

TAC Number	354	TAC Date	04-FEB-2022	TAC Rev. date	04-FEB-2022
Beacon Model Name	Tron 40VDR AIS				
Additional Names	---				
Manufacturer	Jotron AS (former - Jotron Electronics A.S.)				
Tx Frequencies	406.031 MHz				
In Production	in production	Class	2		
Type	EPIRB FF (VDR)	Tested Life (hours)	168 hours		
Battery	Lithium-Thionyl Chloride, (Li-SOCI ₂) SAFT, LSH14, 10x C size cells, 5 sets of 2 series cells, in parallel.				
	<i>Battery Legend: Battery cell manufacturer, Cell chemistry, Cell model, No. of cells, Cell size.</i>				
Protocols tested	SL - Standard 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. Equipped with Voyage Data Recorder (VDR) module.				
General comments	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.				
TAC rev history	1) 4-Feb-2022: original TAC 354 issued for model 'Tron 40VDR AIS' with RLS location protocol under TAC 1354.				