

SOW-00-837-1-09962A-2/1  
OCTOBER 1999

STATEMENT OF WORK  
FOR THE  
**MINE CLEARANCE LAUNCHER**  
**MK 154**  
**NSN 1055-01-226-6338**  
*Inspect Repair Only As Necessary*  
(IROAN)

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STATEMENT OF WORK FOR THE  
MINE CLEARANCE LAUNCHER MK 154  
Inspect Repair Only As Necessary (IROAN)

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor in the IROAN effort of the **Mine Clearance Launcher (MCL) MK 154**, hereafter referred to as the **MK 154**. This document contains requirements to restore the **MK 154** to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction. Includes materiel with more than 6 months shelf-life remaining." National Stock Number (NSN) **1055-01-226-6338** shall be known as the **MK 154**.

1.1 Background. IROAN is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 MILITARY SPECIFICATIONS/STANDARDS.

- MIL-C-46168 - Coating, Aliphatic Polyurethane, Chemical Agent Resistant.
- MIL-C-53039 - Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant.
- MIL-STD-129 - DoD Standard Practice for Military Marking
- MIL-STD-130 - Identification Marking of US. Military Property
- MIL-STD-461 - Requirements for the control of Electromagnetic Interference Emission and Susceptibility.
- MIL-STD-2073-1C - DoD Standard Practice for Military Packaging

MILITARY STANDARDS - (Guidance Only).

- MIL-STD-973 - Configuration Management

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2.2 Other Government Documents and Publications. The following other Government documents, publications, and engineering drawings form a part of this SOW to the extent specified herein.

**OTHER GOVERNMENT DOCUMENTS**

- |                    |  |
|--------------------|--|
| DOD 4000.25-1-M    | - MILSTRIP Manual  |
| DODD 4160.21-M-1   | - Defense Demilitarization Manual  |
| NAVICPINST 4491.2A | - Requisitioning of Contractor Furnished Material From The Federal Supply System |
| MEARS DTD          | MEARS Document Type Definition (DTD)   |

**OTHER PUBLICATIONS**

- |                  |  |
|------------------|--|
| SL-3-09962A      | - Launcher, Mine Clearance MK 154 Mod 0  |
| TM 09962A-13&P/2 | - Mark 1 Mod 0 Mine Clearance System   |
| TI-09962A-35/1   | - Fabrication and Installation of Electrical Connector Guard for the Launcher, Mine Clearance MK 154 |
| TM 3080-12       | - Corrosion Prevention and Control for Marine Corps Equipment  |
| TM 3080-50       | - Corrosion Control Procedures Depot Maintenance Activities for Marine Corps Equipment.              |
| TM 4700-15/1H    | - Ground Equipment Record Procedures.  |
| TM 4750-15/1     | - Painting and Registration Marking for Marine Corps Combat and Tactical Equipment.                  |
| TM 4750-15/2     | - Camouflage Paint Patterns.   |

**ENGINEERING DRAWINGS**

Marine Corps

- |             |                                   |
|-------------|-----------------------------------|
| 835028A0000 | - Mine Clearance Launcher, MK 154 |
| 835028B0000 | - Container Assembly for MK 154   |

2.3 Industry Standards.

ANSI/ISO/ASQC Q9001-1994 - Quality Systems-Model for Quality Assurance in Design, Development, Production, Installation, and Servicing

ASTM D3951-98 - Standard Practice for Commercial Packaging

Copies of military specifications and standards are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Commander, Marine Corps Logistics Bases, (Code 891) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Commander (Code 825-3), Marine Corps Logistics Bases, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6410 or DSN 567-6410.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, facilities, missing parts, and repair parts necessary to inspect, diagnose, restore, and test the **MK 154**. Upon completion of IROAN, repaired equipment shall be Condition Code "A".

b. Provide all tools and test equipment required to test, inspect, repair, and calibrate the **MK 154**.

c. Conduct in-process and final on-site testing for witness by an MCLB, Albany, representative.

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the **MK 154**.

