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Ref TAC-2220	Ref: B A B T-MED001078	+44 (0)1489 558255 Michelle.hardy@tuv-sud.co.uk	15 January 2019	1 of 1

Kelvin Hughes ZM-2144 Software Update

To whom it may concern

Kelvin Hughes have made a modification to the MantaDigital™ Core Software, ZM-2144.

Details of the modification have been reviewed and TUV SUD B A B T are satisfied that the modifications have no impact on the compliance of the following products within the requirements listed on the associated Module B Type Approval Certificates :

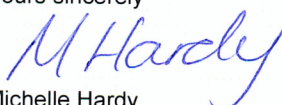
Module B Reference	Product Type
B A B T-MED000072	Mk11 Sharpeye™ Mantadigital™ X™ Band Radar System (CAT 1)
B A B T-MED000073	Mk11 Sharpeye™ Mantadigital™ X Band Radar System (CAT 2)
B A B T-MED000088	Mk11 Sharpeye™ Mantadigital™ S & X™ Band Radar System (CAT 1)
B A B T-MED000089	Mk11 Sharpeye™ Mantadigital™ S & X Band Radar System (CAT 2)
B A B T-MED001078	MantaDigital™ , 22" or 26" Widescreen ECDIS
B A B T-MED001079	MantaDigital™ X-Band & S-Band CAT 1 Radar System
B A B T-MED001080	MantaDigital™ X-Band & S-Band CAT 2 Radar System
B A B T-MED001081	MantaDigital™ X-Band & S-Band CAT 1 HSC Radar System
B A B T-MED001082	MantaDigital™ X-Band & S-Band CAT 2 HSC Radar System
B A B T-MED001083	SharpEye™, MantaDigital™ S-Band CAT 1 Radar System
B A B T-MED001084	SharpEye™, MantaDigital™ S-Band CAT 2 Radar System
B A B T-MED001085	SharpEye™, MantaDigital™ S-Band CAT 1 HSC Radar System
B A B T-MED001086	SharpEye™, MantaDigital™ S-Band CAT 2 HSC Radar System

The current applicable software version is shown in the table below.

Software:	Code Identity	Version
MantaDigital™ Core Software	ZM-2144	3.4

TÜV SÜD B A B T Notified Body (0168) will keep a record of this change in the relevant Technical Files for the above listed products.

Yours sincerely



Michelle Hardy
 TUV SUD B A B T Technical Certifier

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