

The casualties, which were about fourteen to every million tons of shipping engaged in the 1870-74 period, about twenty in every million tons in 1875-79 period, fourteen in 1880-84, ten in 1885-89, were under three in the 1890-93 period. The loss of life, which was thirteen for every million tons of shipping in 1870-74, eleven in 1875-79, under ten in 1880-84, four in 1885-89, was but little over one life for every 1,500,000 tons engaged in 1890-93.

1054. Particulars of the operations of the Meteorological Service, which have such an intimate connection with the welfare of our sailors and our ships, are given on page 89.

1055. The following is a general summary of the expenditure of this department during the years ended 30th June, 1890, 1891, 1892 and 1893. There was a decrease in 1892 of \$12,707, but as \$54,773 of the expenditure in 1891 was for the construction of the steamer "Quadra" and \$18,493 was charged to the same account in 1892, there was really an increase in the ordinary expenditure in 1892 over that of 1891 of \$23,573, and in 1893 over that of 1892 of \$39,172.

EXPENDITURE OF THE DEPARTMENT OF MARINE.

| Heads of Expenditure. | 1890. | 1891. | 1892. | 1893. |
|--|---------|---------|---------|---------|
| | \$ | \$ | \$ | \$ |
| Departmental salaries..... | 42,836 | 43,254 | 43,195 | 45,801 |
| Maintenance of lights..... | 437,235 | 455,254 | 462,198 | 470,760 |
| Construction..... | 23,863 | 32,242 | 35,804 | 27,475 |
| Dominion steamers..... | 114,959 | 111,437 | 127,406 | 146,522 |
| Construction and repairs to str. "Quadra"..... | | 54,773 | 18,493 | 16,576 |
| Examination of masters and mates..... | 4,118 | 4,255 | 4,364 | 4,117 |
| Marine hospitals..... | 41,729 | 35,155 | 34,107 | 35,757 |
| Meteorological service..... | 58,452 | 62,457 | 65,706 | 64,166 |
| Signal service..... | 4,977 | 4,701 | 5,014 | 5,041 |
| Rewards for saving life..... | 8,151 | 4,952 | 6,399 | 7,433 |
| Georgian Bay survey..... | 17,969 | 17,677 | 16,451 | 17,542 |
| Water police..... | 21,788 | 7,874 | 6,162 | 5,436 |
| Steamboat inspection..... | 20,990 | 22,184 | 22,737 | 24,387 |
| Winter mail service, P.E.I..... | 2,753 | 7,013 | 3,309 | 4,377 |
| Miscellaneous..... | 7,598 | 10,906 | 10,082 | 23,292 |
| Total..... | 807,418 | 874,134 | 861,427 | 898,682 |