



AUTHORIZED FEDERAL SUPPLY SERVICE
INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES

SIN 132-8 PURCHASE OF EQUIPMENT

FSC CLASS 5820 - RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT
AIRBORNE - Two-Way Radio Transmitters/Receivers/Antennas

NOTE: Installation must be incidental to, in conjunction with and in direct support of the products sold under SIN 132-8 of this contract and cannot be purchased separately. If the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act apply.

SIN 132-12 - REPAIR SERVICE, AND REPAIR PARTS/SPARE PARTS

(FPDS Code J070 - Maintenance and Repair Service)(Repair Parts/Spare Parts
See FSC Class for basic equipment)

SIN 132-33 - PERPETUAL SOFTWARE LICENSES

FSC CLASS 7030 - INFORMATION TECHNOLOGY SOFTWARE
Microcomputers - Application Software; Utility Software; Communications Software

NOTE: Contractors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at <http://www.core.gov>.

CODAN LIMITED

81 Graves Street

Newton SA 5074

Australia

VOICE: 703-361-2721

FAX: 703-361-3812

Internet Address/Web Site: www.codan.com.au

Contract Number: GS-35F-0509P

Period Covered by Contract: May 7, 2004 through May 6, 2014

Pricelist current through Modification No. PS-0014 dated October 19, 2009

General Services Administration

Federal Supply Service

Products and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing the Federal Supply Service's Home Page via the Internet at <http://www.fss.gsa.gov/>



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**INFORMATION FOR ORDERING ACTIVITIES
APPLICABLE TO ALL SPECIAL ITEM NUMBERS**

SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Supply Schedules Program. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!™ on-line shopping service (www.fss.gsa.gov). The catalogs/pricelists, GSA Advantage!™ and the Federal Supply Service Home Page (www.fss.gsa.gov) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

1. GEOGRAPHIC SCOPE OF CONTRACT:

Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

Overseas delivery is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

Offerors are requested to check one of the following boxes:

- The Geographic Scope of Contract will be domestic and overseas delivery.
- The Geographic Scope of Contract will be overseas delivery only.
- The Geographic Scope of Contract will be domestic delivery only.

2. CONTRACTOR'S ORDERING ADDRESS AND PAYMENT INFORMATION:

Codan Limited 8430 KAO Circle Manassas, VA 20110	OR	Codan Limited c/o Authorized Dealer Dealer Address
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Contractor is required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will be acceptable for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

The following telephone number can be used by ordering activities to obtain technical and/or ordering assistance: 703-361-2721

3. LIABILITY FOR INJURY OR DAMAGE: Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

4. STATISTICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279:

- Block 9: G. Order/Modification Under Federal Schedule
- Block 16: Data Universal Numbering System (DUNS) Number: 756060554
- Block 30: Type of Contractor - L. Foreign Contractor
- Block 31: Woman-Owned Small Business - No
- Block 36: Contractor's Taxpayer Identification Number (TIN): 65-0415568

4a. CAGE CODE: Z4842

4b. CENTRAL CONTRACTOR REGISTRATION: Contractor has registered with the Central Contractor Registration Database.

5. FOB POINT: The FOB point is Destination

6. DELIVERY SCHEDULE:

a. TIME OF DELIVERY: Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
132-8	60 Days ARO
132-33	60 Days ARO

b. EXPEDITED DELIVERY: Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
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132-8	45 Days
132-33	45 Days

c. **URGENT REQUIREMENTS:** When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

7. **DISCOUNTS:** Prices shown are NET Prices; Basic Discounts have been deducted.
- a. Prompt Payment: 0% - 30 days from receipt of invoice or date of acceptance, whichever is later.
 - b. Quantity - None
 - c. Dollar Volume - \$50,000-\$99,999 – additional 2%; \$100,000+ - additional 5%
 - d. Government Educational Institutions: Government Educational Institutions are offered the same discounts as all other Government customers.

8. **TRADE AGREEMENTS ACT OF 1979, AS AMENDED:** All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

9. **STATEMENT CONCERNING AVAILABILITY OF EXPORT PACKING:** Available outside the scope of the contract.

10. **SMALL REQUIREMENTS:** The minimum dollar value of orders to be issued is \$100.

11. **MAXIMUM ORDER: (All dollar amounts are exclusive of any discount for prompt payment.)**

- a. The Maximum Order value for the following Special Item Numbers (SINs) is \$500,000:

- Special Item Number 132-8 - Purchase of Equipment
- Special Item Number 132-12 – Maintenance of Equipment
- Special Item Number 132-33 – Purchase of Software

12. **ORDERING PROCEDURES FOR FEDERAL SUPPLY SCHEDULE CONTRACTS:** Ordering activities shall use the ordering procedures of Federal Acquisition Regulation (FAR) 8.405 when placing an order or establishing a BPA for supplies or services. These procedures apply to all schedules.



- a. FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.
- b. FAR 8.405-2 Ordering procedures for services requiring a statement of work.

13. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION

STANDARDS REQUIREMENTS: ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

13.1 FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS

PUBS): Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

13.2 FEDERAL TELECOMMUNICATION STANDARDS (FED-STDS):

Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Supply Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

14. CONTRACTOR TASKS / SPECIAL REQUIREMENTS (C-FSS-370) (NOV 2001):

- a. Security Clearances: Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.



- b. Travel: Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub .L. 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. The Industrial Funding Fee does NOT apply to travel and per diem charges. NOTE: Refer to FAR Part 31.205-46 Travel Costs, for allowable costs that pertain to official company business travel in regards to this contract.
- c. Certifications, Licenses and Accreditations: As a commercial practice, Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.
- d. Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.
- e. Personnel: Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.
- f. Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, The Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.
- g. Documentation/Standards: Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.
- h. Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.
- i. Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.
- j. Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.

15. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES: Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may



exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See C.1.)

16. GSA ADVANTAGE!: GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

- (1) Manufacturer;
- (2) Manufacturer's Part Number; and
- (3) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is <http://www.fss.gsa.gov/>.

17. PURCHASE OF OPEN MARKET ITEMS:

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated at open market purchases. Ordering Activities procuring open market items must follow FAR 8.401(d).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if-**

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));
- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS:



- a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:
- (1) Time of delivery/installation quotations for individual orders;
 - (2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.
 - (3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by The Contractor.
- b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

19. OVERSEAS ACTIVITIES: The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

NOT APPLICABLE

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

20. BLANKET PURCHASE AGREEMENTS (BPAs): The use of BPAs under any schedule contract to fill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

21. CONTRACTOR TEAM ARRANGEMENTS: Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.



22. INSTALLATION, DEINSTALLATION, REINSTALLATION: The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

23. SECTION 508 COMPLIANCE: If applicable and not exempt, Section 508 compliance information on the supplies and services in this contract can be obtained by calling Codan at 703-361-2721. The EIT standard can be found at: www.Section508.gov/.

24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES: Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

(a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and

(b) The following statement:

This order is placed under written authorization from _____ dated _____. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.



25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997)(FAR 52.228-5):

- a. Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.
- b. Before commencing work under this contract, Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—
- (1) For such period as the laws of the State in which this contract is to be performed prescribe; or
 - (2) Until 30 days after the insurer or Contractor gives written notice to the Contracting Officer, whichever period is longer.
- c. Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

26. SOFTWARE INTEROPERABILITY: Contractors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at <http://www.core.gov>.

27. ADVANCE PAYMENTS: A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment is not authorized or allowed under this contract. (31 U.S.C. 3324).



