

PACIFIC COAST – List of Lights, Buoys and Fog Signals

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
<b>FRASER RIVER</b>							
310	<i>Sand Heads light and bell buoy S1</i>	<i>N. side of river entrance.</i> 49 06 10.9 123 18 38.7	<i>Fl G 4s</i>	.....	.....	<i>Green, marked "S1".</i>	<i>Year round.</i>  <b>Chart:3490</b>
311 G5401	<b>Sand Heads</b>	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.  <b>Chart:3490</b>
312	<i>Fraser River light buoy SO</i>	<i>SSW. of Sand Heads, S. side of river entrance.</i> 49 05 42.9 123 18 55.1	<i>Q R 1s</i>	.....	.....	<i>Red, marked "SO".</i>	<i>Year round.</i>  <b>Chart:3490 Edn 06/13 (P13-004)</b>
313.5 G5402.5	Northside Jetty 1A	49 06 31.1 123 17 44.4	Fl(3) G 12s	5.6	4	White square skeleton tower, green band at top.	Year round.  <b>Chart:3490</b>
314	<i>Fraser River light buoy S2</i>	<i>SE. of Sand Heads.</i> 49 06 16.5 123 17 46.4	<i>Fl R 4s</i>	.....	.....	<i>Red, marked "S2".</i>	<i>Year round.</i>  <b>Chart:3490 Edn 04/17</b>
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.  <b>Chart:3490</b>
316 G5403.5	Northside Jetty 3A	On jetty. 49 06 54.4 123 16 48.8	Fl(3) G 12s	6.3	4	White cylindrical tower, green 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.  <b>Chart:3490 Edn 06/15 (P15-017) Edn 04/17</b>
317 G5404	Northside Jetty 5	On jetty. 49 07 10.4 123 16 11.1	Fl(3) G 12s	7.4	5	White square skeleton tower, green band at top on 3-pile dolphin.	Year round.  <b>Chart:3490</b>
318	Northside Jetty 5A	On jetty. 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.  <b>Chart:3490</b>
319	<i>Fraser River light buoy S4</i>	<i>SE. of Steveston Jetty No. 3.</i> 49 06 40.2 123 16 50.8	<i>Fl R 4s</i>	.....	.....	<i>Red, marked "S4".</i>	<i>Year round.</i>  <b>Chart:3490</b>
320 G5405	Northside Jetty 7	On jetty, E. of No. 5. 49 07 41.6 123 14 54.9	Fl G 4s	5.1	5	White square skeleton tower, green band on top.	Year round.  <b>Chart:3490</b>
321	<i>Fraser River light buoy S6</i>	<i>E. of Steveston Jetty No. 5.</i> 49 07 10.9 123 15 39.4	<i>Fl R 4s</i>	.....	.....	<i>Red, marked "S6".</i>	<i>Year round.</i>  <b>Chart:3490</b>

