SOW-00-833-1-08211D-3/1
2 November 1999

STATEMENT OF WORK
(SOW)

FOR THE

FIREFINDER RADAR SCREENING PROGRAM

NSN 5840-01-450-6708

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1.0 SCOPE: This Statement of Work (SOW) establishes, sets forth tasks and identifies the work effort that the Contractor will perform to screen and repair Firefinder Radar Equipment (Circuit Cards). These documents contain requirements to restore the Firefinder Radar Circuit Cards to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction, including material with more than 6 months shelf-life remaining." Within this SOW, the term Line Replaceable Unit refers to the Firefinder Radar Circuit Cards listed in Appendix (D), which the Firefinder Radar Inventory Manager, at Marine Corps Logistics Bases (MCLB) Albany, Georgia, will periodically update. Screening or repairing of Circuit Cards not listed in Appendix (D), will only be performed when expressly authorized, in writing, by the Firefinder Radar Inventory Manager. When screened or repaired, the Contractor will assign the appropriate condition code to the Circuit Cards.

1.1 Background: Repair 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 referred herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1C	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking

Military Standards (For Reference Only)

MIL-STD-973	Configuration Management

2.2 Industry Standards

ANSI/EIA-625	Requirements for Handling-Electrostatic-Discharge-
ANSI/ISO/ASQC Q9003-1994	Quality Systems

2.3 Other Government Documents and Publications: The issue of those documents cited below shall be used.

DMWR 11-5840-354	DMWR AN/TPQ46A

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 Weapons System Manager (WSM): Commander, Marine Corps Logistics Bases, (Code 833-1) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-5432 or DSN 567-5432. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn:

Code 825-3, 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, 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, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the Firefinder Radar Circuit Cards (Appendix D). Upon completion of screening, the subject Circuit Cards shall be Condition Code "A".

b. Requisition replacement parts from the applicable source of supply.

c. Ensure the Circuit Cards are modified to current configuration. If a modification has not been applied, indicate on the Limited Technical Inspection at time of induction, as prescribed in paragraph 3.2.1.

3.2 Detail Tasks. The following tasks describe the different phases for screening/repair of the Firefinder Radar Circuit Cards.

Phase I	Pre-Induction
Phase II	Repair
Phase III	Inspection, Testing and Acceptance
Phase IV	Packaging, Handling, Storage and Transportation (PHS&T)

3.2.1 Phase I - Pre-Induction. A pre-induction inspection analysis shall be performed for each Circuit Card within 5 working days of induction into the Contractor's facility for evaluation of repair capability. If repair is not feasible, assign CC "F", otherwise assign CC "M" and induct into repair cycle. Standard Form 364 (Appendix B) and Report DA-2404 (Appendix A) shall be used to report all anomalies and shall be provided to the government in accordance with section 4.0 of this SOW.

3.2.2 Phase II – Repair: After pre-induction tests and inspections have been completed, repair of the Circuit Cards shall be accomplished in accordance with this SOW. Deficiencies noted on Appendix A and Appendix B during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. **Hardware**

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety, and one-time use items.

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

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

b. **Publications and Documentation:** The Contractor shall use appropriate technical documentation to restore the Circuit Cards to the condition code "A" as discussed in paragraph 1.1.

c. The following Standards shall be used to assist the Contractor:

MIL-STD-973	Configuration Management
DMWR 11-5840-354	DMWR AN/TPQ46A

d. Repair time shall not exceed ninety days as a norm. The Firefinder Radar Inventory Manager shall monitor and direct retention or return to stock if it is anticipated that the repair time will exceed ninety days.

