

USNS GEN. JOHN POPE (T-AP 110)

c/o FLEET POST OFFICE

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From: Master, USNS GEN. JOHN POPE (T-AP 110)
To: Commander, Military Sea Transportation Service, Pacific

Subj: Underwater body painting; request for

Encl: (1) Specification for preparing and painting underwater body

1. Request at the forthcoming dry-docking of the vessel that the underwater body of the hull surfaces be prepared and painted as outlined in enclosure (1).
2. The sandblasting of the area of the hull to bare metal as requested in enclosure (1) is considered essential in order to remove the existing roots of the heavy marine moss growth below the waterline which appear imbedded in the paint and corrosion.
3. The light load line used to determine the upper limits of the anti-fouling paint is requested to be raised from the fifteen-foot, six-inch level above the keel to the twenty-foot level above the keel which is the actual light draft of the vessel, in order to meet the requirements of the USCG Stability Letter. This is expected to reduce the marine growth presently below the waterline which is retarding the vessel's normal cruising speed by 1.5 knots with 18 per cent slip in fair weather.

H. L. HEINZ

CC: Chief Engineer
USNS POPE

"Think Safety—Talk Safety—and Sell Safety"

USNS GENERAL JOHN POPE (T-AP 110)

PAINTING UNDERWATER BODY:

Prepare surfaces and paint underwater body from keel to upper boottopping limits as follows:

Remove all marine growth, scale, rust, loose paint, grease and all other foreign matter to bare metal, or firm paint film by sweep blast. In addition, sandblast the area of the hull to bare metal between the sixteen (16) foot level above the keel and the twenty-five (25) foot level above the keel and the keel block resting areas of the last dry docking. Wash down with fresh water all areas of the hull removing all dirt prior to applying primer paint to the hull. Clean and grease the fathometer plate prior to painting. Wipe fathometer plate clean of grease prior to floating of ship. After the surfaces of the hull have been prepared, prime all bare metal surfaces of the hull with one (1) coat of anti-corrosive paint, Maritime Specification 52-MC-401 except in stern areas specified in the following paragraphs.

Apply two (2) overall coats of anti-corrosive paint, Maritime Specification 52-MC-401 to the entire hull from keel to the twenty-five (25) foot level, except in way of rudder post, submerged portion of rudder, propeller hubs and the stern portion.

On stern areas as specified above, apply two (2) coats of electrical insulating paint, equal to Apexior No. 3.

Apply one (1) coat of anti-fouling paint to the entire hull from keel to the twenty (20) foot level. This includes the stern areas painted with electrical insulating paint. Anti-fouling paint shall be equal to Maritime Specification 52-MC-403A.

Apply one (1) overall coat of unthinned full body "Wetsall" #3240, or equal, to boottop area from the twenty (20) foot level to the twenty-six (26) foot level, followed by two (2) overall coats of unthinned full body commercial Marine Black boottopping paint, with final coat drying to a gloss finish. Sufficient drying time shall be allowed for the boottopping paint to properly dry prior to floating of ship.

Paint in all ship's marking prior to ship's floating.

Install spouts in way of overboard discharge to keep water and debris clear of ship's plating during the aforementioned work.

ENCLOSURE (1)