		0	0	0	1	31	0	32	33	87	37.4%	64	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 9:05:00 AM	22-07-10	9:05:00 AM	1	N		0	0	1	2	30	1	34	37	87	42.0%	145	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 9:35:00 AM	22-07-10	9:35:00 AM	1	N		0	0	0	2	43	2	47	48	87	55.2%	111	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 10:10:00 AM	22-07-10	10:10:00 AM	1	N		0	0	0	1	84	0	85	86	87	98.3%	276	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 10:40:00 AM	22-07-10	10:40:00 AM	1	N		0	0	0	2	84	2	88	89	87	102.3%	198	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 11:15:00 AM	22-07-10	11:15:00 AM	1	N		0	0	0	4	58	3	65	67	87	77.0%	224	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 12:05:00 PM	22-07-10	12:05:00 PM	1	N		0	0	0	4	94	3	101	103	87	118.4%	232	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 12:40:00 PM	22-07-10	12:40:00 PM	1	N		0	0	0	4	59	3	66	68	87	78.2%	234	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 1:15:00 PM	22-07-10	1:15:00 PM	1	N		0	0	5	2	86	2	95	104	87	119.0%	221	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 1:55:00 PM	22-07-10	1:55:00 PM	1	N		0	0	0	3	46	3	52	54	87	61.5%	179	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 2:40:00 PM	22-07-10	2:40:00 PM	1	N		0	0	0	0	87	1	88	88	87	101.1%	237	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 3:20:00 PM	22-07-10	3:20:00 PM	1	N		0	0	1	1	81	4	87	89	87	102.3%	225	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 4:00:00 PM	22-07-10	4:00:00 PM	1	N		0	0	0	1	67	0	68	69	87	78.7%	209	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 4:40:00 PM	22-07-10	4:40:00 PM	1	N		0	0	2	2	56	2	62	66	87	75.9%	129	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 5:10:00 PM	22-07-10	5:10:00 PM	1	N		0	0	0	1	80	1	82	83	87	94.8%	303	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 5:45:00 PM	22-07-10	5:45:00 PM	1	N		0	0	0	4	34	1	39	41	87	47.1%	97	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 6:15:00 PM	22-07-10	6:15:00 PM	1	N		0	0	1	2	81	1	85	88	87	100.6%	261	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 6:50:00 PM	22-07-10	6:50:00 PM	1	N		0	0	1	0	40	0	41	43	87	48.9%	98	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 7:20:00 PM	22-07-10	7:20:00 PM	1	N		0	0	0	1	59	5	65	66	87	75.3%	205	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 7:50:00 PM	22-07-10	7:50:00 PM	1	N		0	0	0	1	30	1	32	33	87	37.4%	83	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 8:50:00 PM	22-07-10	8:50:00 PM	1	N		0	0	0	0	46	2	48	48	87	55.2%	151	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 9:20:00 PM	22-07-10	9:20:00 PM	1	N		0	0	0	2	27	0	29	30	87	34.5%	72	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 9:50:00 PM	22-07-10	9:50:00 PM	1	N		0	0	0	0	10	0	10	10	87	11.5%	33	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	10-Jul-22 10:20:00 PM	22-07-10	10:20:00 PM	1	N		0	0	0	0	14	0	14	14	87	16.1%	34	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	10-Jul-22 10:50:00 PM	22-07-10	10:50:00 PM	1	N		0	0	0	0	4	0	4	4	87	4.6%	9	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 5:00:00 AM	22-07-11	5:00:00 AM	2	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 5:20:00 AM	22-07-11	5:20:00 AM	2	N		0	0	1	0	39	3	43	45	87	51.1%	53	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 5:50:00 AM	22-07-11	5:50:00 AM	2	N		0	1	1	2	7	0	11	15	87	17.2%	16	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 6:20:00 AM	22-07-11	6:20:00 AM	2	N		0	0	3	1	64	2	70	75	87	86.2%	104	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 6:50:00 AM	22-07-11	6:50:00 AM	2	N		0	0	5	15	58	0	78	93	87	106.9%	106	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 7:20:00 AM	22-07-11	7:20:00 AM	2	N		0	0	0	2	84	0	86	87	87	100.0%	148	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 8:00:00 AM	22-07-11	8:00:00 AM	2	N		0	1	2	5	52	1	61	68	87	78.2%	124	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 8:35:00 AM	22-07-11	8:35:00 AM	2	N		0	0	3	2	87	1	93	99	87	113.2%	160	5
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 9:05:00 AM	22-07-11	9:05:00 AM	2	N		0	0	4	8	34	0	46	56	87	64.4%	97	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 9:35:00 AM	22-07-11	9:35:00 AM	2	N		0	1	1	3	79	1	85	90	87	102.9%	145	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 10:10:00 AM	22-07-11	10:10:00 AM	2	N		0	1	0	7	51	0	59	64	87	73.6%	233	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 10:40:00 AM	22-07-11	10:40:00 AM	2	N		0	0	6	3	75	1	85	96	87	109.8%	171	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 11:15:00 AM	22-07-11	11:15:00 AM	2	N		0	0	2	2	73	0	77	81	87	93.1%	220	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 12:05:00 PM	22-07-11	12:05:00 PM	2	N		0	1	4	3	70	0	78	87	87	100.0%	148	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 12:40:00 PM	22-07-11	12:40:00 PM	2	N		0	0	1	4	53	0	58	62	87	70.7%	148	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 1:15:00 PM	22-07-11	1:15:00 PM	2	N		0	0	2	0	49	0	51	54	87	62.1%	105	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 1:55:00 PM	22-07-11	1:55:00 PM	2	N		0	0	2	3	56	1	62	67	87	76.4%	156	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 2:40:00 PM	22-07-11	2:40:00 PM	2	N		0	0	1	2	57	0	60	63	87	71.8%	225	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 3:20:00 PM	22-07-11	3:20:00 PM	2	N		0	0	1	7	84	3	95	100	87	114.9%	186	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 4:00:00 PM	22-07-11	4:00:00 PM	2	N		0	0	2	7	80	1	90	97	87	110.9%	213	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 4:40:00 PM	22-07-11	4:40:00 PM	2	N		0	0	1	4	90	1	96	100	87	114.4%	208	16
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 5:10:00 PM	22-07-11	5:10:00 PM	2	N		0	0	4	1	83	0	88	95	87	108.6%	258	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 5:45:00 PM	22-07-11	5:45:00 PM	2	N		0	0	0	5	90	0	95	98	87	112.1%	190	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 6:15:00 PM	22-07-11	6:15:00 PM	2	N		0	0	2	1	49	0	52	56	87	63.8%	173	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 6:50:00 PM	22-07-11	6:50:00 PM	2	N		0	0	0	3	57	2	62	64	87	73.0%	124	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 7:20:00 PM	22-07-11	7:20:00 PM	2	N		0	0	0	0	24	0	24	24	87	27.6%	95	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 7:50:00 PM	22-07-11	7:50:00 PM	2	N		0	0	0	0	35	0	35	35	87	40.2%	74	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 8:50:00 PM	22-07-11	8:50:00 PM	2	N		0	0	0	0	20	0	20	20	87	23.0%	66	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 9:20:00 PM	22-07-11	9:20:00 PM	2	N		0	0	0	1	26	0	27	28	87	31.6%	52	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 9:50:00 PM	22-07-11	9:50:00 PM	2	N		0	0	0	0	14	0	14	14	87	16.1%	43	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	11-Jul-22 10:20:00 PM	22-07-11	10:20:00 PM	2	N		0	0	0	0	10	0	10	10	87	11.5%	18	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	11-Jul-22 10:50:00 PM	22-07-11	10:50:00 PM	2	N		0	0	0	0	3	0	3	3	87	3.4%	15	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 5:00:00 AM	22-07-12	5:00:00 AM	3	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 5:20:00 AM	22-07-12	5:20:00 AM	3	N		0	0	1	1	25	1	28	30	87	34.5%	43	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 5:50:00 AM	22-07-12	5:50:00 AM	3	N		0	0	1	1	6	0	8	10	87	11.5%	11	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 6:20:00 AM	22-07-12	6:20:00 AM	3	N		0	0	4	2	70	2	78	85	87	97.7%	115	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 6:50:00 AM	22-07-12	6:50:00 AM	3	N		0	1	6	10	55	0	72	88	87	100.6%	103	4
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 7:20:00 AM	22-07-12	7:20:00 AM	3	N		0	0	1	2	94	2	99	102	87	116.7%	162	5
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 8:00:00 AM	22-07-12	8:00:00 AM	3	N		0	3	2	8	52	2	67	79	87	90.2%	116	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 8:35:00 AM	22-07-12	8:35:00 AM	3	N		0	0	3	1	90	6	100	105	87	120.7%	151	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 9:05:00 AM	22-07-12	9:05:00 AM	3	N		0	1	6	7	40	1	55	69	87	79.3%	132	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 9:35:00 AM	22-07-12	9:35:00 AM	3	N		0	0	2	0	76	2	80	83	87	95.4%	134	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 10:10:00 AM	22-07-12	10:10:00 AM	3	N		0	0	2	6	57	0	65	71	87	81.6%	243	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 10:40:00 AM	22-07-12	10:40:00 AM	3	N		0	1	3	3	82	0	89	97	87	110.9%	162	30

06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 11:15:00 AM	22-07-12	11:15:00 AM	3	N		0	0	2	9	60	3	74	82	87	93.7%	176	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 12:05:00 PM	22-07-12	12:05:00 PM	3	N		0	0	7	4	81	0	92	105	87	120.1%	171	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 1:55:00 PM	22-07-12	1:55:00 PM	3	N		0	1	1	4	84	1	91	96	87	110.3%	263	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 2:40:00 PM	22-07-12	2:40:00 PM	3	N		0	0	2	6	84	0	92	98	87	112.6%	213	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 3:20:00 PM	22-07-12	3:20:00 PM	3	N		0	0	0	5	85	2	92	95	87	108.6%	181	2
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 4:00:00 PM	22-07-12	4:00:00 PM	3	N		0	0	6	1	81	0	88	98	87	112.1%	229	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 4:40:00 PM	22-07-12	4:40:00 PM	3	N		0	0	1	3	90	2	96	99	87	113.8%	180	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 5:10:00 PM	22-07-12	5:10:00 PM	3	N		0	0	1	6	80	0	87	92	87	105.2%	216	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 5:45:00 PM	22-07-12	5:45:00 PM	3	N		0	0	0	5	92	5	102	105	87	120.1%	176	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 6:15:00 PM	22-07-12	6:15:00 PM	3	N		0	0	2	5	44	2	53	59	87	67.2%	236	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 6:50:00 PM	22-07-12	6:50:00 PM	3	N		0	0	0	3	90	1	94	96	87	109.8%	167	15
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 7:20:00 PM	22-07-12	7:20:00 PM	3	N		0	0	0	0	15	0	15	15	87	17.2%	78	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 7:50:00 PM	22-07-12	7:50:00 PM	3	N		0	0	0	0	54	1	55	55	87	63.2%	120	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 8:50:00 PM	22-07-12	8:50:00 PM	3	N		0	0	0	0	17	1	18	18	87	20.7%	55	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 9:20:00 PM	22-07-12	9:20:00 PM	3	N		0	0	0	3	39	0	42	44	87	50.0%	93	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 9:50:00 PM	22-07-12	9:50:00 PM	3	N		0	0	0	1	9	0	10	11	87	12.1%	26	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	12-Jul-22 10:20:00 PM	22-07-12	10:20:00 PM	3	N		0	0	0	1	13	0	14	15	87	16.7%	29	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	12-Jul-22 10:50:00 PM	22-07-12	10:50:00 PM	3	N		0	0	0	0	4	0	4	4	87	4.6%	17	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 5:00:00 AM	22-07-13	5:00:00 AM	4	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 5:20:00 AM	22-07-13	5:20:00 AM	4	N		0	1	0	1	24	1	27	29	87	33.3%	37	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 5:50:00 AM	22-07-13	5:50:00 AM	4	N		0	0	2	0	4	0	6	9	87	10.3%	10	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 6:20:00 AM	22-07-13	6:20:00 AM	4	N		0	0	1	3	57	1	62	65	87	74.7%	105	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 6:50:00 AM	22-07-13	6:50:00 AM	4	N		0	0	1	16	54	0	71	81	87	92.5%	99	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 7:20:00 AM	22-07-13	7:20:00 AM	4	N		0	0	0	1	89	0	90	91	87	104.0%	155	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 8:00:00 AM	22-07-13	8:00:00 AM	4	N		0	1	4	12	59	1	77	91	87	104.0%	154	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 8:35:00 AM	22-07-13	8:35:00 AM	4	N		0	0	3	2	89	3	97	103	87	117.8%	145	8
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 9:05:00 AM	22-07-13	9:05:00 AM	4	N		0	1	3	0	0	0	4	10	87	11.5%	4	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 9:35:00 AM	22-07-13	9:35:00 AM	4	N		0	0	2	3	90	2	97	102	87	116.7%	188	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 10:10:00 AM	22-07-13	10:10:00 AM	4	N		2	0	5	2	81	0	90	103	87	117.8%	313	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 10:40:00 AM	22-07-13	10:40:00 AM	4	N		0	0	2	2	78	1	83	87	87	100.0%	153	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 11:15:00 AM	22-07-13	11:15:00 AM	4	N		0	0	6	5	67	1	79	91	87	104.0%	216	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 12:05:00 PM	22-07-13	12:05:00 PM	4	N		0	0	4	3	75	1	83	91	87	104.0%	127	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 12:40:00 PM	22-07-13	12:40:00 PM	4	N		0	0	0	5	63	2	70	73	87	83.3%	151	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 1:15:00 PM	22-07-13	1:15:00 PM	4	N		0	0	3	1	60	1	65	70	87	80.5%	119	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 1:55:00 PM	22-07-13	1:55:00 PM	4	N		0	0	0	3	81	0	84	86	87	98.3%	194	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 2:40:00 PM	22-07-13	2:40:00 PM	4	N		0	0	5	1	91	0	97	105	87	120.7%	200	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 3:20:00 PM	22-07-13	3:20:00 PM	4	N		0	0	4	3	79	2	88	96	87	109.8%	207	13
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 4:00:00 PM	22-07-13	4:00:00 PM	4	N		0	0	2	0	0	0	2	5	87	5.7%	2	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 4:40:00 PM	22-07-13	4:40:00 PM	4	N		0	0	0	11	83	2	96	102	87	116.7%	176	24
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 5:10:00 PM	22-07-13	5:10:00 PM	4	N		1	0	0	4	92	0	97	101	87	116.1%	305	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 5:45:00 PM	22-07-13	5:45:00 PM	4	N		0	0	0	4	91	2	97	99	87	113.8%	172	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 6:15:00 PM	22-07-13	6:15:00 PM	4	N		0	0	6	5	77	0	88	100	87	114.4%	204	8
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 6:50:00 PM	22-07-13	6:50:00 PM	4	N		0	0	1	2	63	0	66	69	87	78.7%	126	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 7:20:00 PM	22-07-13	7:20:00 PM	4	N		0	0	2	0	35	0	37	40	87	46.0%	117	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 7:50:00 PM	22-07-13	7:50:00 PM	4	N		0	0	0	2	35	0	37	38	87	43.7%	75	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 8:50:00 PM	22-07-13	8:50:00 PM	4	N		0	0	0	1	21	0	22	23	87	25.9%	72	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 9:20:00 PM	22-07-13	9:20:00 PM	4	N		0	0	0	1	42	2	45	46	87	52.3%	81	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 9:50:00 PM	22-07-13	9:50:00 PM	4	N		0	0	0	1	11	0	12	13	87	14.4%	44	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	13-Jul-22 10:20:00 PM	22-07-13	10:20:00 PM	4	N		0	0	0	2	20	0	22	23	87	26.4%	52	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	13-Jul-22 10:50:00 PM	22-07-13	10:50:00 PM	4	N		0	0	0	0	1	0	1	1	87	1.1%	8	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 5:00:00 AM	22-07-14	5:00:00 AM	5	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 5:20:00 AM	22-07-14	5:20:00 AM	5	N		0	1	0	0	25	4	30	32	87	36.2%	45	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 5:50:00 AM	22-07-14	5:50:00 AM	5	N		0	1	0	0	7	0	8	10	87	10.9%	11	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 6:20:00 AM	22-07-14	6:20:00 AM	5	N		0	0	1	2	69	2	74	77	87	87.9%	111	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 6:50:00 AM	22-07-14	6:50:00 AM	5	N		0	0	3	9	52	0	64	73	87	83.9%	96	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 7:20:00 AM	22-07-14	7:20:00 AM	5	N		0	0	0	0	90	1	91	91	87	104.6%	162	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 9:35:00 AM	22-07-14	9:35:00 AM	5	N		0	1	2	4	76	1	84	91	87	104.0%	143	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 10:10:00 AM	22-07-14	10:10:00 AM	5	N		0	0	2	8	55	0	65	72	87	82.8%	291	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 10:40:00 AM	22-07-14	10:40:00 AM	5	N		0	0	0	3	80	1	84	86	87	98.3%	149	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 11:15:00 AM	22-07-14	11:15:00 AM	5	N		0	2	2	3	61	0	68	76	87	86.8%	219	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 12:05:00 PM	22-07-14	12:05:00 PM	5	N		0	0	3	3	59	0	65	71	87	81.6%	130	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 12:40:00 PM	22-07-14	12:40:00 PM	5	N		0	0	0	5	69	2	76	79	87	90.2%	212	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 1:15:00 PM	22-07-14	1:15:00 PM	5	N		0	1	4	2	72	1	80	89	87	101.7%	169	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 1:55:00 PM	22-07-14	1:55:00 PM	5	N		0	1	1	3	81	1	87	92	87	105.2%	145	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 2:40:00 PM	22-07-14	2:40:00 PM	5	N		1	1	3	7	83	0	95	107	87	122.4%	319	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 3:20:00 PM	22-07-14	3:20:00 PM	5	N		0	0	2	3	86	4	95	100	87	114.4%	188	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 4:00:00 PM	22-07-14	4:00:00 PM	5	N		0	0	4	6	78	0	88	97	87	111.5%	313	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 4:40:00 PM	22-07-14	4:40:00 PM	5	N		0	0	1	3	88	4	96	99	87	113.8%	207	50
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 5:10:00 PM	22-07-14	5:10:00 PM	5	N		0	0	5	7	81	0	93	104	87	119.5%	252	3
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 5:45:00 PM	22-07-14	5:45:00 PM	5	N		0	0	1	1	100	2	104	106	87	121.8%	198	30
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 6:15:00 PM	22-07-14	6:15:00 PM	5	N		0	0	1	3	50	0	54	57	87	65.5%	171	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 6:50:00 PM	22-07-14	6:50:00 PM	5	N		0	0	0	4	90	0	94	96	87	110.3%	182	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 7:20:00 PM	22-07-14	7:20:00 PM	5	N		0	0	1	0	20	0	21	23	87	25.9%	76	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 7:50:00 PM	22-07-14	7:50:00 PM	5	N		0	0	0	0	46	1	47	47	87	54.0%	80	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 8:50:00 PM	22-07-14	8:50:00 PM	5	N		0	0	0	0	24	1	25	25	87	28.7%	141	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 9:20:00 PM	22-07-14	9:20:00 PM	5	N		0	0	0	0	45	0	45	45	87	51.7%	81	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 9:50:00 PM	22-07-14	9:50:00 PM	5	N		0	0	0	0	10	0	10	10	87	11.5%	34	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	14-Jul-22 10:20:00 PM	22-07-14	10:20:00 PM	5	N		0	0	0	1	14	1	16	17	87	19.0%	32	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	14-Jul-22 10:50:00 PM	22-07-14	10:50:00 PM	5	N		0	0	0	0	3	0	3	3	87	3.4%	9	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 5:00:00 AM	22-07-15	5:00:00 AM	6	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 5:20:00 AM	22-07-15	5:20:00 AM	6	N		2	0	1	0	18	0	21	27	87	30.5%	32	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 5:50:00 AM	22-07-15	5:50:00 AM	6	N		0	0	0	0	5	0	5	5	87	5.7%	6	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 6:20:00 AM	22-07-15	6:20:00 AM	6	N		0	0	2	1	45	1	49	53	87	60.3%	88	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 6:50:00 AM	22-07-15	6:50:00 AM	6	N		0	0	2	10	38	0	50	58	87	66.7%	75	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 7:20:00 AM	22-07-15	7:20:00 AM	6	N		0	0	1	1	55	0	57	59	87	67.8%	110	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 8:00:00 AM	22-07-15	8:00:00 AM	6	N		0	1	4	9	55	2	71	83	87	95.4%	139	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 8:35:00 AM	22-07-15	8:35:00 AM	6	N		0	0	2	0	55	2	59	62	87	71.3%	85	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 9:05:00 AM	22-07-15	9:05:00 AM	6	N		0	0	1	2	41	0	44	47	87	53.4%	103	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 9:35:00 AM	22-07-15	9:35:00 AM	6	N		0	1	2	2	88	4	97	103	87	117.8%	177	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 10:10:00 AM	22-07-15	10:10:00 AM	6	N		0	0	2	5	69	0	76	82	87	93.7%	180	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 10:40:00 AM	22-07-15	10:40:00 AM	6	N		0	0	2	1	83	2	88	92	87	105.2%	177	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 11:15:00 AM	22-07-15	11:15:00 AM	6	N		0	0	8	3	72	2	85	99	87	113.2%	213	15
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 12:05:00 PM	22-07-15	12:05:00 PM	6	N		0	0	3	2	61	0	66	72	87	82.2%	121	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 12:40:00 PM	22-07-15	12:40:00 PM	6	N		0	0	1	5	91	0	97	101	87	116.1%	211	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 1:15:00 PM	22-07-15	1:15:00 PM	6	N		1	0	3	2	69	0	75	83	87	94.8%	155	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 1:55:00 PM	22-07-15	1:55:00 PM	6	N		0	1	2	4	80	0	87	94	87	107.5%	195	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 2:40:00 PM	22-07-15	2:40:00 PM	6	N		0	0	1	6	75	0	82	87	87	99.4%	254	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 3:20:00 PM	22-07-15	3:20:00 PM	6	N		0	1	1	4	79	3	88	93	87	106.9%	185	33
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 4:00:00 PM	22-07-15	4:00:00 PM	6	N		0	1	2	5	76	0	84	91	87	104.6%	206	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 4:40:00 PM	22-07-15	4:40:00 PM	6	N		0	0	1	3	91	3	98	101	87	116.1%	216	75
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 5:10:00 PM	22-07-15	5:10:00 PM	6	N		0	1	1	2	58	0	62	66	87	75.9%	152	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 5:45:00 PM	22-07-15	5:45:00 PM	6	N		0	0	1	1	96	3	101	103	87	118.4%	223	77
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 6:15:00 PM	22-07-15	6:15:00 PM	6	N		0	0	0	0	29	0	29	29	87	33.3%	99	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 6:50:00 PM	22-07-15	6:50:00 PM	6	N		0	0	1	4	90	0	95	99	87	113.2%	213	41
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 7:20:00 PM	22-07-15	7:20:00 PM	6	N		0	0	1	0	25	0	26	28	87	31.6%	60	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 7:50:00 PM	22-07-15	7:50:00 PM	6	N		0	0	0	3	74	0	77	79	87	90.2%	146	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 8:50:00 PM	22-07-15	8:50:00 PM	6	N		0	0	1	1	21	0	23	25	87	28.7%	56	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 9:20:00 PM	22-07-15	9:20:00 PM	6	N		0	0	0	2	50	2	54	55	87	63.2%	100	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 9:50:00 PM	22-07-15	9:50:00 PM	6	N		0	0	0	0	11	0	11	11	87	12.6%	56	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	15-Jul-22 10:20:00 PM	22-07-15	10:20:00 PM	6	N		0	0	0	1	18	0	19	20	87	22.4%	38	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	15-Jul-22 10:50:00 PM	22-07-15	10:50:00 PM	6	N		0	0	0	0	5	0	5	5	87	5.7%	16	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 5:00:00 AM	22-07-16	5:00:00 AM	7	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 5:20:00 AM	22-07-16	5:20:00 AM	7	N		0	0	0	0	6	0	6	6	87	6.9%	7	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 5:50:00 AM	22-07-16	5:50:00 AM	7	N		0	0	0	0	1	0	1	1	87	1.1%	2	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 6:20:00 AM	22-07-16	6:20:00 AM	7	N		0	0	0	0	21	0	21	21	87	24.1%	27	0

06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 6:50:00 AM	22-07-16	6:50:00 AM	7	N		0	0	0	3	16	0	19	21	87	23.6%	39	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 7:20:00 AM	22-07-16	7:20:00 AM	7	N		0	0	0	0	16	0	16	16	87	18.4%	34	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 8:00:00 AM	22-07-16	8:00:00 AM	7	N		0	0	1	0	36	0	37	39	87	44.3%	97	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 8:35:00 AM	22-07-16	8:35:00 AM	7	N		0	0	0	0	63	0	63	63	87	72.4%	116	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 9:05:00 AM	22-07-16	9:05:00 AM	7	N		0	0	0	4	49	0	53	55	87	63.2%	144	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 9:35:00 AM	22-07-16	9:35:00 AM	7	N		0	0	0	0	57	1	58	58	87	66.7%	127	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 10:10:00 AM	22-07-16	10:10:00 AM	7	N		0	0	2	4	81	0	87	92	87	105.7%	304	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 10:40:00 AM	22-07-16	10:40:00 AM	7	N		0	0	2	0	67	1	70	73	87	83.9%	147	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 11:15:00 AM	22-07-16	11:15:00 AM	7	N		0	0	0	5	90	1	96	99	87	113.2%	334	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 12:05:00 PM	22-07-16	12:05:00 PM	7	N		0	0	2	2	59	2	65	69	87	79.3%	154	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 12:40:00 PM	22-07-16	12:40:00 PM	7	N		0	0	1	3	63	2	69	72	87	82.8%	274	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 1:15:00 PM	22-07-16	1:15:00 PM	7	N		0	0	0	0	50	0	50	50	87	57.5%	133	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 1:55:00 PM	22-07-16	1:55:00 PM	7	N		0	0	0	3	69	1	73	75	87	85.6%	257	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 2:40:00 PM	22-07-16	2:40:00 PM	7	N		0	0	0	1	67	0	68	69	87	78.7%	204	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 3:20:00 PM	22-07-16	3:20:00 PM	7	N		0	0	2	2	57	0	61	65	87	74.7%	207	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 4:00:00 PM	22-07-16	4:00:00 PM	7	N		0	0	0	1	50	0	51	52	87	59.2%	198	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 4:40:00 PM	22-07-16	4:40:00 PM	7	N		0	0	0	4	75	0	79	81	87	93.1%	180	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 5:10:00 PM	22-07-16	5:10:00 PM	7	N		0	0	1	0	42	0	43	45	87	51.1%	182	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 5:45:00 PM	22-07-16	5:45:00 PM	7	N		0	0	0	2	58	0	60	61	87	70.1%	112	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 6:15:00 PM	22-07-16	6:15:00 PM	7	N		0	0	0	1	63	0	64	65	87	74.1%	225	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 6:50:00 PM	22-07-16	6:50:00 PM	7	N		0	0	0	0	41	2	43	43	87	49.4%	103	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 8:50:00 PM	22-07-16	8:50:00 PM	7	N		0	0	1	2	63	0	66	69	87	78.7%	231	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 9:20:00 PM	22-07-16	9:20:00 PM	7	N		0	0	0	3	54	0	57	59	87	67.2%	129	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 9:50:00 PM	22-07-16	9:50:00 PM	7	N		0	0	0	1	31	0	32	33	87	37.4%	111	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	16-Jul-22 10:20:00 PM	22-07-16	10:20:00 PM	7	N		0	0	0	2	10	0	12	13	87	14.9%	36	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	16-Jul-22 10:50:00 PM	22-07-16	10:50:00 PM	7	N		0	0	0	0	8	0	8	8	87	9.2%	41	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 5:50:00 AM	22-07-17	5:50:00 AM	1	N		0	0	0	0	1	0	1	1	87	1.1%	3	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 6:20:00 AM	22-07-17	6:20:00 AM	1	N		0	0	0	0	14	0	14	14	87	16.1%	27	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 6:50:00 AM	22-07-17	6:50:00 AM	1	N		0	0	0	0	8	0	8	8	87	9.2%	18	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 7:20:00 AM	22-07-17	7:20:00 AM	1	N		0	0	0	0	35	0	35	35	87	40.2%	64	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 8:00:00 AM	22-07-17	8:00:00 AM	1	N		0	0	0	1	19	0	20	21	87	23.6%	54	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 8:35:00 AM	22-07-17	8:35:00 AM	1	N		0	0	0	0	40	3	43	43	87	49.4%	90	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 9:05:00 AM	22-07-17	9:05:00 AM	1	N		0	0	0	1	32	1	34	35	87	39.7%	94	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 9:35:00 AM	22-07-17	9:35:00 AM	1	N		0	0	0	1	77	1	79	80	87	91.4%	194	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 10:10:00 AM	22-07-17	10:10:00 AM	1	N		0	0	0	2	57	2	61	62	87	71.3%	208	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 10:40:00 AM	22-07-17	10:40:00 AM	1	N		0	0	0	1	87	0	88	89	87	101.7%	211	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 11:15:00 AM	22-07-17	11:15:00 AM	1	N		0	0	0	2	91	0	93	94	87	108.0%	346	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 12:05:00 PM	22-07-17	12:05:00 PM	1	N		0	0	0	1	97	0	98	99	87	113.2%	252	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 12:40:00 PM	22-07-17	12:40:00 PM	1	N		0	0	1	4	89	0	94	98	87	112.1%	340	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 1:15:00 PM	22-07-17	1:15:00 PM	1	N		0	0	0	2	90	4	96	97	87	111.5%	235	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 1:55:00 PM	22-07-17	1:55:00 PM	1	N		0	0	0	2	73	0	75	76	87	87.4%	250	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 2:40:00 PM	22-07-17	2:40:00 PM	1	N		0	0	1	2	91	0	94	97	87	110.9%	276	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 3:20:00 PM	22-07-17	3:20:00 PM	1	N		0	0	0	2	65	1	68	69	87	79.3%	179	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 4:00:00 PM	22-07-17	4:00:00 PM	1	N		0	0	1	1	78	0	80	82	87	94.3%	294	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 4:40:00 PM	22-07-17	4:40:00 PM	1	N		0	0	1	1	44	0	46	48	87	55.2%	121	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 5:10:00 PM	22-07-17	5:10:00 PM	1	N		0	0	0	1	86	1	88	89	87	101.7%	276	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 5:45:00 PM	22-07-17	5:45:00 PM	1	N		0	0	0	3	44	0	47	49	87	55.7%	113	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 6:15:00 PM	22-07-17	6:15:00 PM	1	N		0	0	1	0	84	2	87	89	87	101.7%	248	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 6:50:00 PM	22-07-17	6:50:00 PM	1	N		0	0	0	1	42	0	43	44	87	50.0%	122	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 7:20:00 PM	22-07-17	7:20:00 PM	1	N		0	0	0	1	61	0	62	63	87	71.8%	161	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 7:50:00 PM	22-07-17	7:50:00 PM	1	N		0	0	0	1	30	0	31	32	87	36.2%	70	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 8:50:00 PM	22-07-17	8:50:00 PM	1	N		0	0	0	0	45	0	45	45	87	51.7%	120	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 9:20:00 PM	22-07-17	9:20:00 PM	1	N		0	0	0	0	25	1	26	26	87	29.9%	49	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 9:50:00 PM	22-07-17	9:50:00 PM	1	N		0	0	0	0	18	0	18	18	87	20.7%	61	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	17-Jul-22 10:20:00 PM	22-07-17	10:20:00 PM	1	N		0	0	0	1	7	0	8	9	87	9.8%	25	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	17-Jul-22 10:50:00 PM	22-07-17	10:50:00 PM	1	N		0	0	0	0	9	0	9	9	87	10.3%	31	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 5:00:00 AM	22-07-18	5:00:00 AM	2	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 5:20:00 AM	22-07-18	5:20:00 AM	2	N		0	0	0	0	27	3	30	30	87	34.5%	37	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 5:50:00 AM	22-07-18	5:50:00 AM	2	N		0	1	2	0	7	0	10	15	87	16.7%	21	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 6:20:00 AM	22-07-18	6:20:00 AM	2	N		0	0	2	1	71	0	74		78	87	89.1%	109	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 6:50:00 AM	22-07-18	6:50:00 AM	2	N		0	0	3	7	50	0	60		68	87	78.2%	84	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 7:20:00 AM	22-07-18	7:20:00 AM	2	N		0	0	0	1	81	2	84		85	87	97.1%	134	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 8:00:00 AM	22-07-18	8:00:00 AM	2	N		0	1	8	7	54	0	70		87	87	100.0%	128	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 8:35:00 AM	22-07-18	8:35:00 AM	2	N		0	0	2	1	75	1	79		83	87	94.8%	133	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 9:05:00 AM	22-07-18	9:05:00 AM	2	N		0	0	4	2	36	1	43		50	87	57.5%	196	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 9:35:00 AM	22-07-18	9:35:00 AM	2	N		0	1	4	1	80	0	86		94	87	108.0%	153	5
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 10:10:00 AM	22-07-18	10:10:00 AM	2	N		0	0	4	4	54	0	62		70	87	80.5%	157	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 10:40:00 AM	22-07-18	10:40:00 AM	2	N		0	2	4	1	80	0	87		97	87	110.9%	151	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 11:15:00 AM	22-07-18	11:15:00 AM	2	N		0	0	7	2	51	0	60		72	87	82.2%	168	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 12:05:00 PM	22-07-18	12:05:00 PM	2	N		0	0	1	2	84	0	87		90	87	102.9%	177	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 12:40:00 PM	22-07-18	12:40:00 PM	2	N		0	0	2	6	50	0	58		64	87	73.6%	139	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 1:15:00 PM	22-07-18	1:15:00 PM	2	N		0	0	3	0	63	0	66		71	87	81.0%	131	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 1:55:00 PM	22-07-18	1:55:00 PM	2	N		0	0	1	2	67	1	71		74	87	84.5%	152	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 2:40:00 PM	22-07-18	2:40:00 PM	2	N		0	0	2	2	63	1	68		72	87	82.8%	171	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 3:20:00 PM	22-07-18	3:20:00 PM	2	N		0	0	1	1	86	0	88		90	87	103.4%	167	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 4:00:00 PM	22-07-18	4:00:00 PM	2	N		0	0	1	4	85	0	90		94	87	107.5%	269	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 4:40:00 PM	22-07-18	4:40:00 PM	2	N		0	0	3	3	81	2	89		95	87	109.2%	164	12
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 5:10:00 PM	22-07-18	5:10:00 PM	2	N		0	0	4	6	61	0	71		80	87	92.0%	170	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 5:45:00 PM	22-07-18	5:45:00 PM	2	N		0	0	1	3	90	1	95		98	87	112.6%	173	10
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 6:15:00 PM	22-07-18	6:15:00 PM	2	N		0	0	2	3	40	0	45		50	87	56.9%	113	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 6:50:00 PM	22-07-18	6:50:00 PM	2	N		0	0	0	2	65	2	69		70	87	80.5%	127	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 7:20:00 PM	22-07-18	7:20:00 PM	2	N		0	0	1	0	33	0	34		36	87	40.8%	71	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 7:50:00 PM	22-07-18	7:50:00 PM	2	N		0	0	0	2	36	0	38		39	87	44.8%	78	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 8:50:00 PM	22-07-18	8:50:00 PM	2	N		0	0	0	0	18	0	18		18	87	20.7%	45	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 9:20:00 PM	22-07-18	9:20:00 PM	2	N		0	0	0	1	46	0	47		48	87	54.6%	87	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 9:50:00 PM	22-07-18	9:50:00 PM	2	N		0	0	0	0	11	0	11		11	87	12.6%	26	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	18-Jul-22 10:20:00 PM	22-07-18	10:20:00 PM	2	N		0	0	0	1	13	0	14		15	87	16.7%	18	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	18-Jul-22 10:50:00 PM	22-07-18	10:50:00 PM	2	N		0	0	0	0	2	0	2		2	87	2.3%	5	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 5:00:00 AM	22-07-19	5:00:00 AM	3	Y		0	0	0	0	0	0	0		0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 5:20:00 AM	22-07-19	5:20:00 AM	3	N		0	1	1	0	21	2	25		28	87	32.2%	37	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 5:50:00 AM	22-07-19	5:50:00 AM	3	N		0	0	3	0	8	0	11		16	87	17.8%	17	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 6:20:00 AM	22-07-19	6:20:00 AM	3	N		0	0	2	2	74	1	79		83	87	95.4%	124	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 6:50:00 AM	22-07-19	6:50:00 AM	3	N		0	0	1	12	55	1	69		77	87	87.9%	98	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 7:20:00 AM	22-07-19	7:20:00 AM	3	N		0	0	0	3	95	1	99		101	87	115.5%	170	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 8:00:00 AM	22-07-19	8:00:00 AM	3	N		0	1	6	14	58	0	79		97	87	110.9%	134	6
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 8:35:00 AM	22-07-19	8:35:00 AM	3	N		0	0	1	2	94	1	98		101	87	115.5%	181	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 9:05:00 AM	22-07-19	9:05:00 AM	3	N		0	0	4	9	54	2	69		80	87	91.4%	215	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 9:35:00 AM	22-07-19	9:35:00 AM	3	N		0	0	4	1	75	1	81		88	87	100.6%	174	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 10:10:00 AM	22-07-19	10:10:00 AM	3	N		0	1	3	3	58	1	66		74	87	84.5%	261	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 10:40:00 AM	22-07-19	10:40:00 AM	3	N		0	0	2	2	77	0	81		85	87	97.7%	144	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 11:15:00 AM	22-07-19	11:15:00 AM	3	N		0	1	4	5	64	0	74		84	87	96.6%	259	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 12:05:00 PM	22-07-19	12:05:00 PM	3	N		0	1	5	0	77	3	86		95	87	109.2%	155	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 12:40:00 PM	22-07-19	12:40:00 PM	3	N		0	0	2	3	58	2	65		70	87	79.9%	190	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 1:15:00 PM	22-07-19	1:15:00 PM	3	N		0	0	4	3	44	0	51		59	87	67.2%	150	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 1:55:00 PM	22-07-19	1:55:00 PM	3	N		0	0	0	2	51	1	54		55	87	63.2%	140	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 2:40:00 PM	22-07-19	2:40:00 PM	3	N		0	0	5	5	77	0	87		97	87	111.5%	298	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 3:20:00 PM	22-07-19	3:20:00 PM	3	N		0	0	0	1	78	2	81		82	87	93.7%	141	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 4:00:00 PM	22-07-19	4:00:00 PM	3	N		0	0	2	3	80	2	87		92	87	105.2%	253	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 4:40:00 PM	22-07-19	4:40:00 PM	3	N		0	0	1	4	87	2	94		98	87	112.1%	212	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 5:10:00 PM	22-07-19	5:10:00 PM	3	N		0	0	2	8	68	0	78		85	87	97.7%	228	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 5:45:00 PM	22-07-19	5:45:00 PM	3	N		0	0	0	3	92	2	97		99	87	113.2%	183	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 6:15:00 PM	22-07-19	6:15:00 PM	3	N		0	0	1	4	42	1	48		52	87	59.2%	138	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 6:50:00 PM	22-07-19	6:50:00 PM	3	N		0	0	0	3	63	0	66		68	87	77.6%	143	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 7:20:00 PM	22-07-19	7:20:00 PM	3	N		0	0	0	0	24	2	26		26	87	29.9%	59	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 7:50:00 PM	22-07-19	7:50:00 PM	3	N		0	0	0	3	45	0	48		50	87	56.9%	101	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 8:50:00 PM	22-07-19	8:50:00 PM	3	N		0	0	0	0	19	0	19		19	87	21.8%	59	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 9:20:00 PM	22-07-19	9:20:00 PM	3	N		0	0	0	4	47	1	52		54	87	62.1%	96	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 9:50:00 PM	22-07-19	9:50:00 PM	3	N		0	0	0	0	12	0	12		12	87	13.8%	39	0

