

TAC Number	1397	TAC Date	24-JUL-2024	TAC Rev. date	
Beacon Model Name	Tron 60AIS				
Additional Names	---				
Manufacturer	Jotron AS (former - Jotron Electronics A.S.)				
Tx Frequencies	406.031 MHz				
In Production	in production	Class	2		
Type	FF EPIRB	Tested Life (hours)	48		
Battery	Lithium/Iron Disulfide, (Li/FeS2) Energizer, type L91, 8x AA size 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% (homer swept-tone duty cycle of 35%)
Homer Power	17 dBm				
Strobe Light	yes	Strobe Brightness	> 0.75 cd	Strobe Duty Cycle	21 flashes/minute
Nav Device	Internal	Nav Device Model	Internal GNSS receiver (GPS, Galileo, GLONASS), u-blox model "MAX-M8Q"		
Encoded Position Data Update Interval		Fixed value (minutes) : 5 minutes			
Separable Antenna	no	Antenna Model	Integral antenna		
Additional functions	RLS-enabled variant of the model "Tron 60 AIS" supporting Galileo Return Link Service; GNSS self-test; Automatic beacon activation via the sea water contacts. AIS transmitter (power >27dBm).				
General comments	Type approved with the RLS Location protocols: EPIRB, MMSI. Tested in EPIRB-like configurations only, i.e., corresponding to beacon used while floating in water, on deck of a vessel or in a safety raft.				
TAC rev history	1) 6-Jan-2022: original TAC 1351 issued for the RLS-enabled model 'Tron 60AIS' variant, the non-RLS model 'Tron 60AIS' was approved under TAC 351; 2) 25-Mar-2022: CSC-66 approval of RLS-MMSI Location Protocol for operational use; 3) 2-Mar-2023: First extension TAC 1375 issued; 4) 24-Jul-24: 2-nd extension TAC 1397 issued.				