

U.S. Department  
of Transportation

United States  
Coast Guard



Commandant  
United States Coast Guard

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16714/161.011/McMurdo  
April 2, 1999

**EAS 93430**

Mr. Richard Read  
McMurdo Ltd.  
Rodney Rd., Fratton  
Portsmouth, Hants PO4 8SG  
UNITED KINGDOM

Dear Mr. Read:

We have completed a review of the materials provided for the McMurdo E3 satellite Emergency Position Indicating Radio Beacon. Based on the information provided and the tests carried out, and in accordance with 47 CFR 80.1061(c)(2), we conclude that the McMurdo E3, Category 2, 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).

Acceptance of the Category 1 version of this EPIRB awaits approval of the Pains-Wessex Breakthru hydrostatic release unit, and automatic release testing, under test A14.0 of the RTCM standard. We understand that the Category 2 version will be sold under the "E3m", "SOS Rescue 406m", and "Sea 406m" model designations. When provided in a weatherproof housing, model designations "E3c", "SOS Rescue 406c", and "Sea 406c" are used.

Sincerely,

R. L. MARKLE

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

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FCC (EAB)

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16714/161.011/McMurdo

May 19, 1999

Mr. John Norrish  
McMurdo Ltd.  
Rodney Rd., Fratton  
Portsmouth, Hants PO4 8SG  
UNITED KINGDOM

Dear Mr. Norrish:

We have completed a review of the float free enclosure test report provided for the McMurdo E3 satellite Emergency Position Indicating Radio Beacon. Based on the information provided and the tests carried out, and in accordance with 47 CFR 80.1061(c)(2), we conclude that the McMurdo E3, with the float free enclosure, meets the requirements for a Category 1, 406 MHz satellite EPIRB. The float free enclosure can be used with either the Hammar H20 or Pains Wessex Breakthru hydrostatic release unit

Although the beacon itself qualifies for COSPAS-SARSAT Class 1, the cold-temperature operating characteristics of the hydrostatic release units, limit the float free version to Class 2. We understand that the float free (Category 1) version will be sold under the "E3a", "SOS Rescue 406a", and "Sea 406a" model designations.

Sincerely,

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

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FCC LAB 09/10/17  
16714/161.011/McMurdo  
May 19, 1999