**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT
(SPECIAL ITEM NUMBER 132-8)**

- 1. MATERIAL AND WORKMANSHIP:** All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

- 2. ORDER:** Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order.
For credit card orders and BPAs, telephone orders are permissible.

- 3. TRANSPORTATION OF EQUIPMENT:** FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

- 4. INSTALLATION AND TECHNICAL SERVICES:** The equipment is self-installable.
 - a. **OPERATING AND MAINTENANCE MANUALS.** The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

- 5. INSPECTION/ACCEPTANCE:** The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

- 6. WARRANTY:**
 - a. Unless specified otherwise in this contract, Contractor's standard commercial warranty as stated in the contract's commercial pricelist and below will apply to this contract.

Product Warranty – U.S.

Codan Limited ('Codan') warrants that all equipment manufactured by Codan will be free of defects in workmanship or materials in accordance with this express warranty.



If a customer provides notice to Codan about any defect due to workmanship or materials within the prescribed warranty period, Codan will, subject to the terms of this warranty as set out below, remedy such defect free of charge provided the equipment is returned, freight pre-paid, to Codan or to a service center authorized by Codan.

The prescribed warranty period for equipment manufactured by Codan is three (3) years after shipment to the customer. In addition, where Codan (or a service center authorized by Codan) repairs equipment or supplies spare parts, the prescribed warranty period for the repaired equipment or spare parts is three (3) months after shipment to the customer.

This express warranty shall not extend to any abuse, misuse, accident or improper installation, connection, adjustment or use of goods otherwise than in accordance with instructions issued by Codan. In no event shall Codan be liable for any consequential or incidental damages arising as a result of any defect in the goods provided or services rendered.

This express warranty does not extend to goods supplied by Codan that are not manufactured by Codan. Codan will however, to the extent allowable, make available and pass on to the purchaser any warranty given by the manufacturer.

This express warranty is valid for goods purchased from Codan anywhere in the U.S. Warranty service will be provided in accordance with this express warranty in any where in the U.S. where there is a service center authorized by Codan.

The benefits conferred by this express warranty are in addition to all other rights and remedies which the customer may have under the laws of the United States or the particular State in which Codan's products were purchased to the extent that such Federal or State laws are not excluded or superseded by the term of this express warranty. To the extent permitted by Federal or State law as it may apply, Codan's liability for any condition or warranty is limited to (at Codan's option):

- i. In the case of goods - repairing, replacing or supplying equivalent goods, or paying the cost of any of those remedies; or
- ii. In the case of services - supplying the services again or paying the cost of having the services supplied again.

Codan Limited ('Codan') warrants that all batteries supplied by Codan will be free of faults arising from defects in design, workmanship or materials in accordance with this express warranty.

The following conditions apply to battery cells supplied by Codan.

Codan warrants the Nickel Metal Hydride (NiMh) battery cells to be free from defects in material and workmanship for a period of three (3) years after shipment from the factory.



Codan warrants the Sealed Lead Acid (SLA) battery cells to be free from defects in material and workmanship for a period of one (1) year after shipment from the factory.

The liability of Codan under this warranty shall be limited to the repair or replacement free of charge of NiMh battery cells or SLA battery cells provided notification of such failures or defect is given to Codan immediately upon the same becoming apparent.

This warranty does not extend to cover defects in the battery cells that are due to fair wear and tear, negligent use, tampering, improper handling, improper use, improper operation, improper storage, improper battery management or where the batteries have not been charged, discharged or serviced as per Codan's instructions. Note that battery cell capacity reduces through time and usage and that this is normal. The degree of reduction depends upon the battery cell type.

The warranty is not transferable to third parties.

- b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.
- c. **Limitation of Liability.** Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.
- d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: 8430 KAO Circle, Manassas, Virginia 20110.

7. PURCHASE PRICE FOR ORDERED EQUIPMENT: The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

8. RESPONSIBILITIES OF CONTRACTOR: The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT: When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).



**SERVICE AND REPAIR PARTS/SPARE PARTS FOR GOVERNMENT-OWNED
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT (AFTER EXPIRATION OF GUARANTEE/WARRANTY
PROVISIONS AND/OR WHEN REQUIRED SERVICE IS NOT COVERED
BY GUARANTEE/WARRANTY PROVISIONS) (SPECIAL ITEM NUMBER 132-12)**

1. **SERVICE AREAS:** The repair service rates listed herein are applicable to any ordering activity location. Repair services will be performed at the Contractor's Central Service location at 8430 KAO Circle, Manassas, Virginia 20110 and an ordering agency shall not return equipment to Contractor for repair without prior approval from Contractor.

2. **MAINTENANCE ORDER: NOT APPLICABLE**
 - a. Agencies may use written orders, EDI orders, credit card orders, or BPAs, for ordering maintenance under this contract. The Contractor shall confirm orders within fifteen (15) calendar days from the date of receipt, except that confirmation of orders shall be considered automatic for renewals for maintenance (Special Item Number 132-12). Automatic acceptance of order renewals for maintenance service shall apply for machines which may have been discontinued from use for temporary periods of time not longer than 120 calendar days. If the order is not confirmed by the Contractor as prescribed by this paragraph, the order shall be considered to be confirmed by the Contractor.

 - b. The Contractor shall honor orders for maintenance for the duration of the contract period or a lesser period of time, for the equipment shown in the pricelist. Maintenance service shall commence on a mutually agreed upon date, which will be written into the maintenance order. Maintenance orders shall not be made effective before the expiration of any applicable maintenance and parts guarantee/warranty period associated with the purchase of equipment. Orders for maintenance service shall not extend beyond the end of the contract period.

 - c. Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice, or shorter notice when agreed to by the Contractor; such notice to become effective thirty (30) calendar days from the date on the notification. However, the ordering activity may extend the original discontinuance date upon written notice to the Contractor, provided that such notice is furnished at least ten (10) calendar days prior to the original discontinuance date.

 - d. **Annual Funding.** When annually appropriated funds are cited on a maintenance order, the period of maintenance shall automatically expire on September 30th of the contract period, or at the end of the contract period, whichever occurs first. Renewal of a maintenance order citing the new appropriation shall be required, if maintenance is to continue during any remainder of the contract period.



e. Cross-year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month, fiscal year period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.

f. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of maintenance service, if maintenance is to be terminated at that time. Orders for continued maintenance will be required if maintenance is to be continued during the subsequent period.

3. REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS ORDERS:

a. Agencies may use written orders, EDI orders, credit card orders, blanket purchase agreements (BPAs), or small order procedures for ordering repair service and/or repair parts/spare parts under this contract. Orders for repair service shall not extend beyond the end of the contract period.

b. When repair service is ordered, only one chargeable repairman shall be dispatched to perform repair service, unless the ordering activity agrees, in advance, that additional repair personnel are required to effect repairs. **NOT APPLICABLE. ALL REPAIR SERVICE IS PERFORMED AT CONTRACTOR'S CENTRAL SERVICE LOCATION.**

4. LOSS OR DAMAGE: When the Contractor removes equipment to his establishment for repairs, the Contractor shall be responsible for any damage or loss, from the time the equipment is removed from the ordering activity installation, until the equipment is returned to such installation.

