

Chronometers and Watches repaired, at COGSWELL'S.

PICKFORD & BLACK, W. I. S. S. Line between Halifax and Bermuda.

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ROBERT H. COGSWELL'S

[1898

about $\frac{1}{2}$ mile S. of St. Peter's Spit Buoy, and followed due north to Causeway Point, where the course up the harbour can be judged by the town lights.

ST. PETERS ISLAND, on S. side of Island, Hillsborough Bay. Lat N. $46^{\circ} 7' 20''$, lon $63^{\circ} 11' 35''$ W., fixed red dioptric light, 70 feet high, visible 10 miles. White, square wood building 38 feet high. Shows between W. $\frac{1}{2}$ S. and S. E. by S. over an arc of 240° . To be changed to an occulting white light

LEARD'S RANGE, CRAPAUD, west end of bridge, at head of harbour. Lat. N. $46^{\circ} 13' 15''$, lon. $63^{\circ} 29' 10''$ W. Fixed white catoptric light, 41 feet high, visible 6 miles. White, with red diamond on side facing channel, square, wood building, 38 feet high. Light visible from all points of approach.

Inner range light, about $\frac{1}{2}$ mile N. from outer one. Fixed white catoptric light, 60 feet high, visible 6 miles. Shown from dormer window of a house. Day beacon of slatwork, 20 ft. high by 12 wide, painted white, shows above ridge of house. To enter Crapaud Harbour from the Strait of Northumberland vessels should bring the Leard's range lights into alignment and keep them in one on a N. course until the lights of Wright's range are in alignment, when they should follow this range N. W. $\frac{1}{4}$ N. until the red light in Palmer's wharf is in alignment with the front light of Leard's range. These two in one will lead in from the black buoy at the entrance to the dredged cut, through the cut to the wharves N N E, but strangers entering at night are advised to anchor in the road at this last described turning point near the black buoy, as they will be in good anchorage inside Tryon Shoals, while it is not safe to attempt the dredged cut at night.

TRYON SHOAL WHISTLING BUOY, in $5\frac{1}{2}$ fathoms, off south extremity. Lat. N. $46^{\circ} 8' 55''$, lon. $63^{\circ} 31' 48''$ W. Brown iron buoy with "Tryon Shoal Buoy" in white; surmounted by 10 inch whistle. Left to starboard going up strait to North Westward.

From the buoy Crapaud Chapel N. E. $\frac{1}{4}$ E. $5\frac{1}{2}$ miles, just open of range light on point and Carleton Point N. N. W. $\frac{1}{2}$ W. $9\frac{3}{4}$ miles just open of C. Traverse.

SEA COW HEAD, lat. N. $46^{\circ} 19' 10''$, lon. $63^{\circ} 48' 25''$ W. Fixed white catoptric, visible 15 miles. White, octagonal, wood building, white dwelling near by.

INDIAN POINT, E. edge of shoal, on S. side of channel, in Bedeque Bay. Lat. $46^{\circ} 22' 50''$ N., lon. $63^{\circ} 48' 45''$ W. Fixed white catoptric with green sector, 48 feet high, visible 13 miles. White octagonal wood building on a circular stone pier. Green between E. by N. $\frac{1}{2}$ N. and E. S. E. over Miscoche Shoals only.

SUMMERSIDE, railway wharf, Bedeque Bay, fixed red in line of range, white in harbour, square tower on roof of railway freight shed.

Back range, $\frac{3}{4}$ mile E $\frac{1}{4}$ S from front light, fixed red, 65 feet high, white square wood, open frame work, boarded in front and surmounted by a red lantern.

After Indian Point light is abeam, haul in E. by S. until range lights are in one, and keep alignment up to railway wharf.

CAPE EGMONT, on point, lat. $46^{\circ} 24' 20''$ N., lon. W. $64^{\circ} 7' 45''$; fixed red catoptric, 72 feet high, visible 10 miles. White square wood building, 45 feet high, with dwelling attached.

WEST POINT, on Sand Beach, lat. $46^{\circ} 37' 30''$ N., lon. $64^{\circ} 23' 20''$ W, Red and white catoptric light, revolving $22\frac{1}{2}$ secs. One red and three white flashes in $1\frac{1}{2}$ minutes. Visible 13 miles. Broad red and white horizontal bands, square, wood with dwelling attached, 67 feet high.

West Point whistling buoy, painted red, in 13 fathoms water $\frac{3}{4}$ mile W. of the middle of the outer shoal. From the buoy West Point light bears S. E. by S. $5\frac{1}{4}$ miles, and Wolfe Point E. by S. 5 miles.

Macdonald & Co., Steam Wrecking Pumps for Sale or Hire.—See page 4 cover.