3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, Testing, and Acceptance of each Firefinder Radar Circuit Cards shall be conducted in accordance with the applicable Technical Manuals listed in section 3.2.2c.

b. The Contractor shall be responsible for conducting all required tests on the Circuit Cards.

c. The Contractor shall be responsible for correcting deficiencies identified during inspection/ testing. MCLB (Code 833-1), Albany, Georgia, representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

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 long term storage or shipment to everseas destinations shall be in accordance with level "A" requirements of MIL-STD-2073-1C, Appendix J, Table J.Ia., Specialized Preservation Code "GX" for those items of Federal Supply Class (FSC) 5998 and 5999. Those items of FSC 5840 and 5895 shall be level "A" in accordance with MIL-STD-2073-1C, Appendix A, Table A.VI., Electronic Equipment. All items packaged under "GX" shall be placed in a reusable fast pack container. Items being prepared for immediate use or domestic shipment shall be packaged in accordance with level "B" requirements of both packaging methods above.

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

c. The Marine Coprs will provide the Contractor with the shipping address(es) for dilivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment of the equipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associatd with shipping the subect equipment to and from the Contractor.

3.3 Configuration Management: The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an

item's documented performance or design characteristics without receiveing prior written authorization. The baseline configuration has been defined by the written procedures or materials contained in manuals, standards, instructions or engineering drawings. If it is necessary to depart from the authorized configuration baseline, the contractor shall submit a Request for Deviation or Request for Waiver using MIL-STD-973, paragraph 5.4.3 or 5.4.4., as a guide.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel(GFM). GFE is government owned equipment authorized by contract for use by commercial/Government contractor. It is neither consumed during production not incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into the 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 GRE Accountablility agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets.

3.5 Electrostatic Discharge (ESD) Control Program: The Contractor shall establish, implement and document an ESD control program following the guidelines provided in ANSI/EIA-625. ESD protective measures shall be used during manufacturing, handling, inspection, test, marking, packaging, storing and transporting ESD sensitive components.

3.6 Quality Assurance Provisions: The Contractor shall provide and maintain a Quality System that has a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality System Model for Quality Assurance in Final Inspection and Test. The program shall ensure quality throughout all areas to include design, fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the Contractor shall be responsible for performance of all inspection requirements. The Government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.7 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 QA representatives shall be permitted to observe the work or to conduct inspections at all reasonable hours. Final inspection and acceptance testing shall be conducted at the Contractor's facility. Final acceptance shall be conducted on 100% of items to verify that the units meet all requirements.

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

a. Develop a corrective action plan to correct deficiencies.

b. Upon approval of a corrective action plan, the Contractor shall correct the deficiencies and repeat the verification until all requirements are met.

4.0 REPORTS

4.1 In fulfilling the specified requirements, the Contractor is required to submit:

a. A Monthly Status Report shall be submitted to the inventory manager by the 10th of each month. The report should include reviewed ECPs, significant events, site visit maintenance actions, funding data, and point of contact information for Firefinder Radar Circuit Cards.

b. A Monthly Firefinder Radar Screening Program Report, Appendix (C), which shall include all data from the previous months for the current fiscal year. The report should include all completed and In-process items in NSN sequence. This report shall be submitted no later than the tenth of the following month.

c. The reports shall be submitted via E-Mail to the Firefinder Radar Inventory Manager (IM), with courtesy copies to the Weapon System Manager (WSM) and Equipment Specialist (ES). E-mail addresses:

drakejd@matcom.usmc.mil	John Drake - Item manager
watersdw@matcom.usmc.mil	Darrell Waters – Equipment specialist

d. Prior to the submission of the final report (15 October), the Contractor shall close out the Screening Program Master Work Schedule Line item number that provides program funding. Non-closure shall not be cause for delay of the final report.

e. Provide a five year estimate of the funding required to support the repair of Firefinder Radar Circuit Cards. The report shall be due to the Inventory Manager by 31 March of each year for funding planning purposes for the coming fiscal year.