5. SCOPE:

a. The Contractor shall provide maintenance for all equipment listed herein, as requested by the ordering activity during the contract term. **NOT APPLICABLE.**

Repair service and repair parts/spare parts shall apply exclusively to the equipment types/models within the scope of this Information Technology Schedule.

b. Equipment placed under maintenance service shall be in good operating condition. **NOT APPLICABLE. CONTRACTOR DOES NOT PROVIDE MAINTENANCE SERVICE.**

(1) In order to determine that the equipment is in good operating condition, the equipment shall be subject to inspection by the Contractor, without charge to the ordering activity.

(2) Costs of any repairs performed for the purpose of placing the equipment in good operating condition shall be borne by the Contractor, if the equipment was under the Contractor's guarantee/warranty or maintenance responsibility prior to the effective date of the maintenance order.



(3) If the equipment was not under the Contractor's responsibility, the costs necessary to place the equipment in proper operating condition are to be borne by the ordering activity, in accordance with the provisions of Special Item Number 132-12 (or outside the scope of this contract).

6. RESPONSIBILITIES OF THE ORDERING ACTIVITY:

a. Ordering activity personnel shall not perform maintenance or attempt repairs to equipment while such equipment is under the purview of a maintenance order, unless agreed to by the Contractor.

b. Subject to security regulations, the ordering activity shall permit access to the equipment which is to be maintained or repaired.

7. RESPONSIBILITIES OF THE CONTRACTOR: For equipment not covered by a maintenance contract or warranty, the Contractor's repair service personnel shall complete repairs as soon as possible after notification by the ordering activity that service is required. Within the service areas, this repair service should normally be done within ten (10) business days after receipt of equipment for repair by Contractor.

8. MAINTENANCE RATE PROVISIONS – NOT APPLICABLE

a. The Contractor shall bear all costs of maintenance, including labor, parts, and such other expenses as are necessary to keep the equipment in good operating condition, provided that the required repairs are not occasioned by fault or negligence of the ordering activity.

b. REGULAR HOURS

The basic monthly rate for each make and model of equipment shall entitle the ordering activity to maintenance service during a mutually agreed upon nine (9) hour principal period of maintenance, Monday through Friday, exclusive of holidays observed at the ordering activity location.

c. AFTER HOURS

Should the ordering activity require that maintenance be performed outside of Regular Hours, charges for such maintenance, if any, will be specified in the pricelist. Periods of less than one hour will be prorated to the nearest quarter hour.

d. TRAVEL AND TRANSPORTATION



If any charge is to apply, over and above the regular maintenance rates, because of the distance between the ordering activity location and the Contractor's service area, the charge will be:

e. QUANTITY DISCOUNTS

Quantity discounts from listed maintenance service rates for multiple equipment owned and/or leased by a ordering activity are indicated below:

Quantity Range	Discounts
_____ Units	_____ %
_____ Units	_____ %
_____ Units	_____ %

9. REPAIR SERVICE RATE PROVISIONS:

a. CHARGES. Charges for repair service will include the labor charge, computed at the rates set forth below, for the time during which repairmen are actually engaged in work, and, when applicable, the charge for travel or transportation.

b. MULTIPLE MACHINES. **NOT APPLICABLE.** When repairs are ordered by a ordering activity on two or more machines located in one or more buildings within walking distance of each other, the charges will be computed from the time the repairman commences work on the first machine, until the work is completed on the last machine. The time required to go from one machine to another, or from one building to another, will be considered actual work performance, and chargeable to the ordering activity, provided the time consumed in going between machines (or buildings) is reasonable.

c. TRAVEL OR TRANSPORTATION

(1) AT THE CONTRACTOR'S SHOP

(a) When equipment is returned to the Contractor's shop for adjustments or repairs which are not covered by the guarantee/warranty provision, the cost of transportation, packing, etc., from the ordering activity location to the Contractor's plant, and return to the ordering activity location, shall be borne by the ordering activity.

(b) The ordering activity should not return defective equipment to the Contractor for adjustments and repairs or replacement without his prior consultation and instruction.



(2) AT THE ORDERING ACTIVITY LOCATION (Within Established Service Areas)
– **NOT APPLICABLE**

When equipment is repaired at the ordering activity location, and repair service rates are established for service areas or zones, the listed rates are applicable to any ordering activity location within such service areas or zones. No extra charge, time, or expense will be allowed for travel or transportation of repairmen or machines to or from the ordering activity office; such overhead is included in the repair service rates listed.

(3) AT THE ORDERING ACTIVITY LOCATION (Outside Established Service Areas)
– **NOT APPLICABLE**

(a) The repair service rates listed for subparagraph (2) above apply, except that a travel charge of _____ per mile for repairmen will apply to the round-trip distance between the geographic limits of the applicable service area and the ordering activity location. Such charge will apply as an additional charge, but it will be limited to one round trip for each request that is made by the ordering activity for repair service, regardless of whether repairs are performed at the ordering activity location or at the Contractor's shop.

(b) When the overall travel charge computed at the above mileage rate is unreasonable (considering the time required for travel, actual and necessary transportation costs, and the allowable ordering activity per diem rate for each night the repairman is required to remain overnight at the ordering activity location), the ordering activity shall have the option of reimbursing the Contractor for actual costs, provided that the actual costs are reasonable and allowable. The Contractor shall furnish the ordering activity with a report of travel performed and related expenses incurred. The report shall include departure and arrival dates, times, and the applicable mode of travel.

d. LABOR RATES

(1) REGULAR HOURS

The Regular Hours repair service rates listed herein shall entitle the ordering activity to repair service during the period 8:00 a.m. to 5:00 p.m., Monday through Friday, exclusive of holidays observed at the ordering activity location. There shall be no additional charge for repair service which was requested during Regular Hours, but performed outside the Regular Hours defined above, at the convenience of the Contractor.

(2) AFTER HOURS

When the ordering activity requires that repair service be performed outside the Regular Hours defined above, except Sundays and Holidays observed at the ordering activity location, the After Hours repair service rates listed herein shall apply. The Regular Hours



rates defined above shall apply when repair service is requested during Regular Hours, but performed After Hours at the convenience of the Contractor.

(3) SUNDAYS AND HOLIDAYS – NOT APPLICABLE

When the ordering activity requires that repair service be performed on Sundays and Holidays observed at the ordering activity location, the Sundays and Holidays repair service rates listed herein shall apply. When repair service is requested to be performed during Regular Hours and/or After Hours, but is performed at the convenience of the Contractor on Sundays or Holidays observed at the ordering activity location, the Regular Hours and/or After Hours repair service rates, as applicable, shall apply.

REPAIR SERVICE RATES

LOCATION	MINIMUM CHARGE*	REGULAR HOURS PER HOUR**	AFTER HOURS PER HOUR**	SUNDAYS & HOLIDAYS PER HOUR
CONTRACTOR'S SHOP	\$200.00	\$100.00	\$150.00	N/A

ORDERING ACTIVITY LOCATION (WITHIN ESTABLISHED SERVICE AREAS) _____ NOT APPLICABLE

ORDERING ACTIVITY LOCATION (OUTSIDE ESTABLISHED SERVICE AREAS) _____ NOT APPLICABLE

*MINIMUM CHARGES INCLUDE 2 FULL HOURS ON THE JOB.
**FRACTIONAL HOURS, AT THE END OF THE JOB, WILL BE PRORATED TO THE NEAREST QUARTER HOUR.

