

SCC #32 APPROVED 15 JUN 99
MIL-STD-2045-47001B
Typos & Redrawn Figures

Redlines

C.4.1.3 Type. This field identifies the type of header in use in accordance with the three-bit sequences below.

<u>Bits</u>	<u>Decimal Value</u>	<u>Interpretation</u>
000	0	End-to-end Acknowledgment required
010	2	End-to-end Acknowledgment not required
100	4	Partial Acknowledgment
110	6	Complete Acknowledgment Throughout Appendix
001	1	Abort Request
101	5	Abort Confirm
011	3	Acknowledgment request
111	7	Undefined

C.4.1.4 Header Length (HLEN). This ~~412~~-bit field indicates the total length of the segmentation/reassembly header in 32-bit words.

C.4.1.5 Poll/Final (P/F). This 1-bit field is used to request an immediate response.

- a. When a Data segment is received with the P/F bit set to "1", the receiving unit shall immediately respond with a Partial Acknowledgment ~~Throughout Appendix~~, or a Complete Acknowledgment with P/F set to "1".
- b. When an Abort Request segment is received with the P/F bit set to "1", the receiving unit shall immediately return an Abort Confirm segment with P/F bit set to "1".

Changes Applied

C.4.1.3 Type. This field identifies the type of header in use in accordance with the three-bit sequences below.

<u>Bits</u>	<u>Decimal Value</u>	<u>Interpretation</u>
000	0	End-to-end Acknowledgment required
010	2	End-to-end Acknowledgment not required
100	4	Partial Acknowledgment
110	6	Complete Acknowledgment
001	1	Abort Request
101	5	Abort Confirm
011	3	Acknowledgment request
111	7	Undefined

C.4.1.4 Header Length (HLEN). This 12-bit field indicates the total length of the segmentation/reassembly header in 32-bit words.

C.4.1.5 Poll/Final (P/F). This 1-bit field is used to request an immediate response.

- a. When a Data segment is received with the P/F bit set to "1", the receiving unit shall immediately respond with a Partial Acknowledgment, or a Complete Acknowledgment with P/F set to "1".
- b. When an Abort Request segment is received with the P/F bit set to "1", the receiving unit shall immediately return an Abort Confirm segment with P/F bit set to "1".

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Redrawn Figures

Source Port		Destination Port	
Type	HLEN	P/F	Serial Number

FIGURE C-1: Segmentation/Reassembly Header

Source Port		Destination Port	
Type	HLEN	P/F	Serial Number
Segment Number		Last Segment Number	
Data Portion			

Type = 000 or 010

FIGURE C-2: Data Segment