

### 2.2.3.2.2.1.3 “POSITION VALID” Field Encoding

The “POSITION VALID” field is a 1-bit (bit 8 of byte 6) field used to indicate whether or not the position in the header is valid. An encoding of ONE represents a VALID position. An encoding of ZERO represents an INVALID position.

### 2.2.3.2.2.1.4 “UTC Coupled” Field Encoding

The “UTC Coupled” field is a 1-bit (bit 1 of byte 7) field used to indicate whether or not the ground station 1 Pulse Per Second timing is valid. An encoding of ONE represents ~~VALID timing that the Ground Station is UTC-Coupled (§2.2.5.1)~~. An encoding of ZERO represents ~~INVALID timing that the Ground Station is not UTC-Coupled (§2.2.5.2)~~.

### 2.2.3.2.2.1.5 Reserved Bit

Bit 2 of byte 7 is reserved for future use and will always be set to ZERO.

### 2.2.3.2.2.1.6 “APPLICATION DATA VALID” Field Encoding

The “APPLICATION DATA VALID” field is a 1-bit (bit 3 of byte 7) field used to indicate whether or not the Application Data is valid for operational use. An encoding of ONE represents VALID Application Data. An encoding of ZERO represents INVALID Application Data.

**Notes:**

1. *Airborne applications should ignore the Application Data field when this bit is set to INVALID.*
2. *This field will allow testing and demonstration of new products without impact to operational airborne systems.*

### 2.2.3.2.2.1.7 “SLOT ID” Field Encoding

The “SLOT ID” field is a 5-bit (bit 4 through bit 8 of byte 7) field used to identify the time slot within which the Ground Uplink Message transmission took place. This field is encoded as a 5-bit unsigned binary numeral.

**Note:** *The Slot for certain ground station messages may be continually shifted for maximum interference tolerance to other users sharing the band. Airborne receivers do not need a priori knowledge of this shifting scheme; this is for ground service providers to coordinate. The actual Slot ID in use for each uplink message will always be properly encoded by the ground station.*

### 2.2.3.2.2.1.8 “TIS-B SITE ID” Field Encoding

The “TIS-B SITE ID” field is a 4-bit (bits 1, through 4 of byte 8) field used to convey the reusable TIS-B Site ID that is also encoded with each TIS-B transmission as shown in [Table 2-5](#) below: