

**ELECTROMAGNETIC INTERFERENCE TEST REPORT (EMITR) CHECKLIST
EXTENSION QUALIFICATION CHECKLIST**

Manufacturer & Address:
Test Facility & Address:
PO & Item Number:

I. Acronyms and Abbreviations	YES	NO
a. All acronyms are defined	<input type="checkbox"/>	<input type="checkbox"/>
1) Introduction	<input type="checkbox"/>	<input type="checkbox"/>
a. The purpose of the extension is included (i.e. obsolete part, faster clock rate, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
b. There is an EMI test description of the equipment (Table listing EMI tests, MIL-STD-461 paragraph no., Test description, and Test results)	<input type="checkbox"/>	<input type="checkbox"/>
2) Applicable Documents		
a. Military such as applicable revision of MIL-STD-461	<input type="checkbox"/>	<input type="checkbox"/>
b. Other Documents (All applicable drawings associated with the equipment)	<input type="checkbox"/>	<input type="checkbox"/>
c. Test Laboratory Documents (NAVSEA approved EMITR for the equipment)	<input type="checkbox"/>	<input type="checkbox"/>
3) Description of Equipment		
a. Cable Assembly (ex. xxxxx)		
b. List of the electrical connections that were used to test the equipment	<input type="checkbox"/>	<input type="checkbox"/>
c. Table listing the physical characteristics of the previous equipment that was tested and the new equipment the test shall be extended to (Equipment description, dimensions, max power, current draw, and weight)	<input type="checkbox"/>	<input type="checkbox"/>
d. Pictorial Representation of both pieces of equipment (Label as Figure 1 and Figure 2)	<input type="checkbox"/>	<input type="checkbox"/>
e. Location of equipment on ship		
4) Design Comparisons		
a. Paragraph explaining the similarities and differences between the 2 pieces of equipment	<input type="checkbox"/>	<input type="checkbox"/>
b. Parts List Comparison Table (ex. Part description, part number, similarities of the equipment, quantity, and differences between the equipment)	<input type="checkbox"/>	<input type="checkbox"/>
c. Paragraph of the overall view and conformance comparison of the equipment	<input type="checkbox"/>	<input type="checkbox"/>
d. Table outlining the comparison of performance specifications	<input type="checkbox"/>	<input type="checkbox"/>
e. Pictorial depiction of the equipment, illustrating the functionality and design	<input type="checkbox"/>	<input type="checkbox"/>
f. I/O Cables (Is power source unit the same?)	<input type="checkbox"/>	<input type="checkbox"/>
g. Comparison of cables and connectors	<input type="checkbox"/>	<input type="checkbox"/>
k. Cabling Interconnection Comparison (drawing or sketch)	<input type="checkbox"/>	<input type="checkbox"/>
l. EMI filter or any EMI design features, e.g. gaskets, MCT's, etc.		
m. Independent EMI Testing conducted at an independent test lab	<input type="checkbox"/>	<input type="checkbox"/>
n. EMI Extension Rationale Table (List of Test and Rationale for extension). Rationale ex: Equipment 987 contains only...	<input type="checkbox"/>	<input type="checkbox"/>
o. Paragraph explaining if equipment is high or low risk. (Low risk consists of using qualified part of the original equipment, using fewer electrical components than the original, making it acceptable for use).		
5) Conclusion		
a. Paragraph describing the conclusions of the EMI Test Report Extension (state whether it is a high or low risk)	<input type="checkbox"/>	<input type="checkbox"/>
II. Appendix		
a. All drawings applicable to the EMI Test Report Extension for the equipment	<input type="checkbox"/>	<input type="checkbox"/>

*This checklist was developed to help NNS suppliers achieve First Time Quality (FTQ) software submittals. It is not the intention of this checklist to be all inclusive and you need to ensure all invoked P.O. requirements and specifications are met. The checklist is a list of frequently missed items by suppliers, this is an attempt to identify these items to eliminate costly rework and delays. We suggested you incorporate this checklist with your internal process to be more efficient.