3.2 Detail Tasks. The following tasks describe the different phases for IROAN of the **MK 154**.

3.2.1 Phase I - Pre-induction. A pre-induction inspection analysis shall be performed for each **MK 154** using the Contractor's diagnosis, inspection and testing techniques to determine extent of work and parts required. This inspection shall included all items associated with the **MK 154** as found in SL 3 09962A, TM 09962A-13&P/2, and TI 09962A-35/1. These findings shall be annotated on a Pre-Induction Check list that shall become Appendix A to this SOW and shall be provided to the government in accordance with Paragraph 4.0 of this SOW.

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3.2.2 Phase II - IROAN. After pre-induction tests and inspections have been completed, repair of the **MK 154** shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist, (Appendix A), during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of mandatory parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. Pre-Induction Checklist - Information recorded on the Pre-Induction Checklist report shall be used as a guide to repair the **MK 154** system in accordance with this SOW.

b. Technical Instruction (TI) - All TI's not previously applied to the **MK 154** shall be applied during the IROAN and shall be annotated on Equipment Record Jacket in accordance with TM 4700-15/1H.

c. Corrosion - For corrosion prevention and treatment use TM 3080-12 and TM 3080-50.

d. Fluid Leaks - The following shall be used as a guide in determining degree of fluid loss:

(1) Class I - Seepage of fluid (as indicated by wetness or discoloration) not great enough to form drops.

(2) Class II - Leakage of fluid great enough to form drops, but not enough to cause drops to fall from the item being checked/inspected.

(3) Class III - Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

**NOTE:**

A Class I Leak, except in fuel or brake systems, is an acceptable condition at any time and does not require corrective action.

e. Belts - Replace all.

f. Data Plates - All required data plates and decals shall be in place and shall be legible. Each repaired **MK 154** shall have an IROAN data plate affixed to the main unit in close proximity to the existing data plate. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1 and shall contain the Equipment Serial Number, date of IROAN, Date of SOW, SOW number, and Company name of contractor completing work.

g. Painting/Coating (Exterior/Interior) - If painting/coating is required, the **MK 154** shall be cleaned in accordance with TM 3080-50, Chapter 4, and coated with Aliphatic Polyurethane Coating, in accordance with MIL-C-46168 or MIL-C-53039 using TM 4750-15/2 as pattern guidance if required.

h. Demilitarization - All end items that are identified as non-repairable and require demilitarization codes, shall be reported to the Marine Corps Logistics Bases representatives Code 837-1, who will provide disposition instructions in accordance with DODD 4160.21-M-1.

i. Electromagnetic Emission - All requirements pertaining to control of electromagnetic interference, emission and susceptibility shall be in accordance with MIL-STD-461.

j. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory, safety, and one-time use items, etc., in accordance with TM 09962A-13&P/2. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present and operational on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

k. Hoses - All hoses and fittings shall be visually inspected for damage or deterioration. Any hose showing signs of leakage, kinking or separation of outer coating shall be replaced. This inspection shall be performed during the OTI of the **MK 154**.

l. Cable Assemblies - All cables and cable connections shall be tested and visually inspected for damage or corrosion. Any cable or cable connector showing signs of damage, corrosion or separation of outer coating shall be repaired/replaced and tested with it's respective component/assembly to assure satisfactory compliance with all operational test

m. Filters - Replace all.

### 3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the **MK 154** shall be conducted in accordance with TM 09962A-13&P/2.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the Contractor. MCLB, Albany, Georgia, representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment parts, components, etc., not required for the test.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB, Albany, Georgia, representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all **MK 154** repaired under the provisions of this SOW shall be accomplished in accordance with TM 09962A-13&P/2. Operational Tests are to be conducted on each **MK 154** upon completion of repairs and prior to the equipment being returned to stock, to insure the unit will perform as required.

### 3.2.4 Phase IV - Packaging, Handling, Storage, and Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items being prepared for domestic shipment and immediate use shall be within its container in accordance with ASTM D 3951-98. Preservation and packaging for long term storage or immediate shipment to overseas destinations shall be level "A" in accordance with MIL-STD-2073-1C, Method 10.

