

No.	Name	Position ----- Latitude N. Longitude W.	Light Characteristics	Focal Height in m. above water	Nomi- nal Range	Description ----- Height in meters above ground	Remarks ----- Fog Signals
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FRASER RIVER

311 G5401	Sand Heads	Near outer end of Steveston Jetty. 49 06 21.2 123 18 12.1	Fl G	5s	13.3	16	White cylindrical tower. Flash 0.1 s: eclipse 4.9 s. Year round.	Chart:3490
312	<i>Fraser River light buoy SO</i>	<i>Near outer end of Steveston Jetty. 49 05 42.9 123 18 47.1</i>	Q R	1s	.....	.....	<i>Red, marked "SO".</i> Year round.	Chart:3490
313.5	Northside Jetty 1A	49 06 31.1 123 17 44.4	Fl(3) G	12s	6.1	4	White cylindrical tower, green band at top. Radar reflector. Year round.	Chart:3490
314	<i>Fraser River light buoy S2</i>	<i>On S. side of channel. 49 06 10.1 123 18 01.6</i>	Fl R	4s	.....	.....	<i>Red, marked "S2".</i> Year round.	Chart:3490
315 G5403	Northside Jetty 3	On jetty. 49 06 43.1 123 17 15.9	Fl G	4s	5.8	4	White cylindrical tower, green band at top. Radar reflector. Year round.	Chart:3490
316	Northside Jetty 3A	49 06 54.4 123 16 48.8	Fl(3) G	12s	6.3	4	White cylindrical tower, green band at top. Radar reflector. Year round.	Chart:3490
317 G5404	Northside Jetty 5	On jetty. 49 07 10.4 123 16 11	Fl(3) G	12s	7.2	7	White cylindrical tower on 9-pile dolphin, green band at top. Radar reflector. Year round.	Chart:3490
318	Northside Jetty 5A	49 07 26.1 123 15 32.4	Fl(3) G	12s	5.8	4	White cylindrical tower, green band at top. Radar reflector. Year round.	Chart:3490
319	<i>Fraser River light buoy S4</i>	<i>On S. side of channel. 49 06 40.2 123 16 50.8</i>	Fl R	4s	.....	.....	<i>Red, marked "S4".</i> Year round.	Chart:3490
320 G5405	Northside Jetty 7	On jetty, E. of No. 5. 49 07 41.7 123 14 54.8	Fl G	4s	6.1	5	White cylindrical tower, green band at top, marked "7". Radar reflector. Year round.	Chart:3490
321	<i>Fraser River light buoy S6</i>	<i>On S. side of channel. 49 07 10.9 123 15 39.4</i>	Fl R	4s	.....	.....	<i>Red, marked "S6".</i> Year round.	Chart:3490
321.5	<i>Fraser River light buoy S8</i>	<i>On S. side of channel. 49 07 38 123 14 35</i>	Fl R	4s	.....	.....	<i>Red, marked "S8".</i> Year round.	Chart:3490
322 G5406	Northside Jetty 7A	Close behind Steveston Jetty. 49 07 51.6 123 14 30.2	Q G	1s	5.6	4	White cylindrical tower, green band at top. Radar reflector. Year round.	Chart:3490