10. REPAIR PARTS/SPARE PARTS RATE PROVISIONS: All parts, furnished as spares or as repair parts in connection with the repair of equipment, unless otherwise indicated in this pricelist, shall be new, standard parts manufactured by the equipment manufacturer. All parts shall be furnished at prices indicated in the Contractor's then current commercial pricelist at a discount of 2% from such listed prices.

11. GUARANTEE/WARRANTY—REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS:

- a. REPAIR SERVICE: All repair work will be guaranteed/warranted for a period of 3 months.
b. REPAIR PARTS/SPARE PARTS: All parts, furnished either as spares or repairs parts will be guaranteed/warranted for a period of 3 months.



12. INVOICES AND PAYMENTS:

a. Maintenance Service – **NOT APPLICABLE**

(1) Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). **PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.**

(2) Payment for maintenance service of less than one month's duration shall be prorated at 1/30th of the monthly rate for each calendar day.

b. Repair Service and Repair Parts/Spare Parts

Invoices for repair service and parts shall be submitted by the Contractor as soon as possible after completion of work. Payment under blanket purchase agreements will be made quarterly or monthly, except where cash payment procedures are used. Invoices shall be submitted separately to each ordering activity office ordering services under the contract. The cost of repair parts shall be shown as a separate item on the invoice, and shall be priced in accordance with paragraph #10, above. **PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.**



**TERMS AND CONDITIONS APPLICABLE TO
PERPETUAL SOFTWARE LICENSES (SPECIAL ITEM NUMBER 132-33) OF GENERAL
PURPOSE COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE**

1. INSPECTION/ACCEPTANCE: The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software at no increase in contract price. The ordering activity must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the software, unless the change is due to the defect in the software.

2. GUARANTEE/WARRANTY:

a. Unless specified otherwise in this contract, Codan's standard commercial guarantee/warranty as follows will apply to this contract:

i. For CALM software: See Codan's standard commercial warranty as set forth under the terms and conditions for SIN 132-8.

ii. For UUPlus software: Contractor is Licensor's authorized representative in relation to the provision of software support. Contractor warrants that for sixty (60) days from the date first obtained the media (e.g., CDRoms) on which the software is contained will be free from defects in materials and workmanship. Licensor's, Contractor's and their suppliers' entire liability and Licensee's exclusive remedy for any breach of the forgoing warranty shall be, at Contractor's option, either (i) return of the purchase price paid for the license, if any, or (ii) replacement of the defective media in which the software is contained. Licensee must return the defective media to Contractor, as Licensor's authorized representative at Licensee's expense with a copy of its receipt within the warranty period. This limited warranty is void if the defect has resulted from damage due to use outside of which the product was intended. Any replacement media will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer. Contractor further warrants that if properly installed and operated on a computer for which it is designed, the software will perform substantially in accordance with its designed purpose for a period of ninety (90) days from the date the software is first obtained by the Licensee. Licensor's entire liability shall be the replacement of the Software that does not meet Licensor's Limited Warranty. To make a warranty claim, return the Software to Contractor, accompanied by proof of purchase, your name, your address, and a statement of defect, or return the Software with the above information to Licensor. This Limited Warranty is void if failure of the Software has resulted in whole or in part from damage due to use outside of which the product was intended. Any replacement Software will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer. Neither Licensor or Contractor provides any warranty in relation to any third-party software that is provided with the software, but Licensor and Contractor agree to pass on to Licensee any warranties of the owner or licensor to the extent permitted by the owner or licensor.



iii. For ICS Communications software: Licensor warrants that if properly installed and operated on a computer for which it is designed, the software will perform substantially in accordance with its designed purpose for a period of ninety (90) days from the date the software is first obtained by the Licensee. Licensor's entire liability shall be the replacement of the Software that does not meet Licensor's Limited Warranty. To make a warranty claim, return the Software to Contractor, accompanied by proof of purchase, your name, your address, and a statement of defect, or return the Software with the above information to Licensor. This Limited Warranty is void if failure of the Software has resulted in whole or in part from damage due to use outside of which the product was intended. Any replacement Software will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer.

iv. For NGT System Programmer and NGT Telephone Interconnect software: If operated in accordance with the directions and specifications contained in the accompanying materials the Licensor warrants that the Software Package is free from defects in materials and workmanship in normal use and service for a period of 90 days from the date of purchase of the sealed diskette package. Where a defect appears in the Software Package within the 90 day period, you may return it to the Licensor for replacement without charge. Licensor's entire liability shall be the replacement of the Software that does not meet Licensor's Limited Warranty.

b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

c. Limitation of Liability. Except as otherwise provided by an express or implied warranty, Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

3. TECHNICAL SERVICES: The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number at 703-361-2721 for the purpose of providing user assistance and guidance in the implementation of the software. The technical support number is available from 8:00 a.m. to 5:00 p.m. EST, Monday thru Fridays with the exception of federal holidays.

4. SOFTWARE MAINTENANCE:

Codan is not offering software maintenance because the offered software are options for the offered hardware. Software is warranted for a period of five years from date of sale.

5. PERIODS OF TERM LICENSES (132-32) AND MAINTENANCE (132-34): NOT APPLICABLE

a. The Contractor shall honor orders for periods for the duration of the contract period or a lesser period of time.

b. Term licenses and/or maintenance may be discontinued by the ordering activity on thirty (30) calendar days' written notice to the Contractor.



- c. Annual Funding. When annually appropriated funds are cited on an order for term licenses and/or maintenance, the period of the term licenses and/or maintenance shall automatically expire on September 30 of the contract period, or at the end of the contract period, whichever occurs first. Renewal of the term licenses and/or maintenance orders citing the new appropriation shall be required, if the term licenses and/or maintenance is to be continued during any remainder of the contract period.
- d. Cross-Year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month (fiscal year) period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.
- e. Ordering activities should notify Contractor in writing thirty (30) calendar days prior to the expiration of an order, if the term licenses is to be terminated at that time. Orders for the continuation of term licenses and/or maintenance will be required if the term licenses and/or maintenance is to be continued during the subsequent period.

6. CONVERSION FROM TERM LICENSE TO PERPETUAL LICENSE: NOT APPLICABLE

- a. The ordering activity may convert term licenses to perpetual licenses for any or all software at any time following acceptance of software. At the request of the ordering activity Contractor shall furnish, within ten (10) calendar days, for each software product that is contemplated for conversion, the total amount of conversion credits which have accrued while the software was on a term license and the date of the last update or enhancement.
- b. Conversion credits which are provided shall, within the limits specified, continue to accrue from one contract period to the next, provided the software remains on a term license within the ordering activity.
- c. The term license for each software product shall be discontinued on the day immediately preceding the effective date of conversion from a term license to a perpetual license.
- d. The price the ordering activity shall pay will be the perpetual license price that prevailed at the time such software was initially ordered under a term license, or the perpetual license price prevailing at the time of conversion from a term license to a perpetual license, whichever is the less, minus an amount equal to _____% of all term license payments during the period that the software was under a term license within the ordering activity.

