

<b>TAC Number</b>	397	<b>TAC Date</b>	24-JUL-2024	<b>TAC Rev. date</b>	
<b>Beacon Model Name</b>	Tron 60AIS				
<b>Additional Names</b>	---				
<b>Manufacturer</b>	Jotron AS ( former - Jotron Electronics A.S.)				
<b>Tx Frequencies</b>	406.031 MHz				
<b>In Production</b>	in production	<b>Class</b>	2		
<b>Type</b>	FF EPIRB	<b>Tested Life (hours)</b>	48		
<b>Battery</b>	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.					
<b>Protocols tested</b>	SL - Standard Location				
<b>Self Test</b>	yes	<b>Self Test RF</b>	yes	<b>Self Test RF (Short/Long)</b>	long
<b>Self Test Format Flag</b>	long	<b>Self Test Consistent with 15 Hex ID</b>			yes
<b>Homer Freq</b>	121.5 MHz	<b>Homer Duty Cycle</b>			50% (homer swept-tone duty cycle of 35%)
<b>Homer Power</b>	17 dBm				
<b>Strobe Light</b>	yes	<b>Strobe Brightness</b>	> 0.75 cd	<b>Strobe Duty Cycle</b>	21 flashes/minute
<b>Nav Device</b>	Int	<b>Nav Device Model</b>	Internal GNSS receiver (GPS, Galileo, GLONASS), u-blox model "MAX-M8Q"		
<b>Encoded Position Data Update Interval</b>		Fixed value (minutes) : 5 minutes			
<b>Separable Antenna</b>	no	<b>Antenna Model</b>	Integral antenna		
<b>Additional functions</b>	GNSS self-test; Automatic beacon activation via the sea water contacts. AIS transmitter power >27dBm.				
<b>General comments</b>	Type approved with the following variants of Standard Location protocols: EPIRB with MMSI, EPIRB with Serial Number. 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.				
<b>TAC rev history</b>	1) 6-Jan-2022: original TAC 351 issued for the non-RLS variant of the model 'Tron 60AIS', and TAC 1351 issued for the RLS-enabled variant of the model 'Tron 60AIS'; 2) 2-Mar-2023: First extension TAC 375 issued; 3) 24-Jul-24: 2-nd extension TAC 397 issued.				