SCC #18
Add broadcast network & multicast group URNs

Details

The affected paragraphs in MIL-STD-2045-47001B are paragraphs 5.6.3.1 and 5.6.3.2, which currently read as follows:

5.6.3.1 Unit reference number field. This field shall be a 24-bit binary code used by units on an interface to uniquely identify friendly military units. The applicable codes for this field depend on the setting of the UMF field (see 5.6.4) and are specified in appendices to this document as referenced in Table II. The URN field and the Unit Name field are mutually exclusive fields (one or the other, not both).

5.6.3.2 Unit name field. This field shall be a variable size field up to a maximum of 448 bits. It shall be in a character-coded format and used to uniquely identify a friendly military unit. This field is divided into 64 groups of 7 bits each representing an ANSI ASCII character. Special characters are legal. ANSI ASCII Delete (1111111) may be used as an end of text marker.

The proposed new URN definition would modify the current paragraphs above as follows:

5.6.3.1 Unit reference number field. This field shall be a 24-bit binary code used by individuals, units, broadcast networks, and multicast groups on an interface to uniquely identify friendly military ~~units~~entities. A URN that identifies a broadcast network would be used to send a message to the whole network. A URN that identifies a multicast group would represent a sometimes large group of users, typically organized by echelon. The applicable codes for this field depend on the setting of the UMF field (see 5.6.4) and are specified in appendices to this document as referenced in Table II. The URN field and the Unit Name field are mutually exclusive fields (one or the other, not both).

5.6.3.2 Unit name field. This field shall be a variable size field up to a maximum of 448 bits. It shall be in a character-coded format and used to uniquely identify a friendly military individual, unit, broadcast network, or multicast group. This field is divided into 64 groups of 7 bits each representing an ANSI ASCII character. Special characters are legal. ANSI ASCII Delete (1111111) may be used as an end of text marker.