7. TERM LICENSE CESSATION: NOT APPLICABLE



a. After a software product has been on a continuous term license for a period of _____ * months, a fully paid-up, non-exclusive, perpetual license for the software product shall automatically accrue to the ordering activity. The period of continuous term license for automatic accrual of a fully paid-up perpetual license does not have to be achieved during a particular fiscal year; it is a written Contractor commitment which continues to be available for software that is initially ordered under this contract, until a fully paid-up perpetual license accrues to the ordering activity. However, should the term license of the software be discontinued before the specified period of the continuous term license has been satisfied, the perpetual license accrual shall be forfeited.

b. The Contractor agrees to provide updates and maintenance service for the software after a perpetual license has accrued, at the prices and terms of Special Item Number 132-34, if the licensee elects to order such services. Title to the software shall remain with the Contractor.

8. UTILIZATION LIMITATIONS – (132-33):

a. Software acquisition is limited to commercial computer software defined in FAR Part 2.101.

b. When acquired by the ordering activity, commercial computer software and related documentation so legend shall be subject to the following:

(1) Title to and ownership of the software and documentation shall remain with Contractor, unless otherwise specified.

(2) Software licenses are by site and by ordering activity. An ordering activity is defined as a cabinet level or independent ordering activity. The software may be used by any subdivision of the ordering activity (service, bureau, division, command, etc.) that has access to the site the software is placed at, even if the subdivision did not participate in the acquisition of the software. Further, the software may be used on a sharing basis where multiple agencies have joint projects that can be satisfied by the use of the software placed at one ordering activity's site. This would allow other agencies access to one ordering activity's database. For ordering activity public domain databases, user agencies and third parties may use the computer program to enter, retrieve, analyze and present data. The user ordering activity will take appropriate action by instruction, agreement, or otherwise, to protect Contractor's proprietary property with any third parties that are permitted access to the computer programs and documentation in connection with the user ordering activity's permitted use of the computer programs and documentation. For purposes of this section, all such permitted third parties shall be deemed agents of the user ordering activity.

(3) Except as is provided in paragraph 8.b(2) above, the ordering activity shall not provide or otherwise make available the software or documentation, or any portion thereof, in any form, to any third party without the prior written approval of Contractor. Third parties do not include prime Contractors, subcontractors and agents of the ordering activity who have the ordering activity's permission to use the licensed software and documentation at the facility, and who have agreed to use the licensed software and documentation only in



accordance with these restrictions. This provision does not limit the right of the ordering activity to use software, documentation, or information therein, which the ordering activity may already have or obtains without restrictions.

(4) The ordering activity shall have the right to use the computer software and documentation with the computer for which it is acquired at any other facility to which that computer may be transferred, or in cases of disaster recovery, the ordering activity has the right to transfer the software to another site if the ordering activity site for which it is acquired is deemed to be unsafe for ordering activity personnel; to use the computer software and documentation with a backup computer when the primary computer is inoperative; to copy computer programs for safekeeping (archives) or backup purposes; to transfer a copy of the software to another site for purposes of benchmarking new

hardware and/or software; and to modify the software and documentation or combine it with other software, provided that the unmodified portions shall remain subject to these restrictions.

(5) "Commercial Computer Software" may be marked with the Contractor's standard commercial restricted rights legend, but the schedule contract and schedule pricelist, including this clause, "Utilization Limitations" are the only governing terms and conditions, and shall take precedence and supersede any different or additional terms and conditions included in the standard commercial legend.

9. SOFTWARE CONVERSIONS: Full monetary credit will be allowed to the ordering activity when conversion from one version of the software to another is made as the result of a change in operating system , or from one computer system to another. Under a perpetual license (132-33), the purchase price of the new software shall be reduced by the amount that was paid to purchase the earlier version.

10. DESCRIPTIONS AND EQUIPMENT COMPATIBILITY: The Contractor shall include, in the schedule pricelist, a complete description of each software product and a list of equipment on which the software can be used. Also, included shall be a brief, introductory explanation of the modules and documentation which are offered. **All software is compatible with Codan products only.**

11. RIGHT-TO-COPY PRICING: NOT APPLICABLE

Contractor shall insert the discounted pricing for right-to-copy licenses.



USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

Codan Limited provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

To actively seek and partner with small businesses.

To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.

To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.

To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.

To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.

To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.

To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact Steve Chipok, Director, Government Sales (703) 334-0388 direct, Steve.Chipok@codan.com.au.



**BEST VALUE
BLANKET PURCHASE AGREEMENT
FEDERAL SUPPLY SCHEDULE**

(Insert Customer Name)

In the spirit of the Federal Acquisition Streamlining Act (Ordering activity) and (Contractor) enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Supply Schedule Contract(s)

_____.

Federal Supply Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Supply Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.

This BPA will further decrease costs, reduce paperwork, and save time by eliminating the need for repetitive, individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the ordering activity that works better and costs less.

Signatures

Ordering Activity

Date

Contractor

Date



BPA NUMBER _____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s) _____, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

(1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE
_____	_____
_____	_____
_____	_____

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
_____	_____
_____	_____
_____	_____

(3) The ordering activity estimates, but does not guarantee, that the volume of purchases through this agreement will be _____.

(4) This BPA does not obligate any funds.

(5) This BPA expires on _____ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE	POINT OF CONTACT
_____	_____
_____	_____
_____	_____

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.



- (8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:
- (a) Name of Contractor;
 - (b) Contract Number;
 - (c) BPA Number;
 - (d) Model Number or National Stock Number (NSN);
 - (e) Purchase Order Number;
 - (f) Date of Purchase;
 - (g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and
 - (h) Date of Shipment.
- (9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.
- (10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.



BASIC GUIDELINES FOR USING “CONTRACTOR TEAM ARRANGEMENTS”

Federal Supply Schedule Contractors may use “Contractor Team Arrangements” (see FAR 9.6) to provide solutions when responding to a ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions of the Federal Supply Schedule Contract.

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customer's needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer’s requirement.
- Customers make a best value selection.

GSA PARTICIPATING DEALERS

Bearcom
Ronny Rigsby
4009 Distribution Drive Suite 200
Garland, Texas 75041
Phone: 214-765-7120
Fax: 214-355-4965
e-Mail: ronnyr@bearcom.com

EDO Corporation
Steve Appling
2325 Charleston Regional Parkway
Charleston, South Carolina 29492
Phone: 843-375-1952
Fax: 843-375-1701
e-Mail: steve.appling@edocorp.com



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Effective: October 19, 2009

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NGT VR

NGT VR Transceiver

Part No:

Price USD

- Comprising:**
- NGT VR 2011 RF Unit with NGT VR 2020 Handset, extension loudspeaker, NGT handset mounting cradle and cables

- Standard features:**
- Innovative handset user interface
 - 20 channels, 1.6–30 MHz, 3 networks
 - Scanning of multiple networks
 - 125 W (PEP), 12 V DC, USB/LSB/AM
 - In-built *Easitalk* speech processing
 - Simultaneous Codan and Open Selcall capability with:
 - Emergency call
 - Selective call
 - Handset programming
 - Meets MIL-STD-810F for shock and vibration

- Optional features:**
- NGT Desk Console
 - Codan Automated Link Management (CALM) compatible with FED-STD-1045 ALE systems
 - Phone call
 - Voice Encryption facility
 - Remote diagnostics with remote configuration and remote disable

