(This elevation of 81.40 should be the same as the Low-water
datum of the Chart of Pictou harbour, as nearly as can
be ascertained by observations of these three seasons).

Lowest Low Waters recorded by the gauge in each of the
three seasons, between the dates already given:—

Season of 1896, on June 26..	80.25
Season of 1897, on November 27..	80.15
Season of 1901, on May 20..	80.02
Zero of the scale of the tide gauge in 1896..	80.16
,, ,, ,, in 1901, set six	
inches lower than in 1896..	79.66

The weather conditions at the dates of the above exceptional high
waters in Northumberland Strait, are given in the Tidal Survey
Report, of November, 1902; and in it a comparison is also given of
extreme tide levels, to show the relation of the ranges in Cabot and
Northumberland Straits.

Souris, P.E.I.—Circular hole cut in red sandstone and marked
" B.M.," about 90 yards west of shore end of Knight's wharf.   Zero
of the gauge at 6.00 feet below this mark.

Port aux Basques, Newfoundland.—This is the nearest harbour to
Cape Ray, at the south-west angle of Newfoundland.   The point
here used as a Bench-mark, is the top of an iron eye-bolt, let into
the rock, six feet west of the north-west corner of E. Pike's fish
store; at the head of the Government wharf.

(For the tide levels referred to this Bench-mark, see Tidal
Survey Report of November, 1902.)

At the two permanent tidal stations which command the two
entrances to the Gulf of St. Lawrence, the following Bench-marks
were established and have been used for reference throughout the
series of observations, since their commencement in 1893 and 1894.
. Accurate values for mean sea level, extreme tides, etc., can thus be
derived from the tidal record.

St. Paul Island, Cabot Strait.—Surface of the plate of the dipleid-
oscope, on top of the iron column supporting it; elevation, 100.06.
(Originally 100.00, but raised by frost in successive years to this ele-
vation.)   Bench-mark cut on the face of the cliff at the tide gauge
in 1893; elevation, 39.92.   Copper bolt drilled into a level bench of