 L3HARRIS™	Supplier Quality Requirements, Maintenance, Repair, and Overhaul
DATE: 10/31/2022	Revision: 02
	Document Number: SQR-MRO

1.0 Purpose

This SQR document defines L3 Communication Systems - West (CSW) (hereinafter referred to as "Buyer") quality requirements for Maintenance, Repair and Overhaul (MRO) activities. MRO activities consist of, but are not limited to, the following:

- Evaluating and diagnosing of repair units returned to Supplier.
- Documenting evaluation, diagnosis, and recommended repair actions.
- Conducting all necessary inspections and tests to verify the hardware meets all functional specification requirements.

Where there is a conflict between the SQR and the P.O., the requirements of the P.O. shall take precedence.

1.1 Language

The Supplier's submissions of records, reports, specifications, drawings, inspection and test results, and other documentation shall be in English.

2.0 Quality Requirements

2.1 Quality Management System (QMS) Requirements

The Supplier shall implement and maintain a QMS which complies with, at a minimum, ISO 9001 (or equivalent). Any exception to this requirement may be approved by CSW Supplier Quality Engineering (SQE), through the CSW Procurement Representative.

The Supplier's QMS is subject to review and audit by CSW SQE. Any changes to the Supplier's registration, such as a change in certification status (e.g. update, withdrawal, or disapproval) or registration body, name, ownership, or facility location must be forwarded to the Purchasing Representative within 30 days via Change or Information Request (CIR) form SLC-9012.


2.2 Nonconforming Material Control

The Supplier shall maintain a documented system for controlling nonconforming material. Nonconforming material must be identified, documented, evaluated, segregated (where practical), and dispositioned to prevent its unintended release or use. Records pertaining to all nonconformance information shall be made available to Buyer upon request.

- The Supplier does not have Material Review Board (MRB) authority for CSW/Customer Designed Items unless authorized in writing by the Buyer for specific part numbers. When a nonconformance results in a noncompliance to Purchase Order Requirements, the Supplier may request CSW Preliminary Review of nonconforming material by submitting Supplier Non-Conformance Request (SNR) form found at the following URL:
<https://suppliers.bcs.l3harris.com/quality/supplier-forms>.

The Supplier shall not ship nonconforming material, nor deviated material without an approved SNR. If the Supplier is approved to ship nonconforming material for preliminary review by Buyer, then a copy of the SNR shall be submitted with the material. Any MRB action performed as a result of the nonconformance may require the Supplier to reimburse Buyer for the costs associated with processing the nonconforming material.

- The Supplier may not scrap CSW supplied product or material without written authorization from CSW, via SNR through the CSW Procurement Representative.

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- c) The Supplier's QMS system shall provide for timely reporting (no later than 5 days after confirmation of the non-conformance) that may affect already delivered product. Notification to the Buyer shall be submitted on Supplier letterhead and include a complete description of the discrepancy against the specified requirement, as well as, all applicable identification and traceability information. Detailed Root Cause Analysis and Corrective Action shall be provided by the Supplier within 30 days.
- d) The Supplier shall ensure that their quality management system has the capability to report nonconformance(s) on Critical Safety Items (CSI) in full compliance with Defense Federal Acquisition Regulation Supplement (DFARS) 252.246-7003.
- e) The Supplier shall participate in the Government Industry Data Exchange Program (GIDEP) program in accordance with the requirements of the GIDEP S0300- BT-PRO-010 and S0300-BU-GYD-010. The Supplier shall be responsible for monitoring and reporting GIDEP Alerts for impact to items delivered to Buyer, and shall take action to eliminate or mitigate any negative effect to an acceptable level. The Supplier shall generate the appropriate failure experience data report(s) (GIDEP ALERT, GIDEP SAFE-ALERT, GIDEP Problem Advisory) whenever failed or nonconforming items are discovered during the course of the P.O.

2.3 Workmanship Standards

Supplier shall comply with the requirements of WS-023, Maintenance, Repair, and Overhaul Acceptance Criteria; and their own internal workmanship requirements.

2.4 Certificate of Conformance

The Supplier shall provide a Certificate of Conformance (C of C) certifying that product conforms to the requirements of the Purchase Order. The C of C shall accompany each shipment on the P.O. and shall provide:

- The Supplier's name and address
- L3 Part Number and Revision Level (of the product or service being delivered)
- L3 Purchase Order number and quantity shipped
- Serial Number or other unique identification information, as applicable
- Any exceptions to L3 requirements must be clearly documented on the C of C (prior approval of shipment with noted exceptions must be in writing by the Buyer and a copy must accompany the shipment)


The C of C may be a separate document or included on the packing sheet. The Supplier's Quality Representative or authorized delegate shall sign and/or stamp this document (an electronic signature is acceptable).