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

### 3.3 Configuration Management

#### 3.3.1 Configuration Status Accounting (CSA).

a. The contractor shall record and submit data on retrofit accomplished during Phase II. Any approved Modified Instructions (MIs) or Engineering Change Proposals (ECPs) shall be applied during Phase II of the IROAN process.

b. The Contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The government will identify the configuration changes to be inspected by furnishing a Configuration Inspection Checklist to the Contractor. The Contractor shall use one checklist per **MK 154** to record the inspection findings along with other required data.

c. The Contractor shall record serial numbers of the assemblies listed on the Configuration Inspection Checklist. The Contractor shall also record the information on the Equipment Record Jacket in accordance with TM 4700-15/1H

3.3.2 Configuration Control. The performance requirements for the **MK 154** is under formal configuration control. The baseline configuration for the MK 154 has been established by Marine

Corps Drawing numbers 835028A0000 for the MCL and 835028B0000 for the container and applicable MIs and ECP's. Any configuration changes affecting performance shall be documented by the Contractor submitting Request for Deviations or Request for Waivers. MIL-STD-973, paragraphs 5.4.3, 5.4.4, and Appendix E can be used as a guide in preparing these requests.

The contractor shall apply configuration control to established configuration items. The contractor shall not implement a design or performance change to items without receiving prior authorization from the contracting activity. The need to deviate from the written procedures or materials contained in technical manuals/engineering drawings shall be requested by the electronic submission of Request for Deviation/Request for Waivers (RFD/RFW.) MIL-STD-973 (paragraph 5.4.3 and 5.4.4) provides guidance for preparing these configuration change documents.

The contractor shall be furnished with the MEARS Document Type Definition (DTD), and either the associated template for the production of electronic RFD/RFWs or the MEARS CREATE application. All electronic change submissions shall be prepared in accordance with the DTD. The submissions of electronic files shall be accomplished by the originator placing the RFD/RFW files on MCLBA shared server drive, FS Group Shared files1@ALADMA05@Servers on "Street Talk" (G), or equivalent address. The originator shall notify the contracting activity of a RFD/RFW residing on applicable server by e-mail. As an alternative to placing the RFD/RFWs on the server, the originator may e-mail the document using .zip files

### 3.4 Quality Assurance Provisions

The Contractor shall provide and maintain a Quality System that as minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-1994, Quality System Model for Quality Assurance in Design, Development, Production, Installation, and Servicing.

### 3.5 Acceptance

The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours. Final inspection and acceptance testing shall be conducted at the Contractor. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

### 3.6 Rejection

Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB, Albany, representative. The Contractor shall, at no additional cost to MCLB, Albany, Georgia, provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. Upon approval of a documented approach, the Contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

3.7 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM) GFE is government owned equipment authorized by contract for use by a commercial/Government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA/G316-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.8 Contractor Furnished Materiel (CFM). The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A) In the event that Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DoD Supply System. DOD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

#### 4.0 REPORTS

4.1 Repairable Item Inspection Report. The Contractor shall provide a Repairable Item Inspection Report for each **MK 154**. The report shall be identified by United States Marine Corps Serial Number.

4.2 Monthly Progress Reports. The Contractor shall provide Monthly Progress Reports summarizing the progress and status of the IROAN Program.

4.3 Pre-Induction Checklist. The Contractor shall complete the Pre-Induction Inspection Checklist for each **MK 154** repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to MCLB, Albany, Georgia, Code 837-1, after final acceptance of the **MK 154**.

