



DEFENSE LOGISTICS AGENCY

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August 28, 2018

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Engineering Practice Study (EPS), Survey of Interested Parties and Upcoming standardization actions for MIL-DTL-83538 document family on preference to either update, convert from Qualified Products List (QPL) to First Article Test (FAT) specification, or Cancellation. Project Number 5935-2018-106.

This memorandum is a final report on the subject Engineering Practice Study. The EPS sought feedback and comments to gauge interest in MIL-DTL-83538, "Connectors and Accessories, Electrical, Circular, Umbilical, Environment Resistant, Removable Crimp Contacts for MIL-STD-1760 Applications (METRIC), General Specification for" and associated specification sheets. Due to the military department (Custodians and Review Activities) consensus to cancel the documents, and due to the lack of response from interested parties that participated in development in the subject documents, this office will take action to draft cancellation notices for this family of documents.

The final report of this document is available for viewing or downloading from our website at the following internet links: <https://landandmaritimeapps.dla.mil/programs/milspec/> or <https://landandmaritimeapps.dla.mil/programs/milspec/ListDocs.aspx?BasicDoc=5935EPStudies>. If you have any questions, please contact Mrs. Lisa Hoffer at the following phone numbers or email address: 614-692-7702, fax: 614-692-6939, e-mail: Lisa.Hoffer@dlamail.

Sincerely,

/ **SIGNED** /

ABDONASSER M. ABDOUNI

Chief

Interconnection Branch

Attachment:

1. Final Report, Standardization Options

cc:

DSCC.Standardization@dlamail

ENGINEERING PRACTICE STUDY

**SUBJECT: FINAL REPORT ON PROPOSED STANDARDIZATION
OPTIONS FOR THE MIL-DTL-83538 DOCUMENT FAMILY**

STUDY PROJECT NUMBER 5935-2018-106

17 August 2018

FINAL REPORT – MIL-DTL-83538

**Study conducted by DLA Land and Maritime
Document Standardization Division (VA)
Interconnection Branch**

Prepared by:

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ENGINEERING PRACTICE STUDY

Survey of Interested Parties; MIL-DTL-83538 Document Family: Update, Convert from Qualified Product List (QPL) to First Article Test (FAT) Specification, or Cancel.

- I. OBJECTIVES: Survey qualified manufacturers, military users and other interested parties to reach a consensus on the following proposals for the MIL-DTL-83538 family of documents.
- II. BACKGROUND: MIL-DTL-83538, "Connectors and Accessories, Electrical, Circular, Umbilical, Environment Resistant, Removable Crimp Contacts for MIL-STD-1760 Applications (Metric), General Specification for". The subject document requires a QPL.

This document was originally created on 12 May 1994. It was last revised on 30 Oct 2006. To date, no manufacturer has expressed interest in qualifying their product to the associated Qualified Product List, QPL-83538.

The following standardization options were considered:

- 1) If a connector manufacturer submitted a letter of intent, indicating that the company is preparing to qualify prior to the end of calendar year 2018, then this office would propose revision of the document to bring it into compliance with the requirements of MIL-STD-961. The company would be required to submit a form 19P to the Qualifying Activity.
- 2) In the event that no letters of intent were received as referenced in 1), above, then this office requested feedback from all interested parties on a proposal to convert the specification from a QPL type specification to FAT requirements. Currently, the subject specification requires that connectors furnished to the specification shall be products that are authorized by the qualifying activity for listing on QPL-83538 prior to contract award (see MIL-DTL-83538, paragraph 3.2).
Conversion to a "FAT" document: See the Federal Acquisition Regulation (FAR) subpart 9.3, and also MIL-STD-961, paragraph 5.9.4.1, for more information on mil specifications that require "FAT". In this instance, the terminology for a "first article" inspection requirement indicates that this is a specification that can require qualification testing during preproduction, initial production, or both, prior to regular production. FAT is required to ensure that the contractor can furnish a product that meets the established specification requirements on a contract. For subsequent contracts, FAT inspection is often reduced or possibly waived for manufacturers with a proven record of providing product on a recent, previous contract.
- 3) If there is no interest in either option 1) or 2) above, then this office proposed cancelling MIL-DTL-83538 and the associated specification sheets.

III. SUMMARY OF COMMENTS: Through the ASSIST Document Coordination system, this office received concurrences from the USAF and Army custodians and review activities supporting cancellation of the subject documents, or option 3 above. This office also received support for option 3 from Army-CR via email. No other comments were received.

IV. CONCLUSIONS: The results of this EP Study are sufficient to support cancellation of MIL-DTL-83538 and all specification sheets within that document family.