06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	19-Jul-22 10:20:00 PM	22-07-19	10:20:00 PM	3	N		0	0	0	2	17	0	19	20	87	23.0%	34	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	19-Jul-22 10:50:00 PM	22-07-19	10:50:00 PM	3	N		0	0	0	0	3	0	3	3	87	3.4%	4	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 5:00:00 AM	22-07-20	5:00:00 AM	4	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 5:20:00 AM	22-07-20	5:20:00 AM	4	N		0	0	1	0	23	1	25	27	87	30.5%	44	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 5:50:00 AM	22-07-20	5:50:00 AM	4	N		0	1	0	1	6	0	8	10	87	11.5%	13	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 6:20:00 AM	22-07-20	6:20:00 AM	4	N		0	1	2	0	59	3	65	70	87	79.9%	106	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 6:50:00 AM	22-07-20	6:50:00 AM	4	N		0	0	3	15	51	0	69	81	87	93.1%	100	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 7:20:00 AM	22-07-20	7:20:00 AM	4	N		0	0	1	1	95	1	98	100	87	114.9%	170	5
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 8:00:00 AM	22-07-20	8:00:00 AM	4	N		0	0	9	7	55	0	71	88	87	101.1%	126	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 8:35:00 AM	22-07-20	8:35:00 AM	4	N		1	0	3	2	87	0	93	101	87	115.5%	146	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 9:05:00 AM	22-07-20	9:05:00 AM	4	N		0	0	4	0	0	0	4	10	87	11.5%	4	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 9:35:00 AM	22-07-20	9:35:00 AM	4	N		0	0	3	1	86	0	90	95	87	109.2%	145	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 10:10:00 AM	22-07-20	10:10:00 AM	4	N		0	0	1	6	75	0	82	87	87	99.4%	319	46
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 10:40:00 AM	22-07-20	10:40:00 AM	4	N		0	0	1	2	88	0	91	94	87	107.5%	174	6
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 11:15:00 AM	22-07-20	11:15:00 AM	4	N		0	1	1	7	79	1	89	96	87	109.8%	251	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 1:15:00 PM	22-07-20	1:15:00 PM	4	N		0	0	1	5	91	0	97	101	87	116.1%	206	4
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 1:55:00 PM	22-07-20	1:55:00 PM	4	N		0	0	1	0	96	0	97	99	87	113.2%	250	13
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 2:40:00 PM	22-07-20	2:40:00 PM	4	N		0	0	4	2	85	0	91	98	87	112.6%	287	12
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 3:20:00 PM	22-07-20	3:20:00 PM	4	N		0	0	0	1	96	5	102	103	87	117.8%	174	3
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 4:00:00 PM	22-07-20	4:00:00 PM	4	N		0	0	3	0	0	0	3	8	87	8.6%	3	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 4:40:00 PM	22-07-20	4:40:00 PM	4	N		0	0	1	6	86	2	95	100	87	114.4%	194	5
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 5:10:00 PM	22-07-20	5:10:00 PM	4	N		0	0	3	4	86	1	94	101	87	115.5%	311	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 5:45:00 PM	22-07-20	5:45:00 PM	4	N		0	0	0	3	93	1	97	99	87	113.2%	187	12
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 6:15:00 PM	22-07-20	6:15:00 PM	4	N		0	0	4	1	78	0	83	90	87	102.9%	172	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 6:50:00 PM	22-07-20	6:50:00 PM	4	N		0	0	0	3	84	1	88	90	87	102.9%	147	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 7:20:00 PM	22-07-20	7:20:00 PM	4	N		0	0	0	1	24	1	26	27	87	30.5%	120	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 7:50:00 PM	22-07-20	7:50:00 PM	4	N		0	0	0	3	51	1	55	57	87	64.9%	97	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 8:50:00 PM	22-07-20	8:50:00 PM	4	N		0	0	0	1	27	1	29	30	87	33.9%	72	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 9:20:00 PM	22-07-20	9:20:00 PM	4	N		0	0	0	1	44	0	45	46	87	52.3%	100	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 9:50:00 PM	22-07-20	9:50:00 PM	4	N		0	0	0	1	8	0	9	10	87	10.9%	18	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	20-Jul-22 10:20:00 PM	22-07-20	10:20:00 PM	4	N		0	0	0	2	16	0	18	19	87	21.8%	32	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	20-Jul-22 10:50:00 PM	22-07-20	10:50:00 PM	4	N		0	0	0	0	3	0	3	3	87	3.4%	10	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 5:00:00 AM	22-07-21	5:00:00 AM	5	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 5:20:00 AM	22-07-21	5:20:00 AM	5	N		0	1	0	1	22	2	26	28	87	32.2%	42	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 5:50:00 AM	22-07-21	5:50:00 AM	5	N		0	2	0	0	10	0	12	15	87	17.2%	16	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 6:20:00 AM	22-07-21	6:20:00 AM	5	N		0	0	1	1	53	0	55	57	87	65.5%	107	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 6:50:00 AM	22-07-21	6:50:00 AM	5	N		0	0	2	14	53	0	69	79	87	90.8%	103	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 7:20:00 AM	22-07-21	7:20:00 AM	5	N		0	1	1	4	88	1	95	100	87	114.9%	159	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 8:00:00 AM	22-07-21	8:00:00 AM	5	N		0	1	6	14	50	0	71	89	87	101.7%	112	27
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 8:35:00 AM	22-07-21	8:35:00 AM	5	N		0	0	2	1	93	2	98	102	87	116.7%	192	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 9:05:00 AM	22-07-21	9:05:00 AM	5	N		0	0	8	8	60	1	77	93	87	106.9%	173	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 9:35:00 AM	22-07-21	9:35:00 AM	5	N		0	0	2	1	91	1	95	99	87	113.2%	192	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 10:10:00 AM	22-07-21	10:10:00 AM	5	N		0	0	1	6	85	4	96	101	87	115.5%	362	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 10:40:00 AM	22-07-21	10:40:00 AM	5	N		0	1	2	3	84	1	91	97	87	111.5%	174	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 11:15:00 AM	22-07-21	11:15:00 AM	5	N		0	0	2	7	81	1	91	98	87	112.1%	287	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 1:15:00 PM	22-07-21	1:15:00 PM	5	N		0	0	4	3	86	2	95	103	87	117.8%	259	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 1:55:00 PM	22-07-21	1:55:00 PM	5	N		0	0	1	5	86	1	93	97	87	111.5%	220	16
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 2:40:00 PM	22-07-21	2:40:00 PM	5	N		1	1	5	5	80	1	93	107	87	122.4%	261	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 3:20:00 PM	22-07-21	3:20:00 PM	5	N		0	0	0	1	93	2	96	97	87	110.9%	231	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 4:00:00 PM	22-07-21	4:00:00 PM	5	N		0	0	0	5	85	0	90	93	87	106.3%	217	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 4:40:00 PM	22-07-21	4:40:00 PM	5	N		0	0	2	5	82	4	93	99	87	113.2%	199	24
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 5:10:00 PM	22-07-21	5:10:00 PM	5	N		0	0	5	3	83	3	94	103	87	118.4%	235	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 5:45:00 PM	22-07-21	5:45:00 PM	5	N		0	0	0	4	94	2	100	102	87	117.2%	186	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 6:15:00 PM	22-07-21	6:15:00 PM	5	N		0	0	3	4	67	1	75	82	87	93.7%	195	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 6:50:00 PM	22-07-21	6:50:00 PM	5	N		0	0	0	5	85	0	90	93	87	106.3%	163	5
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 7:20:00 PM	22-07-21	7:20:00 PM	5	N		0	0	0	0	23	1	24	24	87	27.6%	88	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 7:50:00 PM	22-07-21	7:50:00 PM	5	N		0	0	0	3	58	0	61	63	87	71.8%	94	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 8:50:00 PM	22-07-21	8:50:00 PM	5	N		0	0	0	1	18	2	21	22	87	24.7%	79	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 9:20:00 PM	22-07-21	9:20:00 PM	5	N		0	0	0	0	59	1	60	60	87	69.0%	118	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 9:50:00 PM	22-07-21	9:50:00 PM	5	N		0	0	0	0	9	0	9	9	87	10.3%	26	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	21-Jul-22 10:20:00 PM	22-07-21	10:20:00 PM	5	N		0	0	0	0	18	1	19	19	87	21.8%	28	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	21-Jul-22 10:50:00 PM	22-07-21	10:50:00 PM	5	N		0	0	0	0	7	1	8	8	87	9.2%	10	0
06	Charter Vessels 4	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 6:21:00 AM	22-07-22	6:21:00 AM	6	N		0	0	0	0	0	0	0	0	0	0.0%	12	0
06	Charter Vessels 4	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 6:40:00 AM	22-07-22	6:40:00 AM	6	N		0	0	0	0	0	0	0	0	0	0.0%	0	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 6:50:00 AM	22-07-22	6:50:00 AM	6	N		0	1	2	14	43	0	60	72	87	82.2%	92	0
06	Charter Vessels 4	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 6:50:00 AM	22-07-22	6:50:00 AM	6	N		0	0	0	0	0	0	0	0	0	0.0%	12	0
06	Charter Vessels 4	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 7:06:00 AM	22-07-22	7:06:00 AM	6	N		0	0	0	0	0	0	0	0	0	0.0%	1	0
06	Charter Vessels 4	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 7:18:00 AM	22-07-22	7:18:00 AM	6	N		0	0	0	0	0	0	0	0	0	0.0%	12	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 7:20:00 AM	22-07-22	7:20:00 AM	6	N		0	0	5	4	83	2	94	104	87	119.0%	188	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 8:00:00 AM	22-07-22	8:00:00 AM	6	N		0	2	2	8	51	0	63	73	87	83.9%	129	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 8:35:00 AM	22-07-22	8:35:00 AM	6	N		0	0	3	0	91	4	98	103	87	117.8%	170	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 9:05:00 AM	22-07-22	9:05:00 AM	6	N		0	0	4	2	51	0	57	64	87	73.6%	169	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 9:35:00 AM	22-07-22	9:35:00 AM	6	N		0	2	1	1	82	1	87	92	87	105.7%	166	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 10:10:00 AM	22-07-22	10:10:00 AM	6	N		0	1	6	6	65	0	78	92	87	105.2%	215	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 10:40:00 AM	22-07-22	10:40:00 AM	6	N		0	1	4	2	80	0	87	96	87	109.8%	170	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 12:40:00 PM	22-07-22	12:40:00 PM	6	N		0	0	3	4	84	2	93	100	87	114.4%	227	10
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 1:15:00 PM	22-07-22	1:15:00 PM	6	N		0	1	4	1	80	2	88	96	87	110.3%	165	7
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 1:55:00 PM	22-07-22	1:55:00 PM	6	N		0	0	3	6	80	1	90	98	87	112.1%	235	15
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 2:40:00 PM	22-07-22	2:40:00 PM	6	N		1	0	3	5	80	0	89	98	87	112.6%	267	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 3:20:00 PM	22-07-22	3:20:00 PM	6	N		0	0	1	5	92	1	99	103	87	118.4%	213	28
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 4:00:00 PM	22-07-22	4:00:00 PM	6	N		0	0	1	5	80	0	86	90	87	103.4%	238	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 4:40:00 PM	22-07-22	4:40:00 PM	6	N		0	0	1	1	87	4	93	95	87	109.2%	204	47
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 5:10:00 PM	22-07-22	5:10:00 PM	6	N		0	0	2	3	72	0	77	82	87	93.7%	182	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 5:45:00 PM	22-07-22	5:45:00 PM	6	N		0	0	0	4	91	2	97	99	87	113.8%	252	63
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 6:15:00 PM	22-07-22	6:15:00 PM	6	N		0	0	1	1	52	1	55	57	87	65.5%	179	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 6:50:00 PM	22-07-22	6:50:00 PM	6	N		0	0	0	6	87	1	94	97	87	111.5%	198	40
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 7:20:00 PM	22-07-22	7:20:00 PM	6	N		0	0	0	1	15	1	17	18	87	20.1%	152	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 7:50:00 PM	22-07-22	7:50:00 PM	6	N		0	0	0	3	84	1	88	90	87	102.9%	161	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 8:50:00 PM	22-07-22	8:50:00 PM	6	N		0	0	0	0	19	0	19	19	87	21.8%	66	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 9:20:00 PM	22-07-22	9:20:00 PM	6	N		0	0	0	0	38	1	39	39	87	44.8%	73	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 9:50:00 PM	22-07-22	9:50:00 PM	6	N		0	0	0	0	7	0	7	7	87	8.0%	7	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	22-Jul-22 10:20:00 PM	22-07-22	10:20:00 PM	6	N		0	0	0	0	18	0	18	18	87	20.7%	47	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	22-Jul-22 10:50:00 PM	22-07-22	10:50:00 PM	6	N		0	0	0	0	7	0	7	7	87	8.0%	20	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 5:00:00 AM	22-07-23	5:00:00 AM	7	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 5:20:00 AM	22-07-23	5:20:00 AM	7	N		0	0	0	0	12	0	12	12	87	13.8%	24	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 5:50:00 AM	22-07-23	5:50:00 AM	7	N		0	0	0	2	6	0	8	9	87	10.3%	12	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 6:20:00 AM	22-07-23	6:20:00 AM	7	N		0	0	0	0	21	0	21	21	87	24.1%	32	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 6:50:00 AM	22-07-23	6:50:00 AM	7	N		0	0	0	2	8	0	10	11	87	12.6%	17	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 7:20:00 AM	22-07-23	7:20:00 AM	7	N		0	0	0	1	41	0	42	43	87	48.9%	71	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 8:00:00 AM	22-07-23	8:00:00 AM	7	N		0	0	0	3	29	0	32	34	87	38.5%	80	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 8:35:00 AM	22-07-23	8:35:00 AM	7	N		0	0	0	0	57	0	57	57	87	65.5%	133	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 9:05:00 AM	22-07-23	9:05:00 AM	7	N		0	0	1	3	64	1	69	72	87	82.8%	241	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 9:35:00 AM	22-07-23	9:35:00 AM	7	N		0	0	0	0	66	0	66	66	87	75.9%	138	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 10:10:00 AM	22-07-23	10:10:00 AM	7	N		0	0	0	5	82	2	89	92	87	105.2%	395	12
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 10:40:00 AM	22-07-23	10:40:00 AM	7	N		0	0	0	1	60	0	61	62	87	70.7%	141	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 11:15:00 AM	22-07-23	11:15:00 AM	7	N		0	0	0	2	94	1	97	98	87	112.6%	377	14
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 12:05:00 PM	22-07-23	12:05:00 PM	7	N		0	0	2	0	58	0	60	63	87	72.4%	128	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 12:40:00 PM	22-07-23	12:40:00 PM	7	N		0	0	1	3	90	4	98	101	87	116.1%	336	4
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 1:15:00 PM	22-07-23	1:15:00 PM	7	N		0	0	1	0	55	0	56	58	87	66.1%	112	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 1:55:00 PM	22-07-23	1:55:00 PM	7	N		0	0	0	6	84	3	93	96	87	110.3%	299	104
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 2:40:00 PM	22-07-23	2:40:00 PM	7	N		0	0	0	1	33	0	34	35	87	39.7%	157	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 3:20:00 PM	22-07-23	3:20:00 PM	7	N		0	0	0	2	95	0	97	98	87	112.6%	278	90
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 4:00:00 PM	22-07-23	4:00:00 PM	7	N		0	0	0	1	73	0	74	75	87	85.6%	280	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 4:40:00 PM	22-07-23	4:40:00 PM	7	N		0	0	1	3	92	5	101	104	87	119.5%	234	50
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 5:10:00 PM	22-07-23	5:10:00 PM	7	N		0	0	0	1	67	1	69	70	87	79.9%	310	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 5:45:00 PM	22-07-23	5:45:00 PM	7	N		0	0	0	5	93	2	100	103	87	117.8%	190	1
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 6:15:00 PM	22-07-23	6:15:00 PM	7	N		0	0	1	0	61	0	62	64	87	73.0%	293	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 6:50:00 PM	22-07-23	6:50:00 PM	7	N		0	0	0	1	39	0	40	41	87	46.6%	91	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 8:50:00 PM	22-07-23	8:50:00 PM	7	N		0	0	0	0	90	1	91		91		87		104.6%	310	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 9:20:00 PM	22-07-23	9:20:00 PM	7	N		0	0	0	1	52	0	53		54		87		61.5%	109	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 9:50:00 PM	22-07-23	9:50:00 PM	7	N		0	0	0	1	50	0	51		52		87		59.2%	128	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	23-Jul-22 10:20:00 PM	22-07-23	10:20:00 PM	7	N		0	0	0	0	11	0	11		11		87		12.6%	37	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	23-Jul-22 10:50:00 PM	22-07-23	10:50:00 PM	7	N		0	0	0	0	8	0	8		8		87		9.2%	24	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 5:50:00 AM	22-07-24	5:50:00 AM	1	N		0	0	0	0	3	0	3		3		87		3.4%	3	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 6:20:00 AM	22-07-24	6:20:00 AM	1	N		0	0	0	0	22	0	22		22		87		25.3%	39	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 6:50:00 AM	22-07-24	6:50:00 AM	1	N		0	0	0	0	5	0	5		5		87		5.7%	8	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 7:20:00 AM	22-07-24	7:20:00 AM	1	N		0	0	0	0	29	2	31		31		87		35.6%	47	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 8:00:00 AM	22-07-24	8:00:00 AM	1	N		0	0	1	1	27	0	29		31		87		35.6%	67	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 8:35:00 AM	22-07-24	8:35:00 AM	1	N		0	0	0	1	51	3	55		56		87		63.8%	91	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 9:05:00 AM	22-07-24	9:05:00 AM	1	N		0	0	1	0	43	0	44		46		87		52.3%	146	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 9:35:00 AM	22-07-24	9:35:00 AM	1	N		0	0	1	1	65	0	67		69		87		79.3%	151	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 10:10:00 AM	22-07-24	10:10:00 AM	1	N		0	0	1	1	76	1	79		81		87		93.1%	338	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 10:40:00 AM	22-07-24	10:40:00 AM	1	N		0	0	0	2	78	0	80		81		87		93.1%	171	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 11:15:00 AM	22-07-24	11:15:00 AM	1	N		0	0	0	3	88	5	96		98		87		112.1%	386	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 12:05:00 PM	22-07-24	12:05:00 PM	1	N		0	0	0	0	95	0	95		95		87		109.2%	218	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 12:40:00 PM	22-07-24	12:40:00 PM	1	N		0	0	0	2	65	2	69		70		87		80.5%	299	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 1:15:00 PM	22-07-24	1:15:00 PM	1	N		0	0	0	1	96	2	99		100		87		114.4%	249	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 1:55:00 PM	22-07-24	1:55:00 PM	1	N		0	0	0	0	63	2	65		65		87		74.7%	208	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 2:40:00 PM	22-07-24	2:40:00 PM	1	N		0	0	0	4	97	0	101		103		87		118.4%	262	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 3:20:00 PM	22-07-24	3:20:00 PM	1	N		0	0	0	4	69	1	74		76		87		87.4%	203	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 4:00:00 PM	22-07-24	4:00:00 PM	1	N		0	0	0	3	92	1	96		98		87		112.1%	312	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 4:40:00 PM	22-07-24	4:40:00 PM	1	N		0	0	1	6	58	2	67		72		87		82.2%	165	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 5:10:00 PM	22-07-24	5:10:00 PM	1	N		0	0	1	0	101	2	104		106		87		121.3%	407	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 5:45:00 PM	22-07-24	5:45:00 PM	1	N		0	0	0	1	35	3	39		40		87		45.4%	105	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 6:15:00 PM	22-07-24	6:15:00 PM	1	N		0	0	2	1	91	7	101		105		87		120.1%	340	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 6:50:00 PM	22-07-24	6:50:00 PM	1	N		0	0	0	1	62	1	64		65		87		74.1%	152	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 7:20:00 PM	22-07-24	7:20:00 PM	1	N		0	0	0	0	96	3	99		99		87		113.8%	317	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 7:50:00 PM	22-07-24	7:50:00 PM	1	N		0	0	0	0	33	0	33		33		87		37.9%	70	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 8:50:00 PM	22-07-24	8:50:00 PM	1	N		0	0	1	0	66	1	68		70		87		79.9%	174	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 9:20:00 PM	22-07-24	9:20:00 PM	1	N		0	0	0	0	24	3	27		27		87		31.0%	49	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 9:50:00 PM	22-07-24	9:50:00 PM	1	N		0	0	0	0	29	0	29		29		87		33.3%	80	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	24-Jul-22 10:20:00 PM	22-07-24	10:20:00 PM	1	N		0	0	0	1	15	0	16		17		87		19.0%	35	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	24-Jul-22 10:50:00 PM	22-07-24	10:50:00 PM	1	N		0	0	0	1	5	0	6		7		87		7.5%	11	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 5:00:00 AM	22-07-25	5:00:00 AM	2	Y		0	0	0	0	0	0	0		0		87		0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 5:20:00 AM	22-07-25	5:20:00 AM	2	N		0	2	0	0	22	0	24		27		87		31.0%	63	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 5:50:00 AM	22-07-25	5:50:00 AM	2	N		0	2	0	0	7	0	9		12		87		13.8%	10	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 6:20:00 AM	22-07-25	6:20:00 AM	2	N		0	0	2	2	72	0	76		80		87		92.0%	124	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 6:50:00 AM	22-07-25	6:50:00 AM	2	N		0	1	1	9	43	0	54		62		87		70.7%	86	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 7:20:00 AM	22-07-25	7:20:00 AM	2	N		0	0	4	5	87	0	96		105		87		120.1%	184	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 8:00:00 AM	22-07-25	8:00:00 AM	2	N		0	2	2	6	66	0	76		85		87		97.7%	143	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 8:35:00 AM	22-07-25	8:35:00 AM	2	N		0	1	0	0	95	0	96		96		87		112.1%	156	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 9:05:00 AM	22-07-25	9:05:00 AM	2	N		0	0	4	6	46	0	56		65		87		74.7%	148	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 9:35:00 AM	22-07-25	9:35:00 AM	2	N		0	3	0	0	89	0	92		97		87		110.9%	147	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 10:10:00 AM	22-07-25	10:10:00 AM	2	N		0	1	3	7	41	0	52		62		87		70.7%	159	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 10:40:00 AM	22-07-25	10:40:00 AM	2	N		0	0	1	4	88	0	93		97		87		110.9%	176	20
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 11:15:00 AM	22-07-25	11:15:00 AM	2	N		0	0	2	2	75	3	82		86		87		98.9%	274	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 12:05:00 PM	22-07-25	12:05:00 PM	2	N		0	1	0	5	78	0	84		88		87		101.1%	172	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 12:40:00 PM	22-07-25	12:40:00 PM	2	N		1	1	2	3	73	3	83		91		87		104.6%	195	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 1:15:00 PM	22-07-25	1:15:00 PM	2	N		0	0	1	2	60	0	64		68		87		78.2%	124	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 1:55:00 PM	22-07-25	1:55:00 PM	2	N		0	1	1	2	81	2	87		91		87		104.6%	193	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 2:40:00 PM	22-07-25	2:40:00 PM	2	N		0	0	1	2	52	1	56		59		87		67.2%	170	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 3:20:00 PM	22-07-25	3:20:00 PM	2	N		0	0	1	2	92	3	98		101		87		115.5%	192	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 4:00:00 PM	22-07-25	4:00:00 PM	2	N		1	0	0	3	73	1	78		82		87		93.7%	235	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 4:40:00 PM	22-07-25	4:40:00 PM	2	N		0	0	1	3	83	3	90		93		87		106.9%	192	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 5:10:00 PM	22-07-25	5:10:00 PM	2	N		0	0	5	4	62	0	71		81		87		92.5%	223	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 5:45:00 PM	22-07-25	5:45:00 PM	2	N		0	0	0	3	87	2	92		94		87		107.5%	176	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 6:15:00 PM	22-07-25	6:15:00 PM	2	N		0	0	1	3	58	1	63		66		87		75.9%	177	0

