

IMS Clause ID	IMS Clause Title	IMS Clause Description
IMSQC1	Standard Quality Clauses	<p>These Standard Quality Clauses (Q-Clauses) are applicable to all Purchase Orders (POs) placed by L3HARRIS, unless explicitly stated on the PO. Individual Q-Clauses are assigned as necessary and are in addition to the requirements of this Q-Clause.</p> <p>FULL DESCRIPTION IN IMS CLAUSE DOCUMENT</p>
IMSQC002	Software Quality Management System (AS9110 Certified)	<p>Supplier shall maintain a quality management system that is 3rd party certified to the current revision of AS9110 for performing Maintenance, Repair or Overhaul (MRO) activity on product or services for which they are not the Original Equipment Manufacturer (OEM). OEMs with AS9100 certification must have a Scope of Approval that includes MRO activity if AS9110 certification is not held. L3HARRIS reserves the right to conduct supplier surveys or audits of the Supplier's quality system. The Supplier shall immediately notify L3HARRIS in writing of any change to:</p> <ol style="list-style-type: none"> 1.The quality management system that may affect the inspection, conformity or safety of the product 2.Quality leadership 3.Quality management system status
IMSQC003	Software Quality Management System (ISO9115 Certified)	<p>Supplier shall maintain a quality management system that is 3rd party certified to the current revision of ISO9115. L3HARRIS reserves the right to conduct supplier surveys or audits of the Supplier's quality system. The Supplier shall immediately notify L3HARRIS in writing of any change to:</p> <ol style="list-style-type: none"> 1.The quality management system that may affect the inspection, conformity or safety of the product 2.Quality leadership 3.Quality management system status
IMSQC004	Software Quality Management System (AS9120 Certified)	<p>Supplier shall maintain a quality management system that is 3rd party certified to the current revision of AS9120. L3HARRIS reserves the right to conduct supplier surveys or audits of the Supplier's quality system. The Supplier shall immediately notify L3HARRIS in writing of any change to:</p> <ol style="list-style-type: none"> 1.The quality management system that may affect the inspection, conformity or safety of the product 2.Quality leadership 3.Quality management system status
IMSQC005	Software Quality Management System (AS9115 Certified)	<p>Supplier shall maintain a quality management system that is 3rd party certified to the current revision of AS9115. L3HARRIS reserves the right to conduct supplier surveys or audits of the Supplier's quality system. The Supplier shall immediately notify L3HARRIS in writing of any change to:</p> <ol style="list-style-type: none"> 1.The quality management system that may affect the inspection, conformity or safety of the product 2.Quality leadership 3.Quality management system status
IMSQC006	Foreign Object Debris (FOD) Program (AS9146 Compliant)	<p>The Supplier shall maintain a documented Foreign Object Debris (FOD) prevention program compliant to the current version of AS9146 to ensure work is processed or manufactured in a manner preventing foreign objects or materials from entering and remaining in deliverable items. L3HARRIS reserves the right to conduct supplier surveys or audits of the Supplier's FOD program.</p>
IMSQC007	Classified Program	<p>This parts, product and/or services supplied on this PO are for a classified program. See Supplier Quality and L3HARRIS Security for DD254 Information.</p>

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IMSQC008	Special Processes (NADCAP Certified or Buyer Approved)	Special processes performed either by the Supplier or their Sub-tiers shall be accredited by National Aerospace and Defense Contractors Accreditation Program (NADCAP). In the event that the Supplier or the Sub-tier supplier performing special processes are not NADCAP certified, the Supplier or the Sub-tier performing the special process shall be approved by the Buyer. Special processes are defined as processes where resulting output cannot be verified by use of visual or common measuring techniques. L3HARRIS considers the following to be special processes: chemical processing (anodizing, painting, etc...), heat treating, soldering, welding, composites, gasketing, coatings, non-destructive testing, material testing laboratories, castings, additive manufacturing, non-conventional machining and surface enhancements.
