

Database ID: 222-1

TAC Number: 222 TAC Date: 02-Jan-12 TAC Rev Date:

Beacon Model Name: Tron 60GPS

Additional Names: Simrad EG70

Manufacturer: Jotron AS

Tx Frequencies: 406.037 MHz In Production: Yes Class: 2

Type: FF / Non FF EPIRB Tested Life: 48
FF=Float Free (24 / 48 hrs)

Battery: Lithium/Iron Disulfide, (Li/FeS2) Energizer, type L91, 8x AA size cells.
Manufacturer (Model, No of Cells)

Protocols Tested: UL, SL Protocol Notes: U=User; UL=User-Location;
Self Test: Yes SL=Standard Location; NL=National Location

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: 96%

Homer Power: 17 dBm

Strobe Light: Yes Strobe Brightness: > 0.75 cd

Strobe Duty Cycle: 21 flashes/minute

Nav Device: Int

Nav Device Model: Internal GPS receiver, model Fastrex IT500

Separable Antenna: No

Antenna Model: Integral antenna

Additional Functions: GNSS self-test;
Automatic beacon activation via the sea water contacts.

Comments General: Type approved with the following variants of Standard Location protocols: EPIRB with MMSI,
EPIRB with Serial Number; and variants of User-Location protocol: Maritime with MMSI, Maritime
with Radio Call Sign, EPIRB Float Free with Serial Number, and Radio Call Sign.
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.
Distributed by NAVICO under the model name 'Simrad EG70'.

TAC Rev History: 1) 2-Jan-12: original TAC 222 issued for models 'Tron 60GPS' and 'Tron 60S'; 2) 12-Jul-12:
Additional names 'Simrad EG70' and 'Simrad EP70' added to TAC 222.

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