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321.5	Fraser River light buoy S8	SE. of Steveston jetty No. 7. 49 07 38 123 14 35	Fl R 4s	.....	.....	Red, marked "S8".	Year round.  <b>Chart:3490</b>
322 G5406	Northside Jetty 7A	Close behind Steveston Jetty. 49 07 51.6 123 14 30.2	Q G 1s	5.6	5	White cylindrical tower, green band at top.	Radar reflector. Year round.  <b>Chart:3490</b>
323 G5410	Wing Dam range	Close behind Steveston Jetty. 49 07 57.6 123 14 04.7	F Y .....	8.7	15	Cylindrical mast, red daymark, white vertical stripe.	Operates 24 h. Visible upstream. Year round.
324 G5410.1		057°15' 715m from front.	F Y .....	8.7	4	Cylindrical mast, red daymark, white vertical stripe.	Operates 24 h. Year round.  <b>Chart:3490 Edn 06/14 (P14-022, 023)</b>
325	Fraser River light buoy S10	SW. of Steveston Jetty No. 11. 49 07 45.5 123 13 51.2	Q R 1s	.....	.....	Red, marked "S10".	Year round.  <b>Chart:3490</b>
326 G5408	Northside Jetty 11	On jetty. 49 07 56.7 123 13 34.6	Fl G 4s	4.9	4	White square skeleton tower, green band at top.	Year round.  <b>Chart:3490</b>
327 G5412	New Cut Outbound range	49 07 54.7 123 13 21.3	F Y .....	9.5	10	Square skeleton tower on 9-pile dolphin, red daymark, white vertical stripe.	Year round. Operates 24 h.
328 G5412.1		301°30' 201m from front.	F Y .....	10.0	4	Square skeleton tower on 9-pile dolphin, red daymark, white vertical stripe.	Year round. Operates 24 h.  <b>Chart:3490 Edn 02/15 (P14-077, 078) Edn 12/15</b>
329 G5413	Northside Jetty 13	On N. side of jetty. 49 07 47.3 123 12 50	Fl(3) G 12s	5.2	4	White square skeleton 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. Year round.  <b>Chart:3490</b>
332	Fraser River light buoy S14	SSW. of Steveston Jetty No. 13. 49 07 38.6 123 12 57.4	Fl R 4s	.....	.....	Red, marked "S14".	Year round.  <b>Chart:3490</b>
333	Garry Point West	W. of point. 49 07 29.6 123 11 59.9	Fl G 4s	6.5	6	White square skeleton tower, green band at top, on 3-pile dolphin.	Year round.  <b>Chart:3490</b>
335	Steveston Breakwater	On NW. end of bar. 49 07 24.7 123 11 33.1	Q R 1s	6.7	4	White cylindrical tower.	Radar reflector. Year round.  <b>Chart:3490</b>

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<b>FRASER RIVER</b>							
336	Fraser River light buoy S16	S. of Garry Point. 49 07 12.5 123 11 48.3	Fl R 4s	.....	.....	Red, marked "S16".	Year round.  <b>Chart:3490</b>
337	Fraser River light buoy S19	N. of Albion Island. 49 06 58.4 123 10 43.7	Fl G 4s	.....	.....	Green, marked "S19".	Year round.  <b>Chart:3490</b>
337.5	Fraser River light buoy S21	N. of Woodward Training Wall. 49 06 36.4 123 09 16.7	Q G 1s	.....	.....	Green, marked "S21".	Year round.  <b>Chart:3490</b>
338	New Cut Inbound range	49 06 36.7 123 10 06.1	F Y .....	9.1	10	Square skeleton tower on 6-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. Operates 24 h. Year round.
338.5			F(3) R 12s	8.2	5		
338.5		121°25' 220m from front.	F Y .....	14.2	10	Square skeleton tower on 6-pile dolphin, red daymark, white vertical stripe.	Operates 24 h. Year round.  <b>Chart:3490</b> <b>Edn 02/15 (P14-079)</b> <b>Edn 04/15 (P14-080)</b> <b>Edn 05/17</b>
339	Woodward Island North	On N. side of island. 49 06 26.4 123 09 18	Fl R 4s	5.2	5	White cylindrical tower, red band at top.	Radar reflector. Year round.  <b>Chart:3490</b>
340 G5413.16	Woodward Island Inbound range	49 06 23.3 123 08 41.4	F Y .....	7.6	10	Square skeleton tower, on 9-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. Operates 24 h. Year round.
341 G5413.17			F(2) R 6s	7.9	4		
341 G5413.17		109°11' 113.4 m from front.	F Y .....	11.7	10	Square skeleton tower, on 6-pile dolphin, red daymark, white vertical stripe.	Operates 24 h. Year round.  <b>Chart:3490</b> <b>Edn 06/14 (P14-026, 027)</b> <b>Edn 12/15 (P15-092, 093)</b> <b>Edn 05/16</b>
342	Woodward Island Outbound range	49 06 22.3 123 08 18.9	F Y .....	7.3	10	Square skeleton tower, on 9-pile dolphin, white daymark, red vertical stripe.	Visible upstream. Year round. Operates 24 h.
343			F(3) R 12s	7.3	4		Flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 2 s; flash 0.5 s; eclipse 6.5 s.
343		253°18' 262m from front.	F Y .....	14	10	Square skeleton tower, on 9-pile dolphin, white daymark, red vertical stripe.	Year round. Operates 24 h.  <b>Chart:3490</b> <b>Edn 06/14 (P14-028, 029)</b> <b>Edn 01/16 (P15-095, 096)</b>
344	Fraser River light buoy S25	NW. of Deas Island range. 49 07 17.4 123 04 42.7	Fl G 4s	.....	.....	Green, marked "S25".	Year round.  <b>Chart:3490</b>