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323 G5410	Wing Dam range	Close behind Steveston Jetty. 49 07 57.6 123 14 04.7	F Y	9.3	15	Square skeleton tower, red daymark, white vertical stripe.	Visible in line of range.
324 G5410.1		057°15' 720m from front.	F Y	.....	9.8	7	Square skeleton tower, red daymark, white vertical stripe.	Visible upstream. In operation 24 hours. Year round.
								Chart:3490
325	Fraser River light buoy S10	On S. side of channel. 49 07 46.4 123 13 51.2	Q R	1s	.....	.....	Red, marked "S10".	Year round.
								Chart:3490
326 G5408	Northside Jetty 11	On jetty. 49 07 56.7 123 13 34.4	Fl G	4s	4.5	3	White cylindrical tower, green band at top.	Radar reflector. Year round.
								Chart:3490 Edn 09/05(P05-050)
327 G5412	New Cut range 1	49 07 54.7 123 13 21.3	F Y	.....	8.3	15	Square skeleton tower on 9-pile dolphin, red daymark, white vertical stripe.	Visible downstream. In operation 24 hours. Year round.
328 G5412.1		301°19' 190m from front.	F Y	.....	13.8	15	Square skeleton tower on 9-pile dolphin, red daymark, white vertical stripe.	In operation 24 hours. Year round.
								Chart:3490
329 G5413	Northside Jetty 13	On North side of Jetty. 49 07 47.4 123 12 50	Fl(3) G	12s	6.2	3	White cylindrical tower, green band at top on 9- pile dolphin.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Radar reflector. Year round.
								Chart:3490 Edn 09/05(P05-051)
332	Fraser River light buoy S14	S. side of channel. 49 07 39 123 12 57	Fl R	4s	.....	.....	Red, marked "S14".	Year round.
								Chart:3490
333	Garry Point West	W. of point. 49 07 29.6 123 11 59.7	Fl G	4s	7.2	4	White cylindrical tower, green band at top on 9- pile dolphin.	Radar reflector. Year round.
								Chart:3490
335	Steveston Breakwater	On W. extremity of breakwater. 49 07 24.7 123 11 33.1	Q R	1s	6.7	4	White cylindrical tower.	Radar reflector. Year round.
								Chart:3490 Edn 06/05
336	Fraser River light buoy S16	At turn in New Cut channel. 49 07 12.5 123 11 48.3	Fl R	4s	.....	.....	Red, marked "S16".	Year round.
								Chart:3490
337	Fraser River light buoy S19	S. of Steveston Bar. 49 06 58.4 123 10 43.7	Fl G	4s	Green, marked "S19".	Year round.
								Chart:3490

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FRASER RIVER

337.5	Fraser River light buoy S21	49 06 36.4 123 09 16.7	Q G	1s	Green, marked "S21". Year round.	
							Chart:3490	
338	New Cut range 2	49 06 36.7 123 10 06.1	F Y	9.1	11	Square skeleton tower on 9-pile dolphin, red daymark, white vertical stripe.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Year round.
338.5		121°25' 220m from front.	FI(3) R	12s	8.2	5	Square skeleton tower on 9-pile dolphin, red daymark, white vertical stripe.	Year round.
							Chart:3490	
339	Woodward Island North	On N. side of island. 49 06 26.4 123 09 18	FI R	4s	5.2	5	White cylindrical tower, red band at top.	Radar reflector. Year round.
							Chart:3490	
340	Woodward Island Downstream range	49 06 23.2 123 08 41.4	F Y	9.1	11	Square skeleton tower on 5-pile dolphin, red daymark, white vertical stripe.	Visible in line of range. Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Year round.
341		109°21' 261.9m from front.	FI(2) R	6s	8.8	5	Square skeleton tower on 9-pile dolphin, red daymark, white vertical stripe.	Year round.
							Chart:3490	
342	Woodward Island Upstream range	49 06 22.3 123 08 18.9	F Y	8.8	11	White square skeleton tower on dolphin, white daymark, red vertical stripe.	Visible upstream. Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Year round.
343		253°35' 262.1m from front.	FI(3) R	12s	8.8	4	Square skeleton tower on dolphin, white daymark, red vertical stripe.	Year round.
							Chart:3490	
344	Fraser River light buoy S25	Opposite Deas Island. 49 07 17.4 123 04 42.7	FI G	4s	.....	.....	Green, marked "S25". Year round.
							Chart:3490	
345	Woodward Island	At NE. end of island. 49 06 22.9 123 07 34.3	FI R	4s	5.7	5	White cylindrical tower, red band at top.	Radar reflector. Year round.
							Chart:3490	
346.5	Kirkland Island West	N. side of island. 49 06 42.3 123 06 07.6	FI(3) R	12s	5.5	5	White cylindrical tower, red band at top.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Year round.
							Chart:3490	
346.7	Fraser River light buoy S23	N. side of channel. 49 06 58.4 123 05 29.7	Q G	1s	.....	.....	Green, marked "S23". Year round.
							Chart:3490	
348	Kirkland Island range	49 06 47.3 123 05 13.4	F Y	8.5	11	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Year round.
348.1		221°10' 270m from front.	F Y	14.7	11	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Year round.
							Chart:3490	