06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 6:50:00 PM	22-07-25	6:50:00 PM	2	N		0	0	0	2	65	0	67		68		87		78.2%	130	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 7:20:00 PM	22-07-25	7:20:00 PM	2	N		0	0	0	2	35	2	39		40		87		46.0%	93	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 7:50:00 PM	22-07-25	7:50:00 PM	2	N		0	0	0	2	43	0	45		46		87		52.9%	86	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 8:50:00 PM	22-07-25	8:50:00 PM	2	N		0	0	0	0	24	1	25		25		87		28.7%	63	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 9:20:00 PM	22-07-25	9:20:00 PM	2	N		0	0	0	0	35	1	36		36		87		41.4%	63	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 9:50:00 PM	22-07-25	9:50:00 PM	2	N		0	0	0	0	11	0	11		11		87		12.6%	36	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	25-Jul-22 10:20:00 PM	22-07-25	10:20:00 PM	2	N		0	0	0	1	15	0	16		17		87		19.0%	32	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	25-Jul-22 10:50:00 PM	22-07-25	10:50:00 PM	2	N		0	0	0	0	5	0	5		5		87		5.7%	12	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 5:00:00 AM	22-07-26	5:00:00 AM	3	Y		0	0	0	0	0	0	0		0		87		0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 5:20:00 AM	22-07-26	5:20:00 AM	3	N		0	0	0	0	42	0	42		42		87		48.3%	80	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 5:50:00 AM	22-07-26	5:50:00 AM	3	N		0	0	5	0	6	0	11		19		87		21.3%	17	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 6:20:00 AM	22-07-26	6:20:00 AM	3	N		0	0	1	1	87	0	89		91		87		104.6%	182	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 6:50:00 AM	22-07-26	6:50:00 AM	3	N		0	1	4	7	63	0	75		86		87		98.9%	120	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 7:20:00 AM	22-07-26	7:20:00 AM	3	N		0	0	0	3	93	0	96		98		87		112.1%	228	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 8:00:00 AM	22-07-26	8:00:00 AM	3	N		0	0	5	8	56	3	72		84		87		96.0%	135	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 8:35:00 AM	22-07-26	8:35:00 AM	3	N		0	0	4	3	92	2	101		109		87		124.7%	165	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 9:05:00 AM	22-07-26	9:05:00 AM	3	N		0	2	5	7	59	1	74		88		87		101.1%	177	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 9:35:00 AM	22-07-26	9:35:00 AM	3	N		0	1	2	1	87	2	93		98		87		112.6%	169	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 10:10:00 AM	22-07-26	10:10:00 AM	3	N		0	0	1	6	70	0	77		82		87		93.7%	259	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 10:40:00 AM	22-07-26	10:40:00 AM	3	N		0	1	6	6	60	1	74		88		87		100.6%	125	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 12:40:00 PM	22-07-26	12:40:00 PM	3	N		0	0	3	6	66	2	77		85		87		97.1%	182	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 1:15:00 PM	22-07-26	1:15:00 PM	3	N		0	1	3	0	51	1	56		62		87		71.3%	120	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 1:55:00 PM	22-07-26	1:55:00 PM	3	N		0	0	1	4	54	0	59		63		87		71.8%	141	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 2:40:00 PM	22-07-26	2:40:00 PM	3	N		0	1	1	7	77	2	88		95		87		108.6%	218	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 3:20:00 PM	22-07-26	3:20:00 PM	3	N		0	0	0	2	85	3	90		91		87		104.6%	187	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 4:00:00 PM	22-07-26	4:00:00 PM	3	N		0	0	3	5	82	2	92		99		87		113.8%	230	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 4:40:00 PM	22-07-26	4:40:00 PM	3	N		0	1	0	0	90	2	93		95		87		108.6%	189	28
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 5:10:00 PM	22-07-26	5:10:00 PM	3	N		0	0	6	3	60	1	70		81		87		92.5%	224	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 5:45:00 PM	22-07-26	5:45:00 PM	3	N		0	0	0	2	98	1	101		102		87		117.2%	189	2
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 6:15:00 PM	22-07-26	6:15:00 PM	3	N		0	1	0	1	44	1	47		49		87		56.3%	117	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 6:50:00 PM	22-07-26	6:50:00 PM	3	N		0	0	0	0	53	2	55		55		87		63.2%	109	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 7:20:00 PM	22-07-26	7:20:00 PM	3	N		0	0	0	0	29	0	29		29		87		33.3%	86	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 7:50:00 PM	22-07-26	7:50:00 PM	3	N		0	0	0	2	39	2	43		44		87		50.6%	81	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 8:50:00 PM	22-07-26	8:50:00 PM	3	N		0	0	1	1	22	1	25		27		87		31.0%	81	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 9:20:00 PM	22-07-26	9:20:00 PM	3	N		0	0	0	3	46	2	51		53		87		60.3%	108	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 9:50:00 PM	22-07-26	9:50:00 PM	3	N		0	0	0	1	16	0	17		18		87		20.1%	55	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	26-Jul-22 10:20:00 PM	22-07-26	10:20:00 PM	3	N		0	0	0	0	20	1	21		21		87		24.1%	39	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	26-Jul-22 10:50:00 PM	22-07-26	10:50:00 PM	3	N		0	0	0	0	2	0	2		2		87		2.3%	12	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 5:00:00 AM	22-07-27	5:00:00 AM	4	Y		0	0	0	0	0	0	0		0		87		0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 5:20:00 AM	22-07-27	5:20:00 AM	4	N		0	1	0	1	24	0	26		28		87		32.2%	46	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 5:50:00 AM	22-07-27	5:50:00 AM	4	N		0	2	0	0	7	0	9		12		87		13.8%	10	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 6:20:00 AM	22-07-27	6:20:00 AM	4	N		0	0	2	1	63	1	67		71		87		81.0%	96	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 6:50:00 AM	22-07-27	6:50:00 AM	4	N		0	0	2	9	62	0	73		81		87		92.5%	114	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 7:20:00 AM	22-07-27	7:20:00 AM	4	N		0	0	0	1	86	0	87		88		87		100.6%	141	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 8:00:00 AM	22-07-27	8:00:00 AM	4	N		0	1	4	9	61	0	75		87		87		100.0%	146	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 8:35:00 AM	22-07-27	8:35:00 AM	4	N		0	1	0	2	86	1	90		93		87		106.3%	136	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 9:05:00 AM	22-07-27	9:05:00 AM	4	N		0	0	2	0	0	0	2		5		87		5.7%	2	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 9:35:00 AM	22-07-27	9:35:00 AM	4	N		0	2	1	2	78	1	84		90		87		102.9%	131	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 10:10:00 AM	22-07-27	10:10:00 AM	4	N		0	1	4	5	67	1	78		88		87		101.1%	223	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 10:40:00 AM	22-07-27	10:40:00 AM	4	N		0	0	1	2	68	0	71		74		87		84.5%	141	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 11:15:00 AM	22-07-27	11:15:00 AM	4	N		0	2	1	2	73	2	80		86		87		98.3%	304	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 12:05:00 PM	22-07-27	12:05:00 PM	4	N		0	3	0	4	87	0	94		101		87		115.5%	181	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 12:40:00 PM	22-07-27	12:40:00 PM	4	N		0	0	1	4	65	0	70		74		87		84.5%	164	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 1:15:00 PM	22-07-27	1:15:00 PM	4	N		0	1	3	5	67	0	76		85		87		97.1%	145	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 1:55:00 PM	22-07-27	1:55:00 PM	4	N		0	0	0	2	72	1	75		76		87		87.4%	146	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 2:40:00 PM	22-07-27	2:40:00 PM	4	N		0	0	1	5	90	2	98		102		87		117.2%	317	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 3:20:00 PM	22-07-27	3:20:00 PM	4	N		0	1	1	4	88	4	98		103		87		118.4%	180	3
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 4:00:00 PM	22-07-27	4:00:00 PM	4	N		0	0	2	0	0	0	2		5		87		5.7%	2	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 4:40:00 PM	22-07-27	4:40:00 PM	4	N		0	0	1	5	87	1	94		98		87		112.6%	169	0

06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 5:10:00 PM	22-07-27	5:10:00 PM	4	N		0	0	2	5	84	3	94	100	87	114.4%	235	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 5:45:00 PM	22-07-27	5:45:00 PM	4	N		0	0	0	4	90	2	96	98	87	112.6%	185	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 6:15:00 PM	22-07-27	6:15:00 PM	4	N		0	1	0	3	74	0	78	81	87	93.1%	166	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 6:50:00 PM	22-07-27	6:50:00 PM	4	N		0	0	0	4	59	2	65	67	87	77.0%	116	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 7:20:00 PM	22-07-27	7:20:00 PM	4	N		0	0	0	1	40	0	41	42	87	47.7%	93	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 7:50:00 PM	22-07-27	7:50:00 PM	4	N		0	0	0	2	51	4	57	58	87	66.7%	97	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 8:50:00 PM	22-07-27	8:50:00 PM	4	N		0	0	0	0	24	0	24	24	87	27.6%	85	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 9:20:00 PM	22-07-27	9:20:00 PM	4	N		0	0	0	0	45	0	45	45	87	51.7%	82	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 9:50:00 PM	22-07-27	9:50:00 PM	4	N		0	0	2	0	10	0	12	15	87	17.2%	29	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	27-Jul-22 10:20:00 PM	22-07-27	10:20:00 PM	4	N		0	0	0	1	17	0	18	19	87	21.3%	34	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	27-Jul-22 10:50:00 PM	22-07-27	10:50:00 PM	4	N		0	0	0	0	5	0	5	5	87	5.7%	9	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 5:00:00 AM	22-07-28	5:00:00 AM	5	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 5:20:00 AM	22-07-28	5:20:00 AM	5	N		0	1	0	0	23	2	26	28	87	31.6%	39	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 5:50:00 AM	22-07-28	5:50:00 AM	5	N		0	1	3	2	8	0	14	21	87	24.1%	20	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 6:20:00 AM	22-07-28	6:20:00 AM	5	N		0	0	2	1	55	0	58	62	87	70.7%	89	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 6:50:00 AM	22-07-28	6:50:00 AM	5	N		0	1	2	15	46	1	65	77	87	88.5%	103	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 7:20:00 AM	22-07-28	7:20:00 AM	5	N		0	0	2	0	89	0	91	94	87	108.0%	141	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 8:00:00 AM	22-07-28	8:00:00 AM	5	N		0	0	1	11	56	0	68	75	87	86.2%	121	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 8:35:00 AM	22-07-28	8:35:00 AM	5	N		0	1	1	2	87	1	92	96	87	110.3%	161	10
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 9:05:00 AM	22-07-28	9:05:00 AM	5	N		0	1	3	6	39	1	50	59	87	67.8%	124	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 9:35:00 AM	22-07-28	9:35:00 AM	5	N		0	0	3	2	85	4	94	100	87	114.4%	155	40
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 10:10:00 AM	22-07-28	10:10:00 AM	5	N		1	0	6	7	64	3	81	96	87	109.8%	216	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 10:40:00 AM	22-07-28	10:40:00 AM	5	N		0	0	3	1	91	1	96	101	87	116.1%	213	30
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 11:15:00 AM	22-07-28	11:15:00 AM	5	N		0	2	3	7	72	0	84	95	87	109.2%	238	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 12:05:00 PM	22-07-28	12:05:00 PM	5	N		1	3	1	2	77	3	87	96	87	110.3%	224	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 1:55:00 PM	22-07-28	1:55:00 PM	5	N		0	1	1	5	81	5	93	99	87	113.2%	285	5
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 2:40:00 PM	22-07-28	2:40:00 PM	5	N		1	3	1	2	77	3	87	96	87	110.3%	229	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 3:20:00 PM	22-07-28	3:20:00 PM	5	N		0	0	0	3	93	1	97	99	87	113.2%	234	43
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 4:00:00 PM	22-07-28	4:00:00 PM	5	N		0	1	1	3	80	0	85	90	87	102.9%	239	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 4:40:00 PM	22-07-28	4:40:00 PM	5	N		0	0	1	5	87	1	94	98	87	112.6%	209	75
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 5:10:00 PM	22-07-28	5:10:00 PM	5	N		0	1	3	5	78	1	88	97	87	110.9%	230	25
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 5:45:00 PM	22-07-28	5:45:00 PM	5	N		0	0	3	4	82	3	92	99	87	113.2%	154	62
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 6:15:00 PM	22-07-28	6:15:00 PM	5	N		0	0	2	3	60	2	67	72	87	82.2%	208	15
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 6:50:00 PM	22-07-28	6:50:00 PM	5	N		0	0	1	5	88	0	94	98	87	112.6%	183	71
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 7:20:00 PM	22-07-28	7:20:00 PM	5	N		0	0	1	1	19	0	21	23	87	26.4%	92	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 7:50:00 PM	22-07-28	7:50:00 PM	5	N		0	0	0	3	96	0	99	101	87	115.5%	180	10
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 8:50:00 PM	22-07-28	8:50:00 PM	5	N		0	0	1	0	30	0	31	33	87	37.4%	105	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 9:20:00 PM	22-07-28	9:20:00 PM	5	N		0	0	0	2	78	3	83	84	87	96.6%	139	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 9:50:00 PM	22-07-28	9:50:00 PM	5	N		0	0	0	0	16	0	16	16	87	18.4%	70	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	28-Jul-22 10:20:00 PM	22-07-28	10:20:00 PM	5	N		0	0	0	2	11	0	13	14	87	16.1%	30	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	28-Jul-22 10:50:00 PM	22-07-28	10:50:00 PM	5	N		0	0	0	0	1	0	1	1	87	1.1%	14	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 5:00:00 AM	22-07-29	5:00:00 AM	6	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 5:20:00 AM	22-07-29	5:20:00 AM	6	N		0	0	0	0	14	3	17	17	87	19.5%	30	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 5:50:00 AM	22-07-29	5:50:00 AM	6	N		0	0	0	2	7	0	9	10	87	11.5%	15	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 6:20:00 AM	22-07-29	6:20:00 AM	6	N		0	0	1	2	39	1	43	46	87	52.3%	67	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 6:50:00 AM	22-07-29	6:50:00 AM	6	N		0	0	1	12	41	0	54	62	87	70.7%	89	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 7:20:00 AM	22-07-29	7:20:00 AM	6	N		0	0	0	0	51	2	53	53	87	60.9%	103	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 8:00:00 AM	22-07-29	8:00:00 AM	6	N		0	0	2	6	46	0	54	60	87	69.0%	101	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 8:35:00 AM	22-07-29	8:35:00 AM	6	N		0	0	2	2	63	3	70	74	87	85.1%	132	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 9:05:00 AM	22-07-29	9:05:00 AM	6	N		0	0	4	3	42	1	50	58	87	66.1%	120	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 9:35:00 AM	22-07-29	9:35:00 AM	6	N		0	0	3	1	59	1	64	69	87	79.3%	137	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 10:10:00 AM	22-07-29	10:10:00 AM	6	N		0	0	0	6	53	0	59	62	87	71.3%	140	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 10:40:00 AM	22-07-29	10:40:00 AM	6	N		0	0	0	0	46	0	46	46	87	52.9%	110	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 11:15:00 AM	22-07-29	11:15:00 AM	6	N		0	0	2	5	70	0	77	83	87	94.8%	235	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 12:05:00 PM	22-07-29	12:05:00 PM	6	N		0	0	4	2	46	1	53	60	87	69.0%	110	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 12:40:00 PM	22-07-29	12:40:00 PM	6	N		1	0	2	3	86	5	97	104	87	119.0%	260	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 1:15:00 PM	22-07-29	1:15:00 PM	6	N		1	1	3	6	56	0	67	78	87	89.7%	112	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 1:55:00 PM	22-07-29	1:55:00 PM	6	N		0	0	3	2	72	2	79	85	87	97.1%	235	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 2:40:00 PM	22-07-29	2:40:00 PM	6	N		0	0	3	7	57	0	67	75	87	86.2%	142	0

06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 3:20:00 PM	22-07-29	3:20:00 PM	6	N		0	0	0	3	90	3	96	98	87	112.1%	224	5
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 4:00:00 PM	22-07-29	4:00:00 PM	6	N		0	0	2	1	57	2	62	66	87	75.3%	132	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 4:40:00 PM	22-07-29	4:40:00 PM	6	N		0	1	2	2	80	2	87	93	87	106.3%	217	32
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 5:10:00 PM	22-07-29	5:10:00 PM	6	N		0	0	0	1	40	0	41	42	87	47.7%	195	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 5:45:00 PM	22-07-29	5:45:00 PM	6	N		0	0	0	2	92	3	97	98	87	112.6%	209	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 6:15:00 PM	22-07-29	6:15:00 PM	6	N		0	2	1	0	42	0	45	50	87	56.9%	122	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 6:50:00 PM	22-07-29	6:50:00 PM	6	N		0	0	0	8	48	1	57	61	87	70.1%	143	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 7:20:00 PM	22-07-29	7:20:00 PM	6	N		0	0	0	0	27	0	27	27	87	31.0%	87	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 7:50:00 PM	22-07-29	7:50:00 PM	6	N		0	0	0	1	43	1	45	46	87	52.3%	128	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 8:50:00 PM	22-07-29	8:50:00 PM	6	N		0	0	0	0	20	1	21	21	87	24.1%	77	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 9:20:00 PM	22-07-29	9:20:00 PM	6	N		0	0	0	2	46	1	49	50	87	57.5%	93	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 9:50:00 PM	22-07-29	9:50:00 PM	6	N		0	0	0	1	9	0	10	11	87	12.1%	37	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	29-Jul-22 10:20:00 PM	22-07-29	10:20:00 PM	6	N		0	0	0	1	22	1	24	25	87	28.2%	59	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	29-Jul-22 10:50:00 PM	22-07-29	10:50:00 PM	6	N		0	0	0	1	9	0	10	11	87	12.1%	35	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 5:00:00 AM	22-07-30	5:00:00 AM	7	Y		0	0	0	0	0	0	0	0	87	0.0%	0	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 5:20:00 AM	22-07-30	5:20:00 AM	7	N		0	0	0	2	17	1	20	21	87	24.1%	34	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 5:50:00 AM	22-07-30	5:50:00 AM	7	N		0	0	0	0	8	0	8	8	87	9.2%	13	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 6:20:00 AM	22-07-30	6:20:00 AM	7	N		0	0	1	0	12	0	13	15	87	16.7%	28	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 6:50:00 AM	22-07-30	6:50:00 AM	7	N		0	0	0	1	16	0	17	18	87	20.1%	43	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 7:20:00 AM	22-07-30	7:20:00 AM	7	N		0	0	0	0	26	0	26	26	87	29.9%	50	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 8:00:00 AM	22-07-30	8:00:00 AM	7	N		0	0	2	3	55	0	60	65	87	74.1%	163	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 8:35:00 AM	22-07-30	8:35:00 AM	7	N		0	0	0	1	42	0	43	44	87	50.0%	80	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 9:05:00 AM	22-07-30	9:05:00 AM	7	N		0	0	1	5	75	0	81	85	87	97.7%	331	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 9:35:00 AM	22-07-30	9:35:00 AM	7	N		0	0	0	2	51	1	54	55	87	63.2%	139	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 10:10:00 AM	22-07-30	10:10:00 AM	7	N		0	0	2	2	89	2	95	99	87	113.8%	360	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 10:40:00 AM	22-07-30	10:40:00 AM	7	N		0	0	0	0	67	1	68	68	87	78.2%	124	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 11:15:00 AM	22-07-30	11:15:00 AM	7	N		0	0	0	1	74	0	75	76	87	86.8%	427	84
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 12:05:00 PM	22-07-30	12:05:00 PM	7	N		0	0	2	1	53	2	58	62	87	70.7%	187	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 12:40:00 PM	22-07-30	12:40:00 PM	7	N		0	0	0	3	90	0	93	95	87	108.6%	395	7
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 1:15:00 PM	22-07-30	1:15:00 PM	7	N		0	0	0	1	34	1	36	37	87	42.0%	156	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 1:55:00 PM	22-07-30	1:55:00 PM	7	N		0	0	1	5	91	4	101	105	87	120.7%	314	66
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 2:40:00 PM	22-07-30	2:40:00 PM	7	N		0	0	1	3	45	1	50	53	87	60.9%	232	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 3:20:00 PM	22-07-30	3:20:00 PM	7	N		0	0	0	7	85	0	92	96	87	109.8%	274	35
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 4:00:00 PM	22-07-30	4:00:00 PM	7	N		0	0	0	0	65	2	67	67	87	77.0%	366	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 4:40:00 PM	22-07-30	4:40:00 PM	7	N		0	0	0	5	92	2	99	102	87	116.7%	245	14
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 5:10:00 PM	22-07-30	5:10:00 PM	7	N		0	0	0	1	60	3	64	65	87	74.1%	289	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 5:45:00 PM	22-07-30	5:45:00 PM	7	N		0	0	0	2	72	3	77	78	87	89.7%	191	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 6:15:00 PM	22-07-30	6:15:00 PM	7	N		0	0	1	0	84	2	87	89	87	101.7%	395	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 6:50:00 PM	22-07-30	6:50:00 PM	7	N		0	0	0	3	40	1	44	46	87	52.3%	106	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 8:50:00 PM	22-07-30	8:50:00 PM	7	N		0	0	0	0	83	0	83	83	87	95.4%	352	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 9:20:00 PM	22-07-30	9:20:00 PM	7	N		0	0	0	0	41	0	41	41	87	47.1%	94	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 9:50:00 PM	22-07-30	9:50:00 PM	7	N		0	0	0	0	24	0	24	24	87	27.6%	80	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	30-Jul-22 10:20:00 PM	22-07-30	10:20:00 PM	7	N		0	0	0	0	11	1	12	12	87	13.8%	26	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	30-Jul-22 10:50:00 PM	22-07-30	10:50:00 PM	7	N		0	0	0	0	6	0	6	6	87	6.9%	37	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 5:50:00 AM	22-07-31	5:50:00 AM	1	N		0	0	0	0	1	0	1	1	87	1.1%	4	25
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 6:20:00 AM	22-07-31	6:20:00 AM	1	N		0	0	1	1	20	2	24	26	87	29.9%	42	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 6:50:00 AM	22-07-31	6:50:00 AM	1	N		0	0	0	0	12	0	12	12	87	13.8%	25	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 7:20:00 AM	22-07-31	7:20:00 AM	1	N		0	0	0	0	27	1	28	28	87	32.2%	55	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 8:00:00 AM	22-07-31	8:00:00 AM	1	N		0	0	0	1	35	0	36	37	87	42.0%	109	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 8:35:00 AM	22-07-31	8:35:00 AM	1	N		0	0	0	1	46	2	49	50	87	56.9%	98	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 9:05:00 AM	22-07-31	9:05:00 AM	1	N		0	0	0	2	68	1	71	72	87	82.8%	291	0
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 9:35:00 AM	22-07-31	9:35:00 AM	1	N		0	0	0	1	77	0	78	79	87	90.2%	158	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 10:10:00 AM	22-07-31	10:10:00 AM	1	N		0	0	0	2	93	3	98	99	87	113.8%	378	7
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 10:40:00 AM	22-07-31	10:40:00 AM	1	N		0	0	0	4	82	0	86	88	87	101.1%	208	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 11:15:00 AM	22-07-31	11:15:00 AM	1	N		0	0	0	2	91	2	95	96	87	110.3%	399	7
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 12:05:00 PM	22-07-31	12:05:00 PM	1	N		0	0	0	0	63	0	63	63	87	72.4%	167	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 12:40:00 PM	22-07-31	12:40:00 PM	1	N		0	0	0	1	95	0	96	97	87	110.9%	344	4
06	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 1:15:00 PM	22-07-31	1:15:00 PM	1	N		0	0	0	2	66	2	70	71	87	81.6%	189	0
06	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 1:55:00 PM	22-07-31	1:55:00 PM	1	N		0	0	0	3	89	1	93	95	87	108.6%	262	0

08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 2:40:00 PM	22-07-31	2:40:00 PM	1	N	0	0	0	0	57	2	59	59	87	67.8%	237	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 3:20:00 PM	22-07-31	3:20:00 PM	1	N	0	0	0	2	73	2	77	78	87	89.7%	239	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 4:00:00 PM	22-07-31	4:00:00 PM	1	N	0	0	0	0	92	1	93	93	87	106.9%	349	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 4:40:00 PM	22-07-31	4:40:00 PM	1	N	0	0	0	1	58	0	59	60	87	68.4%	158	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 5:10:00 PM	22-07-31	5:10:00 PM	1	N	0	0	0	0	97	1	98	98	87	112.6%	370	26
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 5:45:00 PM	22-07-31	5:45:00 PM	1	N	0	0	0	2	45	1	48	49	87	56.3%	119	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 6:15:00 PM	22-07-31	6:15:00 PM	1	N	0	0	1	0	97	3	101	103	87	117.8%	390	25
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 6:50:00 PM	22-07-31	6:50:00 PM	1	N	0	0	0	2	44	1	47	48	87	55.2%	111	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 7:20:00 PM	22-07-31	7:20:00 PM	1	N	0	0	0	1	97	0	98	99	87	113.2%	342	25
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 7:50:00 PM	22-07-31	7:50:00 PM	1	N	0	0	0	2	22	0	24	25	87	28.7%	65	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 9:50:00 PM	22-07-31	9:50:00 PM	1	N	0	0	0	0	89	0	89	89	87	102.3%	297	0
08	Capilano, Queen Of	Horseshoe Bay	Snug Cove (Bowen Island)	31-Jul-22 10:20:00 PM	22-07-31	10:20:00 PM	1	N	0	0	0	1	22	1	24	25	87	28.2%	57	0
08	Capilano, Queen Of	Snug Cove (Bowen Island)	Horseshoe Bay	31-Jul-22 10:50:00 PM	22-07-31	10:50:00 PM	1	N	0	0	0	0	24	0	24	24	87	27.6%	63	0

September 2022 Forecast

Route 8 FY Forecast	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Total Passengers	924,639	1,143,492	1,247,038	1,309,423	1,305,721	1,311,146	1,307,618	1,309,897	1,310,377	1,313,229	1,315,864	1,325,079	1,312,320	1,317,112
Total Vehicles	469,150	549,848	572,975	576,781	581,302	588,602	591,860	598,146	603,027	609,791	616,080	625,395	625,635	632,914

2018 Terminal Development Plan Forecast

4.0 FORECASTING AND GROWTH PROJECTIONS (community, passenger and vehicle traffic demand)

4.1 Current Traffic Demand

In Fiscal 2017, Route 8 carried 1,165,891 passengers and 490,098 vehicles on 10,901 departures. For the year, the average sailing carried 107 passengers and 45 vehicles, but that varied from 88 passengers and 39 Vehicles in December to 135 passengers and 52 vehicles in August.

There were 623 overloaded sailings in Fiscal 2017, with 262 of those occurring in July, August, and September.

4.2 Traffic Growth Projections

In 2017 the Tariff and Revenue group at BC Ferries created new passenger projections for Horseshoe Bay – Bowen Island using an updated version of the Urban Futures methodology.

The Urban Futures methodology was developed in 2008 and is based around using BC Stats population projections to establish an idea of the demographic composition of each minor routes service areas going forward. Using historical population and traffic, a benchmark of trips per person and working age person in each service area is calculated. These two components are then combined to create a forecast for future passenger travel.

BC Ferries has modified the Urban Futures methodology to reflect current traffic statistics and more granular population estimates. The benchmark trips per capita were estimated using population and traffic statistics from 2001 to 2017. The forecasts below were generated by applying the benchmark trips per capita rate to the relevant BC Stats population for the region.

Figure 1 below shows the benchmark projection for Horseshoe Bay – Bowen Island. The projection would see future volumes climb steadily from 2017's total of 1,165,891 passengers to 1,180,000 passengers in 2020, 1,233,000 passengers in 2030 and 1,300,000 passengers in 2041.

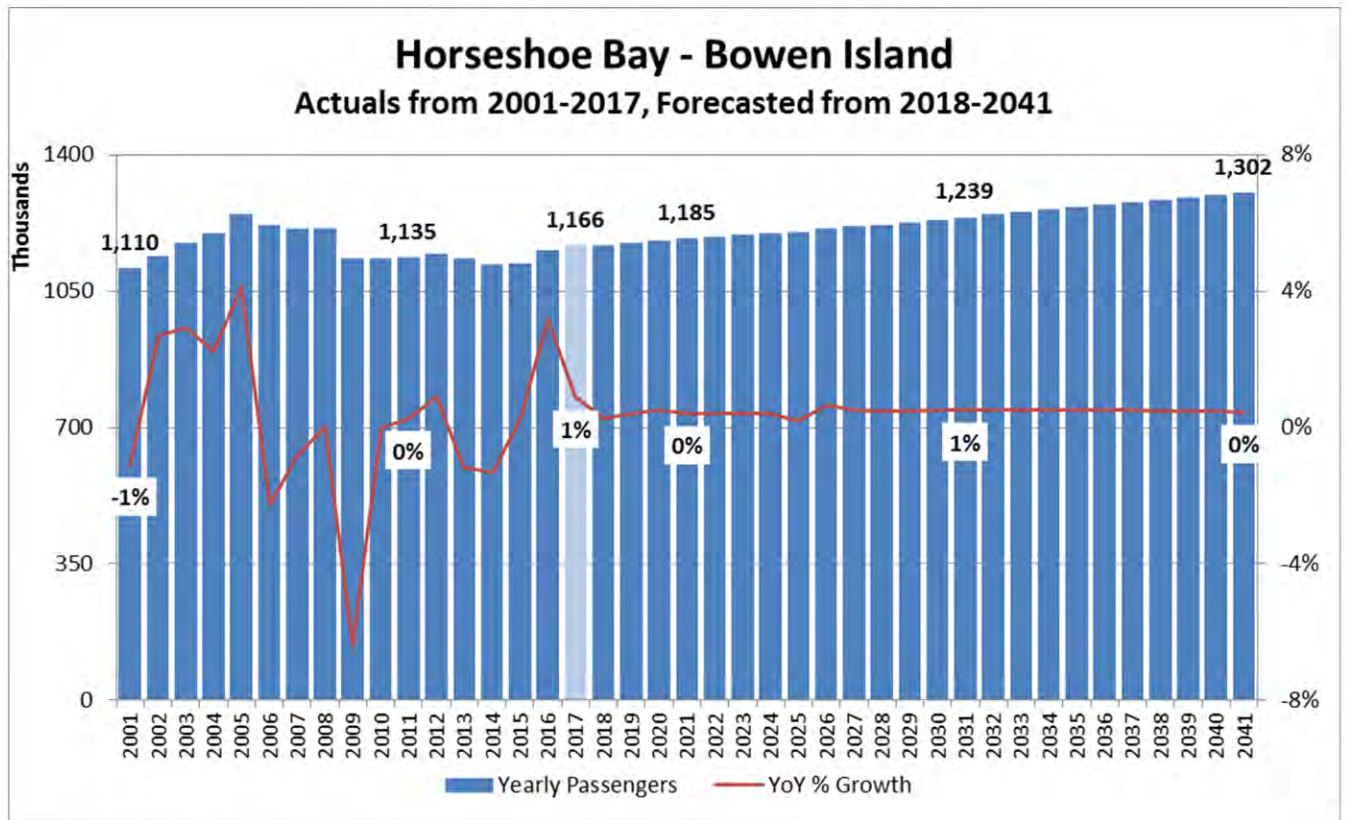


Figure 1: Annual passenger Trips and Projections to 2041.

