

by the “ALTITUDE TYPE” field. The encoding **shall** be consistent with that used for “ALTITUDE” described in [Table 2-14](#).

2.2.4.5.5.2 Reserved Bits

Bit 5 of byte 31 through bit 8 of byte 34 are reserved for future use, and **shall** be set to ALL ZEROS.

***Note:** This field is reserved for future definition to contain either Air-Referenced Velocity or perhaps wind vector and temperature.*

2.2.4.5.6 TARGET STATE Element (Payload Type Codes “3” and “4”)

Format for the TARGET STATE element is defined in [Table 2-51](#). This encoding **shall** apply to ADS-B Messages with “PAYLOAD TYPE CODES” of “3” and “4.”

Table 2-51: Format of TARGET STATE Element (Payload Type Codes “3” and “4”)

Payload Byte #	Bit 1	Bit 2	Bit 3	Bit 4	Bit 5	Bit 6	Bit 7	Bit 8
30	TARGET HEADING OR TRACK ANGLE INFORMATION							
31	TARGET HEADING OR TRACK ANGLE INFORMATION							
32	TARGET HEADING OR TRACK ANGLE INFORMATION							
33	TARGET ALTITUDE INFORMATION							

2.2.4.5.6.1 “TARGET HEADING OR TRACK ANGLE **INFORMATION**” Field Encoding

The “TARGET HEADING OR TRACK ANGLE **INFORMATION**” field is composed of subfields as indicated in [Table 2-52](#).

Table 2-52: “TARGET HEADING OR TRACK ANGLE **INFORMATION” Format**

Byte 30							
Bit 1	Bit 2	Bit 3	Bit 4	Bit 5	Bit 6	Bit 7	Bit 8
Hdg/Trk	Target Source Indicator (H).	Mode Indicator (H)		Reserved	(MSB)		
Byte 31							
Bit 1	Bit 2	Bit 3	Bit 4	Bit 5	Bit 6	Bit 7	Bit 8
-- Track Target Heading or Track Angle --							(LSB)

2.2.4.5.6.1.1 “Heading/Track Indicator” Flag Encoding

The “Heading/Track Indicator” flag (bit 1 of byte 30) **shall** be set to ZERO to indicate that the “Target Heading or Track Angle” subfield conveys target heading, or ONE to indicate that it conveys target track angle. The reference direction (true north or