

DATE Nov. 23/67

SH. \_\_\_\_\_ OF \_\_\_\_\_

COMPILED BY

R. R. [Signature]

## TMC SPECIFICATION NO. S 10164

TITLE: PRODUCTION INSPECTION TESTS FOR EIGHT-OUTPUT

JOB

APPROVED [Signature]

MULTICOUPLERS

- References: (1) MIL-E-16400D (NAVY) para 4.4.2  
 (2) SHIPS-C-4297

Production inspection for eight-output multicouplers shall include the following tests:

<u>Subject</u>	<u>Reference</u>	<u>Paragraph</u>	<u>TMC Specification</u>
Surface examination	(1)	4.5.1	S10166-1
Operating test	(1)	4.5.2 (as specified by SHIPS-C-4297 para 4.4.1, operating test shall include the following:	
Gain (for each output)	(2)	3.3.2	S10166-4
Cross-talk isolation	(2)	3.3.5	S10166-7
Spurious responses	(2)	3.3.6	S10166-8
Phase-shift (single coupler)	(2)	3.3.9	S10166-11
Phase-shift (comparison to Standard)	(2)	3.3.9.1	S10166-11