GME MT403FF 406 MHz EPIRB	GME MT403FG 406 MHz GPS EPIRB	McMurdo Smartfind Plus G5 406 MHz GPS EPIRB
		
Modes of Operation	**Modes of Operation**	**Modes of Operation**
Activated UHF (406) and VHF (homer) complete with high intensity strobe and audible alert.	Activated UHF (406) and VHF (homer) complete with high intensity strobe and audible alert.	Activated UHF (406) and VHF (homer) complete with high intensity strobe
Self Test Comprehensive internal diagnostics with visual and audible operator feedback. UHF test message (inverted synchronisation compatible with portable beacon testers).	Self Test Comprehensive internal diagnostics with visual and audible operator feedback. UHF test message (inverted synchronisation compatible with portable beacon testers).	Controls: Manual activation, Self TEST switches / Comprehensive diagnostic and self-test facilities
Operation	**Operation**	**Operation**
Compliance GMDSS Compatible and meets the latest IMO A810-19 requirements	Compliance GMDSS Compatible and meets the latest IMO A810-19 requirements	
Activation - Automatically; on immersion in water, unit releases from housing at depth of 2 - 4 metres and activates	Activation - Automatically; on immersion in water, unit releases from housing at depth of 2 - 4 metres and activates	
- Manually; released and activated by operator	- Manually; released and activated by operator	
Duration 48 hours minimum	Duration 48 hours minimum	Operational life: 48 hours minimum at -20C
Transmission 121.5 and 406 MHz	Transmission 121.5 and 406 MHz	Transmission 121.5 and 406 MHz
Delay Signals commence ~60 seconds after activation	Delay Signals commence ~60 seconds after activation	
Warm-Up None required (due to digital signal frequency generation)	Warm-Up None required (due to digital signal frequency generation)	
VHF 121.5 MHz, 50 mW +3 dB, swept tone AM	VHF 121.5 MHz, 50 mW + 3 dB, swept tone AM	121.5MHz homing transmitter / Frequency: 121.5MHz + 3 kHz / Output power: 50mW + 3dB PERP
UHF 406.028 MHz or 406.037 MHz, 5 W + 2 dB, PSK (digital)	UHF 406.028 MHz or 406.037 MHz, 5 W + 2 dB, PSK (digital)	406 MHz transmitter Frequency: 406.028MHz + 1kHz / Output power: 5W + 2dB
Strobe 20 flashes/minute at greater than 0.75 cd effective intensity	Strobe 20 flashes/minute at greater than 0.75 cd effective intensity	High brightness LED flashing locator lights / Light output: > 0.75 candelas over 75% of the horizontal plane
COSPAS-SARSAT Certified to C/S T.001 (Class 2) requirements	COSPAS-SARSAT Certified to C/S T.001 (Class 2) requirements	Meets the requirements of international standards: COSPAS-SARSAT T.001 class 2, RTCM; SC110-STD Version 2 class 2, IEC 61097-2, EN 60945, Part 80 of FCC regulations.
Approvals - AS/NZS 4280	Approvals - AS/NZS 4280	IMO Approved
- COSPAS-SARSAT (TAC 186)	- COSPAS-SARSAT (TAC 186)	- COSPAS-SARSAT T007
- European MED (0062)	- European MED (0062)	
- SAMSA	- SAMSA	
- FCC ID: TXJMT403-G	- FCC ID: TXJMT403-G	
UHF Protocol/Data Radio Call Sign, Serial Number and MMSI	UHF Protocol/Data Radio Call Sign, Serial Number and MMSI	• Message formats: EPIRB National, Standard and User Location Protocol as applicable, plus EIPRB user protocols. Serialised, MMSI and radio call sign.
