

- b. Report Time of Applicability data shall be provided in the Mode Status report in binary format as defined in Table 2-70.

2.2.8.2.17 Version Number

- a. The ADS-B Report Assembly Function shall extract the Version Number data (subparagraph 2.2.3.2.7.3.5) from the ADS-B Aircraft Operational Status Message and provide the Version Number to the user application in the Mode Status Report in the binary format defined in Table 2-70.
- b. When a valid Version Number is not available, the Version Number sent to the user application shall be set to ALL ZEROS.

2.2.8.3 ADS-B TCP + 1 Report Characteristics

Table 2-73 and the subsequent subparagraphs identify the data structure for all ADS-B TCP + 1 Reports.

The intent of Table 2-73 is to illustrate the structure of all Items required to be reported in an ADS-B TCP + 1 Report. The exact structure of the data indicated in columns 10 and 11 is provided as a guide line or one possible method of satisfying the report structure. Implementers may choose to organize the data in another format; however, delivery to a user interface or application of all Items in Table 2-73 shall be consistent with the range, resolution, and units indicated in column 7, 8 and 9 of Table 2-73 respectively. Those requirements in subparagraphs 2.2.8.3.1 to 2.2.8.3.7 below that relate to specific data structure details (byte numbers, and bit numbers within the bytes) shall only apply to equipment that uses the sample data structure shown in columns 10-11 of Table 2-73.

Note: *Table 2-73 is structured such that column 1, 2, and 6 through 11, pertain to the On - Condition Report elements and how such elements should be structured into the report. Columns 3 through 5 provide information on where the appropriate data can be located in the ADS-B Messages for each of the Report elements.*