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FRASER RIVER

348.2	Kirkland Island Breakwater	49 06 53.1 123 05 09.7	Q R	1s	8.9	4	Cylindrical mast, red and white triangular daymark.	Year round. Chart:3490
348.3	Deas Slough	Entrance to dredged cut. 49 06 54.5 123 04 55.8	FI R	4s	6.4	4	White cylindrical tower on 4-pile dolphin, red band at top.	Radar reflector. Year round. Chart:3490
348.5	Deas Island range	W. end of island. 49 07 06.6 123 04 33.1	F Y FI(2) R	..... 6s	8.2 8.3	15 5	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. In operation 24 hours. Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Year round.
348.6		073°25' 190m from front.	F Y	.....	14.9	15	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. In operation 24 hours. Year round. Chart:3490
349	Fraser River light buoy S28	N. of Deas Island. 49 08 22.4 123 03 00	Q R	1s	.....	.....	Red, marked "S28".	Year round. Chart:3490
349.5	Fraser River light buoy S30	NE. of Deas Island. 49 08 43.2 123 02 18.3	FI R	4s	.....	.....	Red, marked "S30".	Year round. Chart:3490
350	Fraser River light buoy S32	S. side of channel. 49 09 18.4 122 59 44.2	Q R	1s	.....	.....	Red, marked "S32".	Year round. Chart:3490
351	Tilbury range 1	Near N. bank of river, opposite Tilbury Island. 49 08 37.2 123 03 04.2	F Y FI G	..... 4s	7.5 7.6	15 7	Square skeleton tower, white daymark, red vertical stripe on 9-pile dolphin.	Visible in line of range. In operation 24 hours. Year round.
352		251°15' 274.3m from front.	F Y	.....	15.1	15	Square skeleton tower, white daymark, red vertical stripe on 9-pile dolphin.	In operation 24 hours. Year round. Chart:3490
353	Tilbury range 2	Near N. bank of river. 49 08 54.7 123 02 24	Q Y	1s	11.3	13	On 1-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. Year round.
354		041°10' 273.1m from front.	Iso Y	2s	19.0	15	Cylindrical tower, white daymark, red vertical stripe.	Visible in line of range. Year round. Chart:3490 Edn 05/05(P05-015,016)
356	Purfleet Point range	On W. extremity of Annacis Island. 49 09 33.2 122 58 52.6	Q Y Q G	1s 1s	7.6 7.8	10	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Visible in line of range. Year round.
357		071°10' 274.3m from front.	Q Y	1s	15.2	10	Square skeleton tower on 9 pile dolphin, white daymark, red vertical stripe.	Year round. Chart:3490
358	Fraser River light buoy S34	Opposite Purfleet Point. 49 09 22.5 122 58 55.8	FI R	4s	Red, marked "S34".	Year round. Chart:3490

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FRASER RIVER

359	City Reach range 1	49 09 11.1 122 57 12.6	Q Y	1s	6.1	13	Centre pile on a 9-pile dolphin, white daymark, red vertical stripe.	In operation 24 hours. Year round.
360		226°37' 108.5m from front.	Iso Y	2s	12.8	15	Square skeleton tower, white daymark, red vertical stripe.	Year round. Chart:3490
361	City Reach range 2	On S. bank of river. 49 09 17.9 122 56 40.9	Q Y	1s	8.6	13	Mast, white daymark, red vertical stripe	In operation 24 hours. Year round.
362		095°20' 146m from front.	Iso Y	2s	13.8	15	Mast, white daymark, red vertical stripe.	Year round. Chart:3490
363	Annieville Channel range	On S. bank of river. 49 09 52.1 122 55 50	F Y	.....	28.8	15	Mast.	In operation 24 hours. Year round.
364		199° 259.1m from front.	F Y	.....	66.8	15	Red and white square skeleton tower.	In operation 24 hours. Year round. Chart:3490
365	Annacis Island Pile Wall South	S. end, pile wall. 49 10 21.3 122 55 39.9	Q G	1s	.....	3	Mast on 3- pile dolphin, black, white and green square daymark.	Year round. Chart:3490 Edn 05/05(P05-017)
366.1	Annieville Channel Pile Wall South	S. end of pile wall. 49 10 49.2 122 55 10.1	Q R	1s	1.9	2	Square mast on pile wall.	Year round. Chart:3490
366.3	Annieville Channel Pile Wall North	On N. end of pile wall. 49 10 57.2 122 55 05.7	FI(2) R	6s	0.7	3	On 1 pile dolphin.	Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Year round. Chart:3490 Edn 12/(P04-094)
366.4	Annacis Island Pile Wall Centre	Inside pile wall. 49 11 07.6 122 55 19.3	FI G	4s	5.5	4	Long centre pile of 9-pile dolphin, black, white and green square daymark.	Year round. Chart:3490
366.5	Annieville Rock Wall 1	S. side. 49 11 10.5 122 54 58.6	FI R	4s	2.7	4	Mast, red and white triangular daymark.	Year round. Chart:3490
366.6	Annieville Rock Wall 3	Opposite Shoal Pt. 49 11 36.6 122 54 41.3	Q R	1s	2.2	3	Mast, red and white triangular daymark.	Year round. Chart:3490
366.7	Annieville Rock Wall 4	NE. of Shoal Pt. 49 11 47.2 122 54 29	FI(3) R	12s	5.6	4	White cylindrical tower, red band at top.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Radar reflector. Year round. Chart:3490
367	Shoal Point	E. end of trifurcation wall. 49 11 44.2 122 54 55.9	Q G	1s	3.1	4	Mast on a 3-pile dolphin.	Year round. Chart:3490 Edn 06/05

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FRASER RIVER

368	New Westminster Railway Swing Bridge	49 12 31 122 53 36	F R-G	9.1	Centre span.	Whistle. Privately maintained. Year round.
			FI R 4s 27.4	Extremity of pier.	Siren . Privately maintained.	
			F R-G 9.1			
			F W	3.7 .....	.....
	South Buttress	On upstream extremity of buttress.	F W	3.7 .....	.....	Visible to downstream traffic only. Privately maintained.
	North Buttress	On downstream extremity of buttress.	F W	6.7 .....	.....	Visible to upstream traffic only Privately maintained.
						Chart:3490
368.5	Brownsville light buoy S40	E. of Pattulo bridge. 49 12 42.4 122 53 14.7	FI R 4s .....	.....	Red, marked "S40".	Year round. Chart:3490
369	Port Mann Training Dyke Lower	On channel end of dyke. 49 12 53.8 122 53 05.8	FI G 4s 3.0	4	White cylindrical tower on 4-pile dolphin, green band at top.	Radar reflector. Year round. Chart:3490
370	Port Mann Training Dyke Upper	On channel end of dyke. 49 13 00.7 122 52 45.7	Q G 1s 3.3	4	Lantern on long centre pile of 19-pile dolphin.	Year round. Chart:3490
371	Sapperton Bar Dyke	At W. end of S. wing of dyke. 49 13 10.2 122 50 53.9	FI G 4s 2.7	4	Mast on a 3 pile dolphin.	Year round. Chart:3490
380.5	Sturgeon Bank light buoy T10	49 10 59.4 123 17 46.7	FI R 4s .....	.....	Red, marked "T10".	Year round. Chart:3463
381	Westerly	Near NW. extremity of North Arm Jetty. 49 15 26.3 123 16 46.8	FI(3) W 12s 7.9	9	White cylindrical tower.	Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s. Year round. Chart:3491
382 G5415	North Arm Breakwater	On breakwater. 49 15 15.3 123 16 03	FI G 4s 3.3	4	Mast, black, white and green square daymark.	Year round. Chart:3491
384 G5417	North Arm Third	On S. side of channel. 49 14 21.4 123 14 52.6	FI W 4s 6.1	3	Centre pile on a 9-pile dolphin, red and white triangular daymark.	Year round. Chart:3491 Edn 12/04(P04-095)
385 G5418	Inner (Easterly)	On S. side of channel at turn in North Arm Jetty. 49 13 39 123 13 41.8	Q R 1s 5.5	3	Centre pile on a 9-pile dolphin.	Year round. Chart:3491

The following is a list of Bridge Signals authorized by By-Law of the North Fraser Harbour Commissioners:

BRIDGES

The following rules govern the opening of all bridges to marine traffic within the limits of the Harbour.

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(1)Signals:

CALL SIGNALS FOR SPAN OPENINGS

(a)The Master or person in charge of a vessel shall give the following signals to bridge tenders within reasonable hearing of the bridge to open the swing span, or in the event that the span is already open, that he intends to pass through:

- Eburne Bridge No. 4 - - - -
- Eburne Bridge No. 5 - - -
- B.C. Hydro Marpole Bridge, signal - - - - .
- C.N. Railway Bridge - - -

RESCINDING SIGNAL

(b)In the event of a vessel having signalled for the swing span to be opened, and for any reason (such as invisibility) does not intend to pass through, the master or person in charge of the vessel shall signal that the swing span be closed by sounding two long blasts and two short blasts of the whistle.

DANGER SIGNAL

(c)(Given by the bridge tender to answer the call signal of a vessel, and to indicate that the span cannot or will not be opened at once.) Given by a series of short blasts of a horn or whistle in rapid succession, by day or night, or by the bridge tender swinging a red lighted lantern or raising a red ball, the former by night, the latter by day; the person signalling to face the vessel and swing the lantern in front of him at arm's length in vertical circles.