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Attn:
Stuart Beck
Director of Certification

Tjodalyng: 08.28.2015

Re. Application for FCC approval of Tron 40VDR.

The Tron 40VDR is a 406MHz Cospas-Sarsat float-free EPIRB with VDR (Voyage Data Recorder) and 121.5MHz homing transmitter.

The design is based upon the well-known Tron 40GPSMkII FCC ID: VRVTRON40GPSMKII. Mechanical changes are done to the lower part of the BEACON for to facilitate the attachment of a VDR storage module and to allow for more battery capacity. The electronic design is unchanged with exception of the number of battery switches which is increased from two to five due to the increase of battery capacity. The Tron 40GPSMkII was approved to meet the IMO GMDSS requirement which is 48 hours operation while the Tron 40VDR has to meet IEC61996-1 operational requirements of 168 hours. The Tron 40VDR has got same COSPAS-SARSAT TAC number TAC 185 as a result of a change note process towards COSPAS-Sarsat. The EPIRB in Tron 40VDR capsule has been considered by COSPAS-SARSAT to be exactly the same as in Tron 40GPS MkII and therefore been granted the same TAC number.

New FCC ID will be VRVTRON40VDR. Tron 40GPS MkII will not exist any longer.

Sincerely,

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