

## PRODUCT ASSURANCE PROVISION

### 47.9-NC

#### RAYTHEON QUALITY NOTE UD APPLIES

#### REQUIREMENTS

Deliverable material on this Purchase Order has been declared to be a “Mission Critical Material” by Raytheon.

Marvin shall provide a Requirements Applicability Matrix (RAM) to the External Provider. The External Provider shall submit a completed RAM Program Implementation Plan subject to approval by Marvin. The completed plan shall explain how the External Provider will demonstrate compliance prior to shipment of deliverable to Marvin.

The external provider shall monitor, analyze, and report on part, material, and process (PMAP) nonconformance trends as established in the Marvin RAM. External Provider shall codify the RAM on a tailored Applicability Matrix Checklist to demonstrate compliance to the RAM.

The External Provider shall use the Bill of Material to develop a matrix identifying the source of qualification for PMAP:

**Table 1: List of Qualification Source**

Parts Material Control Board;	PMCB Approved
Mil-Std./Mil-Spec.;	MIL-Std. compliant
Raytheon Qualified;	Raytheon QPL/QCI

The External Provider shall have a Purchasing procedure which requires the selection of parts and materials from one or more of the Qualification Sources listed in Table 1. Original Component Manufacturer (OCM) Quality Conformance Inspected items, with a resultant Raytheon part number, is also acceptable.

External Providers shall establish and maintain a system for Missile Defense Agency (MDA) core metrics for hardware, software, firmware work products, and processes. The system shall include instructions on collection, monitoring, trending analysis, and reporting of this data. The metrics shall be reported to Marvin and in the monthly Program Review with Raytheon.

Failures and Non-Conforming Hardware/Process events shall be reported to Marvin within 72 business hours of the occurrence.

All non-conforming hardware shall be reworked to print. For hardware that cannot be reworked to print, a waiver or F-826 SDDM in accordance with PAP77, shall be submitted to Marvin and Raytheon for approval requesting "use-as-is" or non-standard repair condition.

All failures shall be evaluated. Results of the failure analysis shall include the failure mode, failure mechanism, and root cause identified.

Marvin reserves the right to audit the plan for effectiveness before and during the contractual life of the program.

Contact the Marvin Buyer for the applicable Q-Note revision. See [qnotes.raytheon.com](http://qnotes.raytheon.com) for full note requirements.

**REVISION HISTORY**

<b>Revision</b>	<b>Date</b>	<b>By</b>	<b>Description</b>
NC	03/29/2022	EP	Initial release PAP 47.9