

**53.—Canadian Wrecks and Casualties for the years ended June 30, 1870-1900  
and for 1901-1908.**

Year.	Casualties.	Tonnage.	Lives lost.	Damages.	Year.	Casualties.	Tonnage.	Lives lost.	Damages
	No.	Tons.	No.	\$		No.	Tons.	No.	\$
1870-1900.	9,670	3,577,367	5,096	61,525,760	1911..	271	122,619	48	942,093
1901.....	136	47,181	126	285,782	1912..	293	269,569	59	1,053,768
1902.....	222	105,814	132	835,916	1913..	275	270,905	160	1,963,870
1903.....	237	162,297	32	409,991	1914..	255	210,368	1,083 <sup>1</sup>	4,983,775
1904.....	192	81,143	9	489,699	1915..	280	214,036	70	1,459,012
1905.....	178	79,588	15	621,267	1916..	308	242,996	67	1,377,442
1906.....	220	139,586	149	573,420	1917..	239	715,384	152	4,850,142 <sup>2</sup>
1907.....	317	131,441	55	672,466	1918 <sup>3</sup> ..	236	312,928	402 <sup>2</sup>	1,818,958
1908.....	307	120,269	34	1,390,891	<b>Totals</b>	<b>14,290</b>	<b>7,204,962</b>	<b>7,814</b>	<b>87,955,801</b>
1909.....	343	189,906	24	1,131,966					
1910.....	321	211,565	101	1,569,580					

<sup>1</sup>Includes 1,042 lives lost in the "Empress of Ireland" disaster. <sup>2</sup>Excluding damage to cargo estimated at \$4,310,350. <sup>3</sup>Includes 328 lives lost in the "Princess Sophia" disaster. <sup>4</sup>1918 calendar year.

**54.—Comparative Statement of Marine Danger Signals, 1908-1918.**

Description.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Light stations....	957	946	969	952	—	—	—	—	—	—	—
Lights.....	1,162	1,193	1,227	1,291	1,452	1,393	1,461	1,521	1,555	1,560	1,575
Lightships.....	11	11	12	13	12	12	12	12	12	12	9
Lightboats.....	2	2	2	1	1	1	1	1	1	1	1
Light keepers....	914	923	961	976	975	1,020	1,040	1,066	1,099	1,126	1,128
Fog whistles....	13	15	14	14	13	14	13	11	11	11	11
Sirens.....	3	3	3	2	2	2	2	2	2	2	2
Diaphones.....	51	65	72	82	83	89	98	105	110	113	124
Fog bells.....	19	20	20	23	29	26	26	29	31	32	30
Hand fog horns..	111	108	121	129	137	145	150	148	151	156	154
Hand fog bells..	3	4	4	3	2	3	3	3	3	3	5
Gas and whistling buoys.	213	234	254	260	281	299	319	336	327	330	334
Whistling buoys.	20	23	24	28	27	29	30	31	31	32	32
Bell buoys.....	52	58	50	55	65	71	82	86	89	87	87
Submarine bells.	9	9	9	10	10	10	13	21	22	22	13
Fog guns or bombs.....	7	7	7	8	9	9	9	9	8	8	8
Fog horns.....	24	20	17	12	14	11	12	10	7	5	3
Fog alarm stations.....	8	9	9	9	9	12	11	12	13	13	13
Gas beacons....	25	27	32	—	—	—	—	—	—	—	—

NOTE.—Besides the foregoing, in 1918 there were 102 lighted spar-buoys, floats and dolphins, 4,933 unlighted buoys and 368 unlighted dolphins, spindles and beacons.

**55.—Revenue of the Department of Marine, 1914-1918.**

Heads of Revenue.	1914.	1915.	1916.	1917.	1918.
	\$	\$	\$	\$	\$
Harbours, piers and wharves.....	31,802	34,013	57,829	86,110	95,259
Earnings of Dominion steamers.....	28,653	35,579	35,071	22,802	9,581
Retired pilot's fund.....	5,697	5,949	5,669	5,230	5,316
Steamboat inspection fund.....	3,556	4,065	3,877	2,618	1,589
“engineers' fees.....	1,865	1,642	1,415	1,419	1,204
Sick mariners' fund.....	70,541	72,525	72,546	76,994	63,636
Examination masters and mates.....	5,549	4,546	4,828	4,600	4,486
Casual revenue, sundries.....	68,188	143,588	279,878	373,314	46,225
Sale of steamer "Earl Grey".....	—	493,000	—	—	—
Miscellaneous.....	1,183	643	744	1,411	1,516
<b>Total revenue.....</b>	<b>217,034</b>	<b>795,550</b>	<b>461,457</b>	<b>574,498</b>	<b>288,812</b>