Canadians enrolled as Probationary Flight Lieutenants in the Royal Naval Air Service, before recruiting for the Royal Air Force began in Canada. More than 500 Canadians holding commissions in the Royal Naval Volunteer Reserve were in the British Auxiliary Patrol and similar services.

Naval Air Service.—The Royal Canadian Naval Air Service was established in the summer of 1918, with stations at Halifax and North Sydney. It co-operated with the United States Naval Aviation Corps in patrolling the coast and escorting convoys through the danger zone.

Wireless Service.—The Canadian Radiotelegraph Service controlled about 200 stations ashore and afloat. Several new stations were erected or taken over by the Department of Naval Service, and there was an unbroken chain of radio communication from St. John's, Newfoundland, to Demerara. The Department opened a training school for wireless operators, from which about 200 men were sent out for service in all parts of the world.

Dockyards.—Important refitting, repairing and supply work was done by the Canadian dockyards. Large refits of Imperial and other ships were made at Esquimalt, including H.M.S. Kent, after the battle of the Falkland Islands, and the Japanese Battleship Asama, after grounding on the coast of lower California. Several large cruisers were refitted at Halifax and Montreal. Other work included the defensive armament of merchant ships, the refitting of transports for troops, horses, and special cargo, and the loading and securing on ships' decks of 600 launches, tugs, etc., of large size.

The Halifax dockyard was seriously damaged by the explosion in the harbour on December 6, 1917, but immediate steps were taken to enable the services of the yard to be carried on.