5.0 COST AND FINANCIAL ADMINISTRATION

a. Upon completion of negotiations, the agreed upon price shall remain fixed for the duration of the repair effort, or through the end of the fiscal year, whichever comes first. The price for any work to be performed for the next fiscal year shall be developed by the repair facility, and shall be submitted to MCLB (Code 833-1), Albany, by 15 August to allow for processing of agreed upon documentation, prior to the beginning of the fiscal year.

b. The specific procedures, which shall be used to transfer funds under this SOW, shall be determined by financial management representatives of the two activities. On a quarterly basis, the Military Interdepartmental Purchase Request (MIPR) shall be used for transfer of funds between the parties to this SOW. The Contractor shall submit final obligation by one (1) week prior to the end of the fiscal year. This agreement shall go into effect when funds are transferred to the Contractor.

c. The Program Pricing Policy for repair costs shall be determined as follows:

1. Labor cost shall be calculated and recorded against each item processed based on agreed labor hour rates.

2. Parts costs shall be stratified over the dollar value (Standard Unit Price) of each item processed to include “lot-quantity” materials.

3. The pricing policy shall allow for determination of fund balances based on Monthly Firefinder Radar Screening Program Reports and must equal the total funded for a fiscal year upon completion of the last in process items for that fiscal year.

4. MCLB Albany shall annually review and establish general program pricing policy as necessary.

d. The Contractor shall maintain complete fund accounting, according to current regulations and the procedures identified in this SOW.

e. The Contractor and MCLB Albany shall conduct a financial review no later than 1 July to determine the funding required for the remainder of the fiscal year. MCLB Albany shall take the lead in scheduling the date and time for the financial review.

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG						
1. ORGANIZATION				2. NOMENCLATURE and MODEL		
2. REGISTRATION/SERIAL/NSN	4a. MILES	4b. HOURS	4c. ROUNDS FIRED	4d. HOT STARTS	5. DATE	6. TYPE INSPECTION
7. APPLICABLE REFERENCES						
TM NUMBER		TM DATE		TM NUMBER		TM DATE
COLUMN a - Enter TM number. COLUMN b - Enter applicable condition status Symbol.				COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.		

COLUMN c - Enter deficiencies and shortcomings.	COLUMN e - Individual ascertaining completed corrective action initial in this column.
STATUS SYMBOLS	
"X" - Indicates a deficiency in the equipment that places it in an inoperative status. CIRCLED "X" - Indicated a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until the corrective action can be accomplished. HORIZONTAL DASH "(-)" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.	DIAGONAL "(/)" - Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLACK-BLUE INK, OR PENCIL - Indicates that a satisfactory condition exists. FOR AIRCRAFT - Status symbols shall be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED

TM ITEM NO. a.	STATUS b.	DEFICIENCIES AND SHORTCOMINGS c.	CORRECTIVE ACTION d.	INITIAL WHEN CORRECTED e.

DA FORM 2404
1 APR 79

Procedes edition of 1 Jan 84, which shall be used

INSTRUCTIONS

DEPARTMENT OF DEFENSE: DLAR 4140.55/AR 735.11.2/NAVSUPINST 4440.127E/AFR 400.54/MCO 4430.3E, Reporting of Item and Packaging Discrepancies, and/or DLAR 4140.60/AR 12-12/NAVSUPINST 4920.9B/AFR 67.7/MCO 4140.1B, processing Discrepancy Reports Against Foreign Military Sales Shipments.

CIVILIAN AGENCIES: See FPMR handbook cited in 19 (2) (a).

REPORT OF DISCREPANCY (ROD) _____ SHIPPING _____ PACKAGING	1. DATE OF PREPARATION	2. REPORT NUMBER
3. TO: *(Name and Address, Include ZIP Code)*	4. FROM: *(Name and Address, Include ZIP Code)*	
5a. SHIPPERS NAME	5b. NUMBER AND DATE OF INVOICE	5c. TRANSPORTATION DOCUMENT NUMBER *(GBL, Waybill, TCN, etc.)*
7a. SHIPPER'S NUMBER *(Purchase Order/Shipmnet, Contract, etc)*	7b. OFFICE ADMINISTERING CONTRACT	8. REQUISITIONER'S NUMBER *(Requisition, Purchase Request, etc.)*

