



TECHNICAL BULLETIN T03-2019

Tron 40VDR new Cospas-Sarsat approval number (TAC)



Tron 40VDR is supplied precoded with “Serial protocol” and Cospas-Sarsat approval number (TAC). Due to limitations in individual allocated serial numbers on approved Beacon models with GPS, Tron 40 VDR Float Free Capsule has been assigned with a new Cospas-Sarsat approval (TAC) number. The current version of the Tron 40VDR has used TAC number **185** which is both printed on the label fitted to the antenna, and coded into the EPIRB using PR40 software.

From serial number 16385, Tron 40VDR will be labelled and coded with TAC number **318**. Serial numbers from 16385 will be in use from mid September 2019.

It is also important to note the following:

Tron 40VDR with serial number 16385 and above must be programmed using the latest version of the Jotron programming software **TronLink EPIRB**. The valid version are 4.1.0 or newer, and is available to download from our web www.jotron.com under the product “PRU-50”. TronLINK EPIRB software will also be available from VDR manufacturers ftp servers. It is important to note that the old programming software **PR40** cannot program Tron 40VDRs with serial numbers 16384 or above.

Please see below information when you come near the transition serial number:

Example Programming of EPIRBs near transition number:

Serial number on label	Serial number encoded	C-S Approval number (TAC)	Upper label	Comment
16382	16382	185	With TAC=185	PR40 or TronLink EPIRB
16383	16383	185	With TAC=185	PR40 or TronLink EPIRB
16384	0			NOT ALLOWED
16385	1	318	With TAC=318	TronLink EPIRB
16386	2	318	With TAC=318	TronLink EPIRB

So for serial number of 16385 and higher, the labeled serial number on the unit and the encoded are not the same, but can easily be found by adding 16384 to the encoded serial number.



See below difference between the last Tron40VDR coded with Cospas-Sarsat approval no 185 (TAC no), and first coded as no 318. Note that on programming report the actual serial number of the EPIRB is filled in on line 3, and actual coded Serial ID is written within the second redline marking below.

Tron 40VDR Programming Report	Tron 40VDR Programming Report
Beacon serialno: 16383 Bracket serialno: 1122 Country code: 258 Protocol: Serial std. location 406 Hex message: FFFE2F90262E7FFF7FDFF92F15B783E0F66C	Beacon serialno: 16385 Bracket serialno: 1122 Country code: 258 Protocol: Serial std. location 406 Hex message: FFFE2F90264F80017FDFF9BF093783E0F66C
Battery Expiry: FB-40 Bracket type: FB-40 Checksum: F594C	Battery Expiry: 08 2022 Bracket type: FB-40 Checksum: AB4E3
Serial std. location Hex Code, UIN: 204C5CFFFEFFBFF Serial ID: 16383 Cospas/Sarsat appr: 185 Category: Epirb	Serial std. location Hex Code, UIN: 204C9F0002FFBFF Serial ID: 1 Cospas/Sarsat appr: 318 Category: Epirb
Vessel Information Radio call sign: MY CALL Hull ID number: Vessel name: TEST Former vessel name: TE ST IMO number: Additional info:	Vessel Information Radio call sign: AA Hull ID number: Vessel name: TEST IMO number: Additional info:
Miscellaneous Data Replaces beacon: ----- 121.5 MHz homing: Sweep down 121.5 Morse code: V	Miscellaneous Data Replaces beacon: ----- 121.5 MHz homing: Sweep down 121.5 Morse code: V
Programming data Program version: 4.1.0 Jotron dealer no: 1 Programming station: Tjodalyng Programmed by: mads-l Date: 2019 Sep 13	Programming data Program version: 4.1.0 Jotron dealer no: 1 Programming station: Tjodalyng Programmed by: mads-l Date: 2019 Sep 13

Jotron encourage all VDR manufacturers/Dealers/Distributors who use the Tron 40VDR Float Free Capsule to distribute this letter and information within their own organization.

Should you have any questions related to the information given in this Bulletin, please contact Jotron Support Dept at support@jotron.com

Tjodalyng, September 2019