

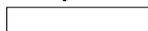
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Excerpt from

“Technical Services Staff Water-Air Division (TSS/WAD)
Class A and Class B Projects.
Equipment and/or Test Reports Available for Operational Use or Planning.”

1 July 1958



APPROVED FOR RELEASE □ DATE:
27-Oct-2011

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CATEGORY:

INFILTRATION/EXFILTRATION

NO: W-9

Date: 1 July 1958

CLASS: "A"

(Additional Data on Requests to KURIOT)

SUBJECT: Semi-Submersible "Skiff"

PURPOSE: For transporting an operator, 2 passengers, and 120 pounds of equipment in moderate to rough water for distances up to 110 miles.

CHARACTERISTICS: Operates in two conditions of trim; buoyant and semi-submerged

Wood and aluminum construction with plywood sheathing on bottom, sides, and deck.

Length 19-1/2', beam 5'3", draft; buoyant 2'8"; semi-submerged 3'8", weight 3650 pounds.

Speed in semi-submerged condition; full speed 4.7 knots; cruising speed 4.1 knots; slow speed 2.5 knots.

Designed to be cached in up to 30 feet of water for periods up to 3-4 weeks.

AVAILABILITY: One available in 3 months.

OPERATIONAL

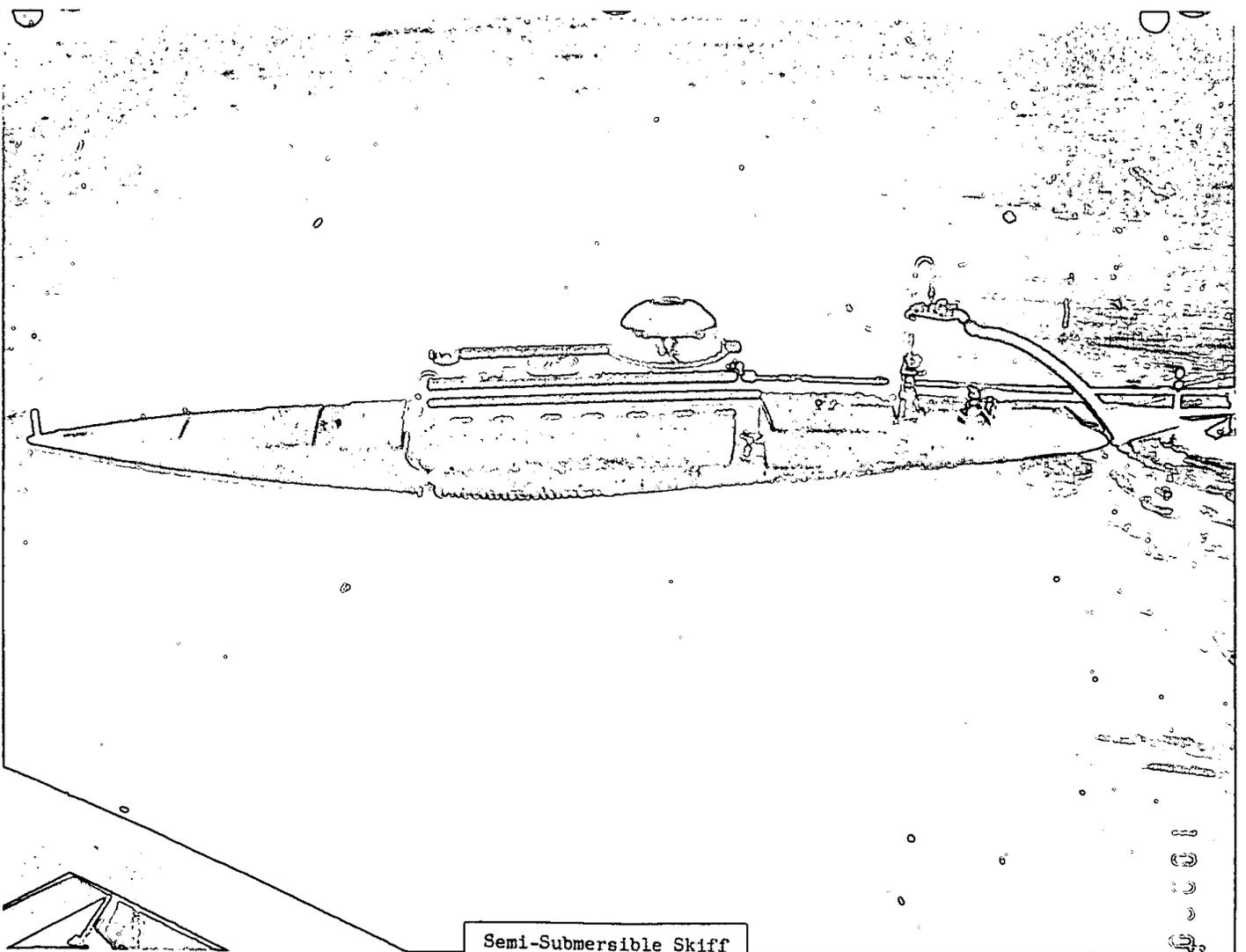
CAPABILITIES: This boat is remarkably stable, easy to maneuver and control. It has operated successfully in ocean swells of 6-8', with surface chop of 5' and winds of 30 knots. Sea-keeping qualities are excellent.

A number of radar detection tests, using various types of radar units have been conducted with this boat and radar detectability is less than that of a rubber boat, type RB-12. It is extremely silent acoustically and has been operated against various underwater hydro-phone equipment.

Further details available on request.

NO: W-9

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Semi-Submersible Skiff