IMSQC009	Special Processes (Raytheon Approved)	All Special processes performed either by the Supplier or their Sub-tiers shall be approved by Raytheon. Special processes are defined as processes where resulting output cannot be verified by use of visual or common measuring techniques. Raytheon considers the following to be special processes: chemical processing (anodizing, painting, etc...), heat treating, soldering, welding, composites, gasketing, coatings, non-destructive testing, material testing laboratories, castings, additive manufacturing, non-conventional machining and surface enhancements. The list of Raytheon approved Special Process Suppliers is available at: http://qnotes.raytheon.com
IMSQC010	Special Processes (Lockheed Martin Approved)	All Special processes performed either by the Supplier or their Sub-tiers shall be approved by Lockheed Martin or be NADCAP certified. Special processes are defined as processes where resulting output cannot be verified by use of visual or common measuring techniques. Lockheed Martin considers the following to be special processes: chemical processing (anodizing, painting, etc...), heat treating, soldering, welding, composites, gasketing, coatings, non-destructive testing, material testing laboratories, castings, additive manufacturing, non-conventional machining and surface enhancements. The list of Lockheed Martin approved Special Process Suppliers is available at: http://www.myexostar.com
IMSQC011	Special Processes (Boeing Approved)	All Special processes performed either by the Supplier or their Sub-tiers shall be approved by Boeing. Special processes are defined as processes where resulting output cannot be verified by use of visual or common measuring techniques. Boeing considers the following to be special processes: chemical processing (anodizing, painting, etc...), heat treating, soldering, welding, composites, gasketing, coatings, non-destructive testing, material testing laboratories, castings, additive manufacturing, non-conventional machining and surface enhancements. The list of Boeing approved Special Process Suppliers is available at: http://www.boeing.com/companyoffices/doingbiz/d14426/index.html
IMSQC012	Special Processes (Northrup Grumman Approved)	All Special processes performed either by the Supplier or their Sub-tiers shall be approved by Northrup Grumman or be NADCAP certified. Special processes are defined as processes where resulting output cannot be verified by use of visual or common measuring techniques. Lockheed Martin considers the following to be special processes: chemical processing (anodizing, painting, etc...), heat treating, soldering, welding, composites, gasketing, coatings, non-destructive testing, material testing laboratories, castings, additive manufacturing, non-conventional machining and surface enhancements. The list of Northrup Grumman approved Special Process Suppliers is available at: https://www.northropgrumman.com/suppliers/tools/
IMSQC013	Special Processes (NASA Approved)	All Special processes performed either by the Supplier or their Sub-tiers shall be approved by NASA or be NADCAP certified. Special processes are defined as processes where resulting output cannot be verified by use of visual or common measuring techniques. Lockheed Martin considers the following to be special processes: chemical processing (anodizing, painting, etc...), heat treating, soldering, welding, composites, gasketing, coatings, non-destructive testing, material testing laboratories, castings, additive manufacturing, non-conventional machining and surface enhancements. The list of NASA approved Special Process Suppliers is available at: https://www.nasa.gov/osbp/nasa-vendor-database

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IMSQC014	DFARS Compliance	This Clause prohibits Seller and all Seller's sub-suppliers from incorporating into military parts, components, systems, subsystems, and/or end item deliverables "specialty metals" (identified in the clause, including titanium and stainless steel) which have been melted outside the United States, its possessions, or Puerto Rico, unless certain limited exceptions set forth in the clause or DFARS 225.7003-3 apply. One such exception is for specialty metals melted in a qualifying country or incorporated into an article manufactured in a qualifying country. Those countries are listed at DFARS 225.872-1(a) or (b). If a qualifying country exception applies, the source for specialty metals melted outside the United States must be listed in an applicable Qualified Products List (QPL)
IMSQC015	SUBSAFE	Material on this Purchase Order is defined as SUBSAFE. It is utilized in a critical safety marine application where product failure in service could result in loss of life. <ul style="list-style-type: none"> •SUBSAFE material stored at the supplier's facility must be segregated to preclude intermingling with non-SUBSAFE material. •SUBSAFE material must be positively identified to a Heat/Lot through all phases of manufacture. In the event material traceability is questioned or compromised, the supplier shall immediately notify L3HARRIS for direction. •100% inspection is required. No sampling is permitted. All dimension actuals must be recorded with corresponding gage number utilized. Calibration due date of the gage must also be recorded. •All internal threads shall be formed by cutting. Cold forming of internal threads is not acceptable. •If L3HARRIS has supplied SUBSAFE Material to manufacture items on this Purchase Order, the Supplier must return all residual material, properly identified as initially received, to L3HARRIS upon completion of the purchase order. •Supplier shall ensure that all parts are received with SUBSAFE identification tags. •Traceability of unique identification numbers (heat no. or boule no.) must be maintained throughout the manufacturing process. •Supplier shall ensure that these tags remain with the parts throughout the manufacturing process.
IMSQC050	L3HARRIS In-Process Source Inspection	L3HARRIS Quality Assurance personnel will perform in-process inspection of the material, process, or service identified on the PO at the Supplier's facility. Prior to the beginning of the build process the Supplier shall coordinate with the Buyer's Quality Representative to establish specific inspection stop point(s). In-process source inspection approval or acceptance by the L3HARRIS Quality Representative shall not constitute final approval or acceptance by L3HARRIS of the items covered by this PO, nor shall it relieve the Supplier of their responsibility to furnish acceptable product. The Supplier shall notify the L3HARRIS Buyer a minimum of 7 working days prior to the date the source inspection is required.
IMSQC051	L3HARRIS Final Source Inspection	L3HARRIS Quality Assurance personnel will perform final inspection of the material, process, or service identified on the purchase order at the Supplier's facility. The Supplier shall notify the L3HARRIS Buyer a minimum of 7 working days prior to the date the source inspection is required.
IMSQC052	L3HARRIS Organization Designation Authorization (ODA) Inspection	ODA conformity inspection is required prior to shipment. Arrangement for conformity by a L3HARRIS Organization Designation Authorization Representative must be coordinated through the Buyer a minimum of 3 working days prior to date of conformity inspection.
IMSQC053	Government Source Inspection	Government inspection of the purchased product is required prior to shipment from the Supplier's facility. Upon receipt of the PO, the Supplier shall promptly notify the Government Representative(s) who normally service the supplier's facility to establish a plan for government source inspection. The Government Representative and L3HARRIS Buyer shall be notified a minimum of 2 working days in advance of the time articles or materials are ready for inspection or test.
IMSQC054	NASA Source Inspection	All work on this PO is subject to inspection and test by the Government at any time and place. The Government Quality Representative who has been delegated by NASA Quality Assurance on this procurement shall be notified immediately upon receipt of this order. The Government Representative and L3HARRIS Buyer shall be notified a minimum of 2 working days in advance of the time articles or materials are ready for inspection or test.