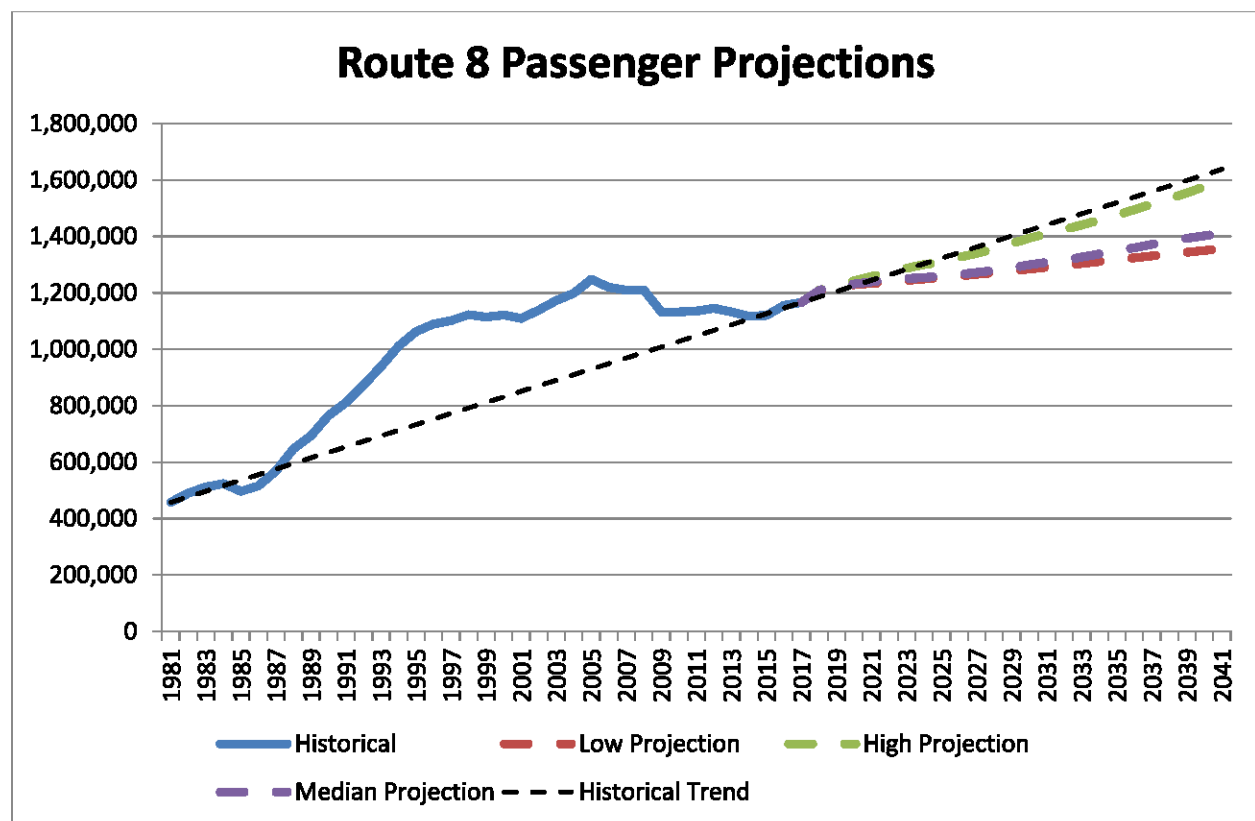
Route 8 Traffic Forecasts

Counts			Growth Rates		
	Year	Passengers	Vehicles	Passengers	Vehicles
Actual	2001	1,109,531	454,621	-1.1%	0.4%
	2002	1,139,321	478,538	2.7%	5.3%
	2003	1,172,637	498,140	2.9%	4.1%
	2004	1,198,828	516,222	2.2%	3.6%
	2005	1,248,208	536,416	4.1%	3.9%
	2006	1,219,930	541,177	-2.3%	0.9%
	2007	1,209,865	528,894	-0.8%	-2.3%
	2008	1,210,249	524,940	0.0%	-0.7%
	2009	1,132,603	485,121	-6.4%	-7.6%
	2010	1,132,295	479,605	0.0%	-1.1%
	2011	1,135,324	478,030	0.3%	-0.3%
	2012	1,145,637	482,735	0.9%	1.0%
	2013	1,132,383	463,453	-1.2%	-4.0%
	2014	1,117,329	455,081	-1.3%	-1.8%
	2015	1,120,017	452,761	0.2%	-0.5%
	2016	1,155,629	467,861	3.2%	3.3%
	2017	1,165,891	490,098	0.9%	4.8%
Forecasted	2018	1,168,816	496,240	0.3%	1.3%
	2019	1,173,711	498,318	0.4%	0.4%
	2020	1,179,812	500,908	0.5%	0.5%
	2021	1,184,753	503,006	0.4%	0.4%
	2022	1,189,431	504,992	0.4%	0.4%
	2023	1,194,121	506,984	0.4%	0.4%
	2024	1,199,038	509,071	0.4%	0.4%
	2025	1,201,193	509,986	0.2%	0.2%
	2026	1,208,924	513,268	0.6%	0.6%
	2027	1,215,091	515,887	0.5%	0.5%
	2028	1,220,927	518,364	0.5%	0.5%
	2029	1,226,896	520,898	0.5%	0.5%
	2030	1,233,031	523,503	0.5%	0.5%
	2031	1,239,332	526,178	0.5%	0.5%
	2032	1,245,720	528,891	0.5%	0.5%
	2033	1,252,182	531,634	0.5%	0.5%
	2034	1,258,657	534,383	0.5%	0.5%
	2035	1,264,910	537,038	0.5%	0.5%
	2036	1,271,184	539,702	0.5%	0.5%
	2037	1,277,578	542,417	0.5%	0.5%
	2038	1,283,867	545,087	0.5%	0.5%
	2039	1,290,067	547,719	0.5%	0.5%
	2040	1,296,115	550,287	0.5%	0.5%
	2041	1,302,043	552,803	0.5%	0.5%

Performance Term 5 Submission

		F2020	F2021	F2022	F2023	F2024
Southern Gulf Islands Core (Routes 4,5,6&9)	High	100.0%	101.0%	102.0%	103.1%	104.1%
	Low		99.4%	98.8%	98.3%	97.7%
Sunshine Coast (Routes 7,13,17 &18)	High		100.8%	101.6%	102.3%	103.1%
	Low		99.4%	98.9%	98.3%	97.8%
Metropolitan Adjacent (Routes 8,12 &19)	High		101.3%	102.6%	103.9%	105.2%
	Low		99.2%	98.5%	97.7%	97.0%
Coastal Community Connectors (Routes 20,21,22,23,24,25 &26)	High		100.2%	100.5%	100.7%	100.9%
	Low		99.0%	98.1%	97.1%	96.2%
Northern Long (Routes 10,11 & 28)	High		101.0%	101.9%	102.9%	103.9%
	Low		98.3%	96.7%	95.0%	93.4%

Sept 2017 Re-forecast



Route 8 traffic appears to have a structural break around 1993 when traffic went from steadily increasing to mostly flat. The median and low projects are most in line with the 1993 onward trend and

are the recommended forecasts. As our most travelled minor route, Route 8 would see passenger volumes grow from 1,165,891 passengers in F2017 to 1,232,000 passengers in F2020, 1.3M passengers in F2030, to 1.41M passengers in F2041. This is slightly below the long-term historical trend for passengers which would see passenger volumes of 1.63M in 2041.

Route 8 Fiscal Year Growth Rates				
Year	Low	High	Median	Linear Trend
2018	3.7%	3.7%	3.7%	1.7%
2019	1.2%	1.4%	1.2%	1.7%
2020	0.4%	1.3%	0.6%	1.6%
2021	0.4%	1.2%	0.6%	1.6%
2022	0.4%	1.3%	0.6%	1.6%
2023	0.4%	1.0%	0.4%	1.6%
2024	0.4%	1.0%	0.2%	1.5%
2025	0.4%	0.7%	0.4%	1.5%
2026	0.5%	1.3%	0.5%	1.5%
2027	0.5%	1.1%	0.5%	1.5%
2028	0.5%	1.1%	0.5%	1.4%
2029	0.5%	1.5%	0.6%	1.4%
2030	0.5%	1.4%	0.9%	1.4%
2031	0.5%	1.1%	0.7%	1.4%
2032	0.5%	1.1%	0.6%	1.4%
2033	0.5%	1.1%	0.9%	1.3%
2034	0.5%	1.2%	0.8%	1.3%
2035	0.5%	1.2%	0.8%	1.3%
2036	0.5%	1.3%	0.8%	1.3%
2037	0.5%	1.3%	0.9%	1.3%
2038	0.5%	1.3%	0.8%	1.3%
2039	0.5%	1.3%	0.7%	1.2%
2040	0.5%	1.5%	0.6%	1.2%
2041	0.5%	1.4%	0.6%	1.2%

[illegible]

Performance Term 4 Forecast

Vehicle Vol.	2015	2016	2017	2018	2019	2020	PT4 Average
Rte 01	100.0%	101.2%	99.8%	100.3%	100.1%	101.5%	100.4%
Rte 02	100.0%	100.8%	99.2%	99.6%	99.0%	99.7%	99.4%
Rte 30	100.0%	102.1%	101.6%	102.5%	102.3%	103.6%	102.5%
Rte 03	100.0%	101.1%	99.9%	100.5%	101.0%	102.1%	100.9%
Rte 04	100.0%	100.3%	99.3%	99.2%	98.7%	98.7%	99.0%
Rte 05	100.0%	100.3%	99.3%	99.2%	98.7%	98.7%	99.0%
Rte 06	100.0%	100.2%	99.3%	99.0%	98.7%	98.5%	98.9%
Rte 07	100.0%	100.0%	97.2%	95.9%	94.4%	93.3%	95.2%
Rte 08	100.0%	100.0%	99.3%	98.8%	98.6%	98.3%	98.7%
Rte 09	100.0%	100.3%	99.3%	99.3%	99.3%	100.7%	99.6%
Rte 12	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rte 13							
Rte 17	100.0%	101.0%	98.2%	96.8%	95.9%	96.4%	96.8%
Rte 18	100.0%	100.0%	97.2%	95.9%	94.4%	93.3%	95.2%
Rte 19	100.0%	100.3%	99.3%	99.3%	98.7%	98.7%	99.0%
Rte 20	100.0%	100.0%	97.2%	95.9%	94.4%	93.3%	95.2%
Rte 21	100.0%	100.0%	99.0%	98.9%	98.4%	98.4%	98.7%
Rte 22	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rte 23	100.0%	100.0%	97.2%	95.9%	94.4%	93.3%	95.2%
Rte 24	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rte 25	100.0%	99.9%	99.7%	99.5%	99.1%	98.5%	99.2%
Rte 26	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rte 10	100.0%	100.0%	100.0%	100.0%	100.4%	101.6%	100.5%
Rte 11	100.0%	100.0%	100.0%	100.0%	100.5%	101.8%	100.6%
Rte 40							
TOTAL ROUTES	100.0%	100.8%	99.5%	99.6%	99.3%	99.9%	99.6%
RG Summary	2015	2016	2017	2018	2019	2020	PT4 Average
Majors	100.0%	101.2%	99.9%	100.5%	100.1%	101.3%	100.4%
Route 3	100.0%	101.1%	99.9%	100.5%	101.0%	102.1%	100.9%
North	100.0%	100.0%	100.0%	100.0%	100.5%	101.7%	100.5%
Minors	100.0%	100.2%	98.8%	98.4%	97.8%	97.5%	98.1%
Total	100.0%	100.8%	99.5%	99.6%	99.3%	99.9%	99.6%

Pax Vol	2015	2016	2017	2018	2019	2020	PT4 Average
Rte 01	100.0%	100.9%	99.6%	101.1%	101.4%	103.2%	101.3%
Rte 02	100.0%	100.6%	99.0%	100.2%	99.6%	100.7%	99.8%
Rte 30	100.0%	100.9%	99.3%	100.8%	100.8%	102.4%	100.8%
Rte 03	100.0%	100.5%	99.6%	100.3%	100.8%	101.9%	100.7%
Rte 04	100.0%	99.5%	98.9%	99.2%	98.7%	98.7%	98.9%
Rte 05	100.0%	99.5%	98.9%	99.2%	98.7%	98.7%	98.9%
Rte 06	100.0%	99.5%	99.1%	99.3%	99.2%	99.0%	99.2%
Rte 07	100.0%	99.2%	97.1%	96.3%	95.2%	94.3%	95.7%
Rte 08	100.0%	99.4%	99.3%	99.5%	99.7%	99.3%	99.5%
Rte 09	100.0%	99.5%	98.9%	99.2%	99.3%	100.7%	99.5%
Rte 12	100.0%	99.2%	99.6%	99.9%	100.0%	100.0%	99.9%
Rte 13	100.0%	99.2%	99.6%	99.9%	100.0%	100.0%	99.9%
Rte 17	100.0%	100.1%	98.0%	97.3%	96.7%	97.4%	97.4%
Rte 18	100.0%	99.1%	97.0%	96.3%	95.2%	94.3%	95.7%
Rte 19	100.0%	99.5%	98.9%	99.2%	98.7%	98.7%	98.9%
Rte 20	100.0%	99.2%	97.1%	96.3%	95.2%	94.3%	95.7%
Rte 21	100.0%	99.5%	98.8%	99.2%	98.7%	98.7%	98.9%
Rte 22	100.0%	99.1%	99.6%	99.9%	100.0%	100.0%	99.9%
Rte 23	100.0%	99.2%	97.1%	96.3%	95.2%	94.3%	95.7%
Rte 24	100.0%	99.2%	99.6%	99.9%	100.0%	100.0%	99.9%
Rte 25	100.0%	99.1%	99.4%	99.5%	99.3%	98.7%	99.2%
Rte 26	100.0%	99.1%	99.6%	99.9%	100.0%	100.0%	99.9%
Rte 10	100.0%	100.0%	100.0%	100.0%	100.4%	101.7%	100.5%
Rte 11	100.0%	100.0%	100.0%	100.0%	100.5%	102.0%	100.6%
Rte 40							
TOTAL ROUTES	100.0%	100.3%	99.1%	99.9%	99.8%	100.7%	99.9%
RG Summary	2015	2016	2017	2018	2019	2020	PT4 Average
Majors	100.0%	100.8%	99.4%	100.8%	100.7%	102.3%	100.8%
Route 3	100.0%	100.5%	99.6%	100.3%	100.8%	101.9%	100.7%
North	100.0%	100.0%	100.0%	100.0%	100.5%	101.8%	100.6%
Minors	100.0%	99.4%	98.6%	98.6%	98.2%	98.0%	98.3%
Total	100.0%	100.3%	99.1%	99.9%	99.8%	100.7%	99.9%
Majors + Rte 3	100.0%	100.8%	99.4%	100.7%	100.7%	102.2%	100.8%

2004 Long-Term Forecast

<i>Fiscal Year</i>		<i>OVER-</i>	<i>UNDER-</i>	<i>TOTAL</i>	<i>TOTAL</i>	<i>FOOT</i>
<i>Ending</i>	<i>BUSES</i>	<i>COMMS.</i>	<i>HEIGHTS</i>	<i>VEHICLES</i>	<i>PASSENGERS</i>	<i>PASSENGERS</i>
Mar-91				341,912	811,686	
Mar-92				362,994	873,132	
Mar-93				384,792	938,874	
Mar-94				425,386	1,011,638	
Mar-95				435,348	1,062,628	
Mar-96				442,702	1,089,948	
Mar-97				449,938	1,101,886	
Mar-98				447,914	1,123,047	
Mar-99				445,252	1,114,503	
Mar-00				452,750	1,121,771	
Mar-01				449,807	1,109,531	
Mar-02				478,536	1,139,321	
Mar-03				498,140	1,172,637	
Mar-04				516,222	1,198,828	
Mar-05				536,416	1,248,208	
Short-term Forecast	Mar-06			542,715	1,224,111	
	Mar-07			548,171	1,230,784	
	Mar-08			556,648	1,243,896	
	Mar-09			565,154	1,257,049	
	Mar-10			573,720	1,270,323	
	Mar-11			582,278	1,283,564	
	Mar-12			590,657	1,296,388	
	Mar-13			599,071	1,309,284	
	Mar-14			607,546	1,322,319	
	Mar-15			616,030	1,335,375	
	Mar-16			624,488	1,348,370	
	Mar-17			633,002	1,361,495	
	Mar-18			641,471	1,374,521	
	Mar-19			649,946	1,387,563	
	Mar-20			658,420	1,400,605	
	Mar-21			666,831	1,413,510	
	Mar-22			675,278	1,426,500	
	Mar-23			683,683	1,439,398	
	Mar-24			692,192	1,452,413	
	Mar-25			700,808	1,465,545	

Date July 16, 2020
To Master Planning Working Group
From Mitchell Jacobson, Assistant Manager Terminal Development
Subject **SNUG COVE TERMINAL DEVELOPMENT PLAN - FUNCTIONAL DESIGN REQUIREMENTS**

PURPOSE

The purpose of this report is to present and seek approval for the Snug Cove Terminal Development Plan (TDP) Functional Design Requirements from the Master Planning Working Group (MPWG) as outlined in Attachment 1 of this report.

BACKGROUND

In April 2020, Terminal Development commenced work on creating a Terminal Development Plan for Snug Cove in accordance with Terminal Development's Terms of Reference report for TDPs.

The Terms of Reference report outlines the scope, methodology, governance structure and schedule for producing TDPs. The TDP governance process includes the MPWG approving the functional requirements at Phase 3 prior to the development of draft options in Phase 4.

DISCUSSION

Following the approval of the TDP Delivery Plan, Terminal Development staff began the process of collaborating with a staff working group comprised of key BC Ferry departments to create a TDP for this terminal.

The first phase in the development of the TDP was to create a Baseline Report for the terminal that outlines the existing context, information and what we know about the terminal. The working group also identified the key issues & opportunities and helped to identify terminal-specific functional requirements for the requirements listed in the TNMP. The proposed functional design requirements developed for the Snug Cove TDP can be found in Attachment 1.

Once the Functional Requirements have been endorsed Terminal Development will begin concept development and then stakeholder and community engagement on this TDP.

Terminal Network Master Plan (TNMP)

The Terminal Network Master Plan (TNMP) is a forward-looking planning and policy document. The TNMP states that each terminal shall have a Terminal Development Plan (TDP) that aligns with the TNMP.

The TNMP identifies Snug Cove as a Minor/Intermediate Unstaffed terminal.

The TDP functional requirements have been developed in accordance with this overarching strategic master plan and in particular to the Strategic Policies outlined. Deviation from these policies is permitted only when approved by EMC.

The TNMP includes the strategic functional requirements that all terminal classifications must adhere to. The Snug Cove TDP is intended to conform to the TNMP Functional Design Requirements with the exception of the following TNMP functional criteria:

TNMP Requirement	Proposed TDP Functional Design Requirement	Primary Driver			Reason for non-compliance with TNMP
		ESS	EFF	EXP	
Holding Capacity – Total AEQ. Requirement is 112 AEQ per TNMP Appendix A	Explore opportunities with Bowen Island Municipality for additional holding capacity/layout on Bowen Trunk Road	☒			On-road capacity of 113 AEQ meets the TNMP requirement but is under Bowen Island jurisdiction. BCF does not control any land beyond the immediate berth and upland area.
Retail Facility: Pad with services for 3 rd party kiosk	No			☒	Snug Cove village centre nearby
Parking for foot passengers	No			☒	No land under the control of BCF that could be used for parking. Likelihood of BCF acquiring land for this function is low. Snug Cove village centre and public parking options nearby.
Pick-up / Drop-off Zone	No BCF controlled zone.			☒	No land under the control of BCF that could be used as a pick-up/drop-off zone. Likelihood of BCF acquiring land for this function is low. Options available nearby. BCF to explore this issue with Bowen Island Municipality

Bus Bays (community, school, charter and shuttle), Taxis and car co- op (leased space)	s. 13
Compactors	
Pump Ashore	
Shore to Ship Power	

Crew/Employee Parking

At the October 29, 2019 MPWG meeting crew/employee parking was discussed in relation to the TNMP functional design requirements. The following process to guide staff parking requirements in TDPs was agreed at this meeting:

- Identify the current operational requirements (including but not limited to Terminal Crew, Vessel Crew Maintenance staff, training, etc...). Ops requirement consists of what is currently the practice.
- Identify the future operational requirements
- During Functional Requirements Review MPWG to provide direction on the Staff Parking Capacity to be included in the TDP design.

The proposed TDP functional design requirement along with rationale for crew and employee parking is summarized below. This requirement and proposal is also outlined in Attachment 1.

TNMP Requirement	Terminal Operations Current Operational Requirement	Terminal Operations Request for TDP	Proposed TDP Functional Design Requirement
Crew, Employee Parking: Yes per site operational Requirement	s. 13		

Fleet Master Plan (FMP)

The Fleet Master Plan (FMP) translates the broad direction from the Strategic Plan in to specific strategies, policies and tactics that apply to the BC Ferries fleet. BC Ferries fleet will transition from a fleet of many unique vessels to a fleet of vessels that have high physical and operational commonality.

s. 13

Next Steps

Following the approval of the TDP functional requirements, draft concept designs will be developed that address these functional design requirements.

OPTIONS:

s. 13

IMPLICATIONS

Approval of the Snug Cove TDP functional requirements will allow for the development of draft concepts for the terminal in accordance with the TNMP and TDP functional design requirements and TDP process.

RECOMMENDATIONS

s. 13

Attachment(s):

Attachment 1 – Snug Cove TDP Functional Design Requirements

ATTACHMENT 1 – SNUG COVE TDP FUNCTIONAL DESIGN REQUIREMENTS**Terminal Network Master Plan Design Requirements**

The TNMP sets out the functional requirements for each of the five types of terminal classifications. Among the classifications, Snug Cove is defined as a Minor/Intermediate (MIM) unstaffed terminal. All future terminal developments at Snug Cove will conform to the Design Requirements outlined in the Terminal Class Design Requirements.

The TNMP outlines the categories and functional requirements that each TDP must align with. The TDP will provide the detailed functional requirements based on the terminal specific requirements. The functional design requirements have generally been classified as either: Essential (required by the TNMP) or Desirable (identified through the TDP process). The primary driver for each functional requirement is identified as either Essential (ESS), Efficiency (EFF), or Experience (EXP).

Safety & Security

Site Specific Requirements: Integration of Safety and Security Features.

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Integration of Safety and Security Features: Yes	s. 13, s. 15, s. 19			☒		

Berths

Site Specific Requirements: One Berth and Berth Interface Type is 1 Minor Intermediate (MIM).

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Number of Berths and Berth Interface Type: 1 MIM + 1 Lay-by berth if storage required; 2 MIM if hub	1 MIM with conventional lift	1 MIM berth		☒		

Vehicle Holding Areas

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Holding Capacity - Total AEQ: 1 x maximum vessel AEQ capacity	No BCF-controlled Holding Area (AEQ 0). Road AEQ of 113 under Bowen Island Municipality jurisdiction.	s. 13		☒		
Lane Width: All lanes same width (2.8-3.1m)	No holding lanes under the control of BCF		s. 13		☒	

Vehicle Loading & Unloading

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Loading & Unloading: Main Car Deck (MCD) - single lane	Single lane loading, double lane discharge	s. 13			☒	

Customer Amenities

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Customer Amenities – Foot & Vehicle Passengers						
Waiting Room / Lounges and Washrooms: Yes	Yes waiting room and washroom building adjacent to berth	Waiting room and washrooms				☒
Covered Outdoor Waiting Space, Seating & Picnic Tables: Yes	No	Enhance existing amenity space, include covered outdoor area				☒

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Retail Facility: Pad with services for 3 rd party kiosk	No	s. 13				☒
Public Notice Board: Yes	Yes	Yes				☒
Vending: Yes	No	Yes				☒
Water Fountains / Bottle Filling Station: Yes	No	Yes				☒
Bicycle Access / Egress / Storage Yes	Covered bike rack located on adjacent government wharf (BIM-owned storage)	Yes	s. 13			☒
Customer Amenities – Foot Passengers Only						
Pick-up / Drop-off zone: Yes	No BCF-controlled zone. There is a pick-up / drop-off zone on Cardena Rd (Bowen Island Jurisdiction)	s. 13				☒
Parking: Yes	No BCF parking					☒

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Bus Bays (community, school, charter and shuttle), Taxis and car co-op (leased space): Yes	No BCF provisions for these services. TransLink operates two community bus routes on Bowen Island that are generally timed with ferry service. There is a taxi service as well as ride-share service (Bowen LIFT) on the island.	s. 13				☒

Communications and IT Infrastructure

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Wayfinding (static), Digital Signage: Yes	Yes – foot-passenger digital sign at terminal. Red/Green signal to direct terminal traffic to load.	Yes	Improved wayfinding for loading traffic	☒		

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Standard BCF IT Systems & Capacities and Server Room: Yes	Small IT systems box	s. 13		☒		
Customer Wi-Fi: Yes	No					☒

Administration & Employee Facilities

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Crew, Employee Parking: Yes per site operational requirement	No crew or terminal operation parking. Terminal maintenance parks on adjacent Wharf	s. 13		☒		

Other Terminal Services

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Storage for Terminal Ops, Terminal Maintenance and Fleet Ops: Yes	No	s. 13		☒		

Utilities & Miscellaneous

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Compactors: Yes	No. There is a recycling bin.	s. 13			☒	
Environmental & Containment for Hazardous Goods: Yes	Yes	Yes		☒		
Backup source of energy for emergency power: If homeport, yes; If not homeport, consult with Safety and Security	No	s. 13		☒		
Potable Water Supply: Yes	Yes Municipal water line services the washroom building	Yes as per existing		☒		
Septic Field or Sewage Treatment System (convey to municipal where possible): Yes	There is a washroom building onsite with pump station that feeds into municipal infrastructure	Continue to tie into municipal sewer infrastructure for new washroom building		☒		
Pump Ashore: Yes – where municipal infrastructure exists	Not required at this terminal	s. 13		☒		

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
Shore to Ship Power: Yes	No	s. 13		☒		

Future Innovation

Site Specific Requirements:

TNMP Requirements	Existing	TDP Essential Functional Requirement	TDP Desirable Functional Requirement	Primary Driver		
				ESS	EFF	EXP
EV Charging – Customers, Staff, Commercial Services: TBD	No	s. 13				
Electric Ship Charging: TBD	Yes					
Automated Mooring: TBD	No					

McWalter, Emma

From: McWalter, Emma
Sent: July 14, 2020 1:48 PM
To: Seitz, Robert; Lucia, Melanie; Nussbaum, Stephen
Cc: Doyle, Joanne; Jacobson, Mitchell
Subject: RE: Snug Cove Functional Requirement Review

Thanks for the notes Rob. Nothing missed from my perspective.

Below is the proposed revised wording for the holding capacity requirement which will be presented to the MPWG on Thursday.

TNMP Requirement	Proposed TDP Functional Design Requirement	Primary Driver			Reason for non-compliance with TNMP
		ESS	EFF	EXP	
Holding Capacity – Total AEQ: Requirement is 112 AEQ per TNMP Appendix A	s. 13	☒			s. 13

Thanks,
Emma

From: Seitz, Robert
Sent: July 14, 2020 1:43 PM
To: McWalter, Emma; Lucia, Melanie; Nussbaum, Stephen
Cc: Doyle, Joanne; Jacobson, Mitchell
Subject: Snug Cove Functional Requirement Review

Hi all,

Just wanted to summarize our meeting before I forget and to keep others in the loop. We reviewed the Snug Cove Functional Requirements as per attached including the eight exceptions to the TNMP requirements. Notes as follows:

1. Everyone in agreement that the Functional Requirements seem reasonable and we can proceed to MPWG.
2. BCF owns very little land and will work with the Bowen Island Municipality to try to improve vehicle loading, unloading, queuing, foot passenger pick up drop off and foot passenger flows in the future.
3. The MIM berth will stay where it is.
4. Future washroom building location will try to accommodate future road widening if possible.
5. s. 13
6. Emma and Rob to stay informed of future minor route reservation system and see how that may influence this TDP or future TDPs.

Anything I missed?

Rob

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 C: s. 15, s. 19

From: McWalter, Emma <Emma.McWalter@bcferries.com>

Sent: July 07, 2020 1:35 PM

To: Lucia, Melanie <Melanie.Lucia@bcferries.com>; Nussbaum, Stephen <Stephen.Nussbaum@bcferries.com>; Riis, Daniel <Daniel.Riis@bcferries.com>; Peterson, Greg <Greg.Peterson@bcferries.com>; Seitz, Robert <Robert.Seitz@bcferries.com>; Joyce, Jeff <Jeff.Joyce@bcferries.com>; Marinelli, Rosa <Rosa.Marinelli@bcferries.com>; Boyle, Kevin <Kevin.Boyle@bcferries.com>; Paterson, Bruce <Bruce.Paterson@bcferries.com>; Peel, Aggie <Aggie.Peel@bcferries.com>; Johnstone, Stewart <Stewart.Johnstone@bcferries.com>; Green, Brian <Brian.Green@bcferries.com>; Simpson, Peter <Peter.Simpson@bcferries.com>; Davidson, Jeff <Jeff.Davidson@bcferries.com>; Camaraire, Frank <Frank.Camaraire@bcferries.com>; Carroll, David <David.Carroll@bcferries.com>; Johnston, Darren <Darren.Johnston@bcferries.com>; Sami, Navin <Navin.Sami@bcferries.com>; Smith, Sandy <Sandy.Smith@bcferries.com>; Phipps, Captain Dale <Dale.Phipps@bcferries.com>; Hendry, David <David.Hendry@bcferries.com>; McNair, Rob <Rob.McNair@bcferries.com>; Thomason, Rosemarie <Rosemarie.Thomason@bcferries.com>; Fagen, David <David.Fagen@bcferries.com>; Hooper, Ed <Ed.Hooper@bcferries.com>

Cc: Jacobson, Mitchell <Mitchell.Jacobson@bcferries.com>; Doyle, Joanne <Joanne.Doyle@bcferries.com>; Kaehne, Tara <Tara.Kaehne@bcferries.com>; Gramatikova-Dineva, Desislava <Desislava.Gramatikova-Dineva@bcferries.com>; Owens, Sean <Sean.Owens@bcferries.com>

Subject: Master Planning Working Group - July 16

Good afternoon,

Our next Master Planning Working Group meeting is July 16 and our Agenda is as follows:

1. Meeting Minutes
 - a. Approve June 23, 2020 meeting minutes (attached)
 - b. For information, April 21, 2020 meeting minutes amended and posted to MPWG SharePoint library
2. MPSC July7 Meeting Update
3. Review and Approve the Functional Requirements for Snug Cove TDP (also attached)
4. Island Class Phase Overview

Thank you for taking the time to review the **Snug Cove Functional Requirements** in advance, your feedback is an important part of the TDP process. Kindly reach out to Mitchell Jacobson with any questions related to these terminal requirements.

Thanks,
Emma & Joanne

Emma McWalter
Manager, Terminal Strategic Planning
Strategy & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard St., Victoria, BC V8W 0B7
T: 250-978-1415 C: s. 15, s. 19
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McWalter, Emma

From: Seitz, Robert
Sent: October 27, 2016 2:22 PM
To: McWalter, Emma; Carroll, David; Morris, Chris
Subject: FW: Bowen Island Municipality Staff Referral

FYI

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 **C:** s. 15, s. 19 **F:** 250-361-4922
Robert.Seitz@bcferries.com
bcferries.com

From: Seitz, Robert
Sent: October 27, 2016 2:21 PM
To: 'Emma Chow'
Subject: RE: Bowen Island Municipality Staff Referral

Hi Emma,

Thank-you for keeping us informed.

Regards,
Rob

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 **C:** s. 15, s. 19 **F:** 250-361-4922
Robert.Seitz@bcferries.com
bcferries.com

From: Emma Chow [<mailto:EChow@bimbc.ca>]
Sent: October 27, 2016 2:18 PM
To: Seitz, Robert
Subject: RE: Bowen Island Municipality Staff Referral

Hi Rob,

Thank you for your referral response. Just a quick update on this project. It is still on the waiting list for a Committee of the Whole meeting. We lost the month of September to UBCM, then had some new developments with BC Hydro and waiting for some preliminary engineering work. We've realized that moving forward it would be greatly beneficial to put the hydro lines underground to accommodate better road/pedestrian infrastructure. This will definitely require close collaboration with the impending Snug Cove terminal redesign. I've passed along your contact info to the BC Hydro project manager for this area:

Shereen Pang
Transmission & Distribution
Sr. Engineer
Regional Planning
(604) 528-7964 Work
77964 Work
s. 15, s. 19 Mobile
Shereen.Pang@bchydro.com

We are expecting to bring the Cardena issues (and your referral response) to Council in November. I will keep you posted.

Cheers!

Emma Chow

Island Community Planner I
Bowen Island Municipality
981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca
604-947-4255 ext247

From: Seitz, Robert [mailto:Robert.Seitz@bcferries.com]
Sent: September 1, 2016 2:35 PM
To: Emma Chow <EChow@bimbc.ca>
Cc: Carroll, David <David.Carroll@bcferries.com>; McWalter, Emma <Emma.McWalter@bcferries.com>; Morris, Chris <Chris.Morris@bcferries.com>; Lomax, Captain Lance <Lance.Lomax@bcferries.com>
Subject: RE: Bowen Island Municipality Staff Referral

Hi Emma,

Apologies for our late response to your request for review of your traffic safety study. I have attached our response along with the original report you sent.

As discussed yesterday, we are happy to meet with you to discuss further. What date would council be reviewing your recommendations?

Regards,
Rob

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 C: s. 15, s. 19 F: 250-361-4922
Robert.Seitz@bcferries.com
bcferries.com

From: Emma Chow [mailto:EChow@bimbc.ca]
Sent: July 08, 2016 10:27 AM

To: Morris, Chris
Subject: FW: Bowen Island Municipality Staff Referral

Hi Chris,

I sent a referral to Darin several weeks ago (see below) and haven't heard back yet. I'm getting pressure to report back to Council on this project and would really like to understand any concerns from BC Ferries before moving forward on any work. Please review and send me your comments, and feel free to forward this along to any other BC Ferries staff that may have insight on possible impacts.

Emma Chow

Island Community Planner I

Bowen Island Municipality

981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca
604-947-4255 ext247

From: Emma Chow

Sent: June 21, 2016 3:03 PM

To: 'Guenette, Darin' <Darin.Guenette@bcferries.com>

Subject: Bowen Island Municipality Staff Referral

Hi Darin,

We've recently completed a traffic safety review of the intersection adjacent to the ferry dock in Snug Cove. Recommendations for improvements may or may not affect ferry marshalling/loading/unloading. Could you please forward my comments and the attached report to the appropriate people. Many thanks!

MAJOR SAFETY ISSUE IDENTIFIED:

- (To access Bowen Island Marina) travel in lane of opposing traffic (eastbound traffic in centre westbound lane between loading ramp and intersection)

RECOMMENDATION:

s. 13

POTENTIAL CONCERNS

s. 13

We are currently costing out the various improvement recommendations and would greatly appreciate BCF feedback on this one and the report in general, especially regarding impacts on ferry operations. Staff plans to bring the full set of recommendations to Council in July. Please let me know if you need more information or have any questions.

Thanks!

Emma Chow

Island Community Planner I

Bowen Island Municipality

981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca

McWalter, Emma

From: Seitz, Robert
Sent: September 01, 2016 2:35 PM
To: Emma Chow
Cc: Carroll, David; McWalter, Emma; Morris, Chris; Lomax, Captain Lance
Subject: RE: Bowen Island Municipality Staff Referral
Attachments: 2016-09-01 Letter to BIM.PDF; 5487 - FINAL REPORT.PDF

Hi Emma,

Apologies for our late response to your request for review of your traffic safety study. I have attached our response along with the original report you sent.

As discussed yesterday, we are happy to meet with you to discuss further. What date would council be reviewing your recommendations?

