



Product Service

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TEST HOUSE CERTIFICATE

CLIENT: McMurdo Limited
Silverpoint
Airport Service Road
Hilsea
Hampshire
PO3 5BP

CERTIFICATE NUMBER SX614796/04 Issue 1
PROJECT NUMBER SX614796/RB
CLIENT'S ORDER NUMBER PO0001906

DATE OF RECEIPT

13 December 2005

TEST ITEM(S)

NAVTEX Receiver

NUMBER OF ITEMS TESTED

1

SERIAL NUMBER(S)

007

MODEL / PART NUMBER(S)

NAV-7

TEST SPECIFICATION / ISSUE

IEC 60945 Issue 2002-08

DATE OF TEST

21 December 2005

SYSTEM CONFIGURATION

Operating with a representative RF input of -107dBm

TEST(S) APPLIED

IAW IEC 60945 Clause 8.7 – Vibration, Operational
3 planes, normal operating attitude
Resonance search:
5 Hz to 13.2 Hz, ± 1 mm & 13.2 Hz to 100 Hz at 7 m/s²
Sweep rate of 0.5 octaves/minute
Endurance of 2 hours at all resonances of magnitude ratio ≥ 5
otherwise at 30 Hz

RESULT(S) OF TEST

X-Axis: No resonances of magnitude ratio ≥ 5 were observed. Endurance test was conducted at 30 Hz.
Y-Axis: Resonance of 11.3g observed at 63.8 Hz. Endurance test conducted at 63.8 Hz.
Z-Axis: No resonances of magnitude ratio ≥ 5 were observed. Endurance test was conducted at 30 Hz.

RESULT(S) OF TEST

The unit remained operational throughout the test. On completion of the test all three receiver inputs (490 kHz, 518 kHz and 4209.5 kHz) were checked with no noticeable deterioration to the performance.

Approved by *I. Veal*

Date 15th March 2006

I Veal
Authorised Signatory

