

Dronetag DRI - ASTM F3411-22a Compliance Matrix

TABLE 21 All Methods Compliance Matrix			
Description	Requirement ID	Compliant (Y/N)	Notes
Min EIRP(+3dBm BT)	BPW0010	Y	Transmitter Output Power +8dBm
Dynamic msgs Refresh 1S	BUR0010	Y	Settings: 1-4Hz, Location and System Message
Static msgs Refresh 3S	BUR0020	Y	Settings: 1-4Hz,
Time till info Advertised <1S	BUR0030	Y	Updated upon receiving no logic behind.
Best Effort when transmitting	BUR0040	Y	No limitation for transmission
Message Counter	BUR0050	Y	Only changing when content changes
Message Counter for Multi paged Auth msgs	BUR0060	N	Not required yet
Message Formatting (Msg Length 25)	BMG0010	Y	Follows ODID messages
Message Formatting (Msg Header)	BMG0020	Y	Follows ODID messages
Message Formatting (ID Byte Order)	BMG0030	Y	Follows ODID messages
Message Formatting (Value Byte Order)	BMG0040	Y	Follows ODID messages

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Description	Requirement ID	Compliant (Y/N)	Notes
Message Formatting (Optional Nullable)	BMG0050	Y	Follows ODID messages
Message Formatting (String formatting)	BMG0060	Y	Follows ODID messages
Message Formatting (Enumeration tables)	BMG0065	Y	Follows ODID messages
Message Formatting (Message Header)	BMG0070	Y	Follows ODID messages
Message Formatting (BasidID Serial number default)	BMG0080	Y	Follows ODID messages
Message Formatting (BasicID Identification Types)	BMG0090	Y	Follows ODID messages
Message Formatting (Telemetry format)	BMG0100	Y	Follows ODID messages
Message Formatting (Telemetry field valid flag)	BMG0110	Y	Follows ODID messages
Auth message empty - Type = 0	BMG0120	N	
Auth signature format according UAS	BMG0130	N	
Auth data/timestamp	BMG0140	N	

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Description	Requirement ID	Compliant (Y/N)	Notes
Auth signature of all messages in Pack	BMG0150	N	
Auth multipage support index 0	BMG0160	N	Not required yet
Auth multipage last index padding	BMG0170	N	Not required yet
Auth by NRI	BMG0180	N	Not required yet
Auth specific	BMG0185	N	Not used
Operator location in system message	BMG0190	Y	Follows ODID messages
Operator location unavailable use takeoff	BMG0200	Y/N	Standard RemoteID integration disables this feature.
System Minimum update frequency 3S	BMG0210	Y	Standard RemoteID requires 1S
Radius of flight area	BMG0220	Y	
Default Area when not provided	BMG0230	Y	Only when in non-standard Remote ID mode
System message null values	BMG0240	Y	

TABLE 21 All Methods Compliance Matrix

Description	Requirement ID	Compliant (Y/N)	Notes
Messages pack support	BMG0250	Y	Sent in dynamic interval

TABLE 22 Bluetooth 4.x Compliance Matrix

Description	Requirement ID	Compliant (Y/N)	Notes
Bluetooth Legacy advertising	BB40010	Y	
Bluetooth Legacy Frame formatting	BB40030	Y	

TABLE 23 Bluetooth 5.x Compliance Matrix

Description	Requirement ID	Compliant (Y/N)	Notes
Bluetooth Legacy advertising when using BT5	BB50010	Y	
Bluetooth extended indication and data	BB50020	Y	BT 5 Extended advertisement Compliant
Bluetooth Coded Phy	BB50030	Y	BT 5 Extended advertisement Compliant
Bluetooth Long range msgs BT Core compliance	BB50040	Y	BT 5 Extended advertisement Compliant
Bluetooth Pointer on all advertising channels	BB50050	Y	BT 5 Extended advertisement Compliant
Bluetooth Pointer frame formatting	BB50060	Y	BT 5 Extended advertisement Compliant
Bluetooth Pointer fields	BB50070	Y	BT 5 Extended advertisement Compliant

TABLE 23 Bluetooth 5.x Compliance Matrix

Description	Requirement ID	Compliant (Y/N)	Notes
Bluetooth Pointer channel index calculation	BB50080	Y	BT 5 Extended advertisement Compliant
Bluetooth Pointer offset calculation	BB50090	Y	BT 5 Extended advertisement Compliant
Bluetooth Extended data formatting	BB50100	Y	
Bluetooth Extended advertising using Packs	BB50110	Y	
Bluetooth Extended advertising using Packs max 9 messages	BB50120	Y	