9. SHIPMENT, BILLING, AND RECEIPT DATA				10. DISCREPANCY DATA				11.
NSN/PART NUMBER AND NOMENCLATURE (a)	UNIT OF ISSUE (b)	QUANTITY SHIPPED/ BILLED (c)	QUANTITY RECEIVED (d)	QUAN-TITY (a)	UNIT PRICE (b)	TOTAL COST (c)	1 CODE (d)	

12. REMARKS *(continue on separate sheet of paper if necessary)*

1. DISCREPANCY CODES		2. ACTION CODES
CONDITION OF MATERIAL C1 - In condition other than that indicated on release/receipt document C2 - Expired shelf life C3 - Damaged parcel post shipment SUPPLY DOCUMENTATION D! - Not received D2 - Illegible or mutilated D3 - Incomplete, Improper or without authority *(Only when receipt cannot be properly processed)* MISDIRECTED MATERIAL M1 - Addressed to wrong activity OVERAGE/DUPLICATE SHIPMENTS O1 - Quantity in excess of that on receipt document O2 - Quantity in excess of that requested *(Other than unit of issue pack)* O3 - Quantity duplicate shipment PACKING DISCREPANCY P1 - Improper preservation P2 - Improper packing P3 - Improper Marking P4 - Improper unitization	PRODUCT QUALITY DEFICIENCIES Q1 - Deficient material *(Applicable to Grant Aid and FMS shipments)* SHORTAGE OF MATERIAL S1 - Quantity less than that on receipt document S2 - Quantity less than that requested *(Other than unit of issue pack)* S3 - Non-receipt of parcel post shipments ITEM TECHNICAL DATA MARKINGS *(i.e., Name Plates, Log Books, Operating Handbooks, Special Instructions, etc.)* T1 – Missing T2 - Illegible or Mutilated T3 - Precauttionary operational markings missing T4 - Inspection data missing or incomplete T5 - Serviceability operating data missing or incomplete T6 - Warranty data missing WRONG ITEM *(Identify requested item as a separate copy in Item 9. above)* W1 - Incorrect item received W2 - Unacceptable substitute OTHER DISCREPANCIES Z1 - See Remarks	1A - Disposition instructions requested *(Reply on reverse)* 1B - Material being retained *(See Remarks)* 1C - Supporting supply documentation requested 1D - Material still required, expedite shipment *(Not applicable to FMS)* 1E - Local purchase material to be returned at supplier's expense unless disposition instructions to the contrary are received within 15 days *(Reply onreverse) (Not applicable to FMS)* 1F - Replacement shipment requested *(Not applicable to FMS)* 1G - Reshipment not required. Item to be re-requisitioned 1H - No action required. Information only 1Z - Other action requested *(See remarks)*

13. FUNDING AND ACCOUNTING DATA

14a. TYPED OR PRINTED NAME, TITLE, AND PHONE NUMBER OF PREPARING OFFICIAL	14b. SIGNATURE

15. DISTRIBUTION ADDRESSEES FOR COPIES

364-103 7540-00-159-4442 *(Previous edition is obsolete)* STANDARD FORM 364 (Rev. 2-80) (EG)
Prescribed by GSA FPMR 101.20.0

16. FROM:	17. DISTRIBUTION ADDRESSEES FOR DISTRIBUTION

18. TO:

Use window envelope to mail this document. Insert Name and address, including ZIP Code, starting one typing space below the left dot. Each address line must NOT extend beyond right dot. Address must not exceed four single space typing lines.

