

OPERATION MODES	MT403	MT403FF	MT403G	MT403FG
Activated	UHF (406 MHz) and VHF (121.5 MHz Homer) complete with high intensity strobe and audible alert.			
UHF/VHF Self Test	Comprehensive internal diagnostics with visual and audible operator feed-back. UHF test message (inverted synchronisation compatible with portable beacon testers).			
GPS Self Test	N/A	N/A	User selectable GPS signal acquisition test function	
OPERATION				
Activation	Water or manual	Auto release	Water or manual	Auto release
Duration	48 hours minimum			
Transmission	406 MHz and 121.5 MHz			
Delay	Signals commence 60 seconds after activation			
Warm Up	None required due to digital frequency generation			
VHF	121.5 MHz, 50 mW ±3 dB, swept tone AM			
UHF	406.037 MHz, 5 Watts +/- 2 dB, PSK (Digital)			
Strobe	Solid Sate IMO & RTCM Compliant - > 0.75 Candela effective intensity			
GPS				
GPS Receiver	N/A	N/A	16 Channel	16 Channel
GPS Antenna	N/A	N/A	Dielectrically loaded Quadrifiler Helix	
Acquisition - Cold Start	N/A	N/A	< 90 seconds typically	
Acquisition - Hot Start	N/A	N/A	3.5 seconds typically	
Position	N/A	N/A	< 328ft typically	
COSPAS-SARSAT				
UHF-Protocol/Data	All approved EPIRB short protocols		All approved EPIRB long protocols	
VHF Homer	Satellite compatible phase content			
APPROVALS *				
COSPAS-SARSAT	C/S T.001/007 Certified to Class 2 Requirements.			
GMDSS Compliance	N/A	IMO A810 (19), as amended	N/A	IMO A810 (19), as amended
Australia and New Zealand	AS/NZ4280.1:2003			
European	MED Wheelmark°			
USA	FCC, USCG	FCC, USCG	FCC, USCG	FCC, USCG
BATTERY				
Replacement	6 years (non-user replaceable)			
Chemistry	LiMnO ₂ (0.49 g of lithium per cell)			
No./Size	5 parallel packs of 2 series cells			
PHYSICAL				
Operating	-4°F to +131°F (-20°C to +55°C)			
Storage	-22°F to +158°F (-30°C to +70°C)			
Weight (+ bracket)	1.2 (+.22) lbs 545 (+98) grams	1.2 (+2.43) lbs 545 (+1100) grams	1.26 (+.22) lbs 570 (+98) grams	1.26 (+2.43) lbs 570 (+1100) grams
Compass Safe Distance	2.3 ft (0.7 m)			
Dimensions H x W x D inches (mm)	10.2 x 4.7 x 3.3 (260 x 102 x 83)	15.2 x 6.2 x 4 (386 x 158 x 103)	0.2 x 4.7 x 3.3 (260 x 102 x 83)	15.2 x 6.2 x 4 (386 x 158 x 103)
Auto Release Mechanism	N/A	SOLAS approved Hammar H20	N/A	SOLAS approved Hammar H20
OTHER FEATURES				
Retention Lanyard	Buoyant type approximately 18 ft (5.5 m)			
Reflector	SOLAS retro-reflective tape encircling unit above waterline			
Antenna	Flexible self straightening stainless steel tape			
Stowage	Quick release manual bracket	Auto float free	Quick release manual bracket	Auto float free
Transportation	Meets UN requirements for transport as non-hazardous cargo on board passenger aircraft.			

Specifications are subject to change without notice or obligation.

* Further International approvals pending.



ACCUSATO™
BE SAFE. BE FOUND

GME revolutionized the Emergency Beacon world with the introduction of the ACCUSAT™ MT400, MT401, MT401FF and the MT410/G PLBs.

Utilizing the same ground breaking Australian technology, the ACCUSAT™ MT403 series is the latest exciting extension to GME's growing family of innovative safety products. A key feature of the MT403 series is the use of non-hazardous battery packs that are IATA compliant and allow for restriction free transportation.

The addition to the range of the GPS equipped MT403G and MT403FG with an integrated 16 channel high sensitivity receiver and quad helix antenna, provides an even faster emergency signal acquisition time and a significantly reduced search area through the geostationary (GEOSAR) satellite constellation.

Advantages of a 406 MHz EPIRB over the older analogue beacons, include worldwide coverage, position accuracy to typically less than 328ft with GPS equipped beacons (3.1 miles, with the standard 406 MHz beacon) and a more stable transmitted signal resulting in minimum detection time. Most importantly the addition of a unique digitally encoded message provides Search and Rescue authorities with vital information including the country of beacon registration and the identification of the vessel in distress. Incidences of false alerts are also greatly reduced along with the unnecessary deployment of valuable rescue resources.

An auxiliary 121.5 MHz homing transmitter is included in all GME MT403 series EPIRBs to enable suitably equipped search and Rescue services to home in on the distress beacon.

COSPAS-SARSAT is the international organization that operates search and rescue satellites will cease to monitor beacons operating in the 121.5/ 243 MHz range by February 2009.



A Division of: **Standard Communications PTY. LTD.**
Head Office: Locked Bag 2086 North Ryde, NSW 1670, Australia. P: +61 (0)2 9844 6666
F: +61 (0)2 9844 6600 www.gme.net.au



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1454-05/08-Iss.USA

North American Exclusive Distributor
P: 207-647-3300 F: 207-647-3700
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