

<b>TAC Number</b>	353	<b>TAC Date</b>	04-FEB-2022	<b>TAC Rev. date</b>	04-FEB-2022
<b>Beacon Model Name</b>	Tron 40AIS				
<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-Thionyl Chloride, (Li-SOCl <sub>2</sub> ) SAFT, LSH14, 4x C size cells, 2 sets of 2 cells in parallel.				
	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%		
<b>Homer Power</b>	17 dBm +/- 3 dB				
<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 GPS receivers: models "uBlox MAX-M8Q".		
<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 >27dBm. GNSS update rate 5 minutes.				
<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) 4-Feb-2022: original TAC 353 issued for model 'Tron 40AIS' with RLS location protocol under TAC 1353.				