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IMSQC055	Buyer's Customer Source Inspection	L3HARRIS's customer will perform final inspection at the Supplier's facility prior to shipment of product. The Supplier shall notify the L3HARRIS Buyer a minimum of 10 working days prior to the date the source inspection is required.
IMSQC056	MRB Containment Source Inspection	The parts on this PO are under L3HARRIS MRB Containment due to a supplier caused issue. L3HARRIS Quality Assurance personnel or 3rd party source inspection representative will perform final inspection of the material, process, or service identified on the purchase order at the Supplier's facility. The Supplier shall notify the L3HARRIS Buyer a minimum of 7 working days prior to the date the source inspection is required.
IMSQC057	Buyer Validation First Article Inspection	The Supplier shall conduct First Article Inspection (FAI) that is equivalent to AS9102 for any parts built to Buyer's specifications, including modifications to COTS parts. The Supplier shall use a representative item from the first production run of a new product to verify that the production processes, production documentation, and tooling have the capability to produce products that meet established requirements. This process shall be repeated, when changes occur that invalidate the original results (e.g., engineering changes, manufacturing process changes, tooling changes, lapse in production for 2 years, change in location). Supplier developed first article inspection processes and/or forms may be used with prior approval by L3HARRIS. The First Article Inspection Report (FAIR) shall be validated at the Supplier's facility or remotely by the Buyer's Quality Representative who shall sign the customer approval section of the form. The FAIR shall be shipped with the product to L3HARRIS. The Supplier shall notify the Buyer a minimum of 10 working days prior to the anticipated date of validation to allow for scheduling.
IMSQC058	Buyer Validation First Article Inspection (AS9102)	The Supplier shall conduct First Article Inspection (FAI) that meets the requirements of AS9102 and L3HARRIS for any parts built to Buyer's specifications, including modifications to COTS parts. The Supplier shall use a representative item from the first production run of a new product to verify that the production processes, production documentation, and tooling have the capability to produce products that meet established requirements. This process shall be repeated, when changes occur that invalidate the original results (e.g., engineering changes, manufacturing process changes, tooling changes, lapse in production for 2 years, change in location). First Article Inspection may be full or partial as defined in SAE standard AS9102 or agreed to with L3HARRIS in writing if different than AS9102. The FAI shall be done using the current revision of SAE AS9102 forms 1, 2 and 3. The FAI shall contain a ballooned drawing to verify all drawing notes. In the event there are multiple instances of the same tools, dies, molds, etc... used to create the product, inspection results from each item potentially used in manufacturing shall be included in the FAI. The First Article Inspection Report (FAIR) shall be validated at the Supplier's facility or remotely by the Buyer's Quality Representative who shall sign the customer approval section of the AS9102 Form. The FAIR shall be shipped with the product to L3HARRIS. The Supplier shall notify the Buyer a minimum of 10 working days prior to the anticipated date of validation to allow for scheduling.
IMSQC059	Supplier Validation First Article Inspection	The Supplier shall conduct First Article Inspection (FAI) that is equivalent to AS9102 for any parts built to Buyer's specifications, including modifications to COTS parts. The Supplier shall use a representative item from the first production run of a new product to verify that the production processes, production documentation, and tooling have the capability to produce products that meet established requirements. This process shall be repeated, when changes occur that invalidate the original results (e.g., engineering changes, manufacturing process changes, tooling changes, lapse in production for 2 years, change in location). Supplier developed first article inspection processes and/or forms may be used with prior approval by L3HARRIS. The First Article Inspection Report (FAIR) shall be shipped with the product to L3HARRIS.

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IMSQC060	Supplier Validation First Article Inspection (AS9102)	The Supplier shall conduct First Article Inspection (FAI) that meets the requirements of AS9102 for any parts built to Buyer's specifications, including modifications to COTS parts. The Supplier shall use a representative item from the first production run of a new product to verify that the production processes, production documentation, and tooling have the capability to produce products that meet established requirements. This process shall be repeated, when changes occur that invalidate the original results (e.g., engineering changes, manufacturing process changes, tooling changes, lapse in production for 2 years, change in location). First Article Inspection may be full or partial as defined in AS9102 or agreed to with L3HARRIS in writing if different than AS9102. The FAI shall be done using the current revision of AS9102 forms 1, 2 and 3. The FAI shall contain a ballooned drawing to verify all drawing notes. In the event there are multiple instances of the same tools, dies, molds, etc... used to create the product, inspection results from each item potentially used in manufacturing shall be included in the FAI. The First Article Inspection Report (FAIR) shall be shipped with the product to L3HARRIS.
IMSQC061	Qualification Test Witness	The Buyer's Quality Representative shall witness qualification tests at the Supplier's or Supplier's sub-tier's facility. The Supplier shall coordinate the test schedule, a minimum of 3 weeks prior to test date with the Buyer's Quality Representative.
IMSQC062	Acceptance Test Witness	The Buyer's Quality Representative shall witness acceptance tests at the Supplier's or Supplier's sub-tier's facility. The Supplier shall coordinate the test schedule, a minimum of 3 weeks prior to test date with the Buyer's Quality Representative.