The inspection checklist shall contain, but not be limited to the following:

- (1) **MK 154** serial number. Appendix A
- (2) Condition Code of **MK 154** at receipt. Appendix A
- (3) Results of operational test. Appendix A

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- (4) List of defective parts and assemblies. Appendix B
- (5) List of repair parts and assemblies required for repairs. Appendix C
- (6) Corrosion prevention methods that shall be used. Appendix A



COMPONENT:	Pg	Pass	Fail	Remarks:
Platform, Equipped for Access		_____	_____	_____
Launcher Cylinder Hydraulic Hose Assy	7-45	_____	_____	_____
Launch Cylinder Hose Assys	7-50	_____	_____	_____
Launcher Cylinder	7-52	_____	_____	_____
Launcher Cylinder Swivel Joint	7-54	_____	_____	_____
Elevation Cylinder Hose Assys	7-60	_____	_____	_____
Elevation Cylinder Swivel Joint & Elbows	7-62	_____	_____	_____
Elevation Cylinder Assy	7-65	_____	_____	_____
Elevation Cylinder Manifold	7-68	_____	_____	_____
Elevation Cylinder	7-73	_____	_____	_____
Turnbuckle Connecting Rod	7-75	_____	_____	_____
Elevation Cylinder Linkage Adjustment	7-78	_____	_____	_____
Connecting Rod	7-80	_____	_____	_____
Pivot Pin	7-82	_____	_____	_____
Pivot Bearings	7-84	_____	_____	_____
Center Sheath	7-86	_____	_____	_____
Shield	7-95	_____	_____	_____
Launcher Platform Rail	7-96	_____	_____	_____
Travel Lock Assy	7-99	_____	_____	_____
Pivot Assy	7-101	_____	_____	_____
Bumper	7-105	_____	_____	_____
Stop	7-107	_____	_____	_____
Bracket, Connecting Rod	7-109	_____	_____	_____
Mercury Switch Box	7-110	_____	_____	_____
Pendulum Box Assy	7-110	_____	_____	_____
Rockets Power Distribution Box	7-111	_____	_____	_____
Rocker Arm	7-114	_____	_____	_____
Support Arm	7-116	_____	_____	_____
Arm Sheath	7-118	_____	_____	_____
Port/Starboard Intermediate Sheath	7-134	_____	_____	_____
Sequence Lock Manifold	7-135	_____	_____	_____
Sequence Lock Manifold	7-139	_____	_____	_____
Hydraulic Assys		_____	_____	_____
Support Arm Tube Assys	7-142	_____	_____	_____
Elbow	7-146	_____	_____	_____
Elbow Bracket	7-151	_____	_____	_____
Three-Hole Bulkhead	7-153	_____	_____	_____
Tube Angle Mounting	7-156	_____	_____	_____
Launcher Housing Tube Assy	7-159	_____	_____	_____
Junction Box A	7-162	_____	_____	_____
COMPONENT:	7-169	_____	_____	_____

	Pg	Pass	Fail	Remarks:
Junction Box B	7-172	_____	_____	_____
Limit Switch	7-172	_____	_____	_____
Limit Switch Arm Bracket	7-175	_____	_____	_____
Wiring Harness W15	7-177	_____	_____	_____
Pivot Bracket	7-179	_____	_____	_____
Spring	7-185	_____	_____	_____
Test Plugs	7-187	_____	_____	_____
Nipple	7-188	_____	_____	_____
Coupler	7-189	_____	_____	_____
Lower Seal	7-191	_____	_____	_____
Sheath	7-193	_____	_____	_____
Intermediate Housing Sheath	7-195	_____	_____	_____
Port Housing Guard	7-199	_____	_____	_____
Starboard Housing Guard	7-200	_____	_____	_____
Forward Port Housing Guard	7-202	_____	_____	_____
Aft Port Housing Guard	7-203	_____	_____	_____
Forward Starboard Housing Guard	7-205	_____	_____	_____
Aft Starboard Housing Guard	7-206	_____	_____	_____
Port/Starboard Bar	7-208	_____	_____	_____
Swivel Elbow (Port H2)	7-209	_____	_____	_____
Tie-Down and Adapter Assy	7-211	_____	_____	_____
Tie-Down Adapter	7-214	_____	_____	_____
Tie-Down Assy	7-216	_____	_____	_____
Aft Wall Guard	7-217	_____	_____	_____
Aft Guard Assy	7-218	_____	_____	_____
Aft Port Guard	7-219	_____	_____	_____
Aft Starboard Guard	7-221	_____	_____	_____
Forward Guard Assy	7-223	_____	_____	_____
Cable Guide	7-225	_____	_____	_____
Starboard Cable Guide	7-227	_____	_____	_____
Aft Port Cable Guide	7-229	_____	_____	_____
Lower Engine Access Cover Latch	7-231	_____	_____	_____
Upper Engine Access Cover Striker	7-233	_____	_____	_____
Rail	7-234	_____	_____	_____
Center Channel Assy	7-237	_____	_____	_____
Aft Pallet Rail Tie-Down Bracket	7-239	_____	_____	_____
Port/Starboard Ramp	7-241	_____	_____	_____
Rear Pallet Assy	7-243	_____	_____	_____
Wear Plate	7-244	_____	_____	_____
Quick Release Pins	7-247	_____	_____	_____
Starboard Ramp Crossmember	7-248	_____	_____	_____
Ramp Wear Plates		_____	_____	_____
Aft Pallet	7-250	_____	_____	_____
COMPONENT:	7-253	_____	_____	_____
Forward Pallet Assy	7-255	_____	_____	_____