NGT VR Transceiver

02-10509

\$1,981



NGT VR Mobile Package		Part No:	Price USD
Comprising:	<ul style="list-style-type: none">▪ NGT VR 2011 RF Unit with NGT VR 2020 Handset, extension loudspeaker, NGT handset mounting cradle and cables▪ 9350 Automatic Tuning Whip Antenna featuring fast tuning and ease of installation, supplied with stainless steel and fibreglass whip tops, interface cable, coaxial cable and spring▪ Vehicle installation hardware, comprising vehicle mounting cradle, DC power cable, vehicle installation kit, and fuse holder with fuse		
Standard features:	<ul style="list-style-type: none">▪ Innovative handset user interface▪ 20 channels, 1.6–30 MHz, 3 networks▪ Scanning of multiple networks▪ 125 W (PEP), 12 V DC, USB/LSB/AM▪ In-built <i>Easitalk</i> speech processing▪ Simultaneous Codan and Open Selcall capability with:<ul style="list-style-type: none">▪ Emergency call▪ Selective call▪ Handset programming▪ Meets MIL-STD-810F for shock and vibration		
Optional features:	<ul style="list-style-type: none">▪ Codan Automated Link Management (CALM) compatible with FED-STD-1045 ALE systems▪ Phone call▪ Voice Encryption facility▪ Remote diagnostics with remote configuration and remote disable		
NGT VR Mobile Package		02-10511	\$3,424



NGT VR Options		Part No:	Price USD
CALM	Option CALM—Codan Automated Link Management (CALM) compatible with FED-STD-1045 ALE systems	15-10479	\$1,440
D	Option D—Diagnostic NGT VR	15-10482	\$155
P	Option P—Phonecall NGT VR	15-10483	\$230
COMSEC	Option COMSEC—Voice Encryptor (Factory Fit)	15-10507-000	\$1,800
100 W	Option 100 W—Reduce transceiver output power to 100 W	15-10502-000	\$0
TxD	Option TxD—Manual Tx Programming Disable	15-10481	\$0



NGT VR Accessories		Part No:	Price USD
704	Code 704—Vehicle interference suppression kit	15-00704	\$131
NSP package	NGT System Programmer (NSP) package Includes: <ul style="list-style-type: none">▪ NSP software CD▪ NSP interface cable NOTE: The NSP software requires Windows® 95/98/2000/XP/NT4/ME operating system.	02-10234	\$367
NSP	NSP software CD	15-04128-EN	\$326
	NSP interface cable	08-05123-001	\$40



NGT SR

NGT SR Transceiver		Part No:	Price USD
Comprising:	<ul style="list-style-type: none"> ▪ NGT SR 2010 RF Unit with NGT SR 2020 Handset, NGT SR 2030 Junction Box, extension loudspeaker, NGT handset mounting cradle and cables 		
Standard features:	<ul style="list-style-type: none"> ▪ Includes NGT SR 2030 Junction Box for system flexibility and configuration ▪ Suitable for remote control and split-site configurations ▪ Innovative handset user interface with multiple handset capability ▪ 400 channels, 1.6–30 MHz, 10 networks ▪ Scanning of multiple networks ▪ 125 W (PEP), 12 V DC, USB/LSB/AM ▪ In-built <i>Easitalk</i> speech processing ▪ Simultaneous Codan and Open Selcall capability with <ul style="list-style-type: none"> ▪ Emergency call ▪ Selective call ▪ Phone call ▪ Message call ▪ Diagnostics ▪ Remote configuration ▪ Remote disable ▪ Handset programming ▪ Meets MIL-STD-810F for shock and vibration ▪ Suitable for 500 W/1000 W High Power Amplifier applications 		
Optional features:	<ul style="list-style-type: none"> ▪ NGT Desktop Console ▪ Additional control points ▪ Codan Automated Link Management (CALM) compatible with FED-STD-1045 ALE systems ▪ GPS facility ▪ Voice Encryption facility ▪ Fan for continuous data capability 		
NGT SR Transceiver		02-10199	\$3,335



NGT SR Mobile Package	Part No:	Price USD
Comprising: <ul style="list-style-type: none">▪ NGT SR 2010 RF Unit with NGT SR 2020 Handset, NGT SR 2030 Junction Box and loudspeaker▪ 9350 Automatic Tuning Whip Antenna featuring fast tuning and ease of installation, supplied with stainless steel and fibreglass whip tops, interface cables (6 m) and spring▪ Vehicle installation hardware, including vehicle mounting cradle, DC power cable, vehicle installation kit, and fuse holder with fuse		
Standard features: <ul style="list-style-type: none">▪ Includes NGT SR 2030 Junction Box for system flexibility and configuration▪ Innovative handset user interface with multiple handset capability▪ 400 channels, 1.6–30 MHz, 10 networks▪ Scanning of multiple networks▪ 125 W (PEP), 12 V DC, USB/LSB/AM▪ In-built <i>Easitalk</i> speech processing▪ Simultaneous Codan and Open Selcall capability with<ul style="list-style-type: none">▪ Emergency call▪ Selective call▪ Phone call▪ Message call▪ Diagnostics▪ Remote configuration▪ Remote disable▪ Handset programming▪ Morse capability▪ Meets MIL-STD-810F for shock and vibration		
Optional features: <ul style="list-style-type: none">▪ Additional control points▪ Codan Automated Link Management (CALM) compatible with FED-STD-1045 ALE systems▪ Battery float charging kit (Code 702)▪ GPS facility▪ Voice Encryption facility▪ Fan for continuous data capability		
NGT SR Mobile Package	02-10230	\$4,778



NGT SR Options		Part No:	Price USD
CALM	Option CALM—Codan Automated Link Management (CALM) compatible with FED-STD-1045 ALE systems	15-10479	\$1,440
GPS	Option GPS—Enable GPS capability NOTE: This product is compatible with GPS receivers providing NMEA-0183 V2.0 (or later) output format. GPS unit not supplied. Contact Codan for recommendation of compatible GPS receivers.	15-10486	\$310
F	Option F—Fan unit for continuous data transmission for NGT series transceiver (Factory Fit)	15-10469-000	\$213
COMSEC	Option COMSEC—Voice Encryptor (Factory Fit)	15-10507-000	\$1,800
NBF	Option NBF—500 Hz Filter, NGT (Factory Fit)	15-10506-000	\$482
100 W	Option 100 W—Reduce transceiver output power to 100 W	15-10502-000	\$0
TxD	Option TxD—Manual Tx Programming Disable	15-10481	\$0
NGT SR Equipment		Part No:	Price USD
Cable, CIB interface, 0.5 m		08-05610-001	\$55



NGT SR Accessories		Part No:	Price USD
704	Code 704—Vehicle interference suppression kit	15-00704	\$131
	Earth wire	08-04515-001	\$14
NSP package	NGT System Programmer (NSP) package	02-10234	\$367
	Includes: <ul style="list-style-type: none">NSP software CDNSP interface cable		
	NOTE: The NSP software requires Windows® 95/98/2000/XP/NT4/ME operating system.		
NSP	NSP software CD	15-04128-EN	\$326
	NSP interface cable	08-05123-001	\$40
GPS	GPS receiver/antenna for the NGT SR Transceiver	08-05362-001	\$469
	Includes: <ul style="list-style-type: none">Receiver/antennaMagnetic mounting bracketNGT transceiver interconnecting cables		
	Features: <ul style="list-style-type: none">Integrated antenna and GPS receiverTracking up to 12 satellites		
	Interface adaptor to enable simultaneous connection of a GPS receiver and a 9001 HF Fax & Data Interface, 9002 or 3012 HF Data Modem to the NGT.	08-05847-001	\$124



