

the inner end of the wharf. It is noted on Chart No. 314, entitled 'Orignaux Point to Goose Island,' that the datum to which the soundings are reduced is 27 feet 11.5 inches below this Bench-mark. As our tidal observations showed Low Water at spring tides to be several feet above this, the attention of the Admiralty was drawn to the discrepancy; and they furnished the corrected value of 23 feet 1½ inches, in May last. It is to be noted that this does not affect the accuracy of the chart soundings themselves; but only the level of the Bench-mark to which they are referred for record. The level of Low Water for this chart is also referred to a Bench-mark at St. Jean Port Joli, as then mentioned.

Description.	Elevation. (Feet.)
Top of cap at the head of the wharf at Orignaux Point.....	105.37
Bench-mark as above. Elevation adopted .....	100.00
Extreme High Water; said to reach the top of sheet piling protection, about nine feet below top of cap. Corresponding elevation.....	96.00
Highest level of High Water recorded during the season of 1900, on July 15 and August 11.....	95.70
Admiralty Low Water datum; at 23 feet 1½ inches below the bench-mark.....	76.88
Extreme Low Water; said to lay bare the mud at inside angle of wharf the head. Corresponding elevation.....	74.90
Lowest level of Low Water recorded during the season of 1900, on September 10.....	74.80
Zero of Wharf Scale of tide gauge.....	69.97

*Rivière du Loup.*—The Admiralty Bench-mark is a 'broad arrow' cut into a vertical face of rock, facing north; at 100 feet westward of the centre of the flag pole which stands on the highest ground of Rivière du Loup Point, near the wharf.

On Admiralty chart No. 313, entitled 'Saguenay river to Orignaux Point,' the level of low water at ordinary spring tides is at 24 feet 2 inches below this Bench-mark.

Description.	Elevation. (Feet.)
Bench-mark as above. Elevation adopted .....	100.00
Exceptional level of High Water during the gale of September 12.....	93.50
Highest level of High Water, undisturbed by storms, during the season of 1900, on July 14.....	92.25
Admiralty Low Water datum, at 24 feet 2 inches below the bench-mark .....	75.84
Lowest level of Low Water recorded during the season of 1900, on September 10.....	73.70
Zero of Wharf Scale of tide gauge.....	71.43

*Father Point.*—The Bench-mark established here by this Survey for reference in the tidal observations, is the head of a copper bolt, let into a level surface of solid rock at 43 feet to the east of the lighthouse. A constant datum level is maintained with reference to this Bench-mark, for the reduction of the tidal observations. For comparison, during this season, we need only give at present the levels of the highest and lowest tides observed, between May 1 and October 15,

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