IMSQC080	APQP	In accordance with AS9145, Seller shall begin implementation of APQP at the time of order or prior to start of production. Seller shall submit an APQP as defined by elements listed below, a minimum of (5) days prior to shipping for review and approval. Further APQP elements can added, as required, by Supplier Quality and will be agree upon by the supplier for inclusion in the APQP Package. The APQP Package shall be submitted to site Supplier Quality and approved prior to the shipment of hardware. Seller shall not ship parts from a production run for L3Harris inspection prior to L3Harris' acceptance of the associated APQP Package. <ul style="list-style-type: none"> •Design Failure Mode and Effect Analysis (DFMEA) (only applicable if seller has design authority) •Key Characteristics (KC) Management (if defined on the drawing) •Process Flowchart(s) •Process Failure Mode and Effects Analysis (PFMEA) •Control Plan(s) •Measurement Systems Analysis (Gage R&R) •First Article Inspection (if not already required by contract)
IMSQC081	PPAP Required	In accordance with AS9145, Seller shall begin implementation of PPAP at the time of order or prior to start of production. Seller shall submit a PPAP as defined by elements listed below, a minimum of (5) days prior to shipping for review and approval. Further PPAP elements can added, as required, by Supplier Quality and will be agree upon by the supplier for inclusion in the PPAP Package. The PPAP Package shall be submitted to site Supplier Quality and approved prior to the shipment of hardware. Seller shall not ship parts from a production run for L3Harris inspection prior to L3Harris' acceptance of the associated PPAP Package. <ul style="list-style-type: none"> •Key Characteristics (KC) Management (if defined on the drawing) •Process Flowchart(s) •Control Plan(s) •First Article Inspection (if not already required by contract)

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IMSQC100	Certification of Conformance (Basic C of C)	<p>The Supplier shall provide a Certificate of Conformance (C of C) certifying that product conforms to the requirements of the PO package including applicable drawings, specifications, processes etc... referenced in the PO. The C of C may be a separate document or included on the packing sheet.</p> <p>Nonconforming material may not be shipped to L3HARRIS without prior written approval. In the event L3HARRIS approves a deviation from the requirements, it must be clearly documented on the C of C and a copy of the approval must accompany the shipment.</p>
IMSQC101	Certification of Conformance (Comprehensive C of C)	<p>The Supplier shall provide a Certificate of Conformance (C of C) certifying that product conforms to the requirements of the PO package including applicable drawings, specifications, processes etc... referenced in the PO. The C of C may be a separate document or included on the packing sheet. The C of C shall accompany each shipment on the PO and shall provide at a minimum:</p> <ol style="list-style-type: none"> 1. Supplier Name and Address 2. L3HARRIS Purchase Order Number, Contract Line Item Number, L3HARRIS and/or Manufacturers Part Number and Revision as applicable, and Quantity 3. Traceability information to the Original Equipment Manufacturer & Address, if different than Supplier 4. Lot number, Date Code and/or Serial Numbers as applicable 5. Signature, Title, and Date by the authorized representative of the issuing organization <p>Nonconforming material may not be shipped to L3HARRIS without prior written approval. In the event L3HARRIS approves a deviation to the requirements, it must be clearly documented on the C of C and a copy of the approval must accompany the shipment.</p>
IMSQC102	Special Process Certification of Conformance (C of C)	<p>The Supplier shall provide a Certificate of Conformance (C of C) certifying that special process(es) performed at the Supplier or their Sub-tiers conforms to the requirements of the PO package including applicable drawings, specifications, processes etc... referenced in the PO. Certifications shall be traceable to lot/batch/serial numbers of the product. The C of C may be a separate document or included on the packing sheet.</p>
IMSQC103	Material Certificate of Authenticity/Analysis (C of A)	<p>The Supplier shall provide actual chemical, physical (elasticity, hardness, etc...), and/or mechanical test data to substantiate the materials provided by the Supplier and their Sub-tiers meet the requirements of the engineering drawing or specification. The tests shall be provided with the first lot and whenever requested thereafter and minimally whenever a material is changed. Material certifications shall be traceable through lot/batch/serial numbers to the original mil documentation. POs that are under DFAR regulations shall include the Country of Origin on the C of A.</p>
IMSQC104	Qualification Test Data	<p>The Supplier shall furnish with each shipment a qualification test report/data sheet. Qualification data shall reflect actual readings (variable data) taken during test, or a check-off sheet when attribute (Go/No-Go) type test equipment is used. Qualification data sheets shall list the parameters tested in each case. The data shall reference the product number, the PO number and product tracking number (e.g. serial number, batch number), if applicable. If the Supplier is not the original manufacturer, the Supplier shall furnish the manufacturer's test report as described above.</p>
IMSQC105	Product Test Data	<p>The Supplier shall furnish with each shipment an acceptance test report/data sheet. Acceptance data shall reflect actual readings (variable data) taken during test, or a check-off sheet when attribute (Go/No-Go) type test equipment is used. Acceptance data sheets shall list the parameters tested in each case. The data shall reference the product number, the PO number and product tracking number (e.g. serial number, batch number), if applicable. If Seller is not the original manufacturer, Seller shall furnish the manufacturer's test report as described above.</p>