NGT ASR Options

		Part No:	Price USD
F	Option F—Fan unit for continuous data transmission for NGT series transceiver (Factory Fit)*	15-10469-000	\$213
COMSEC	Option COMSEC—Voice Encryptor (Factory Fit)*	15-10507-000	\$1,800
ALC	Option External ALC	15-10504-000	\$0
100 W	Option 100 W—Reduce transceiver output power to 100 W	15-10502-000	\$0
TxD	Option TxD—Manual Tx Programming Disable	15-10481	\$0
TxP	Option TxP— Manual Programming Prohibited	15-10491	\$0

NGT ASR Equipment

	Part No:	Price USD
NGT ASR 2010 RF Unit (including WBF and MIL-STD ALE)	08-05628-007	\$4,737
NGT ASR 2020 Handset	08-05629-007	\$275
NGT ASR 2030 Junction Box	08-05630-007	\$471
Handset cradle kit	15-00129	\$11
WBF Option WBF – 2.7 kHz filter, NGT (Factory Fit)	15-10514-000	\$521
WBF Option WBF—3.0 kHz filter, NGT (Factory Fit)	15-10535-000	\$521
Feet, Rubber Self Adhes	30-11208-000	\$2
Cable, CIB interface, 2 m	08-05610-002	\$67
Cable, CIB interface, 6 m	08-05610-006	\$90
Cable, CIB interface, 30 m	08-05610-030	\$227
Getting Started Guide, NGT ASR Transceiver, English	15-04137-EN	\$43



NGT ASR Accessories		Part No:	Price USD
CONSOLE	NGT (SR and ASR) Desk Console incorporating in-built speaker, hand PTT switch, goose-neck microphone, and in-built headphone output	15-10471	\$238
	NGT ASR Control Point Kit incorporating an NGT 2020 Handset and cradle, NGT 2030 Junction Box, loudspeaker and 6 m CIB cable	15-00767	\$874
	Morse key for NGT	15-00662	\$233
	Cable, 2110 to VP116	08-06426-001	\$505
	Cable, VP-116 Interface	08-06213-001	\$315
704	ASR VP-116 Encryptor Junction Box	08-06222-001	\$1,086
	Code 704—Vehicle interference suppression kit	15-00704	\$131
180	Complete vehicle installation kit	15-00180	\$178
	Cradle, NGT RF unit mounting	15-00136	\$110
	Cable, battery, 6 m	08-03255	\$34
	Fuse holder with 32 A fuse	15-00711	\$21
	Fuse, 32 A	15-00712	\$8
	Earth wire	08-04515-001	\$14
	Earth braid	05-06374	\$27
NSP package	NGT System Programmer (NSP) package	02-10234	\$367
	Includes: <ul style="list-style-type: none">▪ NSP software CD▪ NSP interface cable		
	NOTE: The NSP software requires Windows® 95/98/2000/XP/NT4/ME operating system.		



NGT ASR Accessories		Part No:	Price USD
NSP	NSP software CD	15-04128-EN	\$326
	NSP interface cable	08-05123-001	\$40
	USB to DB-9 Serial Port Adapter USB V1.1 compliant and supports Windows® 98/2000/ME/XP.	78-01031	\$104
GPS	GPS receiver/antenna for the NGT ASR Transceiver	08-05362-001	\$469
	Includes: <ul style="list-style-type: none"> ▪ Receiver/antenna ▪ Magnetic mounting bracket ▪ NGT transceiver interconnecting cables Features: <ul style="list-style-type: none"> ▪ Integrated antenna and GPS receiver ▪ Tracking up to 12 satellites 		
	Interface adaptor to enable simultaneous connection of a GPS receiver and a 9001 HF Fax & Data Interface, 9002 or 3012 HF Data Modem to the NGT.	08-05847-001	\$124
	3031 VHF/UHF to HF Crosspatch for NGT	08-06730-001	\$1,385
Crosspatch	3031 VHF/UHF to HF Crosspatch for 2110	08-06730-002	\$1,385
	Cable, 3031 to VHF/UHF Tcvr Generic	08-06766-001	\$25
	Crosspatch 3031 CD Package	15-04148-CD	\$31
	Crosspatch 3031 QRC	06-02489-EN	\$9
	Installation Hardware Kit (Crosspatch)	15-00145	\$11



DATA & FAX

NOTE: Modems are suitable for use with NGT SRx, NGT SR and NGT ASR Transceivers.

Data Modem	Part No:	Price USD
3012 3012 High Speed HF Data Modem		
<p>NOTE: Codan 9102 communications software for PC control of the 3012 can be downloaded from the Codan website. This software requires Windows® 95/98/ME operating system.</p>		
Standard features:	<ul style="list-style-type: none"> ▪ Up to 6000 bps, error-free data transmission (using compression) ▪ In-built data compression ▪ Data scrambled for security ▪ Interoperable with the 9001 HF Fax & Data Interface ▪ In-built serial port optical isolator ▪ Interface cables to PC and NGT transceiver 	
Optional features:	<ul style="list-style-type: none"> ▪ Supports UUPlus® <i>Email for HF</i> Client or Server software 	
	HF Data Modem, 3012 with 1 m data cable	08-05877-001 \$1,784
	HF Data Modem, 3012 with 6 m data cable	08-05877-002 \$1,795



DATA & FAX

Accessories	Part No:	Price USD
Cradle, 3012 HF Data Modem Vehicle mounting	15-00136	\$110
Cable, data interface, 1 m	08-05086-001	\$123
Cable, data interface, 6 M	08-05086-006	\$140
Cable, junction box to modem, 1m	08-05712-001	\$107
Cable, junction box to modem, 6m	08-05712-006	\$149
UUPlus® <i>Email for HF</i> Client software— Single user access to UUPlus® <i>Email for HF</i> Server. For use with the 9001 HF Fax & Data Interface or 3012 HF Data Modem.	08-05980-001	\$235
UUPlus® <i>Email for HF</i> Server software— Email server with support for up to 25 remote or local users and Internet email access. For use with the 9001 HF Fax & Data Interface or 3012 HF Data Modem.	08-05981-001	\$465
Reference Manual, 3012 HF Data Modem, English	15-04104-EN	\$43



HIGH POWER AMPLIFIERS

3061 500 W Power Amplifier Kit	Part No:	Price USD
<p>3061</p> <p>3061 500 W Power Amplifier and 3061 Power Supply Unit</p> <p>Features:</p> <ul style="list-style-type: none"> ▪ 500 W PEP/300 W avg. output power ▪ 100% continuous mode ▪ 100–270 V AC 50/60 Hz supply voltage ▪ Fully protected against all load conditions ▪ Fan forced cooling with thermostatically controlled fans operating on two speeds ▪ 125 W PEP in bypass mode ▪ 19" rack mount (5RU + 5RU) ▪ Interface cables for NGT transceiver (coaxial and control cables) ▪ Slide brackets for 19" rack cabinet <p>NOTE:</p> <ul style="list-style-type: none"> ▪ The 3061 Power Amplifier Kit is suitable for use with the NGT <i>SR</i> and NGT <i>ASR</i> systems. ▪ Ensure the base station antenna is suitable for 500 W operation. ▪ Specify the mains connector type for the 3062 Power Amplifier and Power Supply Unit (AU, EU, UK or US). 	02-10337	\$14,805
3061 500 W Power Amplifier Kit		



3062 1 kW Power Amplifier Kit	Part No:	Price USD
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3062

3062 1 kW Power Amplifier and 3062 Power Supply Unit.