Regards,
Rob

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 C: s. 15, s. 19 F: 250-361-4922
Robert.Seitz@bcferries.com
bcferries.com

From: Emma Chow [<mailto:EChow@bimbc.ca>]
Sent: July 08, 2016 10:27 AM
To: Morris, Chris
Subject: FW: Bowen Island Municipality Staff Referral

Hi Chris,

I sent a referral to Darin several weeks ago (see below) and haven't heard back yet. I'm getting pressure to report back to Council on this project and would really like to understand any concerns from BC Ferries before moving forward on any work. Please review and send me your comments, and feel free to forward this along to any other BC Ferries staff that may have insight on possible impacts.

Emma Chow
Island Community Planner I
Bowen Island Municipality
981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca
604-947-4255 ext247

From: Emma Chow
Sent: June 21, 2016 3:03 PM
To: 'Guenette, Darin' <Darin.Guenette@bcferries.com>
Subject: Bowen Island Municipality Staff Referral

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s. 13

POTENTIAL CONCERNS

s. 13

We are currently costing out the various improvement recommendations and would greatly appreciate BCF feedback on this one and the report in general, especially regarding impacts on ferry operations. Staff plans to bring the full set of recommendations to Council in July. Please let me know if you need more information or have any questions.

Thanks!

Emma Chow
Island Community Planner I
Bowen Island Municipality
981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca
604-947-4255 ext247

September 1, 2016

Emma Chow
Island Community Planner
Bowen Island Municipality
981 Artisan Avenue
Bowen Island, BC V0N 1G2

File: G:/...Snug Cove

Dear Ms. Chow,

RE: Bowen Island Trunk Road at Cardena Road, Bowen Island – Intersection Safety Review FINAL Report

Thank-you for providing the opportunity to review and comment on the Creative Transportation Solutions document titled "Bowen Island Trunk Road at Cardena Road, Bowen Island – Intersection Traffic Safety Review FINAL Report". As you are aware, BC Ferries has worked with the Bowen Island Municipality (BIM) on numerous traffic flow and ferry marshalling studies in the past. Ferry traffic marshalling, vehicle loading, vehicle off-loading and foot passenger flows are critical elements to ensure safe and efficient ferry operations in this location considering the many site constraints. BC Ferries has provided comments below regarding the above mentioned report.

General Comments:

1. We are of the opinion that the proposed solutions in the report provide limited improvement to the safety of traffic movements between Cardena Road and the ferry dock, adjacent wharves and Pick-Up/Drop Off zones. It appears that the proposed solutions may create other traffic management issues, while taking a short term view toward meeting previously discussed objectives along Bowen Island Trunk (BIT) Road leading to the ferry terminal. The options do not address issues such as providing extra capacity for ferry marshalling, double lane loading (a desired long term objective), safe pedestrian flow to and from the terminal and space for a future waiting room/washroom building. BC Ferries would like to see longer term solutions being proposed that are more in line with the options developed by Quantum and Ekistics many years ago, or at least short term solutions that are part of a phased long term program, and not stand alone short term solutions.

2. s. 13

Removal of Ferry Marshalling Between Cardena Road and Ferry Berth:

1. If the driver of the first car in line is not paying attention to the ferry traffic light, a ferry employee has the ability to walk ashore and capture the driver's attention. Once the first vehicle starts moving, the vehicles lined up behind generally start following. s. 13

s. 13

2. This change will displace approximately six vehicles further west to the back of the ferry line and potentially onto the road. This may create a safety issue as the area between Cardena Road and the ferry ramp is an area with relatively slow moving traffic, when compared to the west end of the ferry line with traffic moving at much higher speeds.
3. Removal of the holding lane in this area may result in stranded vehicles between the intersection at Cardena and the ferry ramp during loading once the vessel is full. The vehicles may just stay parked in this area (as they do today), because they will not want to turn around and go to the back of the line that has formed behind Cardena intersection.
4. The current situation with the center two-way lane could be improved s. 13

s. 13

s. 13

BC Ferries could explore this option with BIM to see if there is opportunity for cost sharing.

5. BC Ferries' long term objective is to maintain two-lane off loading and the addition of two-lane loading being fed from two-lanes of ferry marshalling.

Removal of the North Sidewalk:

1. Currently the foot passengers approaching or leaving the ferry terminal use the north or south sidewalk depending on their parking, pickup/drop off situation or if taking a bus.

s. 13

2. Increased volumes of foot passenger traffic using the crosswalk will also slow down vehicles off loading and loading the vessel which could result in sailing delays.

In summary, BC Ferries is not supportive of the proposed changes in the report presented for reasons noted above. We would be happy to meet with you to discuss these issues further.

Regards,

s. 22

Robert Seitz
Superintendent, Terminal Development

Copy to: David Carroll, Director, BC Ferries Terminal Construction
Emma McWalter, Manager, BC Ferries Terminal Strategic Planning
Chris Morris, Superintendent, BC Ferries Terminal Operations
Lance Lomax, Superintendent, BC Ferries Vessel Operations

McWalter, Emma

From: Seitz, Robert
Sent: September 01, 2016 11:09 AM
To: Morris, Chris; Carroll, David; McWalter, Emma; Lomax, Captain Lance
Subject: RE: Bowen Island Municipality Staff Referral

Thanks Chris. I will add your comment around the intersection.

Rob

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 C: 250-514-3496 F: 250-361-4922
Robert.Seitz@bcferries.com
bcferries.com

From: Morris, Chris
Sent: September 01, 2016 10:08 AM
To: Seitz, Robert; Carroll, David; McWalter, Emma; Lomax, Captain Lance
Subject: FW: Bowen Island Municipality Staff Referral

Hi Rob, I have two comments;

- If traffic staging starts at the intersection, there is a possibility that when the ship is full that stopped traffic will be in the area between the ramp and the intersection. What will these vehicles do and who will re park them? They would most likely park where they are (per the current system) as they will not want to turn around and go back to the end of the line.
- Lance and I are working on a pilot to test splitting one lane of loading traffic into two at the ramp.

s. 13

s. 13

Thanks

Chris Morris
Superintendent
Terminal Operations, Central Region
British Columbia Ferry Services Inc.
T: 604-921-4260 F: 604-921-7238
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bcferries.com | [Facebook](#) | [Twitter](#)

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From: Carroll, David
Sent: August-31-16 6:37 PM
To: Seitz, Robert; Morris, Chris; McWalter, Emma; Lomax, Captain Lance
Cc: Williams, Gary
Subject: RE: Bowen Island Municipality Staff Referral

Here are my comments Rob.

David Carroll, P.Eng.
Director, Terminal Construction
British Columbia Ferry Services Inc.
T: (250) 978-1344 **C:** s. 15, s. 19 **F:** (250) 361-4922
David.Carroll@bcferries.com
bcferries.com

From: Seitz, Robert
Sent: August 31, 2016 11:49 AM
To: Carroll, David; Morris, Chris; McWalter, Emma; Lomax, Captain Lance
Cc: Williams, Gary
Subject: RE: Bowen Island Municipality Staff Referral
Importance: High

Hi all,

Please see my attached response to Emma for your feedback and comments. Feel free to edit as you see fit. I have also attached their report which is the subject of my response.

Apologies for the short notice but Emma requires a response very soon so she can send to council next week. I will assume you are okay with the draft response if I don't hear from you by noon tomorrow.

Regards,
Rob

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 **C:** s. 15, s. 19 **F:** 250-361-4922
Robert.Seitz@bcferries.com
bcferries.com

From: Carroll, David
Sent: July 14, 2016 2:17 PM
To: Seitz, Robert
Subject: FW: Bowen Island Municipality Staff Referral

From: Morris, Chris
Sent: July 14, 2016 1:17 PM
To: Williams, Gary; Carroll, David; McWalter, Emma
Subject: FW: Bowen Island Municipality Staff Referral

Hello, please see the following request for review. If there are any concerns let's discuss. I'll call Emma Chow to let her know that we are in the process of reviewing.

Thanks

Chris Morris
Superintendent
Terminal Operations, Central Region
British Columbia Ferry Services Inc.
T: 604-921-4260 F: 604-921-7238
Chris.Morris@bcferries.com
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From: Emma Chow [<mailto:EChow@bimbc.ca>]
Sent: July 08, 2016 10:27 AM
To: Morris, Chris
Subject: FW: Bowen Island Municipality Staff Referral

Hi Chris,

I sent a referral to Darin several weeks ago (see below) and haven't heard back yet. I'm getting pressure to report back to Council on this project and would really like to understand any concerns from BC Ferries before moving forward on any work. Please review and send me your comments, and feel free to forward this along to any other BC Ferries staff that may have insight on possible impacts.

Emma Chow

Island Community Planner I
Bowen Island Municipality
981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca
604-947-4255 ext247

From: Emma Chow
Sent: June 21, 2016 3:03 PM
To: 'Guenette, Darin' <Darin.Guenette@bcferries.com>
Subject: Bowen Island Municipality Staff Referral

Hi Darin,

We've recently completed a traffic safety review of the intersection adjacent to the ferry dock in Snug Cove. Recommendations for improvements may or may not affect ferry marshalling/loading/unloading. Could you please forward my comments and the attached report to the appropriate people. Many thanks!

MAJOR SAFETY ISSUE IDENTIFIED:

- (To access Bowen Island Marina) travel in lane of opposing traffic (eastbound traffic in centre westbound lane between loading ramp and intersection)

RECOMMENDATION:

s. 13

POTENTIAL CONCERNS

s. 13

We are currently costing out the various improvement recommendations and would greatly appreciate BCF feedback on this one and the report in general, especially regarding impacts on ferry operations. Staff plans to bring the full set of recommendations to Council in July. Please let me know if you need more information or have any questions.

Thanks!

Emma Chow

Island Community Planner I

Bowen Island Municipality

981 Artisan Lane

Bowen Island, BC V0N 1G2

echow@bimbc.ca

604-947-4255 ext247

McWalter, Emma

From: Emma Chow <EChow@bimbc.ca>
Sent: August 26, 2016 9:38 AM
To: Seitz, Robert
Cc: McWalter, Emma
Subject: RE: Bowen Island Municipality Staff Referral

Hi Rob,

Mid-week would be great – my report deadline is end of next week.

Thanks!

Emma Chow

Island Community Planner I
Bowen Island Municipality
981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca
604-947-4255 ext247

From: Seitz, Robert [mailto:Robert.Seitz@bcferries.com]
Sent: August 26, 2016 9:30 AM
To: Emma Chow <EChow@bimbc.ca>
Cc: McWalter, Emma <Emma.McWalter@bcferries.com>
Subject: RE: Bowen Island Municipality Staff Referral

Hi Emma,

Apologies for the delay in getting back to you. We have reviewed with Terminal Operations and are having a discussion this morning so we can send a formal response. Is mid next week okay for our response?

Rob

Rob Seitz, P.Eng
Superintendent, Terminal Development
British Columbia Ferry Services Inc.
T: 250-978-1268 C: s. 15, s. 19 F: 250-361-4922
Robert.Seitz@bcferries.com
bcferries.com

From: Emma Chow [mailto:EChow@bimbc.ca]
Sent: August 25, 2016 4:05 PM
To: McWalter, Emma
Cc: Seitz, Robert
Subject: RE: Bowen Island Municipality Staff Referral

Hi Emma,

How's your summer? When we last spoke, you said you needed to discuss our referral with David Carroll and would get back to me by mid-August.

I've been getting quite a few inquiries as to the status of this safety study, and have a Council workshop scheduled to further discuss next month. Comments from BC Ferries will be very valuable in informing this discussion and helping us decide next steps for safety improvements at the Cardena intersection.

Mainly, I'd like to know if BC Ferries has any concerns with removing ferry marshalling from the eastbound lane between Cardena Rd and the ferry dock.

Hope to hear from you soon!

Emma Chow

Island Community Planner I

Bowen Island Municipality

981 Artisan Lane

Bowen Island, BC V0N 1G2

echow@bimbc.ca

604-947-4255 ext247

From: McWalter, Emma [<mailto:Emma.McWalter@bcferries.com>]

Sent: July 15, 2016 1:22 PM

To: Emma Chow <EChow@bimbc.ca>

Cc: Seitz, Robert <Robert.Seitz@bcferries.com>

Subject: Bowen Island Municipality Staff Referral

Hi Emily,

I am wondering if you are available Monday after 1:30pm for a call with myself and Rob Seitz from Terminal Construction regarding the plans you sent to Chris Morris?

We look forward to talking with you.

Thanks.

Emma McWalter

Manager Terminal Strategic Planning

Strategic Planning & Community Engagement

British Columbia Ferry Services Inc.

Suite 500-1321 Blanshard Street, Victoria, BC, V8W 0B7

T: 250-978-1415 **C:** s. 15, s. 19 **F:** 250-388-9599

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McWalter, Emma

From: Morris, Chris
Sent: July 14, 2016 1:17 PM
To: Williams, Gary; Carroll, David; McWalter, Emma
Subject: FW: Bowen Island Municipality Staff Referral
Attachments: 5487 - FINAL REPORT.pdf

Hello, please see the following request for review. If there are any concerns let's discuss. I'll call Emma Chow to let her know that we are in the process of reviewing.

Thanks

Chris Morris
Superintendent
Terminal Operations, Central Region
British Columbia Ferry Services Inc.
T: 604-921-4260 **F:** 604-921-7238
Chris.Morris@bcferries.com
bcferries.com | Facebook | Twitter

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From: Emma Chow [<mailto:EChow@bimbc.ca>]
Sent: July 08, 2016 10:27 AM
To: Morris, Chris
Subject: FW: Bowen Island Municipality Staff Referral

Hi Chris,

I sent a referral to Darin several weeks ago (see below) and haven't heard back yet. I'm getting pressure to report back to Council on this project and would really like to understand any concerns from BC Ferries before moving forward on any work. Please review and send me your comments, and feel free to forward this along to any other BC Ferries staff that may have insight on possible impacts.

Emma Chow
Island Community Planner I
Bowen Island Municipality
981 Artisan Lane
Bowen Island, BC V0N 1G2
echow@bimbc.ca
604-947-4255 ext247

From: Emma Chow
Sent: June 21, 2016 3:03 PM
To: 'Guenette, Darin' <Darin.Guenette@bcferries.com>
Subject: Bowen Island Municipality Staff Referral

Hi Darin,

We've recently completed a traffic safety review of the intersection adjacent to the ferry dock in Snug Cove. Recommendations for improvements may or may not affect ferry marshalling/loading/unloading. Could you please forward my comments and the attached report to the appropriate people. Many thanks!

MAJOR SAFETY ISSUE IDENTIFIED:

- (To access Bowen Island Marina) travel in lane of opposing traffic (eastbound traffic in centre westbound lane between loading ramp and intersection)

RECOMMENDATION:

s. 13

POTENTIAL CONCERNS

s. 13

We are currently costing out the various improvement recommendations and would greatly appreciate BCF feedback on this one and the report in general, especially regarding impacts on ferry operations. Staff plans to bring the full set of recommendations to Council in July. Please let me know if you need more information or have any questions.

Thanks!

Emma Chow

Island Community Planner I

Bowen Island Municipality

981 Artisan Lane

Bowen Island, BC V0N 1G2

echow@bimbc.ca

604-947-4255 ext247

McWalter, Emma

From: Carroll, David
Sent: February 11, 2016 3:36 PM
To: McWalter, Emma
Cc: Guenette, Darin
Subject: RE: Snug Cove - Terminal Development Plan Related Upgrades
Attachments: IMG_1787.jpg; DSCN4525.JPG; DSCN4482.JPG; 1521 15 2015.11.06.pdf

Emma,

Your scope and schedule seem reasonable. Attached are photos of Q Cove and Alert Bay waiting rooms as an example. The waiting room areas of the buildings are scalable to suit the passenger level requirements. The attached drawings show some various options that have been considered for the Denman/Hornby Waiting Room Buildings replacements. Various roof line configurations shown can be utilized to suit the look/feel of specific sites.

David Carroll, P.Eng.
Director, Terminal Construction
British Columbia Ferry Services Inc.
T: (250) 978-1344 C: s. 15, s. 19 F: (250) 361-4922
David.Carroll@bcferries.com
bcferries.com

From: McWalter, Emma
Sent: February 11, 2016 12:26 PM
To: Carroll, David
Cc: Guenette, Darin
Subject: RE: Snug Cove - Terminal Development Plan Related Upgrades

Hi David,

Just following up on our discussions about future improvements at Snug Cove. Darin and Mark met with the Bowen Isl FAC in January and briefly discussed future plans for upgrades at the terminal. At the time, Mark committed to providing a little more information on scope and timing of the future improvements following the meeting. Darin was contacted by the FAC today as a follow up.

Can you please advise if Darin can provide the information below to the Bowen Isl FAC?

Project: Snug Cove Terminal Development Plan Related Upgrades

Scope:

- Replace existing washroom building with a new waiting/washroom/electrical room building (can you provide a picture of some of the recent waiting/room washroom building replacements)
- Improve roadway approach to ramp
- Improve foot passenger queue area

Schedule*:

- F2018 Terminal Development Plan - consultation with FAC and local stakeholders

- F2020 conceptual design
- F2021 construction

* the schedule is subject to change, pending project approval

Thanks,
Emma

Emma McWalter
Manager Terminal Strategic Planning
British Columbia Ferry Services Inc.
T: 250-978-1415 C: s. 15, s. 19 F: 250-388-9599
emma.mcwalter@bcferries.com
bcferries.com

From: Li, Jeffrey
Sent: February 01, 2016 3:57 PM
To: McWalter, Emma
Subject: RE: Snug Cove - Terminal Development Plan Related Upgrades

Hi Emma,

Talked to DC. Will leave this in his hand to respond.

Thanks

Jeffrey

Jeffrey Li, MBA, PMP, B Eng.
Project Manager, Terminal Construction
Terminal Engineering
British Columbia Ferry Services Inc.
T: 250-978-1420 C: s. 15, s. 19 F: 250-361-4922
jeffrey.li@bcferries.com
bcferries.com

From: McWalter, Emma
Sent: January 27, 2016 10:07 AM
To: Li, Jeffrey
Subject: Snug Cove - Terminal Development Plan Related Upgrades

Hi Jeffery,

Mark C recently met with the FAC on Bowen Island and they touched on the F2021 Terminal Development Plan Related Upgrades. While the project is still a few years out, Mark has committed to providing the FAC a bit more information on the project. To that end, can you please confirm the project scope and schedule and provide copies of any design drawings or photos of the standard waiting room/washroom building that we would expect to be a similar replacement at this terminal.

Scope:

- Replace existing washroom building with a new waiting/washroom/electrical room building;
- Improve roadway approach to ramp; and
- Improve foot passenger queue area.

Schedule:

- F2018 Terminal Development Plan
- F2020 conceptual design, detailed costing
- F2021 construction

Thanks,
Emma

Emma McWalter
Manager Terminal Strategic Planning
Strategic Planning
British Columbia Ferry Services Inc.
Suite 500-1321 Blanshard Street, Victoria, BC, V8W 0B7
T: 250-978-1415 C: s. 15, s. 19 F: 250-388-9599
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Date: May 20, 2016
Our File No: 5487-01

BY EMAIL

Emma Chow
Island Community Planner
Bowen Island Municipality
981 Artisan Lane
Bowen Island, BC
V0N 1G0

Dear Ms. Chow:

Re: Bowen Island Trunk Road at Cardena Road, Bowen Island – Intersection Traffic Safety Review FINAL Report

CTS is pleased to submit this FINAL Report for the above captioned intersection traffic safety review. The primary objectives of the review were to perform a technical and safety assessment of the intersection at Bowen Island Trunk Road and Cardena Road and to make recommendations for improvements (if any).

The key issues to be addressed were:

- Overall pedestrian road safety;
- Sight lines / near misses at intersection;
- BC Ferry operation queuing / marshalling interface;
- BC Transit pick-up / drop-off interface;
- Pedestrian, cyclist and vehicle volumes;
- Pedestrian crossing warrant analysis;
- All-way intersection control warrant analysis; and
- Roadway illumination.

1.0 BACKGROUND

Bowen Island, British Columbia is an island municipality in Howe Sound, a member municipality of Metro Vancouver, and an island within the jurisdiction of the Islands Trust. Approximately 6 km wide by 12 km long (or 49.9 km² in area), the island at its closest point

is about 3 km west of the Lower Mainland. There is regular BC Ferry service between Snug Cove and Horseshoe Bay as well as water taxi service.

The population of approximately 3,500 is supplemented by another 1,500 part time residents in the summer, as Bowen Island is a popular vacation home location. In addition to the many day visits, over 500 employees and 200 students commute to work and school on the Lower Mainland each day.

A site plan of Snug Cove and the intersection of Bowen Island Trunk Road and Cardena Road are illustrated by **FIGURE 1**.

FIGURE 1
Snug Cove Site Plan
Bowen Island Trunk Road at Cardena Road Intersection



2.0 TRANSPORTATION REVIEW

Bowen Island's principal transportation corridor is along Bowen Island Trunk Road through to Snug Cove where the BC Ferry Corporation provides a water transportation link between Bowen Island and the Lower Mainland – the Snug Cove / Horseshoe Bay Ferry. While there are a few other transportation options available to Bowen Islanders i.e. Cormorant Marine Water Taxi and English Bay Launch, the movement of goods, services and all other travel to and from the Island is primarily via the Snug Cove / Horseshoe Bay Ferry.

The mode of transportation to, from and on the ferry varies widely. Travelers arrive at Snug Cove by foot, bicycle, scooter, motorcycle, car, school bus and community shuttle. Many motorists car pool as well.



Photo 1 - Bicycle & Scooter Parking

Operation of the Snug Cove / Horseshoe Bay Ferry is as per the schedule included in **APPENDIX A**. Travelers begin arriving well in advance of the ferry's arrival. Motorists awaiting the ferry's arrival will marshal along Bowen Island Trunk Road in the curb lane on the approach to the main dock ramp. The queue typically extends back through the intersection at Cardena Road and to Miller Road. Foot passengers and cyclists awaiting the ferry's arrival will marshal at the top of the main dock ramp either side - at the passenger shelter or at the entrance to the Bowen Island Marina.



Photo 2 - Motorists Awaiting Snug Cove / Horseshoe Bay Ferry

Upon arrival of the ferry at Snug Cove, foot passengers and cyclists on the ferry disembark via the walkway on the west side of the main dock ramp. Once all foot passengers and cyclists have disembarked, motorists are directed to disembark via a single lane on to Bowen Island Trunk Road.

As soon as the ferry has been fully offloaded, foot passengers and cyclists are loaded via the walkway on the west side of the main dock ramp followed by motorists. Foot passenger and cyclist movements are controlled by a small gate at the top of the main dock ramp whereas motor vehicle movements are controlled by a traffic signal on Bowen Island Trunk Road (RED / GREEN) and a large gate at the top of the main dock ramp.

Foot passengers, cyclists and motorists arriving late are subsequently loaded alternating between pedestrians and cyclists, and motorists prior to the ferry leaving for Horseshoe Bay.



Photo 3 - Main Dock Ramp



Photo 4 - Foot Passengers & Cyclists Loading

The significance of the Snug Cove / Horseshoe Bay Ferry operation is its upstream / downstream impact on the intersection of Bowen Island Trunk Road at Cardena Road, the subject of this intersection traffic safety review.

3.0 INTERSECTION REVIEW

CTS staff made a site visit to Snug Cove on Friday, April 22, 2016. The purpose of that site visit was to document the configuration of the intersection and observe its operation. CTS staff also installed Automated Tube Counters on Friday, April 22, 2016 as well and performed two four hour turning movement counts on Sunday, April 24, 2016 and Monday, April 25, 2016. For a summary of the traffic count data see **APPENDIX B**.

Following are the key observations from the site visit:

Geometry

Bowen Island Trunk Road is oriented east / west with Cardena Road intersecting on the north and forming a "T" intersection. A private driveway on the south and offset to the west of Cardena Road, connects to a pay-to-park lot. See **FIGURE 2**.

FIGURE 2
Bowen Island Trunk Road at Cardena Road



The intersection geometry is as follows:

- The north approach is four lanes (southbound parking lane and right / left turn lane and northbound parking lane and through lane) with a gravel shoulder along both the east and west sides. The north approach is STOP controlled.
- The east approach is three lanes (eastbound ferry vehicle marshalling lane, westbound through lane and westbound through / right turn lane) with a concrete curb and asphalt sidewalk along the south side and concrete roadside barrier and a pedestrian walkway along the north side.
- The west approach is five lanes (eastbound parking lane, eastbound ferry vehicle marshalling lane and eastbound through / left turn lane and two westbound through

lanes) with a concrete curb and asphalt sidewalk along the north side and a concrete curb and asphalt sidewalk along the south side. The eastbound ferry vehicle marshalling lane is controlled by a side mount traffic signal (RED / GREEN).

See **FIGURE 3**.

FIGURE 3
Bowen Island Trunk Road at Cardena Road Intersection



Of note, the westbound number one through lane aligns directly opposite the eastbound number one through / left turn lane. Motorists westbound on Bowen Island Trunk Road must shift an entire lane width to the north through the intersection at Cardena Road. Motorists do travel into the opposing through / left turn lane or become disorientated and distracted while driving through the intersection.

Cardena Road is the designated road for foot passenger drop off and pick up. It is used by motorists, school busses and community shuttles dropping off or picking up foot passengers as well as for turning their vehicle around northbound to southbound. They do so by driving onto a side street or private driveway then backing out on to Cardena Road.

The eastbound ferry vehicle marshalling lane extends along Bowen Island Trunk Road from approximately fifty meters east of Cardena Road west to Miller Road. It is control by a side mounted traffic signal (RED / GREEN).

Pavement Markings

The intersection is marked as follows:

- The north approach is divided directionally by a single solid yellow line. The southbound parking lane is designated as the community shuttle bus stop and is hatched diagonally with solid yellow lines. There is a solid white stop bar on the north approach adjacent to the STOP sign.
- The east approach is divided directionally by a solid white line. The westbound through lane and westbound through / right turn lane are divided by a solid yellow line. There are directional through arrows painted in both westbound lanes.
- The west approach is divided directionally by double solid yellow lines. The westbound through lanes are divided by a dashed white line. There are directional through arrows painted in both westbound lanes. The eastbound through / left turn lane and ferry vehicle marshalling lane are divided by a solid white line. There is a directional through arrow painted in the eastbound through / left turn lane. The parking lane is divided into individual parking spaces by solid white "T" markings.
- There are parallel solid white lines on both the north and west approaches designating the pedestrian crosswalks. The crosswalks are also marked internally with images of marine life.
- The eastbound parking lane and ferry vehicle marshalling lane are hatched diagonally with solid yellow lines through the intersection of Bowen Island Trunk Road and Cardena Road and to the west of the private driveway connecting to the pay-to-park lot.



Photo 5 - Parallel Line Crosswalk



Photo 6 - Intersection Hatching

Signage

The signage within and adjacent to the intersection can be separated into four categories: regulatory, warning, guide and informational.

Regulatory signage related to the STOP control on Cardena Road and the pedestrian crossing on Bowen Island Trunk Road is in place. There is parking regulatory signage in place though the coverage is not thorough and not consistent. There is no speed limit sign on Bowen Island Trunk Road westbound at the main dock ramp.

Object warning markers are in place on the concrete roadside barrier.

There is guide signage in place directing motorists to the drop off and pick up area on Cardena Road as well as signage at the top of the main dock ramp directing foot passengers to the drop off and pick up area on Cardena Road.

There is informational signage in place primarily advising motorists of the Snug Cove / Horseshoe Bay Ferry operation.



Photo 7 - Parking Regulation & Guide Signage



Photo 8 - Informational Signage

Foot Passenger Access

A significant number of foot passengers arrive at Snug Cove daily, predominantly during the morning and afternoon peak periods when the total number of passengers is as high as 350 per ferry per hour. They arrive on foot, by bus or are dropped off and all must travel through the intersection of Bowen Island Trunk Road and Cardena Road to the Snug Cove / Horseshoe Bay Ferry marshalling areas. Most travel along the asphalt sidewalk on the south side of Bowen Island Trunk Road though many travel along the

pedestrian walkway behind the concrete roadside barrier on the north side of Bowen Island Trunk Road.

The pedestrian landing at the northwest corner of the intersection is obstructed by sign posts and a utility pole. The utility pole also obstructs the sight line to / from the west. The curb letdown does not meet current design standards.

There is no pedestrian landing on the northeast corner. Pedestrians must walk within the roadway in order to access the pedestrian walkway on the north side of Bowen Island Trunk Road. The sight line to / from the east is obstructed by a retaining wall and vegetation atop the wall.

The pedestrian crossing at the southwest corner of the intersections is obstructed by a sign post and utility pole. The utility pole also obstructs the sight line to / from the west. The curb letdown does not meet current design standards.

The asphalt sidewalk on the south side of Bowen Island Trunk Road lets down to cross the driveway access to the pay-to-park lot and extends east to the Snug Cove / Horseshoe Bay Ferry main dock ramp. The asphalt sidewalk width varies, with the narrowest section adjacent to the men's and women's rest rooms at the ferry marshalling area.

The pedestrian walkway in back of the concrete roadside barrier is paved and approximately 1.5 meters in width. The walkway terminates at the driveway into the Bowen Island Marina where pedestrians must marshal within the roadway.



Photo 9 - Northwest Corner Bowen Island Trunk Road & Cardena Road



Photo 10 - Pedestrian Walkway



Photo 11 - Foot Passenger Marshal Area – Bowen Island Marina

Cyclist Access

There are no designated cycling facilities. Cyclists either ride along Bowen Island Trunk Road or on the asphalt sidewalk along the south side. Bicycle storage racks are located on the south side of Bowen Island Trunk Road in back of the foot passenger shelter at the top of the main dock ramp.

Transit Access

There is a community shuttle bus stop (C10) on the north approach on the west side of Cardena Road. The bus stop can accommodate up to two shuttles. There is a bench but no landing pad and no shelter. Community shuttles accessing the bus stop must turn around on Cardena Road northbound to southbound at a side street or in a private driveway.

School busses also use Cardena Road to drop off and pick up. They do so on the east side of Cardena Road. Again, there is no landing pad or shelter. School busses must turn around on Cardena Road northbound to southbound at a side street or in a private driveway.

There is no sidewalk connecting the community shuttle bus stop or the school bus stop with the intersection of Bowen Island Trunk Road at Cardena Road.



Photo 12 - Transit Stop - Cardena Road

Street Lighting

There is lighting on Bowen Island Trunk Road on the approach to the main dock ramp and towards Miller Road. Its spacing varies. There is one street light at the intersection of Bowen Island Trunk Road and Cardena Road. There is no street lighting on Cardena Road.

Ferry Operation

As discussed in the previous section, the operation of the Snug Cove / Horseshoe Bay Ferry has an upstream / downstream impact on the operation and safety of the intersection of Bowen Island Trunk Road at Cardena Road.

In addition to foot, bicycle and vehicle traffic moving through Snug Cove to / from the Snug Cove / Horseshoe Bay Ferry, there is significant activity related to ferry vehicle marshalling along Bowen Island Trunk Road. As foot passengers, cyclists and motorists arrive, many exit their bus or vehicle and move throughout Snug Cove, visiting the many small businesses and shops, visiting with other travelers, walking themselves or their dog throughout the adjacent parks and / or along the foreshore.

Intersection Safety

There were several deficiencies and road / intersection safety issues noted by CTS staff during their site visit:

- The road geometry on the east and west approaches to the intersection of Bowen Island Trunk Road is non-conforming. The Transportation Association of Canada (TAC) *Geometric Design Guide for Canadian Roads* allows for a maximum half lane offset through an intersection. Motorists arriving at the intersection from the east do travel into the opposing through / left turn lane or become disorientated and distracted while driving through the intersection.
- The lane lines on the east approach are non-conforming. The TAC *Manual of Uniform Traffic Control Devices* requires a yellow line separating opposing traffic lanes and a white line separating approaching traffic lanes.
- Motorists travel in the opposing lane between the intersection of Bowen Island Trunk Road at Cardena Road and the main dock ramp to access the Bowen Island Marina when the ferry vehicle marshalling lane is occupied.
- The directional arrows are non-conforming. The TAC *Manual of Uniform Traffic Control Devices* requires multi-directional arrows in lanes where multiple turns are allowed.
- The crosswalk crossing Bowen Island Trunk Road at Cardena Road is non-conforming. The TAC *Manual of Uniform Traffic Control Devices* requires that the crosswalk be painted with a "zebra" pavement marking at an uncontrolled intersection.
- Foot passengers accessing the main dock ramp via the pedestrian walkway marshal in the driveway to the Bowen Island Marina opposite the main dock ramp to where they are to board.
- Pavement hatching is typically white as per the TAC *Manual of Uniform Traffic Control Devices*.
- Pedestrian landings in the intersection of Bowen Island Trunk Road and Cardena Road are congested and sight lines obstructed. The curb letdowns are non-conforming as per TAC *Geometric Design Guide for Canadian Roads*. The curb let downs should be directional and meet the dimensions specified.
- There is no landing pad at either the community shuttle bus stop or school bus stop.

