

= Japanese submarine I @-@ 179 =

The Japanese submarine I @-@ 179 (originally I @-@ 79) was a Kaidai type cruiser submarine of the KD7 sub @-@ class built for the Imperial Japanese Navy (IJN) during the 1940s . She was lost with all hands when a valve was accidentally left open during her sea trials in July 1943 . Her wreck was later salvaged and scrapped in 1957 .

= = Design and description = =

The submarines of the KD7 sub @-@ class were medium @-@ range attack submarines developed from the preceding KD6 sub @-@ class . They displaced 1 @, @ 862 metric tons (1 @, @ 833 long tons) surfaced and 2 @, @ 644 metric tons (2 @, @ 602 long tons) submerged . The submarines were 105 @. @ 5 meters (346 ft 2 in) long , had a beam of 8 @. @ 25 meters (27 ft 1 in) and a draft of 4 @. @ 6 meters (15 ft 1 in) . The boats had a diving depth of 80 m (260 ft) and a complement of 86 officers and crewmen .

For surface running , the boats were powered by two 4 @, @ 000 @-@ brake @-@ horsepower (2 @, @ 983 kW) diesel engines , each driving one propeller shaft . When submerged each propeller was driven by a 900 @-@ horsepower (671 kW) electric motor . They could reach 23 knots (43 km / h ; 26 mph) on the surface and 8 knots (15 km / h ; 9 @. @ 2 mph) underwater . On the surface , the KD7s had a range of 8 @, @ 000 nautical miles (15 @, @ 000 km ; 9 @, @ 200 mi) at 16 knots (30 km / h ; 18 mph) ; submerged , they had a range of 50 nmi (93 km ; 58 mi) at 5 knots (9 @. @ 3 km / h ; 5 @. @ 8 mph) .

The boats were armed with six internal 53 @. @ 3 cm (21 @. @ 0 in) torpedo tubes , all in the bow . They carried one reload for each tube ; a total of a dozen torpedoes . They were originally intended to be armed with two twin @-@ gun mounts for the 25 mm (1 @. @ 0 in) Type 96 anti @-@ aircraft gun , but a 120 mm (4 @. @ 7 in) deck gun for combat on the surface was substituted for one 25 mm mount during construction .

= = Construction and career = =

Built by the Kawasaki Dockyard Co. at their shipyard in Kobe , I @-@ 179 was laid down on 21 August 1941 under the name of Submarine No. 157 and renamed I @-@ 179 on 1 November 1941 . The boat was launched on 16 July 1942 and completed on 18 June 1943 . While conducting her sea trials in the Inland Sea on 14 July , she sank with the loss of all 85 officers and crewmen . Her wreck was located four days later at a depth of 81 meters (265 ft) at 32 ° 29 ' N 131 ° 54 ' W with several hatches and her bow buoyancy tank vent valve open . I @-@ 179 was struck from the Navy List on 15 April 1944 . Her wreck was salvaged from April 1956 to 1 March 1957 and scrapped at Kure .