	Pg	Pass	Fail	Remarks:
Housing to Forward Pallet Hose Assys	7-258	_____	_____	_____
Capstan Hydraulic Hose Assy		_____	_____	_____
Forward Pallet Rail Tie-Down Bracket	7-263	_____	_____	_____
Quick Disconnect Coupler Fitting	7-266	_____	_____	_____
Power Distribution Box Assy	7-269	_____	_____	_____
Quick Disconnect Nipple Fitting	7-273	_____	_____	_____
200A Circuit Breaker	7-274	_____	_____	_____
2A Circuit Breaker	7-274	_____	_____	_____
10A Circuit Breaker	7-277	_____	_____	_____
200A Relay	7-279	_____	_____	_____
10A Relay	7-281	_____	_____	_____
Terminal Block	7-283	_____	_____	_____
Indicator Light Assy	7-287	_____	_____	_____
Toggle Switch	7-290	_____	_____	_____
Slave Plug	7-293	_____	_____	_____
Capstan with Hydraulic Motor Assy	7-295	_____	_____	_____
Capstan Drum	7-297	_____	_____	_____
Reduction Gearbox	7-299	_____	_____	_____
Reduction Gearbox	7-304	_____	_____	_____
Lubricating Oils	7-305	_____	_____	_____
Reduction Gearbox Oil Change	7-307	_____	_____	_____
Hydraulic Filter Change		_____	_____	_____
Capstan Hydraulic Motor	7-307	_____	_____	_____
Hydraulic Power Unit	7-309	_____	_____	_____
Manual Hydraulic Pump	7-311	_____	_____	_____
Manual Hydraulic Pump Handle	7-316	_____	_____	_____
Electric Motor/Hydraulic Pump	7-323	_____	_____	_____
Electric Motor/Hydraulic Pump	7-327	_____	_____	_____
Control Manifold	7-328	_____	_____	_____
Reservoir Assy	7-332	_____	_____	_____
Sight Glass	7-335	_____	_____	_____
Relief Valve	7-339	_____	_____	_____
Pressure Gauge	7-343	_____	_____	_____
Manual Pump Outlet Tube	7-345	_____	_____	_____
Manual Pump Inlet Tube	7-346	_____	_____	_____
Clip Spring	7-347	_____	_____	_____
Hydraulic Pump Inlet Tube	7-349	_____	_____	_____
Hydraulic Pump Outlet Tube	7-351	_____	_____	_____
COMPONENT:	7-351	_____	_____	_____
Wiring Harness W12	7-351	_____	_____	_____