19. IN ACCORDANCE WITH NOTICE OF DISCREPANCY ON FACE OF THIS FORM:

a. MATERIAL ☐ HAS BEEN ☐ SHALL BE SHIPPED

DOCUMENT NUMBER

b. ☐ NO RECORD OF SHIPMENT. RESUBMIT REPORT TO PROPER OFFICE UNDER APPROPRIATE REGULATION.

c. ☐ AN ADJUSTMENT IN BILLING HAS BEEN/SHALL BE PROCESSED AS A ☐ CREDIT ☐ DEBIT

d. ☐ INVOICE/BILL ATTACHED

e. ☐ PROOF OF DELIVERY (Parcel Post Shipments) OR EVIDENCE

f. ☐ AN ADJUSTMENT IN BILLING FOR THIS REPORTED DISCREPANCY SHALL NOT BE PROCESSED FOR THE FOLLOWING REASON WHICH IS CITED IN THE INDICATED REGULATION

(1) REASON FOR NOT PROCESSING	(2) PRESCRIBING REGULATION
☐ (a) DISCREPANCY WAS NOT REPORTED WITHIN THE TIME FRAMES ALLOWED AND/OR	☐ (a) CHAPTER 5 OF THE GSA HANDBOOK, DISCREPANCIES OR DEFICIENCIES IN GSA OR DOD SHIPMENTS, MATERIALS, OR BILLINGS (FPMR 101.26.8)
☐ (b) DOLLAR VALUE DOES NOT MEET THE CRITERIA PRESCRIBED IN THE REGULATION OR AGREEMENT INDICATED IN 191(2)	☐ (b) CHAPTER 2 AND/OR 7 OF DOD 4000.25.7.M, MILITARY STANDARD BILLING SYSTEM (MILBILLS) AND/OR DD 1513, U.S. DOD OFFER AND ACCEPTANCE, AS APPLICABLE

20. THE FOLLOWING DISPOSITION IS TO BE MADE OF THE REFERENCED MATERIAL

a. ☐ PROCESS FOR DISPOSAL IN ACCORDANCE WITH SERVICE/AGENCY DIRECTIVES	b. ☐ REPRESENTATIVE SHALL CALL FOR DISCUSSION CONCERNING DISPOSITION	DAYS
c. ☐ RETAIN MATERIAL AT NO CHARGE	d. ☐ MATERIAL SHALL BE PICKED UP IN:	DAYS

e. ☐ SHIP MATERIAL *Specify location)*

(1) ☐ GBL APPROPRIATION CHARGEABLE:

(2) ☐ CHARGES COLLECT - VIA: ☐ FREIGHT ☐ EXPRESS ☐ PARCEL POST

(3) ☐ PARCEL POST LABEL ATTACHED (4) ☐ FREIGHT PREPAID

($ postage advance

f. ☐ OTHER *(Specify)*

21 ☐ IF MATERIAL IS STILL REQUIRED, SUBMIT NEW REQUISITION.	22 ☐ REPLACEMENT WITH SATISFACTORY MATERIAL SHALL BE MADE ON/OR BEFORE:	DATE

23. REMARKS *(Continue on separate sheet of paper if necessary).*

24a. TYPED OR PRINTED NAME AND PHONE NUMBER OF PREPARING OFFICIAL	24b. SIGNATURE	24c. DATE

STANDARD FORM 364 BACK (REV. 2-80)

Screening Program Report Form For Firefinder Radar AN/TPQ-46A

FSC	NIIN	Nomenclature	Serial Number	NSN Shipped	Condition Code In	Condition Code out	Date In	Date Out	Hours	Labor Costs	Parts Costs	Total Costs	Standard Unit Price	35% of Standard Unit Cost	Expense Savings
A	b	c	d	e	f	g	h	I	j	k	l	m	n	o	p

1. Reports should be submitted in either Microsoft Excel or Lotus 123.
2. The field widths can be adjusted as required.
3. Column A: enter the FSC
4. Column B: enter the NIIN for the item received into the screening program
5. Column C: enter the item nomenclature
6. Column D: enter the serial number of the item
7. Column E: enter the NSN shipped if different from the one received
8. Column F: enter the condition code of the item received
9. Column G: enter the condition code of the item shipped
10. Column H: enter the date the item was inducted
11. Column I: enter the date the item was shipped
12. Column J: enter the hours spent repairing the item
13 Column K: enter the labor costs to repair the item
14. Column L: enter the parts costs to repair the item
15. Column M: enter the total costs of repair
16. Column N: enter the standard unit price of the item
17. Column O: enter 35% of the standard unit cost
18. Column P: enter the savings or expense on the item