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IMSQC106	Dimensional Inspection Data	<p>The Supplier shall provide objective evidence with each shipment that the deliverable item(s) conforms dimensionally to the PO requirements. This shall include Key Characteristics (KCs) as identified on engineering drawings, specifications for entire lot of parts, and sampling results of the Supplier's selected key characteristics that are used to monitor the process based upon part complexity, tight tolerance features, machine capability, tool controls, error-proofing, materials, historical issues, and the Supplier's process knowledge. (Note: Supplier's operator inspection logs may be used in lieu of final inspection reports). AQL Sampling is allowed for the parts delivered. Objective evidence records shall at minimum include hard copies of:</p> <ol style="list-style-type: none"> 1.L3Harris Purchase Order number 2.L3Harris Part number and revision 3.Supplier Part Number and revision (if applicable) 4.Date of test(s) performed 5.Serial number(s) and /or lot number(s) as required 6.AQL used for the inspection 7.Delivery number of run if known (e.g. 1 of 3) 8.Required dimensions and associated tolerances 9.Results Actual dimensions recorded during inspection 10.Identity of person that performed inspection(s) 11.Any additional data required by the Purchase Order
IMSQC107	Optical Inspection Data	<p>The Supplier shall provide objective evidence with each shipment that the deliverable item(s) conforms dimensionally to the PO requirements. This shall include Key Characteristics (KCs) as identified on engineering drawings, specifications for entire lot of parts, and results of the Supplier's selected key characteristics that are used to monitor the process based upon part complexity, tight tolerance features, machine capability, tool controls, error-proofing, materials, historical issues, and the Supplier's process knowledge. (Note: Supplier's operator inspection logs may be used in lieu of final inspection reports). 100% Inspection is required for all parts delivered (AQL sampling is not permitted). Objective evidence records shall at minimum include hard copies of:</p> <ol style="list-style-type: none"> 1.L3Harris Purchase Order number 2.L3Harris Part number and revision 3.Supplier Part Number and revision (if applicable) 4.Date of test(s) performed 5.Serial number(s) and /or lot number(s) as required 6.Raw material certification(s) 7.Geometrical inspection data (including any lower level details) 8.Transmission and reflectance chart(s) 9.Surface power and irregularity measurements 10.Surface map of defects (scratches, digs, stains, etc.) deemed to be within drawing tolerances 11.Results of environmental and durability testing of coating(s) 12.Identity of person that performed inspection(s) 13.Any additional data required by the Purchase Order
IMSQC108	Certificate of Calibration	<p>A Certificate of Calibration that meets the requirements of ANSI-Z-540, ISO 10012-1 or other applicable standard is required to be provided for this item. Supplier shall maintain records that ensure that the product is properly controlled while it is in their possession.</p>

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IMSQC109	Witness Sample/Test Bars/Specimens	The Supplier shall submit with each shipment, witness samples, test bars, test specimens, or test coupons specific to the process being performed: <ul style="list-style-type: none"> •Optical Coatings: The Supplier shall submit one (1) sample to be used for environmental and durability tests. Inspection and tests results must be traceable to the samples tested. •Test Bars: The Supplier shall submit test bars representative of original material. Testing and quantity of test bars required shall be in accordance with the applicable specification or as detailed in the Purchase Order. Appropriate inspection/test results are required and must be traceable to the sample tested. •Specimens: Specimens representing plating, painting, heat treating, or as specified in the applicable specification or PO, shall be supplied with each shipment. Appropriate inspection/test results are required and must be traceable to the sample tested. •PCB Coupons: Test coupon, as detailed in the specification, drawing or PO, must be included with each shipment.
IMSQC110	Failure Analysis Report	The unit associated with this order has failed either in L3HARRIS assembly/test or after delivery to the L3HARRIS Customer and is being returned for repair or replacement. A detailed failure analysis report is required to be provided with the repaired/reworked unit. This analysis shall be of sufficient detail to pinpoint the exact failure mode and mechanism.
IMSQC111	UL Certification	Evidence of UL certification listing for the part number on this order is required to be provided with each delivery.
IMSQC112	Declaration of Incorporation (D of I)	Under the Machinery Directive 2006/42/EC, for all partly completed machinery that is not CE marked, the Supplier shall provide a Declaration of Incorporation in accordance with EN ISO 17050-1:2004. The Declaration of Incorporation must contain the following particulars: <ol style="list-style-type: none"> 1.L3HARRIS Purchase Order Number 2.Business name and full address of the manufacturer of the partly completed machinery and, where appropriate, the manufacturer’s authorized representative 3.Description and identification of the partly completed machinery including, function, model, type, serial number and commercial name 4.A statement declaring which essential health and safety requirements are applied and fulfilled, and, where appropriate, a sentence declaring the conformity of the partly completed machinery with other relevant EU Directives. 5.A statement that the partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of the Directive, where appropriate 6.The place and date of the declaration 7.The identity and signature of the person empowered to draw up the declaration on behalf of the issuing organization.
IMSQC113	RoHS Compliance	All products shipped with this PO shall be RoHS compliant. The Supplier to provide a Certificate of RoHS compliance that includes: <ol style="list-style-type: none"> 1.Supplier Name 2.Reference to the RoHS Directive or amendment Directive 3.Reference to the part number(s) or article(s) being certified 4.Clearly state any RoHS technical exemptions or state No Exceptions 5.Signature of Compliance Certifier

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IMSQC114	REACH Compliance	All products shipped with this PO shall be REACH complaint. The Supplier to provide a Certificate of REACH compliance that includes: 1. Supplier Name 2. Reference to the date of certification per the current SVHC list, (i.e. June 2018) 3. Reference to the part number(s) or article(s) being certified 4. Clearly state if any SVHCs are in the product along with their weights or state that no SVHCs are in product and that all components are REACH compliant 5. Signature of Compliance Certifier
IMSQC115	Statement of Conformity	The Supplier shall provide an FAA form 8130-9 "Statement of Conformity" with each first article, and subsequent revision changes, and shall be signed by an authorized company representative.
