

- Canceaux - Armed survey ship, 20 gun, 1764; 226 T, 80 ft; all service was by Quebec, where sold in 1783
- Captain - 3 Rate, 60 gun, 1743 (1760); 1230 T, 151 ft; in 177? (date mutilated in Colledge) it supposedly became a storeship and renamed "Buffalo"; however, as "Buffalo" appears in the Dogger Bank Battle of 1781 still as a combat vessel; scrapped, Oct 1783
- Carcass - Bomb, 8 gun, 1759; 309 T, 92 ft; to 1784
- Carnatic - 3 Rate, 74 gun, Jan 1783; 1720 T, 172 ft; to 1815 (as "Captain")
- Carolina - Armed ship, 20 gun; probably ex American; existed until 1784 (?)
- Carysfort - 6 Rate, 28 gun, 1766; 586 T, 118 ft; to 1813
- Castor - 5 Rate, 36 gun; dimensions ?; ex Dutch, taken by "Flora" in May 1781; soon (in June 1781) was captured in turn by the French "Friponne", off Cadiz
- Catherine - Yacht, 8 gun, 1674 (as "Katherine") (1720); 166 T; to 1801
- Cato - 4 Rate, 50 gun, May 1782; 1062 T, 146 ft; foundered while going to India in 1783
- Caton - 3 Rate, 64 gun; 1407 T, 166 ft; ex French, taken in the Mona Passage (Caribbean) in April 1782; to 1815
- Centaur - 3 Rate, 74 gun, 1759 (ex French); 1739 T, 175 ft; foundered off Newfoundland Banks in Sept 1782
- Centurion - 4 Rate, 50 gun, 1774; 1044 T, 146 ft; to 1824
- Cerberus - 6 Rate, 28 gun, 1758; 593 T, 119 ft; abandoned and burnt at Rhode Island in Aug 1778
- Cerberus - 5 Rate, 32 gun, July 1779; 701 T, 126 ft; wrecked near Bermuda, 1783
- Ceres - Sloop, 18 gun, March 1777; 361 T, 108 ft; renamed "Raven" in July 1782; captured by French in the Caribbean, Dec 1781
- Ceres - 5 Rate, 32 gun, Sept 1781; 629 T, 129 ft; to 1804
- Chameleon - Sloop, 14 gun, March 1777; 307 T, 97 ft; foundered in a Caribbean hurricane, Oct 1780
- Chameleon - Brig-Sloop, 16 gun, 1780; 267 T, 78 ft; sold, May 1783
- Champion - 6 Rate, 24 gun, May 1779; 519 T, 114 ft; to 1816
- Charity - Sloop, ? gun (Canadian flotilla), 1770; lost on Lake Niagara, 1777
- Charlestown - 6 Rate, 28 gun; 514 T, 114 ft; ex USS "Boston", taken at Charleston in May 1780; sold, April 1783
- Charon - 5 Rate, 44 gun, Oct 1778; 91 T, 140 ft; burnt at Yorktown (Virginia), Oct 1781
- Charon - 5 Rate, 44 gun, May 1783; 889 T, 140 ft; to 1800
- Chaser - Sloop, 18 gun, Jan 1781; bought in India; 320 T, 99 ft; captured by French in Bay of Bengal, Feb 1782; retaken by English, March 1783; to 1784
- Chatham - Yacht, 6 gun, 1741; 74 T, 59 ft; to 1867
- Chatham - 4 Rate, 50 gun, 1758; 1052 T, 147 ft; to 1805
- Cherokee - Armed ship, 6 gun, 1774; 177 T, 76 ft; in April 1777 became a transport and renamed "Despatch"; sold, Feb 1783
- Chichester - 3 Rate, 70 gun, 1753; 1401 T, 160 ft; stayed in reserve, 1775-83; to 1803
- Childers - Brig-Sloop, 14 gun, Sept 1778; 202 T, 80 ft; to 1811