

TAC Number	1365	TAC Date	14-OCT-2022	TAC Rev. date	14-OCT-2022
Beacon Model Name	RLB-44				
Additional Names	GlobalFix V5				
Manufacturer	ACR Electronics Inc.				
Tx Frequencies	406.031 MHz				
In Production	in production	Class	2		
Type	FF / Non FF EPIRB	Tested Life (hours)	48		
Battery	Energizer, Lithium Iron Disulphide, Energizer L91, 3 x 2 cells				
	Battery Legend: Battery cell manufacturer, Cell chemistry, Cell model, No. of cells, Cell size.				
Protocols tested	RLS - RLS Location				
Self Test	yes	Self Test RF	yes	Self Test RF (Short/Long)	long
Self Test Format Flag	long	Self Test Consistent with 15 Hex ID	yes		
Homer Freq	121.5 MHz	Homer Duty Cycle	50 to 98%		
Homer Power	14 -18 dBm				
Strobe Light	yes	Strobe Brightness	>0.5 cd	Strobe Duty Cycle	24 flashes per minute
Nav Device	internal GPS	Nav Device Model	internal GPS-receiver, manufacturer: Ublox, model: MAX-M8Q		
Encoded Position Data Update Interval	Range (minutes) Typically every 5 minutes, but may vary between 4 and 15 minutes				
Separable Antenna	no	Antenna Model	non-retractable integral transmitting antenna		
Additional functions	- GNSS self-test mode; - Manual and Automatic (via water-switch) activation; - AIS transmissions; - Near Field Communications (NFC) may be used to read beacon information and test results.				
General comments	Designed, tested and approved for use in configurations, typical for EPIRBs, i.e., corresponding to beacon floating in water, placed for operation on deck of a vessel, and operating from a safety raft. Approved for message encoding with maritime variants of RLS Location protocol (EPIRB with MMSI and EPIRB with Serial Number). Capable to update the encoded position data at variable intervals between 4 and 15 minutes. Related model family members include TACs 362, 363, 364, 365, and RLS TACs 1362, 1363, 1364, and 1365.				
TAC rev history	---				