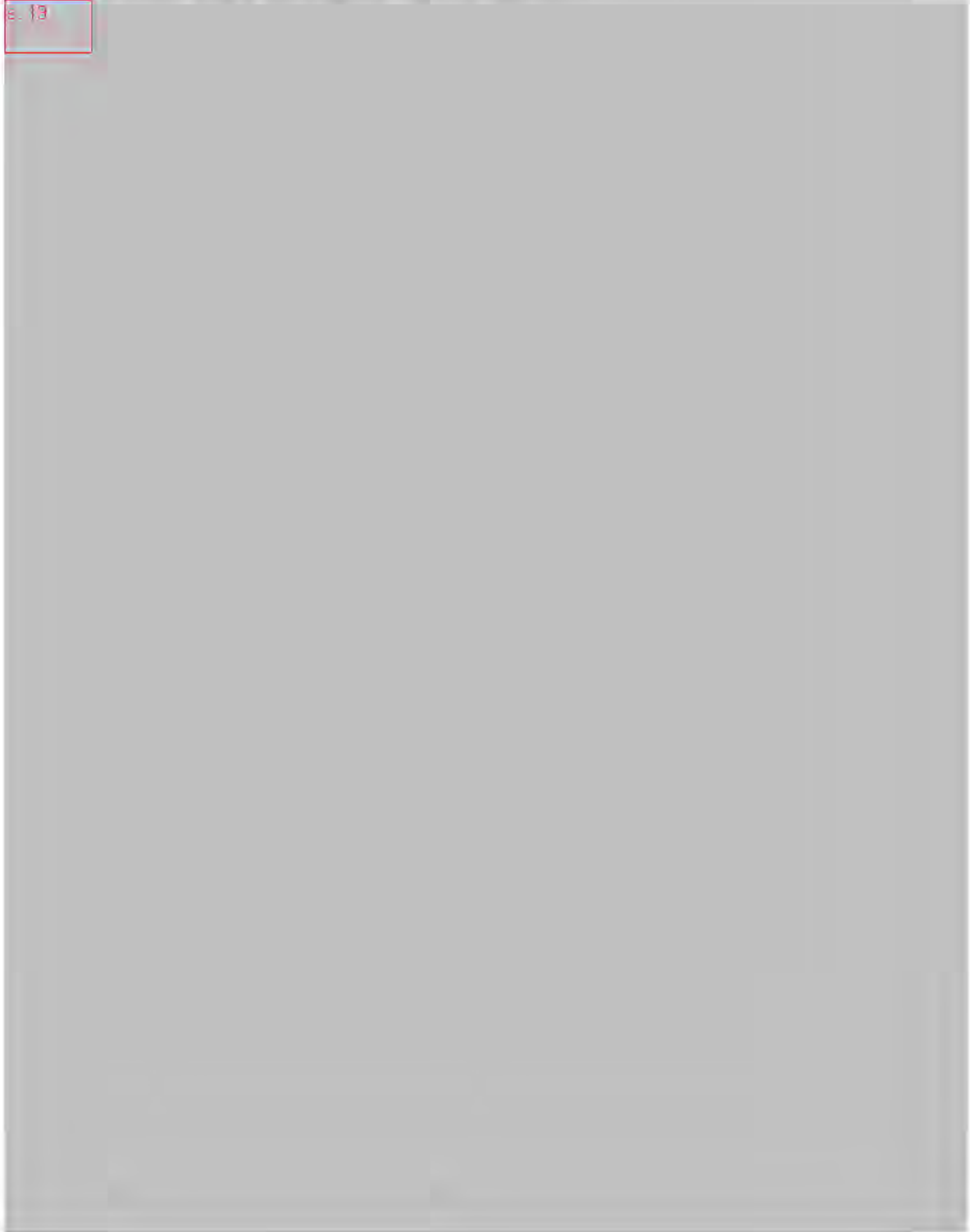
- There is no sidewalk connecting either the community shuttle bus stop or school bus stop with the intersection of Bowen Island Trunk Road and Cardena Road.
- There is no street lighting at either the community shuttle bus stop or school bus stop.
- There should be an overhead primary traffic signal in addition to the secondary side mounted traffic signal as per *TAC Manual of Uniform Traffic Control Devices*.
- No Parking signage is missing or incomplete.
- There is no speed limit sign on Bowen Island Trunk Road westbound at the main dock ramp.
- Movement and access by vulnerable road users is challenged by many of the deficiencies and road / intersection safety issues noted above.



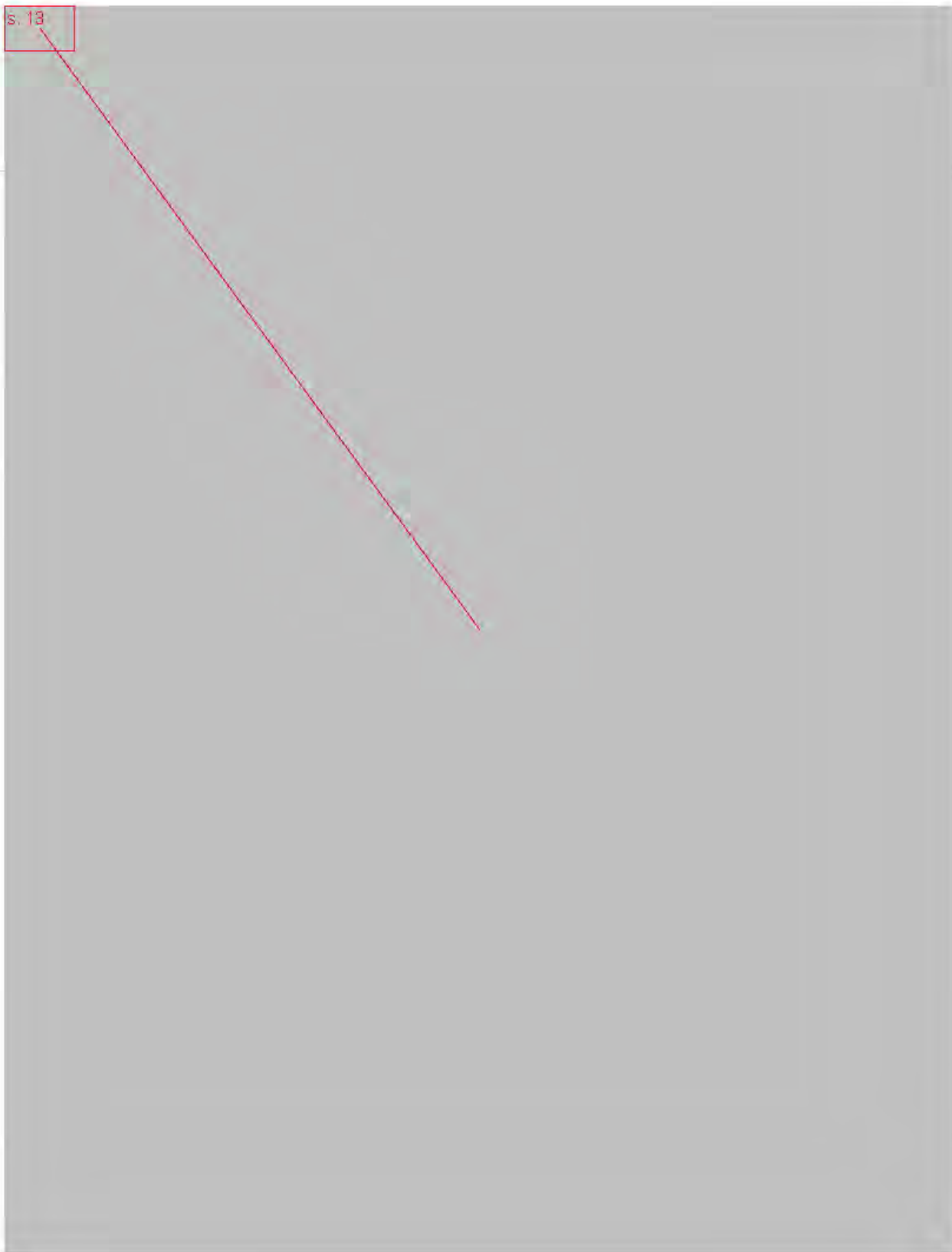
Photo 23 – Foot Passengers running between the Main Dock Ramp and Bowen Island Marina

4.0 INTERSECTION SAFETY IMPROVEMENTS

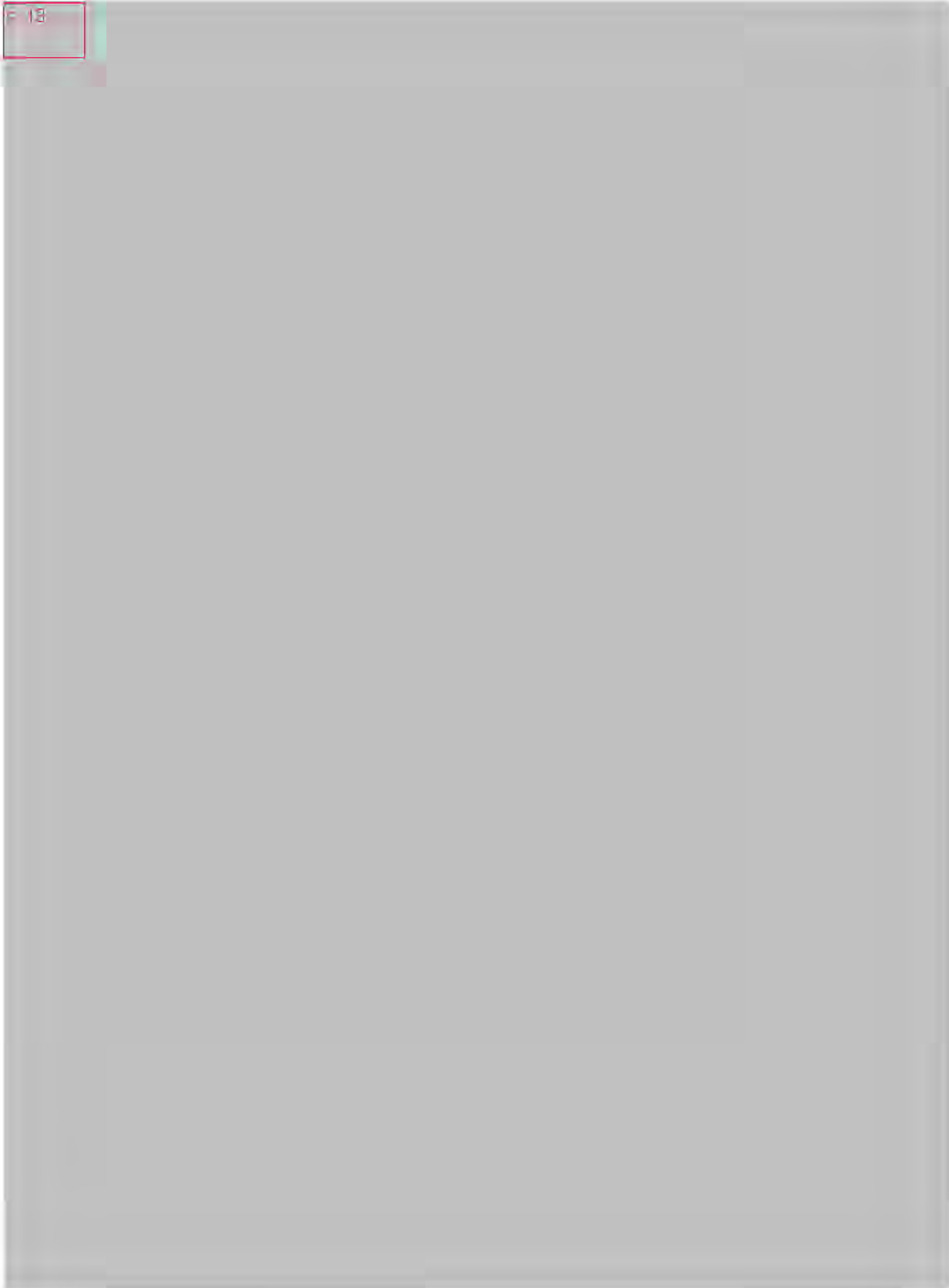
8.13



s. 13



F 18



S. 13





In closing, CTS would like to thank the Bowen Island Municipality for this unique and interesting assignment. We trust that you will find our report informative and thorough, thereby providing reasonable and cost effective responses to the issue of intersection traffic safety for Bowen Island Trunk Road at Cardena Road.

Yours truly,



Brent A. Dozzi, P. Eng.
Senior Traffic Engineer

Phone: 604-936-6190
Email: bdozzi@cts-bc.com



APPENDIX A

Snug Cove / Horseshoe Bay Ferry Schedule

Leave Bowen Island (Snug Cove)	Leave Horseshoe Bay (Vancouver)
5:30 am <i>Daily except Sat & Sun</i>	6:00 am <i>Daily</i>
6:30 am <i>Daily</i>	7:00 am <i>Daily except Sat & Sun</i>
7:30 am <i>Daily except Sat & Sun</i>	8:00 am <i>Daily</i>
8:30 am <i>Daily</i>	9:00 am <i>Daily except Sun & Wed are (DC)</i>
9:30 am <i>Daily except Sun</i>	10:00 am <i>Daily</i>
10:30 am <i>Daily</i>	11:00 am <i>Daily</i>
11:30 am <i>Daily</i>	12:00 pm <i>Daily</i>
12:30 pm <i>Daily</i>	2:25 pm <i>Daily</i>
3:00 pm <i>Daily</i>	3:30 pm <i>Daily</i>
4:00 pm <i>Daily except Wed are (DC)</i>	4:30 pm <i>Daily</i>
5:00 pm <i>Daily</i>	5:30 pm <i>Daily</i>
6:00 pm <i>Daily</i>	6:30 pm <i>Daily</i>
7:00 pm <i>Daily except Sat</i>	7:30 pm <i>Daily except Sat</i>
8:00 pm <i>Daily except Sun</i>	8:30 pm <i>Daily except Sun</i>
9:00 pm <i>Daily</i>	9:30 pm <i>Daily</i>
10:00 pm <i>Daily</i>	

DC: Wednesday sailings will be replaced by Dangerous Cargo sailings. No other passengers permitted.

APPENDIX B

Turning Movement Count

Data &

Automated Tube Count Data

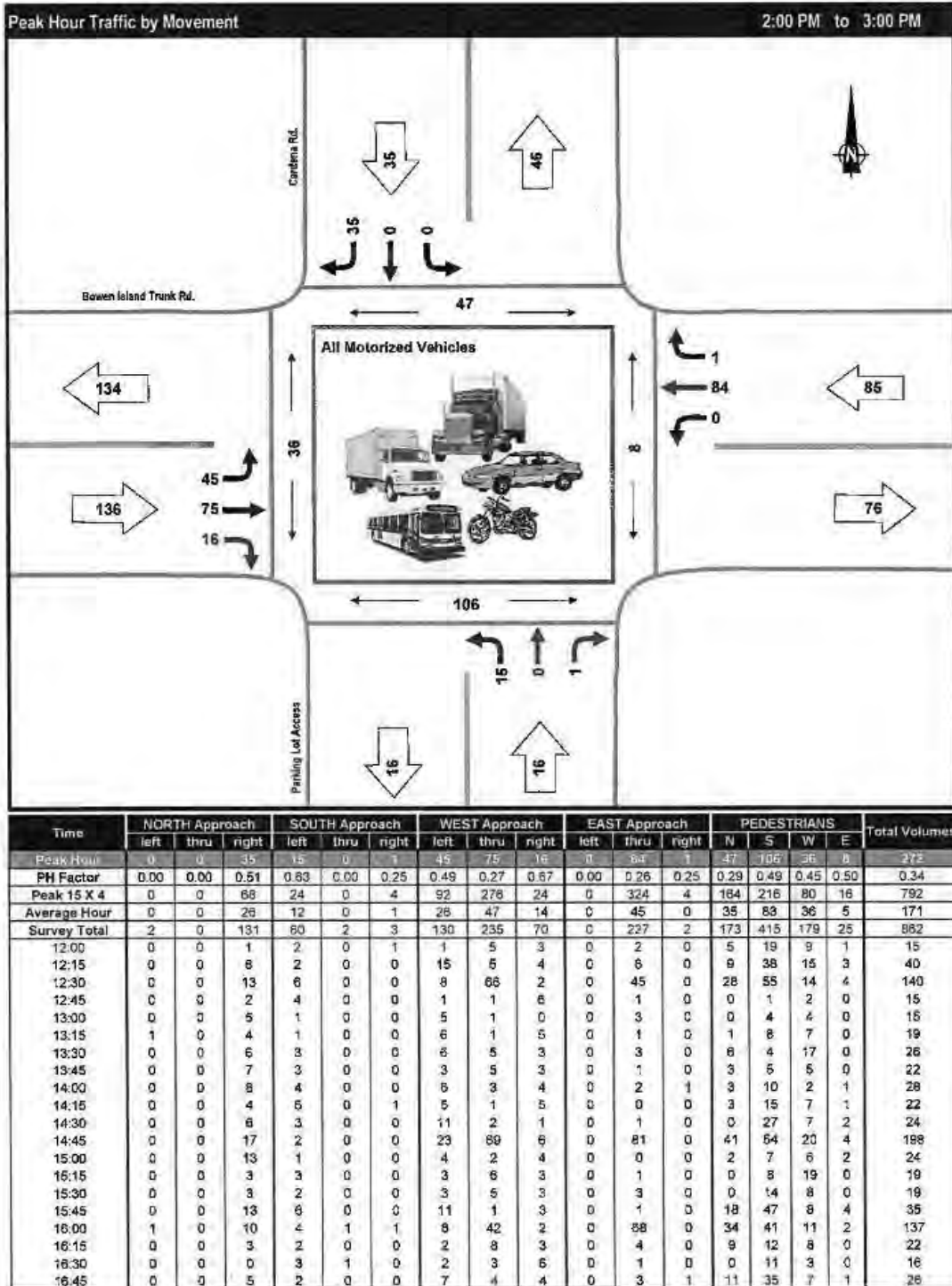


Cardena Rd. & Bowen Island Trunk Rd.

Sunday, April 24, 2016

Project: #5487: Bowen Island Trunk Road at Cardena Road - Intersection Safety Study
Municipality: Bowen Island
Weather: Cloudy
Vehicle Class: All Motorized Vehicles

Midday Peak Period



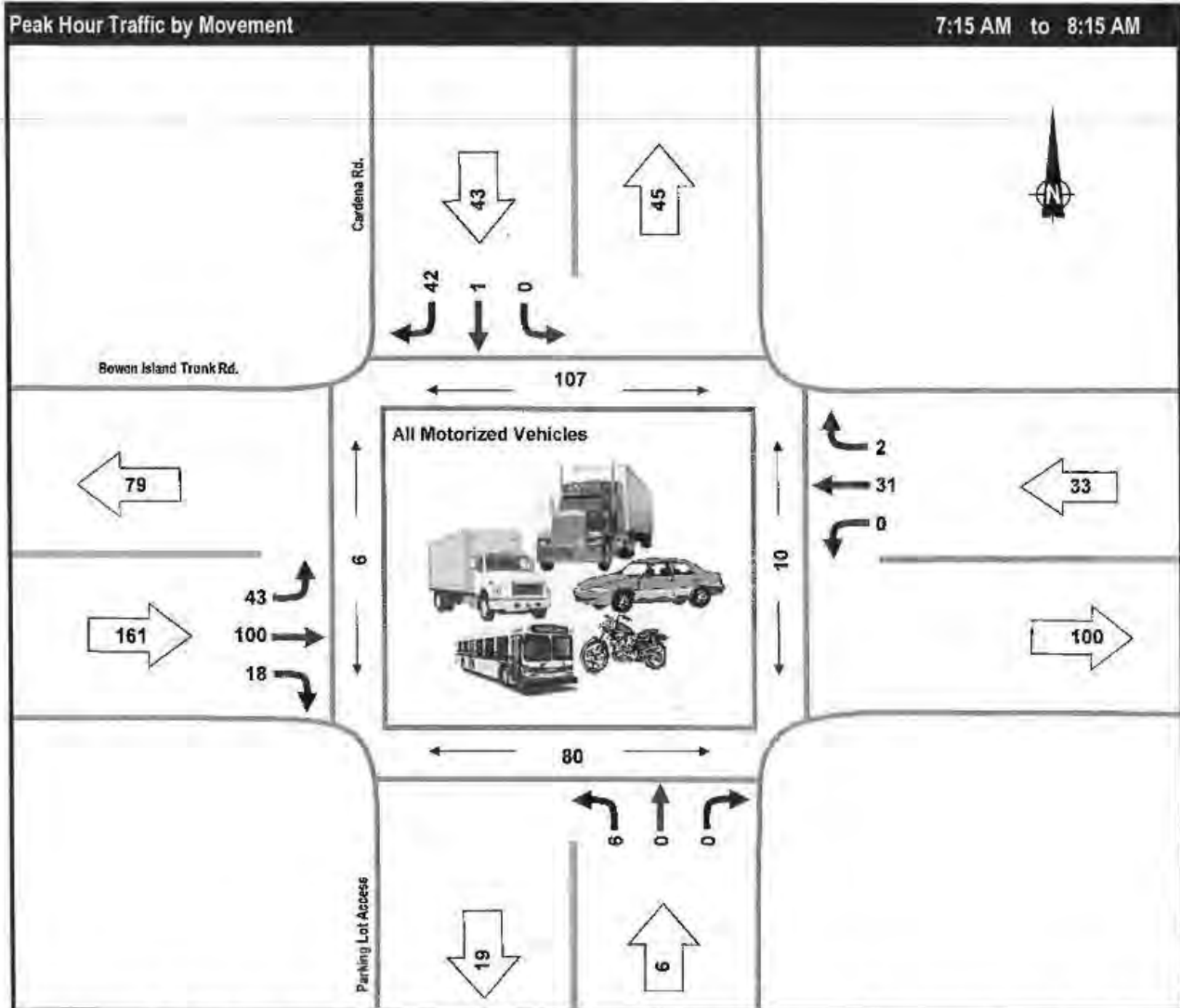


Cardena Rd. & Bowen Island Trunk Rd.

Monday, April 25, 2016

Project: #5487: Bowen Island Trunk Road at Cardena Road - Intersection Safety Study
Municipality: Bowen Island
Weather: Cloudy
Vehicle Class: All Motorized Vehicles

Morning Peak Period



Time	NORTH Approach			SOUTH Approach			WEST Approach			EAST Approach			PEDESTRIANS				Total Volumes
	left	thru	right	left	thru	right	left	thru	right	left	thru	right	N	S	W	E	
Peak Hour	0	1	42	6	0	0	43	100	18	0	31	2	107	80	6	10	243
PH Factor	0.00	0.25	0.46	0.50	0.00	0.00	0.51	0.30	0.64	0.00	0.35	0.25	0.46	0.53	0.50	0.25	0.38
Peak 15 X 4	0	4	92	12	0	0	84	336	28	0	88	8	232	152	12	40	636
Average Hour	1	1	36	6	0	0	33	94	16	0	41	1	72	70	7	6	229
Survey Total	1	1	71	11	0	0	66	188	31	0	82	2	144	139	13	11	453
7:00	1	0	0	0	0	0	0	1	0	0	1	0	2	5	0	0	3
7:15	0	0	14	2	0	0	18	8	4	0	8	0	58	35	3	10	54
7:30	0	0	23	0	0	0	21	84	7	0	22	2	49	38	1	0	159
7:45	0	0	1	1	0	0	2	6	3	0	0	0	0	4	1	0	13
8:00	0	1	4	3	0	0	2	2	4	0	1	0	0	3	1	0	17
8:15	0	0	5	0	0	0	6	8	3	0	2	0	12	16	4	1	24
8:30	0	0	20	2	0	0	11	71	7	0	46	0	23	30	2	0	157
8:45	0	0	4	3	0	0	6	8	3	0	2	0	0	8	1	0	26

24 HOUR ROAD TUBE COUNT - VOLUME

LOCATION: Bowen Island Trunk Rd East of Cardena Rd

DIRECTION: Eastbound

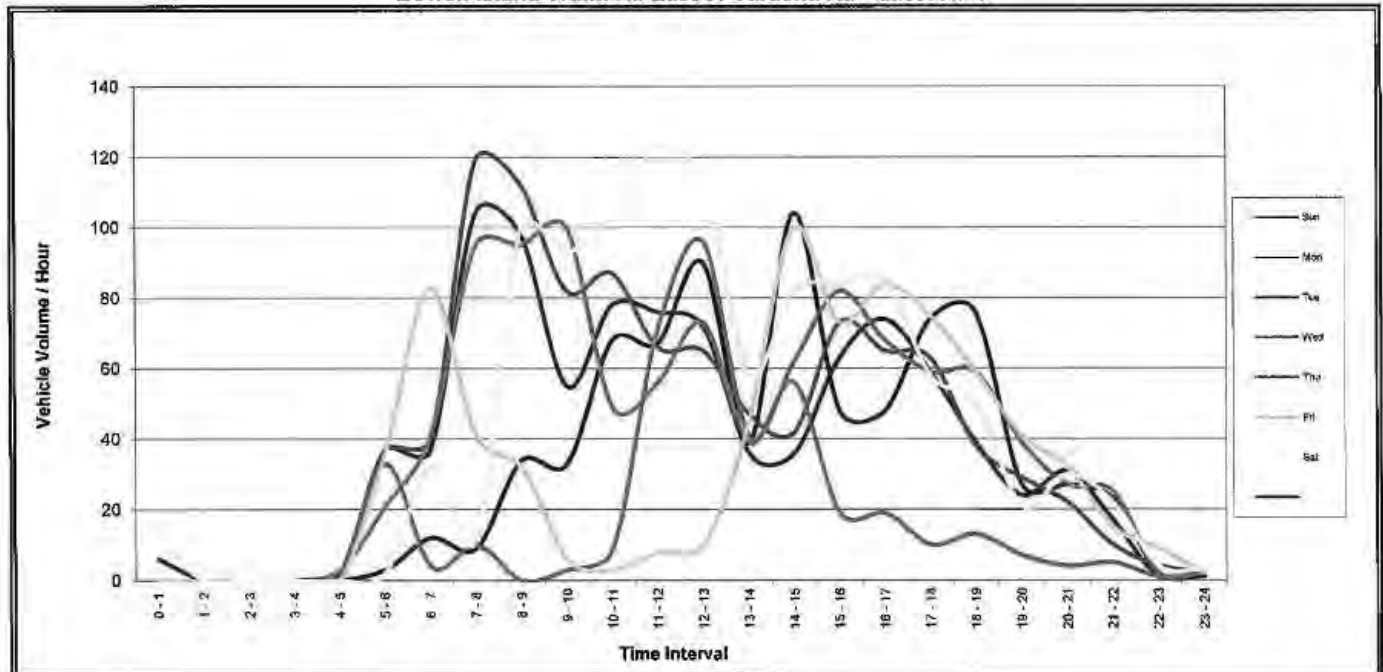
START DAY: 24-Apr-16

PROJECT: 5487 - Bowen Island Trunk Road at Cardena Road - Intersection Safety Study

NOTES: Suspect Data Highlighted in Red

Time	Sun 24-Apr-16	Mon 25-Apr-16	Tue 26-Apr-16	Wed 27-Apr-16	Thu 28-Apr-16	Fri 29-Apr-16	Sat 30-Apr-16
0-1	6	0	0	0	0	0	11
1-2	0	0	0	0	0	0	0
2-3	0	0	0	0	0	0	0
3-4	0	0	0	0	0	0	0
4-5	0	2	0	3	1	0	0
5-6	3	37	37	21	33	36	2
6-7	12	37	40	41	4	83	32
7-8	9	104	119	95	10	41	12
8-9	34	98	112	95	0	32	100
9-10	33	55	82	100	3	6	93
10-11	68	78	87	49	9	3	103
11-12	67	76	66	56	71	8	123
12-13	90	72	65	73	96	10	114
13-14	39	36	47	39	41	45	58
14-15	104	36	42	56	62	100	82
15-16	48	63	73	19	82	73	84
16-17	48	74	65	19	68	84	85
17-18	74	59	63	10	59	75	58
18-19	76	39	38	13	59	59	50
19-20	27	24	29	7	39	41	21
20-21	27	31	22	4	27	32	30
21-22	23	17	10	5	25	15	22
22-23	2	1	4	1	2	9	4
23-24	1	3	2	2	2	2	3
AM Peak Hr.	10:00 - 11:00	07:00 - 08:00	07:00 - 08:00	09:00 - 10:00	11:00 - 12:00	06:00 - 07:00	11:00 - 12:00
AM Peak Vol.	68	104	119	100	71	83	123
PM Peak Hr.	14:00 - 15:00	16:00 - 17:00	15:00 - 16:00	12:00 - 13:00	12:00 - 13:00	14:00 - 15:00	12:00 - 13:00
PM Peak Vol.	104	74	73	73	96	100	114
Daily Total	791	942	1003	708	693	754	1087
Daily %	45.5%	44.7%	46.8%	38.3%	37.0%	35.9%	46.5%

Bowen Island Trunk Rd East of Cardena Rd - Eastbound



APPENDIX C

Sketch 1

Required Intersection Improvements

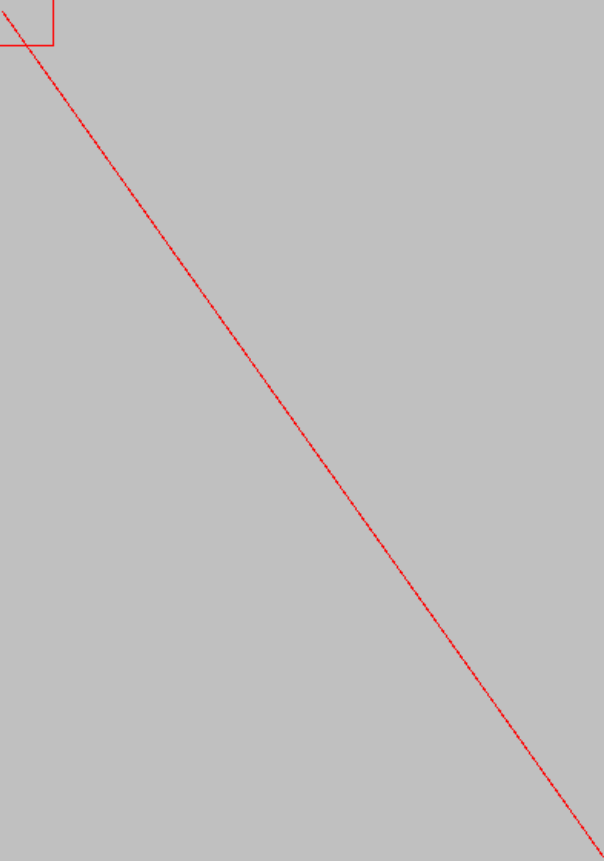
APPENDIX D

Sketch 2

Minor Intersection

Improvements (Optional)

s. 13



APPENDIX E

Pedestrian Signal Warrant Analysis



CREATIVE TRANSPORTATION SOLUTIONS
PEDESTRIAN CROSSING DEVICE WARRANT ANALYSIS
Based on the methodology described in Pedestrian Crossing Control Guide
(Transportation Association of Canada, December 2012)

Project: Gardena Rd & Bowen Island Trunk Rd - Intersection Safety Study
City: Bowen Island
Location: Gardena Rd & Bowen Island Trunk Rd
Date: 06-May-16

FILL ALL YELLOW SPACES

Part 1 - Traffic Signal Warrant

1. Is a traffic signal warranted at this location? Yes/No:

Proceed to Part 2

Part 2 - Preliminary Assessment (requires at least 2 of 3 criteria to be met)

CRITERIA

2a. Determine Average Hourly Pedestrian Volumes and Vehicle Volumes

SURVEY HOURS:

PEDESTRIAN TYPE	TOTAL NUMBER	FACTOR	EAU	Hourly Average EAU
Children (< 13 years)	57	x 2.0	114	16.29
Senior (> 64 years)	0	x 1.5	0	0.00
Physically Challenged	0	x 2.0	0	0.00
Adults	171	x 1.0	171	24.43
TOTAL	228			40.72

Requires Hourly
Average EAU ≥ 15
AND
Vehicle ≥ 1,500

CRITERIA IS MET

VEHICLE VOLUME
Vehicle Volume Per Day:

2b. Is this site < d from another traffic control device?

d is any distance between 100m and 200m, dependant on each jurisdiction.

The d for this site is:
Distance to another traffic control device:

Requires No

CRITERIA IS NOT MET

2c. Is this site location on pedestrian desire lines or is there requirement for system connectivity?

Yes/No:

Requires Yes

CRITERIA IS MET

Part 2 Summary

Site is a candidate for pedestrian crossing control. Proceed to Part 3.