	Pg	Pass	Fail	Remarks:
Wiring Harness W13	7-353	_____	_____	_____
Wiring Harness W14	7-355	_____	_____	_____
Arm Switch	7-357	_____	_____	_____
Control Box	7-358	_____	_____	_____
Control Box & Mounting	7-360	_____	_____	_____
Brackets Assy	7-360	_____	_____	_____
Brackets	7-360	_____	_____	_____
Lamps	7-362	_____	_____	_____
Selector Knob	7-364	_____	_____	_____
Toggle Switch Guard	7-365	_____	_____	_____
Receptacles	7-366	_____	_____	_____
Receptacle Connections	7-367	_____	_____	_____
10A Relay	7-371	_____	_____	_____
Relay Connections	7-374	_____	_____	_____
Filters	7-377	_____	_____	_____
Filter Connections	7-379	_____	_____	_____
System Power Switch	7-382	_____	_____	_____
System Power Switch	7-383	_____	_____	_____
Connections	7-385	_____	_____	_____
Panel Light	7-386	_____	_____	_____
Panel Light Connections	7-389	_____	_____	_____
Push Switches	7-391	_____	_____	_____
Push Switch Connections	7-394	_____	_____	_____
Rotary Switch	7-395	_____	_____	_____
Rotary Switch Connections	7-399	_____	_____	_____
Launch Angle Indicator	7-400	_____	_____	_____
Circuit Board Assy	7-404	_____	_____	_____
Circuit Board Assembly	7-404	_____	_____	_____
Connections	7-407	_____	_____	_____
Indicator Light	7-408	_____	_____	_____
Indicator Light Connections	7-412	_____	_____	_____
Raise/Lower Switch	7-414	_____	_____	_____
Raise/Lower Switch	7-416	_____	_____	_____
Connections	7-417	_____	_____	_____
Electric Wire	7-420	_____	_____	_____
Wire Connections		_____	_____	_____
Container, Top		_____	_____	_____
Container , Bottom		_____	_____	_____
Gasket, Container Joint		_____	_____	_____
		_____	_____	_____
		_____	_____	_____
		_____	_____	_____
		_____	_____	_____







Hydraulic Pump Outlet Tube  
Wiring Harness W12  
COMPONENT:  
Wiring Harness W13  
Wiring Harness W14  
Arm Switch  
Control Box  
Control Bx & Mounting Brackets Assy  
Brackets  
Lamps  
Selector Knob  
Toggle Switch Guard  
Receptacles  
Receptacle Connections  
10A Relay  
Relay Connections  
Filters  
Filter Connections  
System Power Switch  
System Power Switch Connections  
Panel Light  
Panel Light Connections  
Push Switches  
Push Switch Connections  
Rotary Switch  
Rotary Switch Connections  
Launch Angle Indicator  
Circuit Board Assy  
Circuit Board Assy Connections  
Indicator Light  
Indicator Light Connections  
Raise/Lower Switch  
Raise/Lower Switch Connections  
Electric Wire  
Wire Connections  
Container, Top  
Container , Bottom  
Gasket, Container Joint

REMARKS:

ADDITIONAL OBSERVATIONS:

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**CONTRACT DATA REQUIREMENTS LIST**  
(1 Data Item)

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OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b>		
		TDP	TM	OTHER <input checked="" type="checkbox"/>

<b>D. SYSTEM/ITEM</b> Mine Clearance Launcher MK155	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
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<b>1. DATA ITEM NO.</b> B001	<b>2. TITLE OF DATA ITEM</b> Repairable Item Inspection Report	<b>3. SUBTITLE</b>
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<b>4. AUTHORITY (Data Acquisition Document No.)</b> DI-ILSS-80386	<b>5. CONTRACT REFERENCE</b> SOW 4.1	<b>6. REQUIRING OFFICE</b> MLCBA (837)
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<b>7. DD 250 REQ</b> LT	<b>8. DIST STATEMENT REQUIRED</b>	<b>10. FREQUENCY</b> ASREQ	<b>12. DATE OF FIRST SUBMISSION</b> See Blk 16	<b>14. DISTRIBUTION</b>			
<b>8. APP CODE</b>		<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b> See Blk 16	a. ADDRESSEE	b. COPIES		
					Draft	Final	
					Reg	Repr	