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<b>FRASER RIVER</b>							
345	Woodward Island	At NE. end of island. 49 06 22.9 123 07 34.3	Fl R 4s	5.7	5	White cylindrical tower, red band at top.	Radar reflector. Year round.  <b>Chart:3490</b>
346.5	Kirkland Island West	N. side of island. 49 06 41.8 123 06 09.5	Fl(3) R 12s	5.2	5	White square skeleton 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.  <b>Chart:3490 Edn 02/14 (P14-006)</b>
346.7	Fraser River light buoy S23	S. of Woodwards Landing. 49 06 59.5 123 05 29.9	Q G 1s	.....	.....	Green, marked "S23".	Year round.  <b>Chart:3490</b>
348	Kirkland Island range	49 06 47.3 123 05 13.4	F Y .....	8.5	10	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Year round. Operates 24 h.
348.1		221°03' 264.2m from front.	F Y .....	14.7	10	Square skeleton tower on 6-pile dolphin, white daymark, red vertical stripe.	Year round. Operates 24 h.  <b>Chart:3490 Edn 06/15 (P15-044, 045) Edn 12/15</b>
348.2	Kirkland Island Breakwater	49 06 53.1 123 05 09.7	Q R 1s	8.9	4	Mast, red and white triangular daymark.	Year round.  <b>Chart:3490</b>
348.3	Deas Slough	Entrance to dredged cut. 49 06 54.5 123 04 55.8	Fl R 4s	6.4	4	White cylindrical tower on 4-pile dolphin, red band at top.	Radar reflector. Year round.  <b>Chart:3490</b>
348.5 G5413.26	Deas Island range	W. end of island. 49 07 06.6 123 04 33.1	F Y .....	8.2	15	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Operates 24 h. Year round.
348.6 G5413.27		073°26' 190.8m from front.	F Y .....	14.9	15	Square skeleton tower on 4-pile dolphin, white daymark, red vertical stripe.	Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Operates 24 h. Year round.  <b>Chart:3490 Edn 06/15 (P15-005) Edn 04/17</b>
349	Fraser River light buoy S28	NW. of Tilbury Slough. 49 08 22 123 02 59.6	Q R 1s	.....	.....	Red, marked "S28".	Year round.  <b>Chart:3490</b>
349.5	Fraser River light buoy S30	NW. of Tilbury Island. 49 08 43.2 123 02 18.3	Fl R 4s	.....	.....	Red, marked "S30".	Year round.  <b>Chart:3490</b>
350	Fraser River light buoy S32	S. of Don Island. 49 09 17.9 122 59 43.9	Q R 1s	.....	.....	Red, marked "S32".	Year round.  <b>Chart:3490</b>

