

GENERAL ORDER No. 2.
(Superseding previous order of same number.)

Division of Revenue-Cutter Service.



TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
Washington, June 7, 1909.

To Officers of the United States Revenue-Cutter Service:

1. Only such materials as are included in the formulæ given in the Naval Artificer's Hand-Book, 1908, and such ready-mixed paints as are herein specified will be authorized.

2. Metal or copper on all wooden hulls, or sheathed vessels, will be kept clean and bright above the water line by the usual well-known methods.

3. On steel or iron hulls the paint used on the bottom shall extend from 6 to 12 inches above the load water line.

4. Prepared smokestack paint will be authorized for use on the smoke pipe and in the engineer's department for use where exposed to extreme heat. Heat and oil proof paint will be allowed for use in the engineer's department on surfaces exposed to extreme heat and to the action of oil, but not for general painting. Prepared black paint will be authorized for use on the hulls of third-class vessels employed in harbor duty. All prepared paints asked for on requisition will be specified by the name of the manufacturer and by the brand.

5. Hulls of third-class vessels employed on harbor duty shall be painted black above the water line, but in all other respects shall be painted in accordance with the regulations prescribed for larger vessels of the service.

To be painted white.

6. All hulls, except those of third-class vessels employed on harbor duty and that of the derelict destroyer, from the painted water line or metal up, including rails;

Bowsprit and its gear;

Anchors and visible parts of chains (from hawse pipes to anchors);

Boom ladders and pendants;

Bulwarks inside;
 Bulwark stanchions;
 Deck houses, to and including covering boards on tops of houses;
 Awning ridgepoles;
 Awning stanchions, below rails;
 Boat davits, below rails;
 Anchor davits, below rails;
 All topgallant or monkey rails;
 All iron hand rails (hand rails where paint is liable to be worn off should be canvas covered);
 Flagstaffs, below rails;
 House and hatch coamings;
 Skylight frames and companion ways, if of iron.

To be painted regulation straw color.

7. Awning stanchions, above rails;
 Boat davits, above rails;
 Anchor davits, above rails;
 Gallows frame, above rails;
 Smoke pipe and umbrella, except a ring extending one-third the diameter of the pipe down from top, which shall be painted black;
 Guys, of every description;
 Boat davit spans;
 Ventilators, inside of cowls to be painted vermilion;
 All masts (except those parts whereon yards are hoisted or hoops travel, which shall be kept bright and greased);
 Doublings of masts, and poles;
 Yards;
 Gaffs;
 Blocks;
 Flagstaffs (above rails);
 Waterways;
 Covering boards (inside);
 Windlasses and capstans;
 Iron cavils;
 Bollards;
 Rails on third-rate vessels employed on harbor service;
 All tops of deck houses and pilot houses, when canvas covered.

WOODWORK TO BE KEPT BRIGHT.

8. Topgallant and quarter rails of mahogany or other hard wood;
 Hurricane-deck rails, hand rails, and stanchions to same;
 Swinging booms;
 Hatch covers, movable and others;

Skylights, frames, and companion ways, if of wood;
 Sash;
 Blinds;
 Gratings;
 Corners of deck houses, if of wood;
 Berth decks;
 Deck ladders and steps;
 Side ladders and steps;
 All boat gunwales;
 All boat gratings;
 All seats on boat thwarts between the boat knees;
 All stern sheets (seats);
 All backboards;
 All boat spars and stretchers;
 All boat flagstaffs above gunwales;
 All water breakers;
 Oars are to be kept bright and clean with sand and canvas. Sand-
 paper may be used on oars, but they are never to be scraped.

BOATS.

9. All boats will be painted white outside, and inside to bends;
 Inside bottoms of boats to bends shall be painted regulation yellow.

STANDING RIGGING.

10. The lanyards, service, and seizings of standing rigging, and other exposed hemp rope, shall be tarred or blacked at least once every six months. The exposed parts of wire standing rigging, and other wire rope (except as otherwise provided in this order), shall be painted lead color as often as may be necessary to prevent them becoming rusty.

EXTERIOR GILT WORK.

11. Eagles on pilot houses of third-class vessels (now on);
 Figureheads and scroll work on headboards;
 Trucks and balls;
 Letters and arrows on bows of gigs;
 Letters on other boats shall be painted blue;
 One-quarter inch cove on gig below the bright gunwale;
 Name of vessel, as *Mohawk*, *Tahoma*, etc., in 6-inch block letters one-half inch thick, bottoms of letters to rest upon a line drawn on stern bulwarks parallel with the rail, and three-quarters of the distance down from the taffrail to the covering board.
12. Decks shall never be painted except by express authority of the department. Berth decks will be carefully cleansed and given

three coats of shellac, carefully and evenly applied, each coat to be hard and dry before the next is applied, after which light touching up weekly will keep them in order.

13. Outside of hulls will be painted three times each year if necessary, but with ordinary care twice should be sufficient.

Deck houses and other deck work will be painted once each year, care being taken in all cases that all surfaces are carefully cleaned and smoothed before paint is applied. All paint work should be touched up as frequently as necessary to keep it in proper condition.

The use of putty to fill nail holes is prohibited, and beeswax is hereby substituted therefor. To prevent beeswax melting when thus used in hot climates or hot weather, a little resin should be mixed or rolled into it before using.

14. The holds, bunkers, and bilges of iron vessels will be painted with red lead.

15. All finished brass hand rails and other brass work except skylight rods will be kept bright and polished. Skylight rods fitted in wooden frames will be painted vermilion. Skylight rods fitted in metal frames will be kept bright and polished.

16. The general instructions as to painting, and the formulæ given in the "Naval Artificer's Hand-Book, 1908," will be followed wherever the same do not conflict with the regulations of the service and this order.

C. D. HILLES, *Assistant Secretary.*