IMSQC116	Airworthiness Tags	The Supplier shall provide a FAA Form 8130-3 "Airworthiness Approval Tag" with each individual unit.
IMSQC117	Radiographic Inspection Data	The material on this PO requires inspection by a certified X Ray Laboratory. Each radiograph shall include the image of the part number, part serial number, identification of the area radiographed, and identification of the view direction. The Supplier's techniques are subject to prior approval by the Buyer. The laboratory shall interpret films and the findings reported on an appropriate form. Three copies of the Laboratory report, the radiographic technique, the radiographic sketch, and the radiographs shall accompany the material. In addition, each item shall be stamped with the certified Radiographer's Identification Symbol.
IMSQC118	Destructive Physical Analysis (DPA) Report Required	A Destructive Physical Analysis (DPA) report is required with the delivery of this material. DPA shall be performed to the latest revision of MIL-STD-1580 unless otherwise specified.
IMSQC119	Destructive Physical Analysis (DPA) Required – 1 Piece	Destructive physical analysis (DPA) shall be performed to the latest revision of MIL-STD-1580 unless otherwise specified (one piece prohibited materials analysis required) to the extent required by the individual part type's detailed requirements and procurement specifications. The DPA sample size for each device date code shall be QTY one (1). In addition, prohibited materials analysis for pure tin, zinc, and cadmium shall be performed as part of each DPA. Upon completion of the DPA, the following shall be provided; the DPA samples and/or any residual parts, a hard copy of the DPA report, a digital copy of the DPA report.
IMSQC120	Destructive Physical Analysis (DPA) Required – 2 Piece	Destructive physical analysis (DPA) shall be performed to the latest revision of MIL-STD-1580 unless otherwise specified (one piece prohibited materials analysis required) to the extent required by the individual part type's detailed requirements and procurement specifications. The DPA sample size for each device date code shall be QTY two (2). In addition, prohibited materials analysis for pure tin, zinc, and cadmium shall be performed as part of each DPA. Upon completion of the DPA, the following shall be provided; the DPA samples and/or any residual parts, a hard copy of the DPA report, a digital copy of the DPA report.
IMSQC121	Destructive Physical Analysis (DPA) Required – 3 Piece	Destructive physical analysis (DPA) shall be performed to the latest revision of MIL-STD-1580 unless otherwise specified (one piece prohibited materials analysis required) to the extent required by the individual part type's detailed requirements and procurement specifications. The DPA sample size for each device date code shall be QTY three (3). In addition, prohibited materials analysis for pure tin, zinc, and cadmium shall be performed as part of each DPA. Upon completion of the DPA, the following shall be provided; the DPA samples and/or any residual parts, a hard copy of the DPA report, a digital copy of the DPA report.

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IMSQC122	Deliverable Laser Damage Threshold Testing Data	The material on this PO requires Laser Damage Threshold Testing (LDT) to be provided as part of the shipment. The part/parts sent for LDT testing must be a representative piece from the lot of parts or product manufactured. Failure of LDT testing may result in rejection of the whole lot at the discretion of L3HARRIS.
IMSQC123	Deliverable ATP Data	<p>Supplier shall prepare and submit an Acceptance Test Procedure (ATP) for L3HARRIS review and approval prior to the first shipment of parts. As a minimum the ATP shall include:</p> <ul style="list-style-type: none"> •ATP Number •ATP Revision •Part Number of item to be tested •Part Name to be tested (If applicable) •Issue Date and/or Revision Date •Test Equipment to be used •Alternate Test Equipment specified (If applicable) •Indicates tests to be performed •Test Conditions (Environmental if applicable) •Indicates parameters and limits •Page Numbers and Total Page Numbers •Preparation and Approval Signatures <p>Each data sheet shall include:</p> <ul style="list-style-type: none"> •Objective Evidence of compliance •Part Name, Part Number, and Serial Number •Test Document paragraph correlation •Date Tested, Final Acceptance and Acceptor Identification
IMSQC150	CE Marking	Commercial Off The Shelf (COTS) equipment shall be specified to be compliant with the European Directives by having the CE marking on the product.
IMSQC151	Engineering/Prototype Identification	The Supplier shall mark on the product and packing list the words "Prototype - Engineering Use Only". Marking on the product may be by stencil, label, or attached tag. If product cannot be marked due to the lack of marking space or the marking would have a detrimental effect on the product, the marking shall be applied to the supplemental container (bag, box, etc...). Prototype and production product shall not be co-mingled.
IMSQC152	Identification of Manufacturer	The Supplier of the product being delivered against this PO shall provide the name, address and cage code, when applicable, of the manufacturer (mark on shipper and/or the smallest unit container). Use of other manufacturers or distributors does not relieve the Supplier of their responsibility of meeting all of the requirements of this PO.
IMSQC153	OEM Marking	The Supplier shall include on the packing list the name of the OEM and the OEM's part number.
IMSQC154	Lot/Date Code Separation	The Supplier shall ensure each lot/date code shipped is identified and packaged separately. Lot/date codes shall not be co-mingled. The shipping document and individual part containers shall list lot/date codes and quantity. Each tape and reel package shall consist of one lot/date code only.
