TAC Number	1379	**TAC Date**	23-MAR-2023	**TAC Rev. date**	23-MAR-2023

Beacon Model Name	RLB-43
Additional Names	GlobalFix V6
Manufacturer	Ocean Signal Ltd.
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; - 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, 377, 378, 379, 380, 381, 382 and RLS TACs 1362, 1363, 1364, 1365, 1377, 1378, 1379, 1380, 1381, and 1382.
TAC rev history	1) 14-Oct-2022: Originally approved under TAC 1364 and 1365; 2) 23-Mar-2023: Change approved creating non-AIS models under TACs 1379, 1380, 1381 and 1382.