

SCC #7- Change to MIL-STD-2045-47001B
Approved 29Sep98

5.6.9 Message Size field. This field shall contain a 20-bit binary number indicating the size, in bytes, of the associated message. Within the user data, a message which is not a multiple of 8 bits, shall be zero-filled so that it becomes a multiple of 8 bits. When optional message compression is used, the message size field shall reflect the size of the message after it has been compressed. This field is required when there is more than one occurrence of the Message Handling Group (R3 in Table I) or, when there is a single occurrence of the Message Handling Group and a streaming/undelimited transport (such as TCP) is being used, but not when a delimited transport (such as UDP and S/R) is being used. If the transport protocol is unknown, a streaming/undelimited transport should be assumed when determining whether the message size field is required.

5.7.2.2.13 Condition 13: IF Message Handling Group (R3) only occurs once and the message is being sent via a streaming/undelimited transport protocol, such as TCP, THEN Message Size shall be present.

IF there is only one occurrence of Message Handling Group (R3)
AND the message is being sent via a streaming/undelimited transport
THEN FPI for Message Size shall be set to "1" (Present)
ENDIF

See SCC 79 for changes to this SCC since it has been approved.