IMSQC155	Lead Free Identification	All lead free material must be marked as "Pb-free" or "Lead-free" on the component carrier (i.e., SMT Reel).
IMSQC156	Optical Film Packaging	Each piece of optical film shall be individually placed into a bag to prevent contamination. Once film is in the bag, place a rigid piece of cardboard on either side of bag. Cardboard shall then be secured with tape on at least two edges of the cardboard and shall be labeled with optical film part number. The packaging sequence shall be as follows: cardboard/bagged film/cardboard/cardboard/bagged film/cardboard. Place material flat into a container to prevent deformation.
IMSQC157	Electrostatic Discharge (ESD) Packaging	Static sensitive devices shall be packed in a manner that protects/shields the devices from the hazards of ESD in accordance with ANSI/ESD S541 and ANSO/ESD STM 11.31. The device packaging must also be clearly marked with ESD caution symbols that comply with ANSI/ESD S8.1.201, Symbols – ESD Awareness. All unterminated connectors shall be protected with ESD dust caps.

IMS Clause ID	IMS Clause Title	IMS Clause Description
IMSQC158	Moisture/Reflow Sensitive Devices Packaging	The handling, packing, identification, shipping and use of Moisture/Reflow sensitive Surface Mount Devices shall comply with the requirements of IPC/JEDEC J-STD-033. Moisture/Reflow Sensitivity classification for non-hermetic solid state Surface Mount Devices shall comply with the requirements of IPC/JEDEC J-STD-020.
IMSQC159	Adhesive Gaskets Packaging	Adhesive gaskets shall be packaged with cardboard inserts between each part to prevent damage. Parts shall be packaged flat in a box to prevent deformation.
IMSQC160	Tape & Reel Packaging	Tape and reel packaging and processing shall be performed in accordance with the latest revision of ANSI/EIA-481.
IMSQC161	Zener Diode Packaging	Components shall be packaged for shipment so that the cathode terminal is free standing and no stress can be imparted to these terminals during shipment. Packaging using cardboard vertical separators without supporting cathode or loosely bagged in bulk is NOT acceptable.
IMSQC162	Packaging Underwater Range Cables	<p>Cable Delivered on Reels Cables weighing more than 8,000 pounds must be on steel reels. Cable reel marking shall be waterproof, securely fastened to the reel and include: Manufacturer Name, Reel Identification Nnumber, Reel Gross Weight, Cable Identification Number(s), and actual Cable length(s). The bottom end and both ends of any intermediate layer of each cable shall have a minimum of 2 meters available to pull out of the reel for testing. The cable shall be identified on each end with a waterproof factory cable identification number, traceable to data package.</p> <p>Cable Delivered in Containers Cable(s) shall be panned in an appropriately sized container so that the minimum bend radius of the cable is not violated and is cribbed with welded steel cribbing so that the cable cannot shift during shipment. The bottom end and both ends of any intermediate layer of each cable shall have a minimum of 30 meters of cable available to pull out of the container for testing. The cable shall be identified on each end with a waterproof factory cable identification number, traceable to data package.</p> <p>Cable Delivered in Pans Cable(s) shall be panned in steel pans. The pans for truck shipment shall be a maximum of 144 inches wide. The bottom end and both ends of any intermediate layer of each cable shall have a minimum of 30 meters of cable available to pull out of the pan for testing. The cable shall be identified on each end with a waterproof factory cable identification number, traceable to data package.</p>
IMSQC200	Age of Electronic Components (2 years)	All electronic components shall be from lots manufactured no more than two (2) years from the date ordered. Exceptions to this must be approved by L3HARRIS.
IMSQC201	Age of Electronic Components (3 years)	All electronic components shall be from lots manufactured no more than three (3) years from the date ordered. Exceptions to this must be approved by L3HARRIS.
IMSQC202	Age of Electronic Components (5 years)	All electronic components shall be from lots manufactured no more than five (5) years from the date ordered. Exceptions to this must be approved by L3HARRIS.
IMSQC203	Age of Electronic Components (variable)	All electronic components shall be from lots manufactured no more than the time period specified on this PO from the date ordered. Exceptions to this must be approved by L3HARRIS.
IMSQC250	Supplier Record Retention (10 years)	Supplier record retention shall be 10 years. Documents, including previous revisions, shall be filed in a protected, retrievable manner. Previous revisions of documents shall not be present where work is being performed. Supplier records can include, but are not limited to: Supplier manufacturing & inspection records, material certs, special process records, L3HARRIS supplied drawings & specifications. If parts are QPL/QML qualified, that record retention requirement shall take precedence.

IMS Clause ID	IMS Clause Title	IMS Clause Description
IMSQC251	Supplier Record Retention (20 years)	Supplier record retention shall be 20 years. Documents, including previous revisions, shall be filed in a protected, retrievable manner. Previous revisions of documents shall not be present where work is being performed. Supplier records can include, but are not limited to: Supplier manufacturing & inspection records, material certs, special process records, L3HARRIS supplied drawings & specifications. If parts are QPL/QML qualified, that record retention requirement shall take precedence.
IMSQC252	Supplier Record Retention (Lifetime)	Supplier record retention shall be for the lifetime of the product. Documents, including previous revisions, shall be filed in a protected, retrievable manner. Previous revisions of documents shall not be present where work is being performed. Supplier records can include, but are not limited to: Supplier manufacturing & inspection records, material certs, special process records, L3HARRIS supplied drawings & specifications. If parts are QPL/QML qualified, that record retention requirement shall take precedence.