Repetition Period 50 s mean digitally generated randomization	Repetition Period 50 s mean digitally generated randomization	
VHF Satellite compatible phase coherent	VHF Satellite compatible phase coherent	
	GPS	**GPS**
	Integrated 16 channel GPS	Integrated 12 channel GPS
	GPS Receiver 16 Parallel Channel	GPS Receive Antenna Type: Ceramic dielectric patch / GPS receiver (SMARTFIND Plus)
	GPS Antenna Top Mounted Quad Helix	Transmit Antenna Type: Blade vertically polarised, omni-directional
Battery	**Battery**	**Battery**
6 year battery life	6 year battery life	5 year battery life
Replacement Method Authorised service centre or factory only (non user replaceable)	Replacement Method Authorised service centre or factory only (non user replaceable)	
Chemistry LiMnO2	Chemistry LiMnO2	
No./Size 5 Parallel packs of 2 Series Cells	No./Size 5 Parallel packs of 2 Series Cells	
Physical	**Physical**	**Physical**
Operating -20C to +55C	Operating -20C to +55C	Operating -20C to +55C
Storage -30C to +70C	Storage -30C to +70C	Storage -30C to +70C
Weight 542 g (nominal)	Weight 542 g (nominal)	Weight: 657g (1.5 lb)
Buoyant Will float upright in fresh/salt water	Buoyant Will float upright in fresh/salt water	
Waterproof Submersion to 10 m	Waterproof Submersion to 10 m	Waterproof Submersion to 10 m
Compass Safe Distance 0.7 metre minimum from magnetic navigational device	Compass Safe Distance 0.7 metre minimum from magnetic navigational device	
Dimensions 260 mm (H) x 102 mm (W) x 83 mm (D) max. when stowed in bracket	Dimensions 260 mm (H) x 102 mm (W) x 83 mm (D) max. when stowed in bracket	
Materials UV stabilized plastic chassis	Materials UV stabilized plastic chassis	
Performance C/S T.001/007; IEC 61097; IEC 60945; AS/NZS 4280.1; ETSI EN 300 066; RTCM 77-2002/SC110	Performance C/S T.001/007; IEC 61097; IEC 60945; AS/NZS 4280.1; ETSI EN 300 066; RTCM 77-2002/SC110	
Mounting Bracket/Housing	**Mounting Bracket/Housing**	**Mounting Bracket/Housing**
Mounting At four (4) points to vessel	Mounting At four (4) points to vessel	Included CARRYSAFE bracket for safe transportation
Release - Automatically before reaching 4 meters depth, or manually	Release - Automatically before reaching 4 meters depth, or manually	Release - Manually by Operator
		Optional auto bracket / housing available
Housing	**Housing**	**Housing**
Protection Impact resistant housing fully encloses EPIRB for environmental protection.	Protection Impact resistant housing fully encloses EPIRB for environmental protection.	SOLAS Float-Free Housing
Housing Weight 1.1 kg (nominal)	Housing Weight 1.1 kg (nominal)	Float-Free Housing & EPIRB: 2130 g (4.7 lb)
Housing Dimensions 385.5 mm (h) x 157.5 mm (w) x 102.5 mm (d)	Housing Dimensions 385.5 mm (h) x 157.5 mm (w) x 102.5 mm (d)	
Materials Marine grade stainless steel and long life UV Polypropylene stabilised enclosure	Materials Marine grade stainless steel and long life UV Polypropylene stabilised enclosure	
Service Fully user replaceable HRU at 2 year intervals as per applicable authority requirements	Service Fully user replaceable HRU at 2 year intervals as per applicable authority requirements	5 year warranty
Other Features	**Other Features**	
Retention Lanyard Buoyant type approximately 5.5 metres long	Retention Lanyard Buoyant type approximately 5.5 metres long	
Reflector SOLAS retro-reflective tape encircling unit above waterline	Reflector SOLAS retro-reflective tape encircling unit above waterline	
Solid-state Strobe High reliability solid state design exceeds IMO requirements	Solid-state Strobe High reliability solid state design exceeds IMO requirements	
Antenna Flexible self straightening stainless steel design	Antenna Flexible self straightening stainless steel design	