

## STANDARDS CHANGES CATALOG (SCC)

SCC NUMBER: SCC # 130

CHANGE PROPOSAL TITLE: Clarification to DTEACK and DTEPROC.

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ORIGINATOR'S INTERNAL NUMBER: N/A

AFFECTED DOCUMENTS: This change is for MIL-STD-188-220C

PRECEDENCE: ROUTINE

RECOMMENDATIONS: None

RECORD OF PROCESSING:

<u>DATE</u> :	<u>ACTION</u> :
13 Sep 02	Proposal
25 Sep 02	R1, Work Item/Draft/Approved

1. STATEMENT OF THE PROBLEM: The definitions for DTEPROC and DTEACK may be misunderstood.
2. PROBLEM ANALYSIS: The present definition for DTEPROC and DTEACK are believed to be ambiguous. It is not clear whether the delay associated with these terms include PTT activation time and other times associated with turnaround.
3. PROPOSED SOLUTION: Clarify the definition of both DTEACK and DTEPROC to clearly state that the times include all delays associated with turnaround.
  - a) Page 260 (Appendix C) C.3.2.7 DTE ACK preparation time (DTEACK). Add "(including time for transmit relays for PTT to close)" at the end of first sentence.
  - b) Page 260 (Appendix C) C.3.2.8 DTE processing time (DTEPROC). Change first sentence to read 'DTEPROC is the time from the end of ELAG until the slowest DTE on the network can prepare a worst case size frame for transmission, and to start transmitting (including time for transmit relays for PTT to close) after receiving DATA not requiring a coupled, Type 1 acknowledgment.
4. ALTERNATIVE SOLUTIONS: None
5. SYSTEM CHANGES REQUIRED: Unknown.
6. CONFIGURATION ITEM DOCUMENTATION CHANGES: MIL-STD-188-220C.
7. IMPACT ON INTEROPERABILITY: Improves.
8. IMPACT ON RELATED DOCUMENTS: None
9. IMPLEMENTATION DATES: "To be determined".
10. OTHER CONSIDERATIONS: None.
11. REFERENCES: None.
12. TROUBLE REPORTS (TRs) ADDRESSED IN THIS SCC: None.

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### Proposed Paragraph changes

C.3.2.7 DTE ACK preparation time (DTEACK). DTEACK is the time from the end of ELAG until the slowest DTE on the network can process any possible Type 1 frame requiring a coupled acknowledgment, prepare the coupled Type 1 acknowledgment frame, and begin sending its coupled acknowledgment frame to its DCE (including time for transmit relays for PTT to close). DTEACK is a characteristic of the DTE. Unless a larger value is known, use the value TURN for the particular radio and operating environment as the default value for DTEACK.

C.3.2.8 DTE processing time (DTEPROC). DTEPROC is the time from the end of ELAG until the slowest DTE on the network can prepare a worst case size frame for transmission, and to start transmitting (including time for transmit relays for PTT to close) ~~begin sending its next transmission to its DCE~~ after receiving DATA not requiring a coupled, Type 1 acknowledgment. DTEPROC is a characteristic of the DTE. Unless a larger value is known, use the value TURN for the particular radio and operating environment as the default value for DTEPROC.