TPQ-46 CCA'S LISTED BY PART NUMBER

PART NUMBER	NSN	NOMENCLATURE
SM-D-803125	5998-01-092-2546	DATA BUS ENCODER
SM-D-803128	5998-01-109-2109	DATA BUS DECODER
SM-D-803140	5998-01-092-2749	CLOCK OSCILLATOR
SM-D-803146	5998-01-092-2750	TILT SENSOR CONVERTER
C5000511	5998-01-092-2751	PHASE SHIFTER DRIVER
1635882-100	5998-01-072-8190	VIDEO B-SCOPE CONVERTER
1635883-100	5998-01-072-8191	COMPUTER MESSAGE CONTROL
1635884-100	5998-01-072-8192	CLOCK/TV SYNC GENERATOR
1635885-100	5998-01-072-8193	CURSOR/VIDEO OUTPUT
1635886-100	5998-01-081-9420	VIDEO B-SCOPE BUFFER
1635910-100	5998-01-072-8195	DOPPLER FILTER
1635911-100	5998-01-072-8196	COEFFICIENT GENERATOR A
1635912-100	5998-01-072-8197	COEFFICIENT GENERATOR B
1635913-100	5998-01-072-4630	PROCESS CYCLE TIMING
1635914-100	5998-01-072-4631	CROSSING DETECT THRESHOLD
1635915-100	5998-01-072-4632	TARGET DETECTOR
1635916-100	5998-01-072-4633	PHASE GAIN BIAS CORRECTION
1635917-100	5998-01-072-4634	GENERAL PURPOSE FLIP-FLOP
1635918-100	5998-01-072-4635	PULSED INTERFERENCE DET.
1635919-100	5998-01-072-4636	TARGET/BITE BUFFER
1635920-100	5998-01-072-4637	1K X 24 RAM
1635921-100	5998-01-072-4638	READ CONTROL
1635922-100	5998-01-072-4639	COMMAND DATA
1635923-100	5998-01-072-4640	COLLECT CYCLE TIMING
1635924-100	5998-01-072-4657	TIMING NO. 1 DECODER
1635926-100	5998-01-072-4641	FRAME DECODER
1635928-100	5998-01-072-4642	MTI CANCELLER
1635929-100	5998-01-072-4563	RECOMBINER
1635930-100	5998-01-072-4643	SIGNATURE GENERATOR
1635931-100	5998-01-072-4644	TRI-STATE MULTIPLEXER
1635932-100	5998-01-072-4645	RECEIVE GAIN CONTROL
1635933-100	5998-01-072-4646	RAM ADDRESS GENERATOR
1635935-100	5998-01-072-4570	DIFFERENTIAL DRIVER/RECEIVER
1635936-100	5998-01-072-8210	VIDEO INPUT REGISTER
1635939-100	5998-01-072-8186	GENERAL PURPOSE REGISTER
1635940-100	5998-01-072-4619	GENERAL PURPOSE GATE
1635941-100	5998-01-072-4648	TIMING NO. 2 DECODER
1635946-100	5998-01-072-8199	4K RAM
1635947-100	5998-01-072-82O0	MEAN LEVEL SELECT