Part 3 - Treatment Selection Matrix

INPUT
Average Daily Traffic:
Speed Limit (km/h):
Total Number of Lanes:

Average Daily Traffic	Speed Limit (km/h)	TOTAL NUMBER OF LANES (including 1 type of refuge)			
		1 or 2 lanes	3 lanes	2 or 3 lanes/air with raised refuge	2 lanes/air without raised refuge
1500 < ADT ≤ 4500	≥ 50				
	60			OF	OF
	70			OF	OF
4500 < ADT ≤ 8000	≥ 50				
	60			OF	
	70	OF	OF	OF	OF
9000 < ADT ≤ 12000	≥ 50				
	60	OF	OF	OF	
	70	OF	OF		
12000 < ADT ≤ 15000	≥ 50				
	60	OF	OF		
	70	OF			
15000 < ADT	≥ 50				
	60	OF			
	70	OF			

* The total number of lanes is representative of crossing distance. The width of these lanes is assumed to be between 3.0m and 3.7m according to TAC Geometric Design Guide for Canadian Roads.

Ground Mounted System with Overhead-Mounted Signs is recommended. Refer to 52-13 for details.



Queen of Capilano Returns to Service

On May 6, 2015, the Queen of Capilano returns to service (Horseshoe Bay to Bowen Island route) after completing a Mid-Life Upgrade.

The ferry upgrades include the addition of gallery decks which have increased the ferry's capacity to approximately 100 regular-sized vehicles and the addition of a foot passenger entrance/exit with a ramp for loading and unloading at Horseshoe Bay. The ferry also has a new evacuation system and a replacement rescue boat.

Ferry Improvements Include:

Passenger Area Improvements

- Gallery decks: fixed, ramped decks that have increased ferry capacity from approximately 85 vehicles to 100 vehicles.
- New entrance/exit for walk-on passengers in the upper lounge.
- New elevator system.
- Upgrade of stairwell and disabled washroom.
- New evacuation system (slides and life rafts) in the passenger lounge and replacement of the rescue boat.
- Installation of a pet area and new embarkation gates.
- Redesign of the garbage cart storage area.
- Renewal of boat deck weather doors.
- Upgrade of the ship intercom and public address system.
- Installation of LED navigation lights.
- General painting throughout the ferry.

Additional Improvements

Electrical upgrades on various systems/components, generator replacement, installation of a new swipe security access for crew spaces, sea water piping replacement, upgrade of lines/bollards, as well as a renewal of propulsion, emergency switchboards, bridge console and navigation equipment.

Thank you for your patience and support during this project. For any inquiries, please contact BC Ferries Customer Service Centre at:



Artist Rendering of the Queen of Capilano with new gallery decks installed



Artist rendering of the new passenger entrance/exit and ramp at Horseshoe Bay

customerservice@bcferries.com

[<< back to Upcoming and Ongoing Projects main page](#)

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Doyle, Joanne

From: Simpson, Peter
Sent: October 30, 2019 5:53 PM
To: Paterson, Bruce; Monrad, Eric; Van Es, Mike
Cc: Anderson, Brian; Doyle, Joanne
Subject: s. 13, s. 17
Attachments: [REDACTED]

Sensitivity: Confidential

Follow Up Flag: Follow up
Flag Status: Flagged

Please consider the following confidential and not for further distribution, other than to inform your boss as needed.

s. 13, s. 17

[REDACTED]

Please call either myself or Joanne if you have any questions.

Peter Simpson
Director, Fleet Operations Strategy
Strategy & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard Street
Victoria, BC V8W 0B7
T: 250-978-1163 **C:** s. 15, s. 18
peter.simpson@bcferries.com
bcferries.com

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Rasmussen, Shauna

From: Alison Morse <amm5@shaw.ca>
Sent: January 31, 2014 12:37 AM
To: Simpson, Peter
Subject: Re: Our discussion

thanks Peter. I am not sure concerns is the right word for the mid day breaks. The feedback we got on our survey was that people want to keep early morning and late night sailings as we have now so have suggested that perhaps the mid day break could be longer. There are lots of good reasons for keeping the early morning and late night and lots of negative economic and social impacts if they are gone. With a reduced number of sailings on Sat and Sun the turn around time could also be extended for those runs where there are a lot of walk ons, dogs bikes etc

One thing I forgot to ask you was: I assume that there is an optimum speed for the Cap that the optimizes fuel usage, so could you let us know what that is and does the 20 minute crossing time achieve that.

Alison

----- Original Message -----

From: [Simpson, Peter](#)
To: [Alison Morse \(amm5@shaw.ca\)](mailto:Alison.Morse@shaw.ca)
Sent: Thursday, January 30, 2014 12:57 PM
Subject: Our discussion

Hi Alison

An email with my contact information.

The main concerns I heard regarding refining the schedules (after the Province decision) were: mid-day breaks, first & last sailings and that Sat/Sun sailing times can be different than weekdays.

Thanks

Peter

Peter Simpson
Director, Fleet Operational Strategy
Fleet Operations
British Columbia Ferry Services Inc.
Phone: 250.978.1163
Cell: [s. 15, s. 19](#)
peter.simpson@bcferries.com
www.bcferries.com

Rasmussen, Shauna

From: Alison Morse <amm5@shaw.ca>
Sent: March 06, 2014 5:14 PM
To: Guenette, Darin
Cc: Simpson, Peter
Subject: Bowen meeting

hope you are on the ferry and it is on time, have not seen it go by Assume you have wifi so can check emails. Thanks for coming, glad you enjoyed the accommodation and your dinner last night.

One question I forgot to ask before you left was just how much we can relay to the community. Council will want an update at our Council meeting on Monday afternoon. What I would like to do is a one pager that says we met, who was at the meeting etc. That you considered the input from BIMTAC and the community and that you listened. The key point I would like to say is something along the lines of... BCF presented a schedule option for Sat and Sunday that would have the first round trip of the day leave HBAY at 6:00am, so 6:30 from Snug and the last round trip of the day leave HBay at 9:30, so 10pm from Snug. (this will greatly relieve a lot of people who were concerned about how to get to their jobs) The first sailing in the afternoon from HBay will be a bit later and a sailing will be dropped from the morning schedule. But the main point is there will still be early morning and last sailings for Sat and Sunday just as we have now on Sundays. Watch your emails will send you the draft of the one pager for your comments.

Alison

s. 22

Rasmussen, Shauna

From: Alison Morse <amorse@bimbc.ca>
Sent: March 27, 2014 9:05 PM
To: Simpson, Peter
Cc: Guenette, Darin; MacKay, Captain Lewis; Anderson, Steve; Adam Holbrook
Subject: Route 8 Schedule Adjustments - Mar 27 FAC
Attachments: ROUTE 8 MAR27 FAC REVIEWED REV#2.pdf; Route 8 - DRAFT Revision 02 Operational Pages.pdf

Talked with Adam about the schedule tonight. Had talked with Erwin as we walked down to the 10:30 ferry which btw was late. We think this will work. Assume we will have a "how schedules are working" as agenda item on the may/june FAC meeting
Thanks for all the hard work, hope you all get a rest this weekend
Alison

— Original Message —

From: [Guenette, Darin](#)
To: [Alison Morse](#) ; [amm5@shaw.ca](#) ; [Adam Holbrook](#) ; [erwen@shaw.ca](#)
Cc: [Simpson, Peter](#) ; [MacKay, Captain Lewis](#) ; [Anderson, Steve](#)
Sent: Thursday, March 27, 2014 1:22 PM
Subject: FW: Route 8 Schedule Adjustments - Mar 27 FAC

All,
Please find attached the updated documents that were promised this morning. We believe we have captured all the input and have included both the schedules and a table that shows an easier way to view the different sailings by days of the week/season.
We will act upon these changes, and make these schedules the official versions that we will publish next Monday. Unless there is a sailing that is not as you expected – we will start to prepare the published schedules tomorrow afternoon. Therefore, if you have a comment regarding these schedules not being what we had discussed earlier today, please feedback (may email Peter directly) for Friday morning.

If you agree the schedules are as we discussed, no response is required, and feel free to share these documents with the other BIM reps we met with on March 6 (brings everyone to the same understanding).

Again, we want to thank you for your patience in our work in putting the new schedules in place.
Regards,

Darin Guenette
Manager, Public Affairs
BC Ferry Services Inc.
Suite 500-1321 Blanshard Street
Victoria, BC V8W 0B7

1-877-978-2385 (toll free)
250-978-2385 (in Victoria)

Distance: 3 miles
Sailing Time: 20 minutes

SPRING SCHEDULE 2014

EFFECTIVE: Tuesday, April 1st, 2014 to **Sunday, April 27th, 2014**, inclusive.

Lv. Snug Cove

0530 ♣

0630

0730

0830

0930

1030

1130

1230

1500

1600 Δ

1700

1800

1900 ♦

2000

2100

2200

Lv. Horseshoe Bay

0500 π

0600

0700

0800

0900 Δ

1000

1100

1200

1425

1530

1630

1730

1830

1930 ♦

2030

2135

π Manager's Discretion - not for publication

♣ Daily, except Sundays and Statutory Holidays (April 18) - Note: April 21, Easter Monday, is not a Stat Holiday

Δ Daily, except Wednesdays (dangerous cargo)

♦ Daily, except Saturdays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 3 miles
Sailing Time: 20 minutes

SPRING SCHEDULE 2014

EFFECTIVE: Tuesday, April 28th, 2014 to Wednesday, May 14th, 2014, inclusive.

Lv. Snug Cove

0530 β ♦ ♣

0630

0730 β ♦

0830

0930 β

1030

1130

1230

1500

1600 Δ

1700

1800

1900 ♦

2000 β

2100

2200

Lv. Horseshoe Bay

0500 π β ♦ ♣

0600

0700 β ♦

0800

0900 β Δ

1000

1100

1200

1425

1530

1630

1730

1830

1930 ♦

2030 β

2130

π Manager's Discretion - not for publication

♣ Daily, except Statutory Holidays (April 18) - Note: April 21, Easter Monday, is not a Stat Holiday

Δ Daily, except Wednesdays (dangerous cargo)

♦ Daily, except Saturdays

β Daily, except Sundays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 3 miles
Sailing Time: 20 minutes

SHOULDER & PEAK SEASON SCHEDULE 2014

EFFECTIVE: Thursday, May 15th, 2014 to Monday, October 13th, 2014 inclusive.

Lv. Snug Cove

Lv. Horseshoe Bay

	0500 π β ♦ ♣
0530 β ♦ ♣	
0630	0600
	0700 β ♦
0730 β ♦	
0835	0800
0935 β	0905 β Δ
1035	1005
1140	1105
1245	1210
1510	1435
1615 Δ	1545
1715	1645
1820	1750
1920 ♦	1850
2015 β	1950 ♦
2110	2040 β
2205	2140

π Manager's Discretion - not for publication

♣ Daily, except Statutory Holidays (May 19, July 1, Aug 4, Sept 1, Oct 13)

Δ Daily, except Wednesdays (dangerous cargo)

♦ Daily, except Saturdays

β Daily, except Sundays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 3 miles
Sailing Time: 20 minutes

FALL/WINTER SCHEDULE 2014

EFFECTIVE: Tuesday, October 14th, 2014 to Saturday, December 20th, 2014, Inclusive.

Lv. Snug Cove

0530 β ♦ ♣

0630

0730 β ♦

0830

0930 β

1030

1130

1230

1500

1600 Δ

1700

1800

1900 ♦

2000 β

2100

2200

Lv. Horseshoe Bay

0500 π β ♦ ♣

0600

0700 β ♦

0800

0900 β Δ

1000

1100

1200

1425

1530

1630

1730

1830

1930 ♦

2030 β

2130

- π Manager's Discretion - not for publication
- ♣ Daily, except Statutory Holidays (Nov 11)
- Δ Daily, except Wednesdays (dangerous cargo)
- ♦ Daily, except Saturdays
- β Daily, except Sundays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 3 miles
Sailing Time: 20 minutes

CHRISTMAS HOLIDAY SCHEDULE 2014

EFFECTIVE: Sunday, December 21st, 2014 to Monday, December 29th, 2014, Inclusive.

Lv. Snug Cove

0530 β ♦ ♣ #

0630 #

0730 β ♦ #

0835

0935 β

1035

1140

1245

1510

1615 Δ

1715

1820

1920 ♦

2015 β

2110

2205

Lv. Horseshoe Bay

0500 π β ♦ ♣ #

0600 #

0700 β ♦ #

0800

0905 β Δ

1005

1105

1210

1435

1545

1645

1750

1850

1950 ♦

2040 β

2140

- π Manager's Discretion - not for publication
- ♣ Daily, except Statutory Holidays (Dec 25)
- Δ Daily, except Wednesdays (dangerous cargo)
- ♦ Daily, except Saturdays
- β Daily, except Sundays
- # Cancelled Sailings for December 25th

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 3 miles
Sailing Time: 20 minutes

WINTER/SPRING SCHEDULE 2014/15

EFFECTIVE: Tuesday, December 30th, 2014 to Tuesday, March 31st, 2015, Inclusive.

Lv. Snug Cove

0530 β ♦ ♣ #
0630 #
0730 β ♦ #
0830
0930 β
1030
1130
1230
1500
1600 Δ
1700
1800
1900 ♦
2000 β
2100
2200

Lv. Horseshoe Bay

0500 π β ♦ ♣ #
0600 #
0700 β ♦ #
0800
0900 β Δ
1000
1100
1200
1425
1530
1630
1730
1830
1930 ♦
2030 β
2130

- π Manager's Discretion - not for publication
- ♣ Daily, except Statutory Holidays (Jan 1, Feb 9)
- Δ Daily, except Wednesdays (dangerous cargo)
- ♦ Daily, except Saturdays
- β Daily, except Sundays
- # Cancelled Sailings for January 1st

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

OFF PEAK SEASON:

MONDAY to FRIDAY			
{except Hol.}	Snug Cove	Horseshoe Bay	{repositlon}
	5:30	5:00	
	6:30	6:00	
	7:30	7:00	
	8:30	8:00	
	9:30	9:00	
	10:30	10:00	
	11:30	11:00	
	12:30	12:00	
{except DG}	15:00	14:25	{except DG}
	16:00	15:30	
	17:00	16:30	
	18:00	17:30	
	19:00	18:30	
	20:00	19:30	
	21:00	20:30	
	22:00	21:30	

SATURDAY	
Snug Cove	Horseshoe Bay
6:30	6:00
8:30	8:00
9:30	9:00
10:30	10:00
11:30	11:00
12:30	12:00
15:00	14:25
16:00	15:30
17:00	16:30
18:00	17:30
	18:30
20:00	
21:00	20:30
22:00	21:30

SUNDAY	
Snug Cove	Horseshoe Bay
6:30	6:00
8:30	8:00
10:30	10:00
11:30	11:00
12:30	12:00
15:00	14:25
16:00	15:30
17:00	16:30
18:00	17:30
19:00	18:30
	19:30
21:00	
22:00	21:30

SHOULDER AND PEAK SEASONS:

MONDAY to FRIDAY			
{except Hol.}	Snug Cove	Horseshoe Bay	{repositlon}
	5:30	5:00	
	6:30	6:00	
	7:30	7:00	
	8:35	8:00	
	9:35	9:05	
	10:35	10:05	
	11:40	11:05	
	12:45	12:10	
{except DG}	15:10	14:35	{except DG}
	16:15	15:45	
	17:15	16:45	
	18:20	17:50	
	19:20	18:50	
	20:15	19:50	
	21:10	20:40	
	22:05	21:40	

SATURDAY	
Snug Cove	Horseshoe Bay
6:30	6:00
8:35	8:00
9:35	9:05
10:35	10:05
11:40	11:05
12:45	12:10
15:10	14:35
16:15	15:45
17:15	16:45
18:20	17:50
	18:50
20:15	
21:10	20:40
22:05	21:40

SUNDAY	
Snug Cove	Horseshoe Bay
6:30	6:00
8:35	8:00
10:35	10:05
11:40	11:05
12:45	12:10
15:10	14:35
16:15	15:45
17:15	16:45
18:20	17:50
19:20	18:50
	19:50
21:10	
22:05	21:40

Rasmussen, Shauna

From: Melanie Mason <MMason@bimbc.ca>
Sent: July 12, 2016 10:56 AM
To: Collins, Mark
Cc: Simpson, Peter; Marshall, Deborah; Guenette, Darin
Subject: Re: Central Coast Schedule Expansion - Routes 2, 3, 7, 8, 13

Hi Mark,

Totally understand and thanks for the explanation,

Melanie

Melanie Mason
Municipal Councillor
Bowen Island Municipality
[981 Artisan Lane](#)
[Bowen Island, BC V0N 1G2](#)
mmason@bimbc.ca
[604-947-4255](tel:604-947-4255)

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On Jul 11, 2016, at 2:19 PM, Collins, Mark <Mark.Collins@bcferries.com> wrote:

Hi Melanie,

We have looked at the suggested additional changes and regret we won't be able to accommodate them. This is because resetting some sailings to XX:40 will likely cause sailings to run late. We need the extra time (even just the 5 minutes) for sailings during periods of high commuter volumes (4:30pm to 6:30pm). Then, during the light volumes at the end of the day, we shorten the periods to keep our crews from going into overtime. So the bottom line is the longer duration keeps us on sked which is something we think everybody seeks.

If there are no other concerns we intend to go with the schedules last presented. We trust this is ok? We hear you about the Translink connectivity and understand the 10 minute desire. We will keep you apprised of how it goes.

Kind regards,

Mark

From: Melanie Mason [<mailto:MMason@bimbc.ca>]
Sent: Monday, July 11, 2016 1:19 PM
To: Guenette, Darin
Cc: Collins, Mark
Subject: RE: Central Coast Schedule Expansion - Routes 2, 3, 7, 8, 13

Hi Darin/Mark,

Thank you for taking into consideration the issues raised for Rte 8 in the revised schedule and from feedback from the rest of FAC we all agree that the revised schedule is a good compromise all around. One further revision we would like to propose would be to move the

1635, 2035 and the 2135 to XX40 to simplify the Bowen schedule. It would be easier to remember that evening sailings all leave at the same time. I have also heard back from those who work evening shifts that the later 2140 sailing makes it much easier to make the last sailing.

Hopefully the community will be positive to the new schedule especially knowing that it will help with on time performance and reliability. We were also very glad to hear that BCF will be working pro-actively with Translink to co-ordinate ferry/transit schedules.

As you know we have been working on an Integrated Transportation Masterplan for Bowen Island for the past 6 months with considerable public engagement. One of the key issues raised by the community has been the need for improved ferry-transit co-ordination and therefore better co-ordination of schedules would be absolutely fantastic.

In Dec 2014 after a significant increase in transit complaints received by the BIMTAC we organized a meeting with Translink and BCF terminal staff to see if we could improve the co-ordination of transit/ferry schedules. One of the outcomes of that meeting was a short transit survey to help understand areas needing improvement. One of the key findings from the survey was that transit users would like to see wait times of no greater than 10 minutes in either direction of travel. Feedback from the survey showed that a 10 minute connection time from the time the Bowen ferry arrived to when the bus left the terminal was appropriate. A similar transit window as well was shown for when travelling back to HSB terminal with a window of 5-10 minutes before the BCF ticket cut-off time. It would be great if these connection times could be taken into consideration when working on the new transit schedules. The FAC would also like to request an opportunity to review any new transit schedule before it is finally adopted to make sure that they meet the travel needs of the Bowen Community. We are currently working closely with Translink on reviewing our on-island bus service and it would be great if we could be working towards seamless integration of schedules both at Snug Cove and HSB terminals. Thank you for the opportunity to provide feedback on this process and look forward to updates on the new schedule implementation,

Melanie

Melanie Mason

Municipal Councillor

Bowen Island Municipality

981 Artisan Lane

Bowen Island, BC V0N 1G2

mmason@bimbc.ca

604-947-4255

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From: Guenette, Darin [<mailto:Darin.Guenette@bcferries.com>]

Sent: Friday, July 8, 2016 4:29 PM

To: Melanie Mason <MMason@bimbc.ca>; Jonathan Bell <takaya1@yahoo.com>; <aldavis@telus.net> <aldavis@telus.net>; Patrick Brabazon <brabazon@shaw.ca>; Diana Mumford <mumford@telus.net>; David Dick <haywoodenergy@hotmail.com>; Joyce Clegg <jaclegg@primesignal.com>; rickandcandace@gmail.com; Kim Barton-Bridges <events@orchestra-academy.ca>

Cc: Collins, Mark <Mark.Collins@bcferries.com>

Subject: Central Coast Schedule Expansion - Routes 2, 3, 7, 8, 13

All,

Attached are the final proposed sailing times for the five routes we discussed yesterday. All schedules should be unchanged from the previous version we sent you, except for Route 8 and 7 (see below).

Notes:

1. Route 8: The scheduling team noted the specific sailing time issues raised yesterday and was able to move sailing times to or closer to their preferences.
2. Route 7: In the version we sent Tuesday of this week, the shoulder season had two options. However, we have decided to keep the 5:25 am sailing in place (with the 'afternoon gap) as exists in the current schedule...as it is evident of the importance of trying to keep those early sailings for commercial users.

I am away the next 10 days, so Mark will act as your point-of-contact on this issue for any questions/comments, and will provide you and updates we have on getting these schedules promoted/in place.

Regards,

Darin Guenette

Manager, Public Affairs

British Columbia Ferry Services Inc.

T: 1-877-978-2385 (toll free) or 250-978-2385 C: s. 15, s. 19 F: 250-978-1119

darin.guenette@bcferries.com

bcferries.com

Rasmussen, Shauna

From: Collins, Mark
Sent: November 09, 2016 8:04 AM
To: Susanna Braund
Cc: Guenette, Darin; Simpson, Peter; Hendry, David
Subject: RE: Your letter of 16 October

Thanks Susanna. I still cannot locate the original correspondence, though it appears Darin did receive it. Nonetheless we now have assembled the file and have commenced work. Peter Simpson, our Director of Strategic Fleet Deployment, is analyzing the situation and will make a recommendation. As mentioned in the meeting our response time for these analyses is 3 months so you should expect something from us around mid-January. Of course, we will be in touch before then if any questions.

Regards,

M

Mark Collins
VP Strategic Planning & Community Engagement
BC Ferries
M: s. 15, s. 19 E: mark.collins@bcferries.com

From: susannablues@gmail.com [mailto:susannablues@gmail.com] **On Behalf Of** Susanna Braund
Sent: Monday, November 7, 2016 11:58 AM
To: Collins, Mark
Cc: Guenette, Darin
Subject: Re: Your letter of 16 October

Sure, here it is, Mark.
Best, Susanna

On Mon, Nov 7, 2016 at 11:35 AM, Collins, Mark <Mark.Collins@bcferries.com> wrote:

Thanks Susanna. Can you send the rationale document as well? The supporting information prepared for UBCM, I believe.

Thanks,

M

Mark Collins

VP Strategic Planning & Community Engagement

BC Ferries

M: s. 15, s. 19 E: mark.collins@bcferries.com

From: susannablues@gmail.com [mailto:susannablues@gmail.com] **On Behalf Of** Susanna Braund
Sent: Monday, November 7, 2016 9:03 AM
To: Collins, Mark
Cc: Guenette, Darin
Subject: Re: Your letter of 16 October

Hi Mark

Yes, I agree, face to face meetings are productive.

The letter was sent as an email with the other materials on October 16.

I attach it here for your convenience.

If you require hard copy, please let me know right away and I will see to that

s. 22

s. 22

With best wishes, Susanna

On Mon, Nov 7, 2016 at 8:32 AM, Collins, Mark <Mark.Collins@bcferries.com> wrote:

Hi Susanna,

Thanks for a very productive meeting on Friday. It is always useful when we get face to face.

Regarding the letter of 16 October from you and David Hocking concerning additional sailings, I have ransacked my paper and electronic files and regret I cannot find it. It is possible we may not have received it, which would explain why I was a bit blank about it at the meeting. Was it sent to us via hard copy mail? Or e mail?

I have a copy of the cover letter that Melanie let me have at the meeting and I can of course work from that. However I don't have a copy of the supporting information prepared for the UBCM. We will need that in order to do our analysis.

Can you direct us to when and how the original mail was sent? Or perhaps re-send?

My apologies for this missed communication. We will start working on this as soon as we have the information.

Kind regards,

M

Mark Collins

VP Strategic Planning & Community Engagement

BC Ferries

M: s. 15, s. 19 E: mark.collins@bcferries.com

--

Susanna Braund
Professor of Latin Poetry and its Reception
(Canada Research Chair)

Killam Research Fellow (national competition), 2016-18
<http://killamprogram.canadacouncil.ca/>

Dept of Classical, Near Eastern & Religious Studies, UBC
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V6T 1Z1 Canada
Email: susanna.braund@ubc.ca

For info about CAWES on Bowen Island, please go to cawes.org

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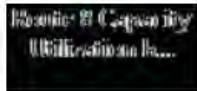
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Email: susanna.braund@ubc.ca

For info about CAWES on Bowen Island, please go to cawes.org

Rasmussen, Shauna

From: Blakeney, Kyle
Sent: November 18, 2016 10:48 AM
To: Simpson, Peter
Subject: updated Route 8 heat map

With only Saturday & Sunday and those RTs bold bordered.



Kyle Blakeney
Strategic Planning Analyst
British Columbia Ferry Services Inc.
The Atrium
Suite 500, 1321 Blanshard Street, Victoria BC V8W 0B7
T: 250-978-1406
Kyle.Blakeney@bcferries.com
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Route 8 Capacity Utilization (Nov 2015 - Oct 2016)

OFF PEAK

Season	Terminal	Round Trip	Saturday	Sunday
Off Peak	Horseshoe Bay	5:00		
		6:00	3.0%	2.2%
		7:00		
		8:00	30.3%	20.6%
		9:00	35.6%	
		10:00	42.4%	49.2%
		11:00	49.7%	42.5%
		12:00	75.6%	58.6%
		14:25	88.5%	67.8%
		15:30	70.4%	55.9%
		16:30	71.6%	52.7%
		17:30	78.4%	56.3%
		18:30	72.5%	46.2%
		19:30		44.7%
		20:30	60.4%	
		21:30	36.1%	41.9%
	Terminal	Round Trip	Saturday	Sunday
	Snug Cove (Bowen Island)	5:30		
		6:30	44.4%	25.2%
		7:30		
		8:30	89.9%	72.6%
		9:30	66.9%	
		10:30	66.0%	90.0%
		11:30	70.4%	73.5%
		12:30	77.0%	89.9%
		15:00	65.8%	91.3%
		16:00	45.1%	57.5%
		17:00	35.0%	44.7%
		18:00	32.3%	31.4%
		19:00		33.1%
		20:00	23.5%	
		21:00	12.0%	27.2%
		22:00	7.8%	6.9%

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Route 8 Capacity Utilization (Nov 2015 - Oct 2016)

Shoulder / Peak

Season	Terminal	Round Trip	Saturday	Sunday
Shoulder Peak	Horseshoe Bay	5:00		
		6:00	7.1%	3.9%
		7:00		
		8:00	35.7%	30.8%
		9:05	51.8%	
		10:05	66.4%	74.8%
		11:05	82.7%	68.8%
		12:10	93.3%	81.0%
		14:35	106.3%	85.8%
		15:45	83.3%	57.9%
		16:45	74.7%	53.7%
		17:50	70.9%	57.9%
		18:50	59.9%	47.4%
		19:50		47.8%
		20:40	57.4%	12.6%
		21:40	31.3%	46.5%
	Terminal	Round Trip	Saturday	Sunday
	Snug Cove (Bowen Island)	5:30		
		6:30	43.9%	29.7%
		7:30		
		8:35	89.5%	86.1%
		9:35	64.3%	
		10:35	66.7%	108.9%
		11:40	68.4%	92.7%
		12:45	73.2%	92.0%
		15:10	67.7%	103.8%
		16:15	48.9%	90.6%
		17:15	46.7%	75.9%
		18:20	44.1%	61.5%
		19:20		57.5%
		20:15	44.2%	80.5%
		21:10	26.4%	50.1%
		22:05	18.2%	14.1%



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Rasmussen, Shauna

From: MacLagan, Debbie
Sent: November 24, 2016 9:38 AM
To: Simpson, Peter
Cc: Doxtator, Kathy
Subject: RE: costing in course this am

Hi

The costing would be s. 13, s. 17

The fuel for two round trips would be added, drills for one day and meal breaks on the other days (as per Snr. Master rte 8)

Thanks
Deb

From: Simpson, Peter
Sent: November 24, 2016 8:59 AM
To: MacLagan, Debbie
Subject: RE: costing in course this am

Deb, for Route 8. Total costs at s. 13, s. 17 for all sailings.
What would cost be if only the Saturday 0700/0730 and Sunday 0905/0930 sailings were reinstated?

Peter Simpson
Director, Fleet Operations Strategy
Strategic Planning & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard Street
Victoria, BC V8W 0B7
T: 250-978-1163 **C:** s. 15, s. 19
peter.simpson@bcferries.com
bcferries.com

From: MacLagan, Debbie
Sent: November 17, 2016 8:16 AM
To: Simpson, Peter
Subject: costing in course this am

Rasmussen, Shauna

From: Simpson, Peter
Sent: December 29, 2016 3:29 PM
To: Collins, Mark
Subject: Service review docs
Attachments: Service Review Route 8 v2 Dec 29.doc

Thanks Mark.

Attached is updated Rte 8 for your look (first page has summary info and recommendation). Will send both to Dennis tomorrow.

Peter

Peter Simpson
Director, Fleet Operations Strategy
Strategic Planning & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard Street
Victoria, BC V8W 0B7
T: 250-978-1163 **C:** s. 15, s. 19
peter.simpson@bcferries.com
bcferries.com

From: Collins, Mark
Sent: December 29, 2016 2:56 PM
To: Simpson, Peter
Subject: RE: Route 11

Sure, send it along to him. Tell him rt 8 is coming and ask what news of rt 26. Perhaps we should all sit down to regroup on this in early Jan?

Cheers,

M

Mark Collins
VP Strategic Planning & Community Engagement
BC Ferries
M: 1 250 360 6703 E: mark.collins@bcferries.com

From: Simpson, Peter
Sent: Thursday, December 29, 2016 2:45 PM
To: Collins, Mark
Subject: Route 11

Mark

I've done some more work on the Route 11 service review request from the FAC and MOT. I had sent you and Dennis an earlier version with all of Rte 8, 11 and 26 included. But since, we've broken out Rte 26 which I think is with Dennis to discuss with MoT. Attached is a similar draft

document for just Rte 11. Does It make sense to forward to Dennis for him to also discuss with MOT prior to us responding the FAC?

I will produce another document for just Rte 8. We can discuss when convenient.

Thanks

Peter

Peter Simpson
Director, Fleet Operations Strategy
Strategic Planning & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard Street
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Summary for discussion with Province

Service Level Reduction made in F2015

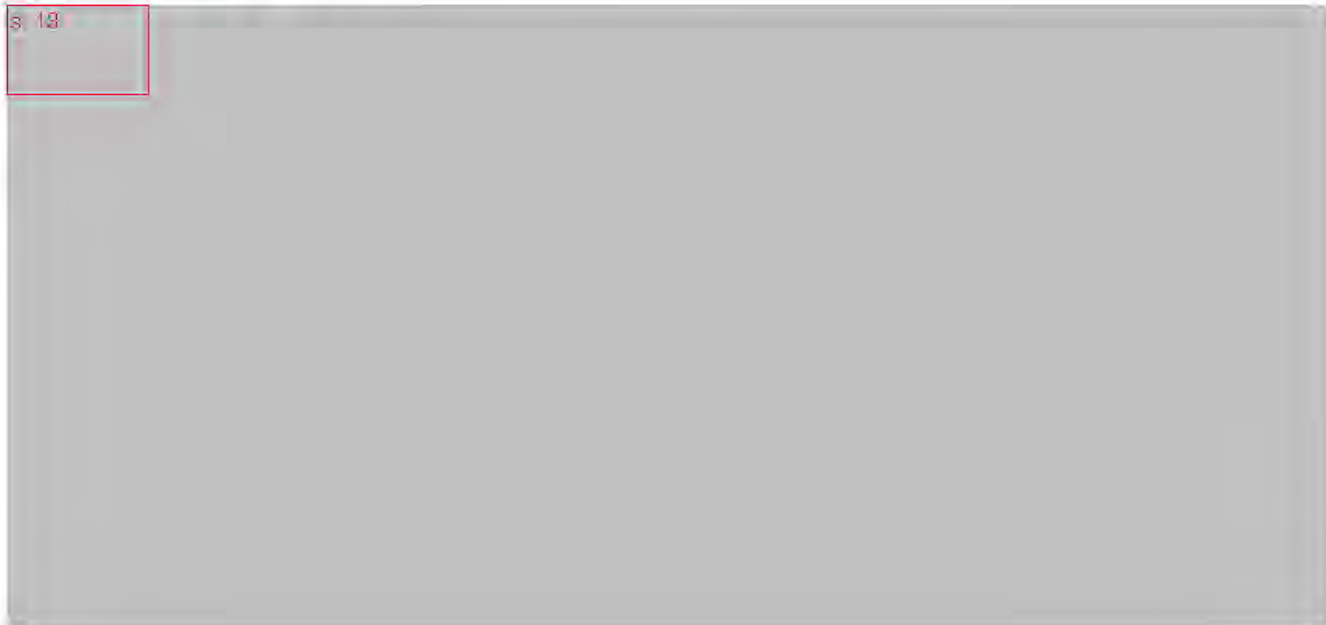
- Service reduced on weekends only
- Weekend service reduced by 4.5 round trips (previously Saturday Included a round trip with first crossing sailing as 'deadhead' – no vehicles/pax)
- Reduction from 5569 to 5335 for change of 234 trips - or 4.2%

Route 8 requests:

- MOT: Return to pre-SLA levels; capacity utilization required for sailing
- Cost: s. 18, s. 17
- FAC: Two additional trips per week – Sat AM & Sun AM
- Cost: s. 18, s. 17
- Revenue covering costs: potential – require ~28 net new vehicles each Sat & Sun

Recommended Response:

s. 18



Route 8 Request

MOT Request:

"Route 8 (serving Bowen Island) I understand the community has been trying to build a case to restore some services. They have asked BC Ferries for cost information, which the company has indicated is competitively sensitive information." I understand the company's position, but wonder whether it would be possible for the company to provide to the community (FAC) the level of utilization that would be required to restore a sailing (e.g., would 30% average utilization make the sailing worthwhile to provide?). The community would like to talk about this at its next FAC in Nov. Is this something that BC Ferries would consider providing to the FAC? On a more general level, I would also like to understand what the cost would be to restore services on this route to the pre-2014 levels."