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FRASER RIVER

351	Tilbury range 1	Near N. bank of river, opposite Tilbury Island. 49 08 37.3 123 03 04.2	F Y .....	7.5	15	Square skeleton tower, on 5-pile dolphin, white daymark, red vertical stripe.	Operates 24 h. Year round.
			Fl G 4s	7.6	7		
352		251°14' 274.3m from front.	F Y .....	14.8	15	Mast, white daymark, red vertical stripe.	Operates 24 h. Year round.  Chart:3490
353 G5413.3	Tilbury range inbound	Near N. bank of river. 49 08 54.7 123 02 24.0	Iso Y 2s	11.3	15	On 1-pile dolphin, white daymark, red vertical stripe.	Operates 24 h. Year round.
354 G5413.31			041°10' 273.1m from front.	Oc Y 3s	19.0	15	Cylindrical tower, white daymark, red vertical stripe.
354.9	Fraser River ODAS buoy	49 08 54.8 123 02 19.0	FL Y 12s	.....	.....	ODAS.	Private. Year round.  Chart:3490 Edn 11/15 (P15-075)
356	Purfleet Point range	On W. extremity of Annacis Island. 49 09 33.2 122 58 52.6	Q Y 1s	7.8	11	Square skeleton tower on 9-pile dolphin, white daymark, red vertical stripe.	Year round.
				Q G 1s	7.8	4	
357		071°19' 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 Edn 02/14 (P13-041)
358	Fraser River light buoy S34	Opposite Purfleet Point. 49 09 22.5 122 58 55.8	Fl R 4s	.....	.....	Red, marked "S34".	Year round.  Chart:3490
359 G5413.34	City Reach Outbound range	49 09 10.9 122 57 13.0	Iso Y 2s	6.1	15	Centre pile on a 5 pile dolphin, white daymark, red vertical stripe.	Operates 24 h. Year round.
360 G5413.35			226°35' 108.9m from front.	Oc Y 3s	12.8	15	Square skeleton tower on a 9 pile dolphin, white daymark, red vertical stripe.
361	City Reach range 2	On S. bank of river. 49 09 17.9 122 56 41	Q Y 1s	13.4	13	Mast, Red daymark, white vertical stripe.	Operates 24 h. Year round.
362			095°20' 161m from front.	Iso Y 2s	19.2	15	Mast, red daymark, white vertical stripe.

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<b>FRASER RIVER</b>							
363	<b>Annieville Channel range</b>	On S. bank of river. 49 09 52.1 122 55 50	F Y .....	28.8	15	Mast.	Operates 24 h. Year round.
364		198°27' 266.7m from front.	F Y .....	66.8	15	Red and white square skeleton tower.	Operates 24 h. Year round.
<b>Chart:3490</b>							
365	Annacis Island Pile Wall South	S. end, pile wall. 49 10 21.3 122 55 39.9	Q G 1s .....	.....	3	3-pile dolphin, green, white and black square daymark.	Year round.
<b>Chart:3490 Edn 04/11</b>							
366.1	Annieville Channel Pile Wall South	S. end of pile wall. 49 10 49.7 122 55 09.8	Q R 1s	2.6	3	Mast.	Year round.
<b>Chart:3490 Edn 02/15 (P14-075)</b>							
366.3	Annieville Channel Pile Wall North	On N. end of pile wall. 49 10 57.2 122 55 05.8	Fl(2) R 6s	2.6	3	On 1-pile dolphin.	Flash 0.5 s; eclipse 1 s; flash 0.5 s; eclipse 4 s. Year round.
<b>Chart:3490</b>							
366.5	Annieville Rock Wall 1	S. side. 49 11 12.5 122 54 57.6	Fl R 4s	3.0	3	Mast, red and white triangular daymark.	Year round.
<b>Chart:3490</b>							
366.6	Annieville Rock Wall 3	Opposite Shoal Pt. 49 11 36.5 122 54 41.4	Q R 1s	2.4	3	Mast, red and white triangular daymark.	Year round.
<b>Chart:3490</b>							
366.7 G5413.46	Annieville Rock Wall 4	NE. of Shoal Pt. 49 11 47.2 122 54 29.0	Fl(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.
<b>Chart:3490 Edn 04/17</b>							
366.8	Annacis Island Pile Wall North	Shoal Point, Annieville Channel. 49 11 34.1 122 55 04.2	Fl G 4s .....	.....	4	Long pile of 7-pile dolphin, green, white and black square daymark.	Year round.
<b>Chart:3490 Edn 09/17 (P17-041)</b>							
367	Shoal Point	E. end of trifurcation wall. 49 11 44.2 122 54 55.9	Q G 1s	3.1	3	Mast on a 3-pile dolphin.	Year round.
<b>Chart:3490</b>							