PART NUMBER	NSN	NOMENCLATURE

1635948-100	5998-01-072-8201	ACCUMULATOR
1635949-100	5998-01-072-8202	COMPOSITE GENERATOR
1635950-100	5998-01-072-8220	TRACK IN-PHASE/QUADRAT STRB
1635951-100	5998-01-072-8221	GENERAL VERIFY GATE
1635952-100	5998-01-072-4665	CLUTTER MAP TRK CORRELATOR
1635953-100	5998-01-072-4666	CLUTTER MAP ADDRESS
1635954-100	5998-01-072-4671	CLUTTER MAP INTEGRATOR
1635955-100	5998-01-072-8203	TARGET COUNT
1635956-100	5998-01-072-8204	SIGNAL PROCESS CYCLE GEN.
1635957-100	5998-01-072-8205	COLLECT CYCLE SIGNAL GEN.
1635960-100	5998-01-072-8206	WRITE CONTROL
1635961-100	5998-01-072-8207	COMMAND DATA CONTROL
1635962-100	5998-01-072-8208	SIGNAL DELAY MEAN LEVEL GEN.
1635963-100	5998-01-072-8209	INTEGRATOR LOG CONVERTER
1635964-100	5998-01-072-4651	B-SCOPE INTERFACE CIRCUIT
1635967-100	5998-01-078-5935	SWITCH/ALPHA LOGIC LATCH
1635968-100	5998-01-072-8211	DRIVER INDICATOR
1635970-100	5998-01-072-8222	EASTING ROW/COLUMN DRIVER
1635971-100	5998-01-072-8223	MAP COTROL
1635972-100	5998-01-072-8224	MICROPROCESSOR CONTROL 1
1635973-101	5999-01-192-6490	CART. PRNTR INPUT/OUTPU CONT.
1635975-100	5998-01-072-8225	CLUTTER MAP TRACK UPDATE
1635977-100	5999-01-072-8187	TACFIRE DATA STORAGE
1635979-100	5998-01-072-8188	TACFIRE TIMING
1642175-100	5999-01-072-8228	MEMORY FUNCTION INTERFACE
1642176-100	5998-01-072-8229	ARITHMETIC REGISTER
1642177-100	5998-01-072-8230	MICROSEQUENCER
1642178-100	5998-01-072-8231	READ ONLY MEMORY 1
1642179-100	5998-01-081-9422	READ ONLY MEMORY 2
1642180-100	5998-01-081-9423	READ ONLY MEMORY 3
1642181-100	5998-01-072-4667	REGISTER CONTROL
1642182-100	5998-01-072-8232	8192 X 18 MEMORY
1642183-100	5998-01-072-8212	EXTERNAL MULTIPLEX REGISTER
1642184-100	5998-01-072-8233	EXTENSION EXTERNAL CONTROL
1642185-102	5999-01-192-6508	PRGRM. STAT INSTRCT. DECODER
1642186-100	5998-01-072-4668	FAST MULTIPLIER CORDIC
1642187-100	5998-01-073-5676	I/O COMMON DATA PATH
1642188-100	5998-01-072-4658	I/O COMMON CONTROL
1642189-100	5998-01-072-4659	DUAL CHANNEL CONTROL
1642190-100	5999-01-238-9736	DIAGNOSTICS PANEL INTERFACE
1650873-100	5998-01-081-6886	EXTERNL MULTIPLEXER REGSTR

SM-D-803216	5840-01-088-6656	A OSCILLATOR CARD
C5000821	5840-01-238-9511	B OSCILLATOR CARD

Circuit Cards to be added pending gold disking.

SM-D-803195	5998-01-072-4599	CIRCUIT CARD
SM-D-803222	5998-01-088-6791	CIRCUIT CARD
SM-D-803228	5895-01-088-6772	CIRCUIT CARD
C5089749	5998-01-323-3112	CIRCUIT CARD

CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Firefinder Radar		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Request For Deviation	Configuration Management

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640B	SOW 3.3	MCLBA (825)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		ASREQ	SEE BLK 16

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
A		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
MCLBA (825-2)	0	1	0
15. TOTAL →	0	1	0

16. REMARKS

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: mbmatcommconfigmngmnt@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Diane L Bradley	OCT 19 1999	[signature]	2 Nov 99

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CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Firefinder Radar		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A002	Request For Waiver	Configuration Management

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80641B	SOW 3.3	MCLBA (825)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		ASREQ	SEE BLK 16

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
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Diane L. Bradley	OCT 19 1999	Darrell Watt	2 Nov 99

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