

Database ID: 204-1

TAC Number: 204 TAC Date: 10-May-10 TAC Rev Date: 13-Oct-10

Beacon Model Name: G5 Smartfind Plus (a) & (m)

Additional Names: SGE406-II (a) & (m), EG50:AUTO & EG50:MAN, Kannad Marine Sport+, McMurdo Smartfind A5G

Manufacturer: McMurdo Ltd.

Tx Frequencies: 406.028/406.040 In Production: Yes Class: 2

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

Battery: Lithium Manganese Dioxide, VARTA 3 x 3 CR2/3AH cells, or
Manufacturer (Model, No of Cells) Panasonic 3 x 3 CR123A cells

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

Homer Power: 50mW

Strobe Light: Yes Strobe Brightness: > 0.75 cd

Strobe Duty Cycle: 21 flashes/minute

Nav Device: Int

Nav Device Model: EAZIX model EZGPM01, uBlox model TIM-4P, Ublox model NEO-6M

Separable Antenna: No

Antenna Model: DOIG/PRESSCO P/N 82-909

Additional Functions: Automatic activation via sea water switch; GNSS Self-test

Comments General: G5 Smartfind Plus (a): a Float Free EPIRB with automatic activation combined with automatic hydrostatic beacon release mechanism; G5 Smartfind Plus (m): an EPIRB with manual activation. Type approved with the following variants of User-Location protocol (Maritime with MMSI, Maritime with Radio Call Sign, Radio Call Sign, EPIRB FF with Serial Number, EPIRB Non FF with Serial Number); Standard Location protocol (EPIRB with MMSI, EPIRB with Serial Number); and National Location protocol for EPIRB.

TAC Rev History: (1) 23-Aug-06: Original TAC-163 issued; (2) 10-May-10: 1-st extension TAC-204 issued; (3) 13-Oct-10: Additional names added; (4) 14-Mar-11: Operation on 406.040 MHz approved for all models, GNSS Self-test and alternative GPS receiver model "U-blox NEO-6M" approved for use with model 'G5 Smartfind Plus (a)&(m)' and its brand variants (SGE406-II (a)&(m), EG50:AUTO/MAN, Kannad Marine Sport+, McMurdo Smartfind A5G).

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