IMSQC253	Single Lot/Date Code	All material must be from one lot number or date code. All material shall be identified by the manufacturer's CAGE Code and lot number or date code either on the part itself, on the packing list, or Certificate of Conformance. Multiple lots, batches, manufacturer's batches or date codes will not be accepted unless approved in writing by L3HARRIS prior to shipment.
IMSQC254	Two Way Traceability	Components used in this procurement shall be traceable, by part number, lot / date code, and Supplier at a minimum, from the bill of materials to the assembly and from the assembly to the bill of material to provide L3HARRIS the ability to recall specific assemblies or to identify specific parts on the assembly.
IMSQC255	Validation of Raw Materials	The Supplier shall periodically validate test reports and/or perform testing to validate raw materials as well as raw materials used to produce fabricated (machined) purchases. The Supplier shall maintain the raw material validation results and provide objective evidence upon request.
IMSQC300	Drop/Direct Shipments	This item is being drop shipped to a location other than L3HARRIS. The following documentation shall be provided to L3HARRIS: 1.Certificate of Conformance 2.Packing Slip 3.Proof of Delivery (Waybill) 4.Drop Ship Form 5.Required documents as applicable: first article inspection report, material certificate of analysis, special process certification, dimensional inspection data, acceptance test data, test coupons, pictures of the product showing general condition and identification of the product and other unique documentation as requested by the Buyer 6.Documentation showing verification that all L3HARRIS delegated activities for product release have been completed by the Supplier, including activities performed by sub-tier suppliers. A checklist is encouraged.
IMSQC301	Anonymity	No subcontract, purchase orders or internal work transfers which involve design, manufacture, production, assembly, inspection or test, in a location not in the United States, of equipment, assemblies or parts which are not covered by the specification or a standard listed in MIL-E-16400, MIL-P-11268, or MIL-E-5400 shall be made under this contract without specific approval by the contracting officer. All 98230 code identification, and all 0nxxxxx marking, when required, will be performed by the Supplier at an in-country facility. Purchase orders and drawings provided to offshore sources will not carry any 98230 or 0nxxxxx identification, nor will they reveal the contract number or program name. The Supplier further agrees to include this clause in all subcontracts or POs placed on Sub-tiers under this contract for equipment, assemblies, accessories or parts. The Supplier shall inform the Buyer in advance of any offshore procurement or internal work transfers on this PO. This anonymity clause requirement is in addition to any ITAR restrictions imposed on the PO.

IMS Clause ID	IMS Clause Title	IMS Clause Description
IMSQC302	Red Plague Protection	<p>Wires and Cables supplied on this PO shall be packaged for shipment and storage to protect the silver coated or annealed copper conductors from Red Plague (cuprous/cupric oxide corrosion) in accordance with IPC J-STD-001 Space Addendum.</p> <p>1.Packaging/Preservation for Silver-Plated Ethylene-Tetrafluoroethylene (ETFE) insulated wire:</p> <p>a.Wire and cable ends shall be capped with heat shrinkable end-caps conforming to SAE-AMS-DTL-23053/4, or sealed with a material such as an insulating electrical varnish for a length of approximately 25 mm (1 in.).</p> <p>b.The wire shall be wrapped with plastic material that is taped or tied then wrapped with cushioning material.</p> <p>c.Wire shall not be stored in air-tight sealed containers/bags.</p> <p>2.Packaging/Preservation for Silver-Plated Non - ETFE insulated wires and Silver-Plated Braid wire:</p> <p>a.Wire shall be shipped and stored in sealed water-vapor-proof packaging (i.e.: Moisture Barrier Bag, dry pack, etc.), activated desiccant, and humidity indicator card.</p> <p>i.Water-vapor-proof protection packaging shall meet MIL-STD-2073-1E Method 51. Moisture Barrier Bags (MBB) shall meet MIL-PRF-81705, TYPE 1.</p> <p>ii.The bagged, activated desiccant shall conform to MIL-D-3464 Type 2 or equivalent. The minimum quantity of desiccant to be used (unit packs) shall be based on the protective package's interior exposed surface area, in accordance with MILSTD- 2073-1E, Method 50, Formula 1, or equivalent.</p> <p>iii.The humidity indicator card shall be either an Irreversible Indication (50-60-70-80-90% RH) card or a combination Irreversible/Reversible Humidity Indicator (50-60-70-80-90% RH) card conforming to MIL-I-8835 or equivalent.</p> <p>b.Wire received with a humidity indicator card with equal to or greater than 70% RH is unacceptable.</p>
IMSQC303	Lot Homogeneity	<p>A lot, identified by a single PO, shall be manufactured from materials from a single heat, melt, or blow. If it is necessary to use materials from more than one heat, melt, or blow to complete this order, the items shall be segregated by heat, melt, or blow number and be fully traceable to the heat, melt, or blow number of any particular item. In all cases, traceability shall be maintained by the Supplier of the hardware.</p>
IMSQC304	Buyer's Approved Supplier/Manufacturer's List/Qualified Parts List (ASL/AML/QPL)	<p>Only materials from Buyer's Approved Supplier/Manufacturer's List (ASL/AML) may be supplied on this PO, unless the Buyer provides written authorization to deviate from the ASL/AML. Sources of supply listed in the AML take precedence over sources of supply listed in the drawing when in conflict.</p>