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<b>FRASER RIVER</b>									
368	New Westminster Railway Swing Bridge	49 12 31.0 122 53 36.0	F	R- G	.....	9.1	.....	Centre span.	<b>Whistle.</b> Privately maintained. Year round.
			Fl	R	4s	27.4	.....	Extremity of pier.	<b>Siren.</b> Privately maintained.
	South Buttress	On upstream extremity of buttress.	F	R- G	.....	9.1	.....	.....	Visible to downstream traffic only. Privately maintained.
	North Buttress	On downstream extremity of buttress.	F	W	.....	3.7	.....	.....	Visible to upstream traffic only Privately maintained.
			F	W	.....	3.7	.....	.....	
			F	W	.....	6.7	.....	.....	
									<b>Chart:3490</b>
368.5	Brownsville light buoy S40	NE. of Pattulo bridge. 49 12 42.4 122 53 14.7	Fl	R	4s	.....	.....	Red, marked "S40".	Year round.
									<b>Chart:3490</b>
369	Port Mann Training Dyke Lower	On channel end of dyke. 49 12 53.8 122 53 06.1	Fl	G	4s	6.9	4	White square skeleton tower, green band at top on single-pile dolphin.	Year round.
									<b>Chart:3490</b> <b>Edn 07/12 (P12-028)</b> <b>Edn 06/14 (P14-036)</b>
370	Port Mann Training Dyke Upper	On channel end of dyke. 49 13 01.2 122 52 45.5	Q	G	1s	6.9	3	White square skeleton tower, green band at top on single-pile dolphin.	Year round.
									<b>Chart:3490</b> <b>Edn 06/14 (P14-034)</b>
371	Sapperton Bar Dyke	At W. end of S. wing of dyke. 49 13 10.2 122 50 53.9	Fl	G	4s	2.7	4	Mast on a 3 pile dolphin.	Year round.
									<b>Chart:3490</b>
380.5	Sturgeon Bank light buoy T10	WSW. Of Sea Island. 49 10 59.4 123 17 46.7	Fl	R	4s	.....	.....	Red, marked "T10".	Year round.
									<b>Chart:3463</b>
381	Westerly	Near NW. extremity of North Arm Jetty. 49 15 26.5 123 16 46.7	Fl(3)	W	12s	7.2	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. Radar reflector. Year round.
									<b>Chart:3491</b>
382 G5415	North Arm Breakwater	On breakwater. 49 15 15.5 123 16 02.9	Fl	G	4s	3.3	4	Mast, green, white and black square daymark.	Year round.
									<b>Chart:3491</b> <b>Edn 04/11</b>
384 G5417	North Arm Third	On S. side of channel. 49 14 21.5 123 14 52.8	Fl	W	4s	6.5	3	Long pile of 3-pile dolphin, red and white triangular daymark.	Year round.
									<b>Chart:3491</b>

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FRASER RIVER

385 G5418	North Arm Inner (Easterly)	On S. side of channel at turn in North Arm Jetty. 49 13 38.9 123 13 41.7	Q R 1s	6.2	3	Long pile of 3-pile dolphin.	Year round.
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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.

(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  
1 - - -  
Eburne Bridge No. 5  
1 - - -  
B.C. Hydro Marpole Bridge, signal  
1 - - - -  
C.N. Railway Bridge  
1 - -

RESCINDING SIGNAL

(b)In the event of a vessel having signalled for the swing span to be opened, and for any reason (such as poor visibility) 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

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 is to face the vessel and swing the lantern in front of him at arm's length in vertical circles.