

ENGINEERING PRACTICE STUDY
PROJECT NUMBER: 5998-2008-015

TITLE:

Review of Non-Government Standard (NGS) IPC-4412
To Determine The Validity Of Its DoD Adoption.

10 April 2008

FINAL REPORT

Prepared by:

David Corbett

ATTCH 1

I. **OBJECTIVES:** The objective of this study was to review reference document sections of all Federal Stock Classes (FSC) documents for guidance on retaining non-Government standard IPC-4412 as viable and appropriate for citing in electronic component standardization documents.

II. **BACKGROUND:** IPC-4412, "Specification for Finished Fabric Woven from "E" Glass for Printed Boards", was adopted on 26 February 2003 and the DoD notice of adoption has not been revised since that date. IPC-4412 was developed and published its non-Government standard body (NGSB), the IPC – Association Connecting Electronics Industries. The NGSB committee responsible for IPC-4412 meets regularly to maintain and keep current its contents. DSCC attends many of these meetings and makes comments to drafts in order to represent the DoDs position regarding IPC-4412. This study is part of a 5-year review of the DoD adoption notice for validity and accuracy, since the NGS document has already been adopted for use by the DoD.

III. **RESULTS:** A review using ASSIST to search for use of IPC-4412 within DoD documents resulted in no direct references by DoD standardization documents. This fact is acceptable. IPC-4412 is primarily used as a reference on printed board detail drawings that support the performance specifications MIL-PRF-31032, MIL-PRF-55110, and MIL-P-50884. A review of the actual notice of adoption that is on the ASSIST web site uncovered mistakes in the title of the NGS and out of date contact information for both the NGSB and the DSCC point of contact.

IV. **CONCLUSION:** Based on its usage by design and acquiring activities, IPC-4412 is a valued acquisition document that benefits the DoD standardization program.

V. **RECOMMENDATION:** IPC-4412, "Specification for Finished Fabric Woven from "E" Glass for Printed Boards", should continue to be available for citing by DoD standardization documents and for acquiring activities. Therefore, the adoption notice for IPC-4412 shall be retained as an active, valid document. An updated notice of adoption with should be forwarded to DAPS with current NGSB and DoD contact data.

ADOPTION NOTICE

IPC-4412, "Fabric, Finished, Woven from E Glass for Printed Boards", was adopted on 26-FEB-03 for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: Defense Supply Center Columbus, P.O. Box 3990, Attn: DSCC-VAI, Columbus, OH 43216-5000. Copies of this document may be purchased from the Institute for Interconnecting and Packaging Electronic Circuits, 2215 Sanders Road, Northbrook, IL 60062-6135. <http://www.ipc.org/>

Custodians:

Army - CR
Navy - EC
Air Force - 11
DLA - CC

Adopting Activity:

DLA - CC

Reviewer Activities:

Army - MI

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Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

Project: 5998-0136-02

Review activities:
Air Force - MI

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil/>.