

ENGINEERING PRACTICE STUDY

TITLE:

**Market Analysis and Research Engineering Practices (MAREPS) Study:
Fuses under FSC 5920**

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STUDY PROJECT 5920-2024-021

Study Conducted by DLA Land and Maritime

Prepared by:

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OBJECTIVE: The purpose of this Engineering Practice (EP) study is to, request input from military services, fuse manufacturers, and user community concerning new types of fuse usage that are not covered by current W-F-1814 slash sheets, Commercial Item Drawings, or DLA drawings.

BACKGROUND: DLA Land and Maritime Document Standardization Division (VA), Branch VAT is searching to develop new standardization documents for fuses under FSC 5920. If you have a part or device that you want to cover with a standardization document (Performance or Detail Specification, DLA Land and Maritime drawing, Commercial Item Description, or Non-Government Standard) please notify this office with the technical information needed to support this standardization action.

RESPONSE REQUESTED: Please inform, if new types of Fuses that are currently being used or supplied to the requirements of W-F-1814 or any other specification.

RESULTS: The responses to survey are the following: one Military custodian responded that currently they do not have any parts to consider under this Engineering Practices Study and if a need arise for support in the future, they will contact DLA. One verbal response from the manufacturers stating that a CID or DLA Drawing might be of interest to them. Market research indicated that there are 4 NSNs that cover solar fuses. None of the NSNs showed significant demand or purchase history. There has been no communication from military stakeholders requesting standardization action on this type of fuse.

CONCLUSIONS: The results of this study conclude that there are several types of solar fuses that are not currently covered by fuse specifications or DLA drawings. However, demand for these items is not currently significant enough to merit document development. Continued monitoring is recommended.

RECOMMENDATIONS: DLA Land and Maritime recommends to further monitor and investigate Solar fuses ranging from 600 volts ac to 1000 volts dc.