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UNCLASSIFIED

MAY 11 1964

File No: H-5
T-10306
Test Completed: 4-1-64

RECEIVED
MAY 12 1964
CENTRAL TECH FILE

CENTRAL TECHNICAL FILE	
ACCOUNTABILITY CARD	DKB
FILE NO. R-	7
	alpha

To: W. E. Treibel - 1523

Attn: G. J. Zimmerman

From: R. P. May - 7331-1

Re: Calibration of Shock Recorders (U)

Four multiple shock and three single shock recorders were calibrated in order to be used during at sea operations. The recorders were to indicate the best method of securing an MC1677 underwater pressure resistant case in a high speed naval vessel. The recorders were to be attached to the weapon and checked after daily operations.

Actuation levels of 4, 6, 8, and 10g at 20 ms duration were established for each of the multiple shock recorders. Due to a lack of time available for calibration, the 20 ms duration was arbitrarily selected. The shock recoders will operate at different g level and duration combinations. The present one shot switches were found to operate at 7g and 20 ms. The consultant took all the tabulated data at the completion of the calibration testing.

Shock levels were produced on the two foot, free fall drop table.

The test was authorized by an Environmental Test Order dated 4-1-64; Mr. G. J. Zimmerman, 1523-2 was the consultant.

AJTucker:7325-1:mw

Approved by E. White
E. White - 7331-1

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW	
1st Review Date: 10/26/98	Determination (Circle Number(s))
Classification Change: U/ASD	1. Classification Retained
Name: Wham	2. Classification Changed to: U
2nd Review Date: 10/27/98	Contains No DOE Classified Information
Classification:	4. Coordinate With
Name: RBCramer	5. Contains UCNI: No
	6. Comments: OK for Internet

TCG-NNT-1

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW DOWNGRADING OR DECLASSIFICATION STAMP	
CLASSIFICATION CHANGED TO: U	AUTHORITY: RBCramer
Carmela Gallegos 10/29/98 PERSON CHANGING MARKING & DATE	RECORD ID: 99SN0231
WC Tapp 10/30/98 PERSON VERIFYING MARKING & DATE	DATED: 10/27/98

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[redacted]

10306

Copy to:
C. S. Williams, Jr., 1442
C. L. Johnson, 2123
R. T. Othmer, 1541
D. S. Bliss, 2344
E. H. Copeland, 7331
Central Technical File, 3428-1