

U.S. Department
of Transportation

United States
Coast Guard



Commandant
United States Coast Guard

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16714/161.011/McMURDO
31 July 2000

Mr. Chris Hoffman
McMurdo Ltd
Rodney Road, Fratton
Portsmouth, Hants. PO4 8SG
UNITED KINGDOM

Dear Mr. Hoffman:

We have completed a review of the materials provided for the McMurdo G4 406 GPS satellite Emergency Position Indicating Radio Beacon (EPIRB). The unit is also identified and sold as the Pains-Wessex SOS Precision 406 GPS EPIRB. Based on the information provided and the tests carried out, and in accordance with 47 CFR 80.1061(c)(2), we conclude that the G4 406 GPS; 406 MHz satellite EPIRB, meets the relevant requirements of the RTCM recommended standards for 406 MHz satellite EPIRBs (version 2.0, RTCM paper 4-97/SC-110-STD). The G4 406 GPS operates on the new COSPAS-SARSAT frequency of 406.028 ± 0.001 MHz. The G4 406 GPS is a COSPAS-SARSAT Class 2 (-20°C) unit, available with three separate brackets, which categorize the EPIRB as follows:

G4 406 GPS with G4a bracket	RTCM Category 1 (automatic float-free)
G4 406 GPS with G4m or G4c bracket	RTCM Category 2 (manual)

Sincerely,

A handwritten signature in black ink, appearing to read "R. L. Markle".

R. L. MARKLE

Chief, Lifesaving and Fire Safety Standards Division
Office of Design and Engineering Standards
By direction of the Commandant

Copy: DERA Fraser
FCC (EAB)