

ocean design, inc.	PER CO #7097	Approved By <i>WHP 12-31-03</i>	Effective Date DEC 31 2003	Document No. 55115	Revision A
	Originator JOHN TERRY	Checked By <i>JRT 12/31/03</i>	Page 1 of ____	Reference ATP-050-40	Class 40

SUBJECT: **GENERAL FIELD ACCEPTANCE TEST AND LOG SHEET FOR FIELD INSTALLED ASSEMBLIES**

CUSTOMER: _____
 CUSTOMER REPRESENTATIVE: _____
 INSTALLATION PROCEDURE: _____
 UMBILICAL ID: _____
 DATE: _____
 TECHNICIANS: _____

THE FOLLOWING PROCEDURE IS TO BE USED FOR FIELD ACCEPTANCE OF FIELD INSTALLED ASSEMBLIES/PARTS. PRIOR TO TESTING, LAY OUT THE MATERIAL NEEDED FOR EACH TEST. INFORM THE CUSTOMER THAT TESTS ARE TO BE PERFORMED AND THAT THEY MAY WITNESS IF THEY DESIRE. VERIFY POWER IS DISCONNECTED AND THE CABLE(S)/CONNECTOR(S) ARE NOT CONNECTED TO ANY EQUIPMENT. IF THE CABLE(S)/CONNECTOR(S) ARE CONNECTED TO ANY EQUIPMENT, REVIEW WITH THE CUSTOMER/MANUFACTURING REPRESENTATIVE THE TESTS THAT WILL BE PERFORMED AND CONFIRM THE METHODS ARE ACCEPTABLE.

NOTE: THIS IS A GENERAL FIELD ACCEPTANCE PROCEDURE. MARK "N/A" FOR SECTIONS THAT ARE NOT APPLICABLE. COPY PAGES AS REQUIRED TO RECORD ALL TEST DATA.

NOTE: THE VOLTAGE FOR ALL INSULATION TESTS MUST NOT BE GREATER THAN THE RATING OF THE CONNECTOR(S) OR THE CABLE(S). CONFIRM CABLE VOLTAGE RATING(S) WITH CUSTOMER/MANUFACTURING REPRESENTATIVE.

EQUIPMENT:

	<u>TYPE</u>	<u>S/N</u>	<u>NEXT CAL DUE DATE</u>
MEGOHM METER	_____	_____	_____
MULTIMETER	_____	_____	_____
OPTICAL SOURCE	_____	_____	_____
OPTICAL METER	_____	_____	_____
GAGE	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

OPERATOR INITIALS: _____ DATE: _____

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PROCEDURE:

1. PRIOR TO TERMINATION, VERIFY CABLE CONTINUITY, INSULATION RESISTANCE AT VOLTAGE SPECIFIED BY THE INSTALLATION PROCEDURE, AND/OR OPTICAL INSERTION LOSS AT THE WAVELENGTH SPECIFIED BY THE INSTALLATION PROCEDURE. RECORD PASS CRITERIA FROM THE INSTALLATION PROCEDURE FOR INSULATION RESISTANCE. RECORD RESULTS BELOW.

CONTINUITY

CABLE ID:

[illegible]

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OPTICAL INSERTION LOSS AT ____ nm:

CABLE ID: _____

FIBER COLOR/TUBE #	INSERTION LOSS (dB)	FIBER COLOR/TUBE #	INSERTION LOSS (dB)

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DATE: _____

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2. AFTER SPLICING THE FIBERS IN ACCORDANCE WITH THE CIRCUIT DIAGRAM ON ASSEMBLY DRAWING, RECORD BELOW THE RESULTS OF THE OPTICAL INSERTION LOSS TESTS AT THE WAVELENGTH SPECIFIED BY THE INSTALLATION PROCEDURE. PASS CRITERION ARE SPECIFIED ON THE INSTALLATION PROCEDURE.

OPTICAL INSERTION LOSS AT _____ nm:

PASS CRITERIA: _____ dB

CONNECTOR ID	PIN #	OPTICAL INSERTION LOSS (dB)	CONNECTOR ID	PIN #	OPTICAL INSERTION LOSS (dB)

PASS/FAIL (CIRCLE RESULT)

OPERATOR INITIALS: _____ DATE: _____

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INSULATION RESISTANCE @ ____ VDC

INSULATION RESISTANCE PASSING IS SPECIFIED BY THE INSTALLATION
PROCEDURE.

PASS CRITERIA: CONDUCTOR = $\geq$ ____ GIGOHM; SHIELDS = $\geq$ ____ MEGOHM

NOTE: MAKE THE GROUND (ARMOR) THE LAST ROW ON THE TABLE

FROM	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
CONNECTOR ID: _____	TO	CONNECTOR ID: _____								CONNECTOR ID: _____							
	1																
	2																
	3																
	4																
	5																
	6																
	7																
	8																
CONNECTOR ID: _____	1																
	2																
	3																
	4																
	5																
	6																
	7																
	8																
	GROUND																

PASS / FAIL (CIRCLE RESULT)

OPERATOR INITIALS: _____

DATE: _____

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

DATE :

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