

Fog Signals.

These will be sounded day and night during the continuance of thick weather or snow-storms.

No.	Date.	Name of Place.	Description of Signal.	Intervals of Sound.
1	1877	Cape St. Francis.	Powerful <i>Siren Trumpet.</i>	Sounded five seconds, silent five seconds; sounded five seconds, and silent forty-five seconds in each minute.
1	1883	Green Island, Catalina.	<i>Champion Fog Horn.</i>	Sounded for ten seconds with intervals of silence of thirty-seven seconds.
		Fort Amherst.	Three pound charge from a 32-pounder gun.	During daylight and when Cape Spear is enveloped in fog this will be discharged every hour. A Continuous Mechanical Fog Horn will be sounded between the intervals of firing the fog gun, in reply to a vessel's gun or whistle. A vessel's gun will be answered by two guns.
2	1878	Cape Spear.	<i>Compressed Air Trumpet.</i>	Sounded for 7 seconds in each minute. House 600 yards N.N.E. of the light-house. This alarm is seldom heard to the southward of its position.
1	1872	Cape Race.	Powerful 10-inch <i>Steam Whistle.</i>	Sounded for ten seconds, with intervals of silence of fifty seconds in each minute.
1	1882	Powles Head, near Trepassey.	<i>Courtenay Automatic Whistling Buoy.</i>	Bearings from the Buoy, Powles Head, N.E., distant $1\frac{1}{2}$ miles. Cape Wine W. $\frac{1}{2}$ S., Freshwater Point S.E. $\frac{1}{4}$ E. The buoy will be taken in at the commencement of winter, and re-moored in the spring as early as the weather will permit.

N.B.—The attention of Mariners is particularly called to the extreme *uncertainty* there is in the range of sounds. A signal that may not be heard under certain conditions of the atmosphere more than one or two miles, will under others reach twenty or more miles.

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