

TAC Number	1353	TAC Date	04-FEB-2022	TAC Rev. date	25-MAR-2022
Beacon Model Name	Tron 40AIS				
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-Thionyl Chloride, (Li-SOCI ₂) 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.				
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 Power	17 dBm +/- 3 dB				
Strobe Light	yes	Strobe Brightness	> 0.75 cd	Strobe Duty Cycle	21 flashes/minute
Nav Device	Int	Nav Device Model	Internal GPS receivers: models "uBlox MAX-M8Q".		
Separable Antenna	no	Antenna Model	Integral antenna		
Additional functions	GNSS self-test; Automatic beacon activation via the sea water contacts. AIS transmitter >27dBm. GNSS update rate 5 minutes. Galileo RLS functions.				
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) 4-Feb-2022: original TAC 1353 issued for model 'Tron 40AIS' with standard location protocol under TAC 353; 2) 25-Mar-2022: CSC-66 Approval of RLS-MMSI Protocol for operational use.				