

= Russian submarine AG @-@ 22 =

The Russian submarine AG @-@ 22 was an AG @-@ class submarine , designed by the American Holland Torpedo Boat Company / Electric Boat Company , built for the Imperial Russian Navy during World War I. The submarine was fabricated in Canada , shipped to Russia and reassembled for service with the Black Sea Fleet . Her reassembly was completed in 1919 by the White Movement during the Russian Civil War , and she joined Wrangel 's fleet as it evacuated the Crimea in 1920 and was interned in Bizerte , Tunisia in 1921 . AG @-@ 22 was abandoned there and subsequently scrapped .

= = Description = =

AG @-@ 22 was a single @-@ hulled submarine , with a pressure hull divided into five watertight compartments . The submarine had a length of 150 feet 3 inches (45 @.@ 8 m) overall , a beam of 16 feet (4 @.@ 9 m) and a draft of 12 feet 6 inches (3 @.@ 8 m) . She displaced 355 long tons (361 t) on the surface and 433 long tons (440 t) submerged . The AG @-@ class submarines had a diving depth of 164 feet (50 @.@ 0 m) and a crew of 30 officers and enlisted men .

The submarine had two three @-@ bladed propellers , each of which was driven by a 480 @-@ horsepower (360 kW) diesel engine as well as a 640 @-@ horsepower (477 kW) electric motors . This arrangement gave AG @-@ 22 a maximum speed of 13 knots (24 km / h ; 15 mph) while surfaced and 10 @.@ 5 knots (19 @.@ 4 km / h ; 12 @.@ 1 mph) submerged . She had a range of 1 @,@ 750 nmi (3 @,@ 240 km ; 2 @,@ 010 mi) at 7 knots (13 km / h ; 8 @.@ 1 mph) while on the surface and 25 nmi (46 km ; 29 mi) at 3 knots (5 @.@ 6 km / h ; 3 @.@ 5 mph) while submerged . Her fuel capacity was 16 @.@ 5 long tons (16 @.@ 8 t) of fuel oil .

The AG @-@ class submarines were equipped with four 18 @-@ inch (457 mm) torpedo tubes in the bow and carried eight torpedoes . For surface combat they had one 47 @-@ millimeter (1 @.@ 9 in) deck gun .

= = Construction and service = =

The Holland 602 design was widely exported during World War I and the Imperial Russian Navy ordered a total of 17 , in three batches , of a version known as the American Holland @-@ class (AG in Russian for Amerikansky Golland (American Holland)) . The submarines were to be built in Canada as knock @-@ down kits for assembly in Russia .

Steel for the first three submarines (AG @-@ 21 , AG @-@ 22 , and AG @-@ 23) of the second batch ordered by the Russians was assembled in Saint John , New Brunswick by May 1916 . Five months later , they were sent to Vancouver by rail in sections where they were loaded into ships and shipped to Vladivostok . There they were loaded onto the Trans @-@ Siberian Railroad and transported to Nikolaev where they were assembled by the Russud Shipyard . Assembly was delayed by the unrest caused by the Russian Revolution and the subsequent Russian Civil War and was not completed until 1919 . By this time , Nikolaev was controlled by the Whites and they took AG @-@ 22 with them when they evacuated the Crimea in late 1920 as part of what came to be called Wrangel 's Fleet . They ultimately were granted asylum in Bizerte in February 1921 . AG @-@ 22 was abandoned there in November 1923 and subsequently scrapped .