<b>16. REMARKS</b> Contractor format is authorized. Blk 10 - A separate report shall be submitted for each Mine Clearance Launcher MK155 repaired. Blks 12 & 13 - Submit report by Marine Corps Serial Number 30 days after completion of each Mine Clearance Launcher MK155. Blk 14 - Reports shall be provided on hard copy. Distribution Statement A: Approved for public release, distribution is unlimited.	<b>14. DISTRIBUTION</b>	MCLBA (837-1)	0	1	0
	<b>15. TOTAL</b>	→	0	1	0

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>G. PREPARED BY</b> <i>Laurence C. Reno</i>	<b>H. DATE</b> 10/21/99	<b>I. APPROVED BY</b> <i>Gerald R. Hall</i>	<b>J. DATE</b> 10/21/99
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**CONTRACT DATA REQUIREMENTS LIST**  
(1 Data Item)

Form Approved  
OMB No. 0704-0188

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<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____ <b>X</b>
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<b>D. SYSTEM/ITEM</b> Mine Clearance Launcher MK155	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
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<b>1. DATA ITEM NO.</b> C001	<b>2. TITLE OF DATA ITEM</b> Request For Waiver	<b>3. SUBTITLE</b> Configuration Management
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<b>4. AUTHORITY (Data Acquisition Document No.)</b> DI-CMAN-80641B	<b>5. CONTRACT REFERENCE</b> SOW 3.3.2	<b>6. REQUIRING OFFICE</b> MCLBA (825)
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<b>7. DD 250 REQ</b> LT	<b>8. DIST STATEMENT REQUIRED</b> A	<b>10. FREQUENCY</b> ASREQ	<b>12. DATE OF FIRST SUBMISSION</b> SEE BLK 16	<b>14. DISTRIBUTION</b>	
<b>8. APP CODE</b>	<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b>	a. ADDRESSEE		b. COPIES
					Draft
					Final
					Reg
					Repro

<b>16. REMARKS</b> Blk 4 - Contractor format is authorized. Blks 10 & 12 - RFWs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation. RFWs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. RFWs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil Distribution Statement A: Approved for public release; distribution is unlimited.	MCLBA (825-2)	0	1	0
<b>15. TOTAL</b>	0	1	0	

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>G. PREPARED BY</b> <i>David J. Smith</i>	<b>H. DATE</b> 10-4-99	<b>I. APPROVED BY</b> <i>Harold R. Hall</i>	<b>J. DATE</b> 10/21/99
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**CONTRACT DATA REQUIREMENTS LIST**  
(1 Data Item)

Form Approved  
OMB No. 0704-0188

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<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____ <b>X</b>
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<b>D. SYSTEM/ITEM</b> Mine Clearance Launcher MK155	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
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<b>1. DATA ITEM NO.</b> C002	<b>2. TITLE OF DATA ITEM</b> Request For Deviation	<b>3. SUBTITLE</b> Configuration Management
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<b>4. AUTHORITY (Data Acquisition Document No.)</b> DI-CMAN-80640B	<b>5. CONTRACT REFERENCE</b> SOW 3.3.2	<b>6. REQUIRING OFFICE</b> MCLBA (825)
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<b>7. DD 250 REQ</b> LT	<b>9. DIST STATEMENT REQUIRED</b> A	<b>10. FREQUENCY</b> ASREQ	<b>12. DATE OF FIRST SUBMISSION</b> SEE BLK 16	<b>14. DISTRIBUTION</b>		
<b>8. APP CODE</b>	<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b>	<b>a. ADDRESSEE</b>		<b>b. COPIES</b>	
				Draft	Final	
					Reg	Repro

<b>16. REMARKS</b> Blk 4 - Contractor format is authorized.  Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.  RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.  RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil  Distribution Statement A: Approved for public release; distribution is unlimited.	<b>14. DISTRIBUTION</b>	<b>a. ADDRESSEE</b>	<b>b. COPIES</b>		
	MCLBA (825-2)	0	1	0	
<b>15. TOTAL</b> →			0	1	0

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>G. PREPARED BY</b> <i>Douglas Sun</i>	<b>H. DATE</b> 10-7-99	<b>I. APPROVED BY</b> <i>Stewart Hall</i>	<b>J. DATE</b> 10/21/99
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