

USS *Dogfish* (SS-350)

USS *Dogfish* (SS-350), a *Balao*-class submarine, was the only vessel of the United States Navy to be named for the dogfish.

Her keel was laid down on 22 June 1944 by the Electric Boat Company in Groton, Connecticut. She was launched on 27 October 1945 sponsored by Mrs. A. M. Morgan, and commissioned on 29 April 1946.

Dogfish sailed out of New London, Connecticut, on local duties and cruised to the Caribbean Sea and Bermuda to conduct training. She was overhauled and extensively modernized at the Philadelphia Naval Shipyard from August 1947 to April 1948, and then served in experimental projects as well as normal operations at New London. From 31 October to 19 November 1948 she took part in large-scale fleet exercises ranging from the waters off Florida to Davis Strait between Labrador and Greenland.

She cruised to Scotland, England, and France between 4 February and 3 April 1949 and joined in a convoy exercise off Cape Hatteras in February and March 1952, and operated along the east coast and in the Caribbean Sea during the next three years.

Dogfish sailed from New London on 1 March 1955 for her first tour with the Sixth Fleet in the Mediterranean Sea, returning to her home port 6 June. The submarine called at Halifax, Nova Scotia, from 4 June to 14 June 1956 during NATO Operation New Broom. On 8 November, she stood by and fought the fires on the trawler *Agda* during local operations out of New London. She cruised to Faslane Bay in Scotland between 31 January and 12 April 1958 to evaluate new equipment, and from 23 May to 8 August 1959 served in the Mediterranean Sea. In October and November, she took part in NATO antisubmarine warfare exercises. After extensive overhaul, the vessel resumed local operations from New London through 1960.

Transfer to Brazil

Dogfish was stricken from the Naval Vessel Register and sold to Brazil on 28 July 1972. She served the Brazilian Navy as *Guanabara* (S-10) until being deleted in 1983.



History	
	United States
Name	<i>USS Dogfish</i> (SS-350)
Builder	<u>Electric Boat Company</u> , <u>Groton, Connecticut</u> ^[1]
Laid down	22 June 1944 ^[1]
Launched	27 October 1945 ^[1]
Commissioned	29 April 1946 ^[1]
Stricken	28 July 1972 ^[1]
Fate	Sold to <u>Brazil</u> , 28 July 1972 ^[1]
	Brazil
Name	<i>Guanabara</i> (S-10)
Acquired	28 July 1972
Fate	Scrapped, 1983
General characteristics	
Class and type	<i>Balao</i> -class <u>diesel-electric submarine</u> ^[3]
Displacement	1,526 <u>tons</u> (1,550 t) surfaced ^[3] <div>2,424 tons (2,460 t) submerged^[3]</div>
Length	311 ft 9 in (95.02 m) ^[3]
Beam	27 ft 3 in (8.31 m) ^[3]
Draft	16 ft 10 in (5.13 m) maximum ^[3]
Propulsion	

References

- Friedman, Norman (1995). *U.S. Submarines Through 1945: An Illustrated Design History*. Annapolis, Maryland: United States Naval Institute. pp. 285–304. ISBN 1-55750-263-3.
 - U.S. Submarines Through 1945* pp. 305–311
 - Bauer, K. Jack; Roberts, Stephen S. (1991). *Register of Ships of the U.S. Navy, 1775–1990: Major Combatants*. Westport, Connecticut: Greenwood Press. pp. 275–280. ISBN 0-313-26202-0.
 - U.S. Submarines Through 1945* pp. 305–311
 - U.S. Submarines Since 1945* pp. 242
 - Friedman, Norman (1994). *U.S. Submarines Since 1945: An Illustrated Design History*. Annapolis, Maryland: United States Naval Institute. pp. 11–43. ISBN 1-55750-260-9.
- This article incorporates text from the public domain Dictionary of American Naval Fighting Ships. The entry can be found here (<http://www.history.navy.mil/danfs/d4/dogfish.htm>).*

