

RTCA Special Committee 186, Working Group 5

ADS-B UAT MOPS Maintenance

**RTCA Headquarters, Washington DC
3 – 4 June 2009**

**Proposed Changes to DO-282B for Address Qualifier for ADS-R
In Response to Action Item 23-16**

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Summary
This Working Paper addresses Action Item 23-16, which was to “specify the changes for Address Qualifier Encoding in Table 2-12 to account for ADS-R in DO-282B.”

Introduction:

This Working Paper addresses Action Item 23-16, which was to “specify the changes for Address Qualifier Encoding in Table 2-12 to account for ADS-R in DO-282B.”

Proposal:

Update Table 2-12 as follows:

1. Change the row corresponding to Address Qualifier “2” to “TIS-B or ADS-R target with ICAO 24-bit address”
2. Change row corresponding to Address Qualifier “6” to “ADS-R target with non-ICAO address”

Address Qualifier (binary)			Address Qualifier (decimal)	Address Type	Reference subparagraph
Bit 6	Bit 7	Bit 8			
0	0	0	0	ADS-B target with ICAO 24-bit address	2.2.4.5.1.3.1
0	0	1	1	ADS-B target with self-assigned temporary address	2.2.4.5.1.3.2
0	1	0	2	TIS-B or ADS-R target with ICAO 24-bit address	2.2.4.5.1.3.3
0	1	1	3	TIS-B target with track file identifier	2.2.4.5.1.3.4
1	0	0	4	Surface Vehicle	2.2.4.5.1.3.5
1	0	1	5	Fixed ADS-B Beacon	2.2.4.5.1.3.6
1	1	0	6	ADS-R target with non-ICAO address	
1	1	1	7	(Reserved)	