

**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 Activation - Automatically; on immersion in water, unit releases from housing at depth of 2 - 4 metres and activates - Manually; released and activated by operator	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 - Manually; released and activated by operator	
Duration 48 hours minimum Transmission 121.5 and 406 MHz Delay Signals commence ~60 seconds after activation Warm-Up None required (due to digital signal frequency generation) VHF 121.5 MHz, 50 mW +3 dB, swept tone AM	Duration 48 hours minimum Transmission 121.5 and 406 MHz Delay Signals commence ~60 seconds after activation Warm-Up None required (due to digital signal frequency generation) VHF 121.5 MHz, 50 mW + 3 dB, swept tone AM	Operational life: 48 hours minimum at -20C Transmission 121.5 and 406 MHz
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)	121.5MHz homing transmitter / Frequency: 121.5MHz + 3 kHz / Output power: 50mW + 3dB PERP 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 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.
COSPAS-SARSAT Certified to C/S T.001 (Class 2) requirements	COSPAS-SARSAT Certified to C/S T.001 (Class 2) requirements	
Approvals - AS/NZS 4280 - COSPAS-SARSAT (TAC 186) - European MED (0062) - SAMSA - FCC ID: TXJMT403-G UHF Protocol/Data Radio Call Sign, Serial Number and MMSI	Approvals - AS/NZS 4280 - COSPAS-SARSAT (TAC 186) - European MED (0062) - SAMSA - FCC ID: TXJMT403-G UHF Protocol/Data Radio Call Sign, Serial Number and MMSI	IMO Approved - COSPAS-SARSAT T007 • Message formats: EPIRB National, Standard and User Location Protocol as applicable, plus EPIRB user protocols. Serialised, MMSI and radio call sign.
Repetition Period 50 s mean digitally generated randomization VHF Satellite compatible phase coherent	Repetition Period 50 s mean digitally generated randomization VHF Satellite compatible phase coherent	
GPS	GPS	GPS
Integrated 16 channel GPS GPS Receiver 16 Parallel Channel	Integrated 16 channel GPS GPS Receiver 16 Parallel Channel	Integrated 12 channel GPS 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 Replacement Method Authorised service centre or factory only (non user replaceable)	6 year battery life Replacement Method Authorised service centre or factory only (non user replaceable)	5 year battery life
Chemistry LiMnO2 No./Size 5 Parallel packs of 2 Series Cells	Chemistry LiMnO2 No./Size 5 Parallel packs of 2 Series Cells	
Physical	Physical	Physical
Operating -20C to +55C Storage -30C to +70C Weight 542 g (nominal) Buoyant Will float upright in fresh/salt water	Operating -20C to +55C Storage -30C to +70C Weight 542 g (nominal) Buoyant Will float upright in fresh/salt water	Operating -20C to +55C Storage -30C to +70C Weight: 657g (1.5 lb)
Waterproof Submersion to 10 m 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 Materials UV stabilised plastic chassis Performance C/S T.001/007; IEC 61097; IEC 60945; AS/NZS 4280.1; ETSI EN 300 066; RTCM 77-2002/SC110	Waterproof Submersion to 10 m 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 Materials UV stabilised plastic chassis Performance C/S T.001/007; IEC 61097; IEC 60945; AS/NZS 4280.1; ETSI EN 300 066; RTCM 77-2002/SC110	Waterproof Submersion to 10 m
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 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	Housing Weight 1.1 kg (nominal) 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	Float-Free Housing & EPIRB: 2130 g (4.7 lb)
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	Other Features
Retention Lanyard Buoyant type approximately 5.5 metres long Reflector SOLAS retro-reflective tape encircling unit above waterline Solid-state Strobe High reliability solid state design exceeds IMO requirements Antenna Flexible self straightening stainless steel design	Retention Lanyard Buoyant type approximately 5.5 metres long Reflector SOLAS retro-reflective tape encircling unit above waterline Solid-state Strobe High reliability solid state design exceeds IMO requirements Antenna Flexible self straightening stainless steel design	