For "drop ship" deliveries originating from L3's customer, the Supplier shall provide a complete Inventory List of items not part of the CLIN Bill of material.

A C of C is not required for items deemed Beyond Economical Repair.

2.5 Change or Information Request (CIR)

If the Supplier has difficulty with a technical issue or interpretation of requirements during the Repair/Upgrade process, or with the contractual requirements of the P.O., a Change or Information Request (CIR), Buyer Form SLC-9012 can be initiated by the Supplier to request assistance. CIRs **are not** to be used to disposition, or request disposition of, nonconforming material. CIR Forms are accessible via the CSW Supplier website, and can also be obtained from your CSW Procurement Representative.

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2.6 Right of Entry

Buyer, its customer, and/or their authorized inspection agency or regulatory authorities shall have the right to send representatives to the Supplier's and its subcontractors facilities on a non-interference basis to determine product and/or process compliance with requirements of the P.O. or this SQR document.

2.7 Records

The Supplier shall control and retain all required records as objective evidence of conformance to requirements of both the Purchase Order and this SQR document. The Supplier shall make records available to Buyer upon request within three business days and at no additional cost. Records shall be retained for a period of 7 years from the time of final P.O. payment. Records shall include traceability information from procured material to manufacturing, assembly, and tests and inspections of product delivered to CSW necessary to determine authenticity and conformance to P.O. requirements.

2.8 Repair Reporting

The Supplier shall provide a complete Repair Report, prior to delivery of the repaired asset, in accordance with P.O. Requirements. At a minimum, Supplier shall confirm the failure, describe how the unit was repaired, and describe how the asset's performance was verified after repair. Should the Supplier be unable to duplicate/confirm the reported functional failure they shall contact the Procurement Representative to establish a dialog with a program technical representative for further direction prior to returning the item. If Buyer agrees to have the item returned as Could Not Duplicate (CND), the Supplier shall note the CND condition on the Repair Report.

2.9 Corrective and Preventive Action

The Supplier shall maintain a documented system for managing Continuous Process Improvement and determining Root Cause and Corrective Action, where required.

2.10 Foreign Object Debris/Damage (FOD)

To preclude introduction of foreign objects into any deliverable item, the Supplier shall maintain a documented FOD prevention program appropriate to the commodity provided to CSW. This program shall be compliant to AS9146 Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space and Defense Organizations during design, manufacture, assembly and shipment of an item as well as use NAS 412 as a guide.


2.11 Calibration System, Measuring and Test Equipment (M&TE)

The Supplier shall provide and maintain measuring and testing devices necessary to assure that product(s) conform to requirements. Inspection and test equipment shall be calibrated and maintained in accordance with a nationally or internationally recognized standard (i.e. ISO 17025, ANSI NCSL Z540 or ISO 10012). Control and calibration of tooling and M&TE furnished by the Buyer shall be the responsibility of the supplier.

Special tooling (supplier manufactured or CSW furnished) critical to process or used as a media of inspection, must be described in the Supplier's process. The tools used for inspection must be controlled as part of the supplier's calibration system prior to use in production.

2.12 Shelf Life Control

The supplier shall establish a shelf life and storage control program to ensure that no material which has exceeded its shelf life is used in the repair of L3 product.

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2.13 Packaging, Preservation, and Storage

Finished parts shall be adequately protected in accordance with best commercial practices to prevent damage during handling, shipment, and storage. ESD precautions shall apply, as applicable by commodity being provided.

2.14 Identification Marking

Supplier shall take every precaution to preserve all labeling (Customer and Supplier). If labeling must be removed, material must be properly identified upon return.

Revision History

Revision	Date	Primary Change Summary
00	3/5/2018	Initial Release (Renumbered from SQR-002)
01	8/5/2021	Updated logo and proprietary in footer. Removed reference to the SLC-3892 in section 2.2.a. and replaced it with a reference to fill out the SNR at the following URL: https://www2.l3t.com/csw/supplierncr/
02	10/31/2022	Changed last sentence in section 2.10 to "This program shall be compliant to AS9146 Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space and Defense Organizations during design, manufacture, assembly and shipment of an item as well as use NAS 412 as a guide."
NA	2/25/2025	Updated hyperlink in section 2.2. No revision upgrade necessary.