

<b>TAC Number</b>	390	<b>TAC Date</b>	01-DEC-2023	<b>TAC Rev. date</b>	01-DEC-2023
<b>Beacon Model Name</b>	Tron SA20				
<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>	PLB	<b>Tested Life (hours)</b>	24		
<b>Battery</b>	Lithium/Iron Disulfide, (Li/FeS <sub>2</sub> ) Energizer, type L91, 4x AA size cells.				
	<i>Battery Legend: Battery cell manufacturer, Cell chemistry, Cell model, No. of cells, Cell size.</i>				
<b>Protocols tested</b>	SL - Standard Location, NL - National 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>	96%		
<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 GPS receivers: models "uBlox MAX-M10S", (GPS, Galileo, GLONASS).		
<b>Encoded Position Data Update Interval</b>	Range (minutes) 4:45 to 6:00				
<b>Separable Antenna</b>	no	<b>Antenna Model</b>	Integral antenna		
<b>Additional functions</b>	GNSS self-test; Near Field Communication capability for beacon data and self-test results.				
<b>General comments</b>	Type approved with the following variants of Standard Location protocols: EPIRB with MMSI, EPIRB with Serial Number, PLB with Serial Number. Tested in PLB configurations only, i.e., Corresponding to beacon used while on or above ground. Not tested for attachment on PFD. Single use beacon (no battery replacement).				
<b>TAC rev history</b>	1) 1-Dec-2023: original TAC 390 issued for model 'Tron SA20' with RLS location protocol under TACs 1390 and 3390.				