External links

- John Bryan Rushing Jr - U.S.S. Dogfish crewman reminisces (45 minute video) ([http s://vimeo.com/150041365](http://s://vimeo.com/150041365))

	<div> <div>4 × <u>General Motors Model 16-278A V16 diesel engines driving electrical generators</u></div> <div>2 × <u>126-cell Sargo batteries</u></div> <div>4 × <u>high-speed General Electric electric motors with reduction gears</u></div> <div>2 × <u>propellers</u></div> <div>5,400 <u>shp</u> (4.0 <u>MW</u>) surfaced</div> <div>2,740 <u>shp</u> (2.0 <u>MW</u>) submerged</div> </div>
Speed	<div> <div>20.25 <u>knots</u> (37 <u>km/h</u>) surfaced^[2]</div> <div>8.75 <u>knots</u> (16 <u>km/h</u>) submerged^[2]</div> </div>
Range	<div> <div>11,000 <u>nm</u> (20,000 <u>km</u>) surfaced at 10 <u>knots</u> (19 <u>km/h</u>)^[2]</div> </div>
Endurance	<div> <div>48 <u>hours</u> at 2 <u>knots</u> (4 <u>km/h</u>) submerged^[2]</div> <div>75 <u>days</u> on patrol</div> </div>
Test depth	<div> <div>400 <u>ft</u> (120 <u>m</u>)^[2]</div> </div>
Complement	<div> <div>10 <u>officers</u>, 70–71 <u>enlisted</u>^[2]</div> </div>
Armament	<div> <div>10 × <u>21-inch</u> (533 <u>mm</u>) <u>torpedo tubes</u></div> <div> <div>6 <u>forward</u>, 4 <u>aft</u></div> <div>24 <u>torpedoes</u>^[4]</div> </div> <div> <div>1 × <u>5-inch</u> (127 <u>mm</u>) / <u>25 caliber deck gun</u>^[4]</div> <div><u>Bofors 40 mm</u> and <u>Oerlikon 20 mm</u> <u>cannon</u></div> </div> </div>
General characteristics (Guppy II)	
Class and type	<div> <div>none</div> </div>
Displacement	<div> <div>1,870 <u>tons</u> (1,900 <u>t</u>) surfaced^[6]</div> <div>2,440 <u>tons</u> (2,480 <u>t</u>) submerged^[6]</div> </div>
Length	<div> <div>307 <u>ft</u> (94 <u>m</u>) ^[5]</div> </div>
Beam	<div> <div>27 <u>ft</u> 4 <u>in</u> (8.33 <u>m</u>) ^[5]</div> </div>

Draft	17 ft (5.2 m) ^[5]
Propulsion	<p>Snorkel added^[6]</p> <p>Batteries upgraded to GUPPY type, capacity expanded to 504 cells (1 × 184 cell, 1 × 68 cell, and 2 × 126 cell batteries)^[6]</p> <p>4 × high-speed electric motors replaced with 2 × low-speed direct drive electric motors^[6]</p>
Speed	<p>Surfaced:</p> <p>18.0 knots (33.3 km/h) maximum</p> <p>13.5 knots (25.0 km/h) cruising</p> <p>Submerged:</p> <p>16.0 knots (29.6 km/h) for ½ hour</p> <p>9.0 knots (16.7 km/h) snorkeling</p> <p>3.5 knots (6.5 km/h) cruising^[6]</p>
Range	15,000 nm (28,000 km) surfaced at 11 knots (20 km/h) ^[5]
Endurance	48 hours at 4 knots (7.4 km/h) submerged ^[5]
Complement	<p>9–10 officers</p> <p>5 petty officers</p> <p>70 enlisted men^[5]</p>
Sensors and processing systems	<p>WFA active sonar</p> <p>JT passive sonar</p> <p>Mk 106 torpedo fire control system^[5]</p>
Armament	<p>10 × 21 inch (533 mm) torpedo tubes</p> <p>(six forward, four aft)^[5]</p> <p>all guns removed^[6]</p>

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