Bowen Island Municipality FAC request:

"Based on the results of the survey, BCF returning profits as a result of increased traffic (where level revenues were expected) and the precedent on other routes of restored sailings that were cut in 2014, BIMFAC requests that BCF provide a ferry service that meets the identified needs of the community. Specifically, we request that the Province authorize BCF to restore into the schedule the two sailings identified by the survey as most needed."

Saturday - 0700/0730 ex Snug Cove

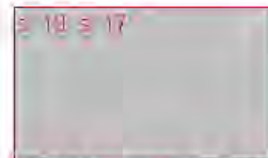
Sunday - 0905/0930 ex Snug Cove

Summary review:

- Removed sailings (adjusted to current schedule) – 4.5 round trips
 - Saturday - 0530; 0700/0730; 1920/1950
 - Sunday - 0700/0730; 0905/0930
- Survey results show residents want more sailings (questions not provided)
 - More convenient
 - Socio-economic benefits to residents
 - Other islands have got sailings back
 - BCF is more profitable
 - Utilization of sailings cut in 2014 were reasonably high
- The request for review does not include a financial business case

Financials:

- Cost to restore to pre - 2014 service levels:
- Cost to restore two sailings per FAC:
- Incremental traffic/revenue:
 - Need approximately 2900 net new vehicles or 28 more vehicles each Sat & Sun exclusive of traffic moving from other sailings



Observations:

- The community preferred the 0730 and 0930 round trips be removed rather than earlier lower utilized sailings (keeping sailings that are important for residents with off-island jobs, assuming discretionary travellers would adjust)
- Originally targeted round trips are now at 23.7% and 13.7% utilization
- Capilano was retrofitted with gallery decks, increasing lift off by ~15 vehicles
- First departure from HSB is a re-positioning sailing with no traffic – no revenue
- First departures from Snug Cove 30-50% use; high compared to other routes
- Second departures from Snug Cove – after break – extremely high at 90% average use – meaning demand swings to overload conditions.
- Overloads will be under-reported due to 'line in the road' effect – users know they won't get on if past the line painted on the street, many don't remain (therefore don't get counted in our stats) and return for a later sailing, if at all
- Total route capacity utilization is trending at 55%
- Sat/Sun capacity utilization for previous twelve months is 55% noting:
 - low-use repositioning sailing at end of day;
 - absorbing 14% greater vehicle space (gallery deck); and
 - higher usage than comparable route at Gabriola Rte 19 which is at ~50%,

Route 8: Overloaded Sailings on Saturday and Sunday mornings:

Route 8	Sum of Load AEQ	Sum of O/L AEQ
Nov-15	4,356	-
Dec-15	3,755	10
Jan-16	4,689	-
Feb-16	3,893	-
Mar-16	4,037	-
Apr-16	5,094	-
May-16	5,326	64
Jun-16	4,977	79
Jul-16	6,416	80
Aug-16	5,152	161
Sep-16	4,560	16
Oct-16	5,612	24
Grand Total	57865	433

Capacity utilization:

Saturday and Sunday for previous 12 months (Nov 2016 to October 2017).

Season	Terminal	Round Trip	Saturday	Sunday
Off Peak	Horseshoe Bay	5:00		
		6:00	3.0%	2.2%
		7:00		
		8:00	30.3%	20.6%
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		10:00	42.4%	49.2%
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		14:25	88.5%	67.8%
		15:30	70.4%	55.9%
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		17:00	35.0%	44.7%
		18:00	32.3%	31.4%
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		20:00	23.5%	
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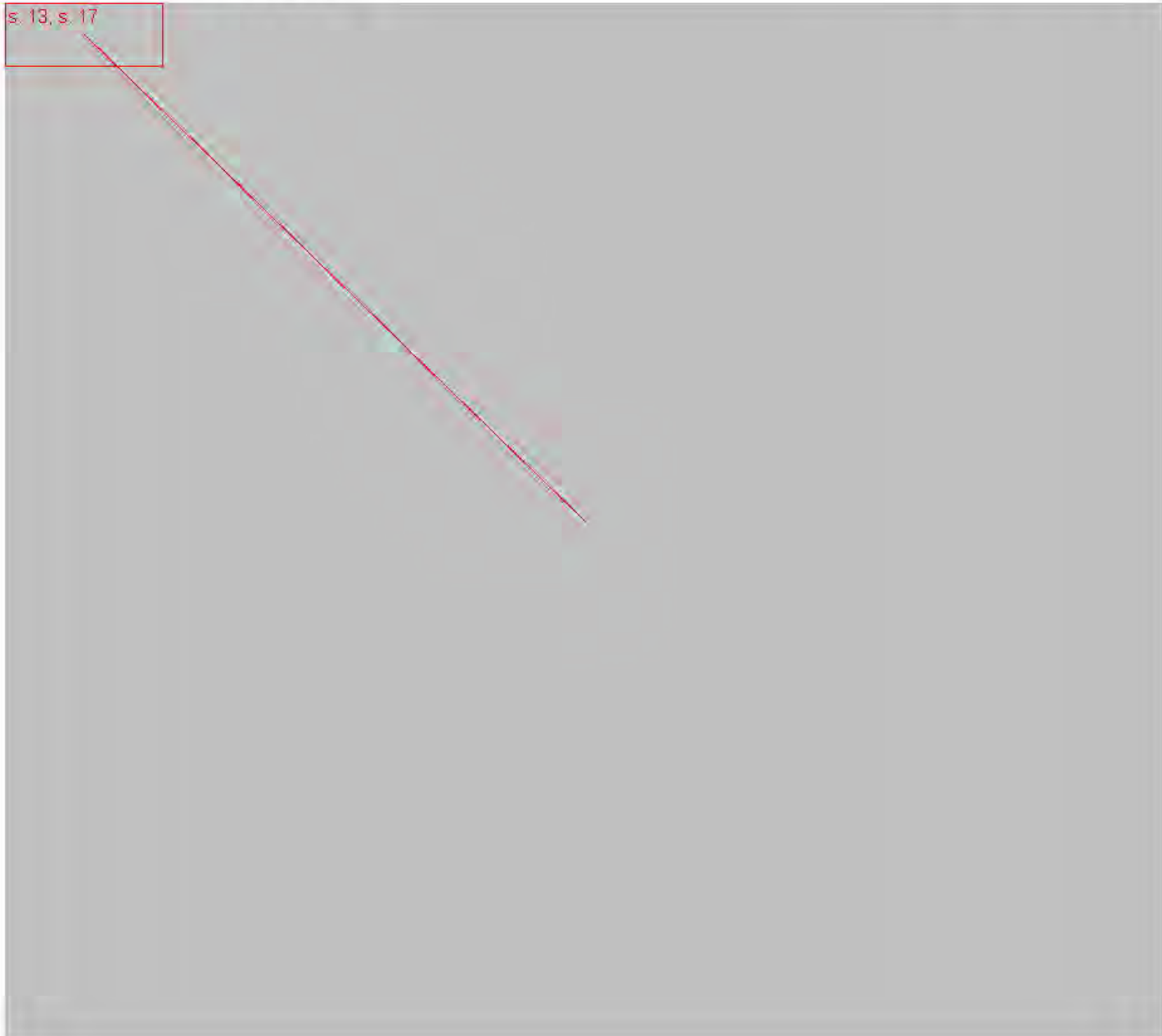
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		12:10	93.3%	81.0%
		14:35	106.3%	85.8%
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		18:20	44.1%	61.5%
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Recommended Response:

s. 13, s. 17



Rasmussen, Shauna

From: Collins, Mark
Sent: February 01, 2017 4:41 PM
To: Anderson, Steve
Cc: Simpson, Peter; Hendry, David; Guenette, Darin
Subject: FW: Another draft?

FYI

Mark Collins
VP Strategic Planning & Community Engagement
BC Ferries
M: s. 15, s. 19 E: mark.collins@bcferries.com

From: susannablues@gmail.com [mailto:susannablues@gmail.com] **On Behalf Of** Susanna Braund
Sent: Wednesday, February 1, 2017 4:14 PM
To: Collins, Mark
Subject: Another draft?

Hi Mark

We all really appreciate the effort that is going into this process.

I wonder if you think it would be worthwhile asking your schedule manager Steve to dream up a Bowen schedule with 12 round trips per day, just to see what impact that might have on Routes 2 and 3 and what extra flexibility that would give you with Langdale in particular?

s. 13



This is too much detail, so I'll just ask you to reread the first main paragraph above!

Best wishes - and I'll repeat that we are eager to work with you to bring about positive change for all concerned, Susanna

--

Susanna Braund
Professor of Latin Poetry and its Reception
(Canada Research Chair)

Killam Research Fellow (national competition), 2016-18
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V6T 1Z1 Canada
Email: susanna.braund@ubc.ca

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Anderson, Steve

From: Anderson, Steve
Sent: February 01, 2017 8:23 PM
To: Collins, Mark
Cc: Simpson, Peter; Hendry, David; Guenette, Darin
Subject: RE: Another draft?

Hi Mark,

The suggestion seems to be a non-starter. Even during off-peak weekdays, 12 trips on Route 8 would not carry traffic by the end of day. The problem is that the underutilized sailings are not paired into round trips that can be removed. We have underutilized sailings from HSB in the morning and underutilized sailings from Bowen in the evening. We can't eliminate those underutilized half-trips independently of the commuter flows in the opposite direction. Removing just one round trip in the late evening would be hard enough, and I would not be in favour of risking end of day service failures.

s. 13

Steve Anderson
Manager, Fleet Deployment and Scheduling
British Columbia Ferry Services Inc.

Suite 500, 1321 Blanshard Street, Victoria BC V8W 0B7
Tel: (250) 978-1274 | Cell: s. 15, s. 19
steve.anderson@bcferries.com | www.bcferries.com

From: Collins, Mark
Sent: February 01, 2017 4:41 PM
To: Anderson, Steve
Cc: Simpson, Peter; Hendry, David; Guenette, Darin
Subject: FW: Another draft?

FYI

Mark Collins
VP Strategic Planning & Community Engagement
BC Ferries

M: s. 15, s. 19 E: mark.collins@bcferries.com

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Sent: Wednesday, February 1, 2017 4:14 PM
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Subject: Another draft?

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V6T 1Z1 Canada
Email: susanna.braund@ubc.ca

For info about CAWES on Bowen Island, please go to cawes.org

Rasmussen, Shauna

From: Anderson, Steve
Sent: September 13, 2022 2:58 PM
To: Anderson, Steve
Subject: FW: SLA Restoration
Attachments: Route 6 ANNUAL.doc; Route 7 OFF PEAK.doc; Route 8 OFF PEAK.doc; Route 8 PEAK AND SHOULDER.doc; Route 18 OFF PEAK.doc; Route 18 PEAK.doc; Route 19 Annual.doc; Route 23 Annual.doc; Route 24 ANNUAL.doc; Route 26 annual.doc

From: Simpson, Peter <Peter.Simpson@bcferries.com>
Sent: February 27, 2019 5:21 PM
To: Blakeney, Kyle <Kyle.Blakeney@bcferries.com>; Anderson, Steve <Steve.Anderson@bcferries.com>
Subject: SLA Restoration

Gents, I have attached draft schedules to initiate some review. I know Kyle has done some as well.

Please do following on Thursday:

- analyse and improve – Steve I see you on point, hopefully mine and Kyle's drafts help speed this along
- compile these into Ops Page formats with all unnecessary info stripped away and done so they are in a standard format – something that we would share with FAC
- set up as single document per route, i.e. where there are peak and nonpeak, make one doc rather than two
- I didn't do 10/11 yet, is there a simple format? would calendar view be best?

Plan is to send out to Ops teams asap so they can review the ideas and start to confirm start dates. We will be looking to book telecons with FAC next Thu/Fri and we need to send drafts out in advance. All of this is aid of getting the changes published asap for any April 1 starts.

Thanks
Peter

Peter Simpson
Director, Fleet Operations Strategy
Strategic Planning & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard Street
Victoria, BC V8W 0B7
T: 250-978-1163 **C:** s. 15, s. 19
peter.simpson@bcferries.com
bcferries.com

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Anderson, Steve

From: Simpson, Peter
Sent: March 18, 2019 1:21 PM
To: Lucia, Melanie; Camaraille, Frank; Van Es, Mike; Johnston, Darren; de Koninck, Captain Al; Lomax, Captain Lance; MacKay, Captain Lewis; West, Jeff; MacLagan, Debbie; MacDonald, John; Morris, Chris; Grewal, Captain Hardeep; McNair, Rob; King, Zoe; Curtis, Paul; Owens, Sean; Hillis, Camrin; van Delden, Jessica; Pinneo, Barby; Romine, TC; Hames, Debra; Riis, Daniel; Soucie, Angela; Tindall, Karen; Marinelli, Rosa; Wills, Stuart; Ramakrishnan, Regunathan; Murugakumar, Kumar; Guenette, Darin; Marshall, Deborah; Humphries, Tessa; Barabash, Jason; Eamer-Gault, Jason; Doxtator, Kathy; Elliott, Scott; Galavan, Amanda; Leduc, Sandra; Vidalin, Jonathan; Morgan, Avegale; Orchard, Chris; Bolza, Peter; Verissimo, Carlos; Turgeon, Monique; Kovacs, Jessalyn; Joyce, Jeff
Cc: Anderson, Steve; Harman, Dianne; Hendry, David; Guenette, Darin; Wilson, Mark; Eamer-Gault, Jason; Harris, Colin; Doyle, Joanne; Hancyk, Lesley; McIntosh, Carrie; Carpendale, Joanne; Clackson, Gregg
Subject: RE: SLA Restoration Announcement

Please be advised that BCF now has an agreement with the Province for the introduction of the Service Level adds. Schedule amendments have been prepared and staged – these will now be released and distributed.

The implementation dates are as follows:

April 1

- Route 7
- Route 8
- Route 18
- Route 23
- Route 24
- Route 11
- Route 10 - Off Peak

Maybe April 1 - TBD

- Route 6: awaiting confirmation that a transitional service for April will be okay, note doesn't change current sailings times – just adds on Fri and Sat AM
- Route 19: FAC has requested a bit of time to consider alternate schedule – expect decision by Thu or Fri

May 1

- Route 6

To be determined:

- Route 10 Peak Inside Passage:

- no change to June 19 start
- some added service Sep 15-30 is being considered - tbd
- no change to scheduled NEXP overnight sailings in Sep
- Route 26 – late 2019 or early 2020 - tbd

Regards
Peter

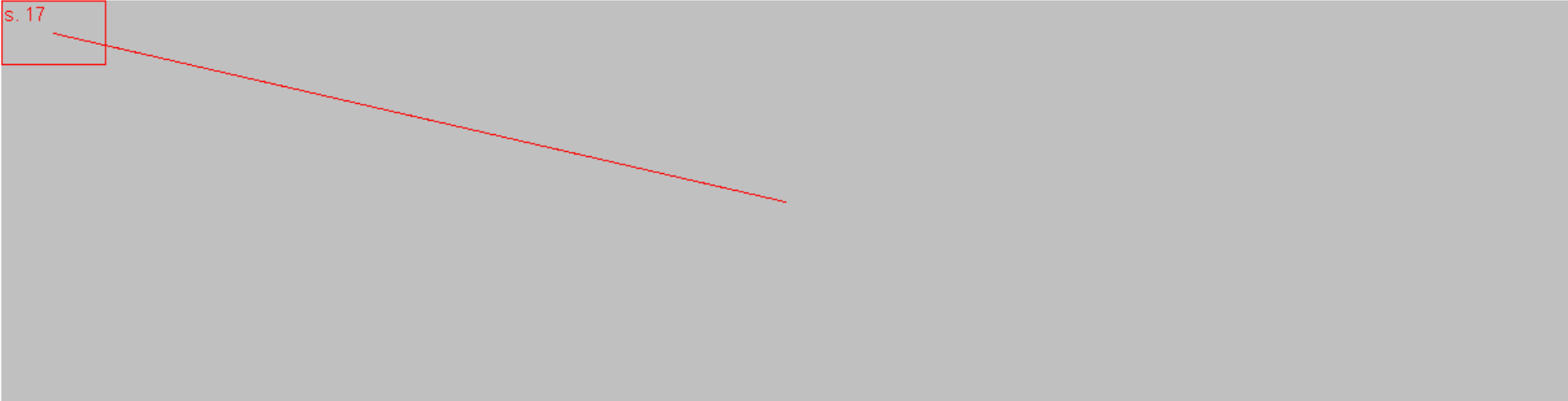
Peter Simpson
Director, Fleet Operations Strategy
Strategic Planning & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard Street
Victoria, BC V8W 0B7
T: 250-978-1163 C: s. 15, s. 19
peter.simpson@bcferries.com
bcferries.com

From: Simpson, Peter
Sent: February 26, 2019 3:11 PM
To: 'Lucia, Melanie (Melanie.Lucia@bcferries.com)'; Camaraire, Frank; Van Es, Mike; Johnston, Darren; Al.deKoninck@bcferries.com; Lomax, Captain Lance; MacKay, Captain Lewis; West, Jeff; MacLagan, Debbie; MacDonald, John; Morris, Chris; Grewal, Captain Hardeep; McNair, Rob; King, Zoe; Curtis, Paul; Owens, Sean; Hillis, Camrin
Cc: steve.anderson@bcferries.com; Harman, Dianne; David.Hendry@bcferries.com; Guenette, Darin; King, Zoe; Wilson, Mark (Mark.Wilson@bcferries.com); Eamer-Gault, Jason; Colin.Harris@bcferries.com; Marinelli, Rosa
Subject: SLA Restoration Announcement

I want to provide you with some info on the SLA plans for restoring service, as I know that there is inconsistent levels of information out there. This email isn't for broader distribution but if I've missed someone that is key to prepping for the changes please let me know or share with appropriate discretion.

s. 17

s. 17



Thanks, please feel free to call me if you have any questions.

Peter Simpson
Director, Fleet Operations Strategy
Strategic Planning & Community Engagement
British Columbia Ferry Services Inc.
Suite 500, 1321 Blanshard Street
Victoria, BC V8W 0B7
T: 250-978-1163 **C:** s. 15, s. 19
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Distance: 2.8 miles
Sailing Time: 25 minutes

PROPOSED ANNUAL SCHEDULE

YEAR ROUND SCHEDULE 2019/20

EFFECTIVE: May 1st, 2019 to March 31st, 2020, inclusive.

<u>Vesuvius Bay</u>			<u>Crofton</u>		
0500	D	#	0530	B	#
0600		#	0630	A	#
0705	A		0740	F	
0820			0855		
0935			1010		
1050			1125		
1205	C		1255		
1345			1420	E	
1500			1535		
1615			1650		
1730			1805		
1845	E		1920		
2000			2030		
2130		#	2200		#

- A Daily except Sunday
- B Dangerous Cargo Wednesday only
- C Daily except Dangerous Cargo Wednesday
- D **Wednesdays only**
- E Daily except Dangerous Cargo Monday and Thursday
- F **Daily except Dangerous Cargo on Dec 25 and Jan 1**
- # Sailings cancelled Dec 25 and Jan 1

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Dangerous Cargo Sailings on Mondays, Wednesdays and Thursdays as shown – No passengers permitted

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 9.8 miles
Sailing Time: 50 minutes

DRAFT Proposal**SUMMMER AND SHOULDER – NO CHANGES****OFF PEAK – MID OCTOBER TO MID MAY**

EFFECTIVE: April 1 to May 15 and October 15 to March 31

Lv. Saltery Bay

0535 %

0725

0925

1120

1445

1715

1915

2125

Lv. Earls Cove

0630 %

0825

1025

1240

1545

1815

2015

2230

Note:

% Daily except Sundays

Distance: 3 miles
Sailing Time: 20 minutes

SPRING SCHEDULE 2014

EFFECTIVE: Tuesday, April 1st, 2014 to **Sunday, April 27th, 2014**, inclusive.

Lv. Snug Cove

Lv. Horseshoe Bay

	0500 π
0530 ♣	0600
0630	0700
0730	0800
0830	0900 Δ
0930	1000
1030	1100
1130	1200
1230	1425
1500	1530
1600 Δ	1630
1700	1730
1800	1830
1900 ♦	1930 ♦
2000	2030
2100	2135
2200	

π Manager's Discretion - not for publication

♣ Daily, except Sundays and Statutory Holidays (April 18) - Note: April 21, Easter Monday, is not a Stat Holiday

Δ Daily, except Wednesdays (dangerous cargo)

♦ Daily, except Saturdays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 3 miles
Sailing Time: 20 minutes

SPRING SCHEDULE 2014

EFFECTIVE: Tuesday, **April 28th**, 2014 to Wednesday, May 14th, 2014, inclusive.

Lv. Snug Cove

0530 β ♦ ♣
0630
0730 β ♦
0830
0930 β
1030
1130
1230
1500
1600 Δ
1700
1800
1900 ♦
2000 β
2100
2200

Lv. Horseshoe Bay

0500 π β ♦ ♣
0600
0700 β ♦
0800
0900 β Δ
1000
1100
1200
1425
1530
1630
1730
1830
1930 ♦
2030 β
2130

π Manager's Discretion - not for publication

♣ Daily, except Statutory Holidays (April 18) - Note: April 21, Easter Monday, is not a Stat Holiday

Δ Daily, except Wednesdays (dangerous cargo)

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

- ♦ Daily, except Saturdays
- β Daily, except Sundays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 2.8 miles
Sailing Time: 20 minutes

SHOULDER & PEAK SEASON SCHEDULE 2017

EFFECTIVE: Thursday, May 18th, 2017 to Monday, October 9th, 2017, inclusive.

Lv. Snug Cove

Lv. Horseshoe Bay

0530 β ♦ ♣	0500 π β ♦ ♣
0630	0600
0730 β	0700 β
0835	0800
0935	0905 Δ
1035	1005
1140	1105
1245	1210
1510	1435
1615 Δ	1545
1715	1645
1820	1750
1920 ♦	1850
2015 β	1950 ♦
2110	2040 β
2205	2140

π Manager's Discretion - not for publication

♣ Daily, except Statutory Holidays (May 22, July 1, Aug 7, Sept 4, Oct 9)

Δ Daily, except Wednesdays (dangerous cargo)

♦ Daily, except Saturdays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

β Daily, except Sundays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 2.8 miles
Sailing Time: 20 minutes

OFF-PEAK SCHEDULE 2019

EFFECTIVE: April 1st, 2019 to May 15th, 2019, inclusive.

Lv. Snug Cove

Lv. Horseshoe Bay

0520 β ♣	0450 π β ♣
0620	0550
0730	0650
0835	0800
0940	0905 Δ
1050	1015
1200	1125
1310	1235
1455	1420
1600 Δ	1530
1710	1635
1815	1745
1925 ♦	1850
2030	2000 ♦
2130	2100
2230	2200

π Manager's Discretion - not for publication

♣ Daily, except Statutory Holidays (Note: Friday April 19 is a statutory holiday but April 22 is not)

Δ Daily, except Wednesdays (dangerous cargo)

♦ Daily, except Saturdays

β Daily, except Sundays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 2.8 miles
Sailing Time: 20 minutes

DRAFT PROPOSAL FOR SLARESTORATION

OFF-PEAK SCHEDULE 2019

EFFECTIVE: Monday, April 1st, 2019 to Wednesday, May 15th, 2019, inclusive.

Lv. Snug Cove

Lv. Horseshoe Bay

	0450 π β ♦ ♣
0520 β ♦ ♣	
0620	0550
0730 β	0650 β
0835	0800
0940	0905 Δ
1050	1015
1200	1125
1310	1235
1455	1420
1600 Δ	1530
1710	1635
1815	1745
1925 ♦	1850
2030 β	2000 ♦
2130	2100 β
2230	2200

π Manager's Discretion - not for publication

♣ Daily, except Statutory Holidays (Note: Friday April 19 is a statutory holiday but April 22 is not)

Δ Daily, except Wednesdays (dangerous cargo)

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

- ◆ Daily, except Saturdays
- β Daily, except Sundays

Distance: 2.8 miles
Sailing Time: 20 minutes

DRAFT PROPOSAL SLARESTORATION

SHOULDER & PEAK SEASON SCHEDULE 2019

EFFECTIVE: Thursday, May 16th, 2019 to Monday, October 14th, 2019, inclusive.

Lv. Snug Cove

Lv. Horseshoe Bay

0520 β ♦ ♣	0450 π β ♦ ♣
0620	0550
0730 β	0650 β
0835	0800
0940	0905 Δ
1050	1015
1200	1125
1310	1235
1510	1435
1615 Δ	1545
1720	1650
1830	1755
1945 ⚡	1910
2050 β	2020 ⚡
2150	2120 β
2250	2220

π Manager's Discretion - not for publication

♣ Daily, except Statutory Holidays (May 20, July 1, Aug 5, Sept 2, Oct 14)

Δ Daily, except Wednesdays (dangerous cargo)

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

- ◆ Daily, except Saturdays
- β Daily, except Sundays

Distance: 4.5 miles
Sailing Time: 40 minutes

OFF PEAK SCHEDULE 2019 – PROPOSED SLA RESTORATION

EFFECTIVE: April 1st, 2019 to June 25th, 2019, inclusive.

Monday to Friday Schedule

<u>LV. TEXADA ISLAND</u>	<u>LV. POWELL RIVER</u>
0600	0650
0750	0835
0920	1010 ▲
1125	1040 +
	1215
1500 + ▲	1545
1705	1800
1850	1940
2035	2120

Saturday to Sunday Schedule

<u>LV. TEXADA ISLAND</u>	<u>LV. POWELL RIVER</u>
0600	0650
0750	0835
0920	
1125	1040
	1215
1530	1615
1710	1840
1925	2015
2100	2145

+ Daily Except Wednesdays
▲ Dangerous Cargo on Wednesdays

Distance: 4.5 miles
Sailing Time: 40 minutes

PEAK SCHEDULE 2019 – PROPOSED SLA RESTORATION

EFFECTIVE: June 26th, 2019 to September 2nd, 2019, inclusive.

Monday to Friday Schedule

<u>LV. TEXADA ISLAND</u>	<u>LV. POWELL RIVER</u>
0600	0650
0750	0835
0920	
	1000 +
1040	1130
1215	1300
	1350
1300	
1500 + ▲	1545
1705	1800
1850	1940
2035	2120

Saturday to Sunday Schedule

<u>LV. TEXADA ISLAND</u>	<u>LV. POWELL RIVER</u>
0600	0650
0750	0835
0920	
	1000
1040	1130
1215	1300
1530	1615
1710	1840
1925	2015
2100	2145

+ Dangerous Cargo on Wednesdays

DRAFT

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

Distance: 3.7 miles
Sailing Time: 20 minutes

PROPOSED SLA RESTORATION SCHEDULES

YEAR ROUND SCHEDULE

EFFECTIVE: Sunday, April 1st, 2012 to Sunday, March 31st, 2013, inclusive.

LV. DESCANSO BAY

LV. NANAIMO HARBOUR

0525 d #	0555 d #
0630 #	0655 a #
0735 a	0810
0850	0925
1005	1040 b
1120	1155
1235	1310
1350	1425
1505	1545
1620	1700
1735 b	1810
1840	1915
2025	2100
2130	2200 c
2230 c	2300

- a Daily except Sunday
b Dangerous Cargo Wednesdays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

- c** Daily except Wednesday
- d** Daily except Saturday and Sunday
- #** Except Dec 25 and Jan 1



Route 23 Vancouver Island – Quadra Island

Distance: 1.8 miles
Sailing Time: 10 minutes

YEAR ROUND SCHEDULE – PROPOSED SLARESTORATION

EFFECTIVE: April 1st, March 31st.

LV. QUADRA ISLAND

LV. CAMPBELL RIVER

0615 #

0640 #

0705 # a

0730 # a

0800

0830

0900

0930

1000

1030 b

1100

1130

1200

1230

1300

1330

1400

1430

1505

1530

1600 b

1630

1700

1725

1750

1815

1900

1930

2000

2030

2100

2130

2200

2230

2300 d

2330 d

a Daily, except Sundays

b Dangerous Cargo on Tuesdays

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE



Route 23

Vancouver Island – Quadra Island

- d** Fridays and Saturdays only
- #** Cancelled on Dec 25th and Jan 1st

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE



Route 24 Cortes Island – Quadra Island

Distance: 6.5 miles
Sailing Time: 45 minutes

PEAK SCHEDULE 2019 – PROPOSED SCHEDULE

EFFECTIVE: APRIL 1 TO MARCH 31.

LV. WHALETOWN
(Cortes Island)

0750

0950

1150

1350 **b**

1550

1750

LV. HERIOT BAY
(Quadra Island)

0905

1105 **b**

1305

1505

1705

1845

b Dangerous Cargo on Tuesdays ex Heriot Bay at 1105 and ex Whaletown at 1350



Route 26 Alliford Bay - Skidegate

Distance: 3.5 miles
Sailing Time: 20 minutes

YEAR-ROUND SCHEDULE – PROPOSED SLA RESTORATION

EFFECTIVE: TBA.

<u>LV. ALLIFORD BAY</u>	<u>LV. SKIDEGATE</u>
0700 Δ	0730 Δ
0800	0830
0930 #	1000
1030	1100
1230	1300
1330	1400
1540	1600
1630	1700
1730	1830
1900	1930
2100	2130
2200	2230

Dangerous Cargo Sailings Occur on Thursdays – Please contact terminal for departure times

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE



Route 26

Alliford Bay - Skidegate

- # Leave Alliford Bay 0850 Wednesdays, 0930 cancelled
- Δ Cancelled on Dec 25th and Jan 1st.

SCHEDULES SUBJECT TO CHANGE WITHOUT NOTICE

From: [Daniel Martin](#)
To: [Jacobson, Mitchell](#)
Subject: [EXTERNAL] RE: Bowen Island Development Question
Date: April 20, 2022 9:07:47 AM

CAUTION: This email originated from outside of BC Ferries. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Mitchell,

I don't believe there are any proposal that size currently approved. The last major development we approved was for Grafton Lakes in 2017 which is around 150 units and is slowly being developed. Having said that, we always have initial discussions with developers who brainstorm different levels of development, and I never know which ones will actually come forward with an application. If we receive any applications for large developments (say above 100 units) I can make sure that they are referred to BC Ferries for comment.

Daniel Martin

Manager of Planning & Development

Bowen Island Municipality

981 Artisan Lane, Bowen Island, BC V0N 1G2

dmartin@bimbc.ca

[604-947-4255](tel:604-947-4255)

www.bowenislandmunicipality.ca

For general planning inquiries please contact planning@bimbc.ca

BOWEN ISLAND Municipality

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From: Jacobson, Mitchell

Sent: Thursday, April 14, 2022 10:21 AM

To: Daniel Martin

Subject: Bowen Island Development Question

Hi Daniel,

I'm reaching out on behalf of BC Ferries, a few of our operations staff have heard rumours of a large development being proposed on the Island (order of 300 units), are there any developments you are aware of that are planned / proposed or approved to proceed? Just curious as it could have a noticeable impact on demand for ferry services. I couldn't find anything on your website but I might have been looking in the wrong place.

Cheers,

Mitchell Jacobson, M.Sc., P.Eng.

Manager, Terminal Development

British Columbia Ferry Services Inc.

500-1321 Blanshard St, Victoria, BC, V8W 0B7

T: 250-978-1442 C: [250-978-1442](tel:250-978-1442)

Mitchell.Jacobson@bcferries.com

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