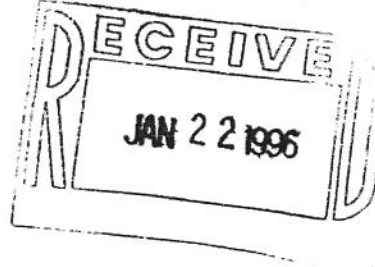




DEPARTMENT OF THE NAVY
NAVAL SURFACE WARFARE CENTER
CARDEROCK DIVISION

NAVAL SHIP SYSTEMS
ENGINEERING STATION
PHILADELPHIA, PA 19112-5083



IN REPLY REFER TO

9072
Ser 625/010

JAN 18 1996

Noise Unlimited Incorporated
Attn: Bill Ferry
312 Old Allerton Road
Annandale, NJ 08801

Subj: APPROVAL OF LIGHT WEIGHT AND MEDIUM WEIGHT SHOCK MACHINES

- Ref: (a) NAVSEAINST 9491.1B, Location of Approved Class HI Shock Testing Facilities; dtd 10 Oct 1989
(b) NSWCCD ltr 9072; Ser 625/234 dtd 13 Jul 95
(c) NSWCCD ltr 9072; Ser 625/235 dtd 13 Jul 95
(d) Noise Unlimited Letter; Completion of Repairs to Both the Lightweight and Mediumweight Shock Machine; 12 Jan 96
(e) BUSHIPS Dwg. 10-T-2145-L, Alt. 13, Class HI (High Impact) Shock Testing Machine for Light Weight Equipment; dtd 8 Feb 61
(f) BUSHIPS Dwg. 807-655947, Alt. 6, Class HI (High Impact) Shock Testing Machine for Medium Weight Equipment; dtd 16 Oct 61

MIL-S-901 requires that all shock testing be conducted on approved shock test machines which are noted in reference (a). Naval Surface Warfare Center, Carderock Division (NSWCCD) performed inspections of the Light Weight Shock Machine (LWSM) and Medium Weight Shock Machine (MWSM) located at Noise Unlimited Incorporated (NUI), Annandale, NJ on 5 May 95 and 6 Jul 95 respectively. Reference (b) withheld approval of the LWSM and identified several deficiencies which required corrective action before approval could be given. Reference (c) granted temporary approval for the MWSM with final approval withheld until three (3) minor deficiencies were corrected.

Noise Unlimited Incorporated completed the necessary improvements to the LWSM and MWSM, and forwarded documentation to NSWCCD via reference (d). Upon review of reference (d), NSWCCD has determined that the LWSM and MWSM located at Noise Unlimited Incorporated, Annandale, NJ conform to the fabrication and installation requirements of references (e) and (f), respectively, and are hereby approved for use in testing shipboard equipment and systems to applicable Navy shock test specifications (MIL-S-901, PPD's, etc).

Approval of the LWSM and MWSM applies only to technical compliance with the requirements of references (e) and (f), and other issues such as safety, environmental impact, etc. are not addressed.

Subj: APPROVAL OF LIGHT WEIGHT AND MEDIUM WEIGHT SHOCK MACHINES

The NSWCCD 625 point of contact is Domenic Urzillo, commercial
(215) 897-1277.

Sincerely,

A handwritten signature in black ink, appearing to read 'E. Duncan', with a stylized flourish at the end.

E. Duncan
Hd, Ship Survivability and
Structural Integrity Branch

Copy to:
NAVSEA 03P3 (B. Bowser, J. Ford)