

MIL-C-15452C(SHIPS)
AMENDMENT - 3
2 January 1968

SUPERSEDING 1/
Amendment - 2
15 May 1964

MILITARY SPECIFICATION

CABLE, SPECIAL PURPOSE (TOW), ELECTRICAL,
COAXIAL, LEAD SHEATHED, NYLON COVERED

This amendment forms a part of Military Specification MIL-C-15452C(SHIPS), 31 May 1963.

Page 1, paragraph 3.2, line 6: Delete "wrapping".

Page 1, paragraph 3.2.3, second sentence: Delete and substitute:
"This conductor shall consist of 24 wires, each wire having a diameter of 0.0116 inches and having a maximum d.c. resistance of 3.82 ohms per 1000 feet at 25°C."

Page 2, paragraphs 3.3 and 3.4: Delete and substitute:

"3.3 Lead sheath.- The lead sheath conforming to grade B of QQ-L-171 shall be extruded concentrically over the outer layer of armor. The lead sheath shall be firmly composited with the armor. The outside of the lead sheath shall be knurled along the length of the sheath such that a minimum of 75 percent of the circumference shall be covered with a knurl having a pitch of approximately 30 and a depth of approximately 0.006 inch. The lead sheath shall remain concentric and the diameter shall be 0.410 plus or minus 0.010 inch after knurling. The purpose of this knurl is to prevent the outer nylon covering from slipping radially and lengthwise. The best available method of accomplishing an adequate knurl shall be utilized.

"3.4 Nylon covering.- Nylon covering shall be Dupont Zytel 37X, or equal, pigmented or dyed black. The applied sheath shall be 0.025 inch thick minimum, and shall be concentric with the cable in accordance with MIL-C-915. The outside diameter, after application of covering, shall be 0.480 inch maximum."

Page 2, paragraph 3.5: Add "Reproduction of the underlying knurl on the exterior of the nylon covering is acceptable, provided it does not exceed 60 microinches per 1/2 inch."

1CHANGES FROM PREVIOUS ISSUE.- THE OUTSIDE MARGINS OF THIS DOCUMENT HAVE BEEN MARKED "#" TO INDICATE WHERE CHANGES (DELETIONS, ADDITIONS, ETC.) FROM THE PREVIOUS ISSUE HAVE BEEN MADE. THIS HAS BEEN DONE AS A CONVENIENCE ONLY AND THE GOVERNMENT ASSUMES NO LIABILITY WHATSOEVER FOR ANY INACCURACIES IN THESE NOTATIONS. BIDDERS AND CONTRACTORS ARE CAUTIONED TO EVALUATE THE REQUIREMENTS OF THIS DOCUMENT BASED ON THE ENTIRE CONTENT AS WRITTEN IRRESPECTIVE OF THE MARGINAL NOTATIONS AND RELATIONSHIP TO THE LAST PREVIOUS ISSUE.

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Page 2, paragraph 4.3: Add "A similar inspection of the cable construction shall be performed after a cold bend test on a 5-foot section of completed cable in accordance with MIL-C-915 around a 6-inch diameter mandrel."

Preparing activity:
Navy - Ships
(Project 6145-N032)