Features:

- 1000 W PEP/600 W avg. output power
- 100% continuous mode
- 100–270 V AC 50/60 Hz supply voltage
- Fully protected against all load conditions
- Fan forced cooling with thermostatically controlled fans operating on two speeds
- 125 W PEP in bypass mode
- 19" rack mount (5RU + 5RU)
- Interface cables for NGT transceiver (coaxial and control cables)
- Slide brackets for 19" rack cabinet

NOTE:

- Unterminated mains cable supplied.
- The 3062 Power Amplifier Kit is suitable for use with the NGT *SR* and NGT *ASR* systems.
- Ensure the base station antenna is suitable for 1000 W operation.

3062 1 kW Power Amplifier Kit

02-10338

\$34,099



POWER SUPPLIES

Transceiver Supplies		Part No:	Price USD
3020	3020 Heavy Duty Transceiver Supply Nominal input: 100–240 V AC +/- 10% (50/60 Hz) Nominal output: 13.8 V DC, 16 A continuous, 20 A peak Designed for environments with unreliable and fluctuating mains systems. Suitable for use with either voice or data stations.		
	3020 Heavy Duty Transceiver Supply with AU lead	08-06054-001	\$529
	3020 Heavy Duty Transceiver Supply with EU lead	08-06054-002	\$529
	3020 Heavy Duty Transceiver Supply with UK lead	08-06054-003	\$529
	3020 Heavy Duty Transceiver Supply with US lead	08-06054-004	\$529
	3020 Heavy Duty Transceiver Supply with EU+UK leads	08-06054-005	\$543

Power Supply Accessories		Part No:	Price USD
175	Code 175—3RU rack-mounting frame for 3020	15-00175	\$78



ANTENNAS

9350 Automatic Tuning Whip Antenna		Part No:	Price USD
9350	9350 Automatic Tuning Whip Antenna Features fast tuning and ease of installation. Meets MIL-STD-810E for shock and vibration. Includes: <ul style="list-style-type: none">▪ 1.6 m standard fibreglass whip▪ 1 m stainless steel whip▪ Spring▪ Handbook▪ NGT control cable (see below)▪ Coaxial cable		
	Antenna, 9350 without cables	02-10063	\$1,137
	Antenna, 9350 with 6 m cables	02-10524	\$1,272
	Antenna, 9350 with 8 m cables	02-10525	\$1,283

Accessories		Part No:	Price USD
323	NVIS kit to suit 9350 Automatic Tuning Whip Antenna for improved short range (0–500 km) communications over frequency range 2–12 MHz Includes: two piece whip antenna, angle adaptor, extension riser, tie down cord kit and fitting instructions	15-00323	\$315
3023	Handbook, 9350 Automatic Tuning Whip Antenna, French	15-03023	\$40
3024	Handbook, 9350 Automatic Tuning Whip Antenna, Spanish	15-03024	\$40
	Cable, Control 9350 to NGT transceiver, 6 m	08-05627-006	\$83

**Base Whip Antennas****Part No:****Price USD****406A**Code 406A—Guyed Vertical Whip Antenna,
9.5 m/31 ft unloadedFor use with most transceivers operating with an
associated antenna tuner. Complete with ground plate
base.NOTE: Coaxial cable not supplied. Requires Code
158 earth mat for ground installations.**Antenna, Vertical (9.5 m ground mounting)****15-00406-001****\$609****Travelling Wave Dipole Antennas****Part No:****Price USD****TWD215**Travelling Wave Dipole Antenna
2–10 MHz (1 kW PEP)Includes: pulleys, halyards and installation
hardware

NOTE: Coaxial cable and mast not supplied.

Antenna, Dipole 2–10 MHz (1 kW PEP)**78-01017****\$3,961****TWD315**Travelling Wave Dipole Antenna
3–15 MHz (1 kW PEP)Includes: pulleys, halyards and installation
hardware

NOTE: Coaxial cable and mast not supplied.

Antenna, Dipole 3–15 MHz (1 kW PEP)**78-01018****\$3,821****TWD525**Travelling Wave Dipole Antenna
5–25 MHz (1 kW PEP)Includes: pulleys, halyards and installation
hardware

NOTE: Coaxial cable and mast not supplied.

Antenna, Dipole 5–25 MHz (1 kW PEP)**78-01019****\$3,713**



Delta Antennas	Part No:	Price USD
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Delta Antenna, 3–30 MHz
(100 W avg/200 W PEP)

NOTE: Coaxial cable, mast or halyard assembly not supplied.

Antenna, Delta (3–30 MHz)	78-01022	\$3,291
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Semi-delta Antennas	Part No:	Price USD
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Semi-delta Antenna, with low frequency kit
2–14 MHz (400 W PEP)

Includes: pulleys, halyards and installation hardware

NOTE:

- Where soil conditions are poor, the low frequency kit is recommended for operation below 3 MHz.
- Coaxial cable and mast not supplied.

Antenna, Semi-delta with low freq. kit	78-01012	\$1,454
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NOTE: The coaxial cable and mast are **not** supplied.

Multi-wire Broadband Dipole Antennas	Part No:	Price USD
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C463 Multi-wire Broadband Dipole Antenna
Useable frequency range: 2–30 MHz
250 W PEP

Includes: Mounting arm for inverted ‘V’ installation, stainless steel antenna wiring, pulleys, rope, halyard, UHF coaxial connector and installation instruction

NOTE: Coaxial cable and mast not supplied.

Antenna, C463 Multi-wire Broadband Dipole, 250 W PEP	15-00463-001	\$453
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C463 Multi-wire Broadband Dipole Antenna

Useable frequency range: 2–30 MHz
500 W PEP

Includes: Mounting arm for inverted ‘V’ installation, stainless steel antenna wiring, pulleys,



Multi-wire Broadband Dipole Antennas		Part No:	Price USD
	rope, halyard, UHF coaxial connector and installation instruction		
	NOTE: Coaxial cable and mast not supplied.		
	Antenna, C463 Multi-wire Broadband Dipole, 500 W PEP	15-00463-002	\$1,607
	C463 Multi-wire Broadband Dipole Antenna		
	Useable frequency range: 2–30 MHz 1 kW PEP		
	Includes: Mounting arm for inverted ‘V’ installation, stainless steel antenna wiring, pulleys, rope, halyard, UHF coaxial connector and installation instruction		
	NOTE: Coaxial cable and mast not supplied.		
	Antenna, C463 Multi-wire Broadband Dipole, 1 kW PEP	15-00463-003	\$2,015

Active Tuned Long Wire Antennas		Part No:	Price USD
403	Code 403—End-fed Long Wire Antenna kit	15-00403	\$102
	Useable frequency range: 2–30 MHz Requires 9103 Automatic Antenna Tuner		
	NOTE: 9103 Automatic Antenna Tuner, coaxial cable and mast not supplied.		

Tuners		Part No:	Price USD
9103	9103 Automatic Antenna Tuner 150 W (PEP) to suit NGT series transceiver		
	Includes: mounting bracket, control cable to suit NGT transceiver (10 m), coaxial interface cable (10 m) and installation/operation handbook		
	Tuner, 9103/NGT	08-04835-013	\$1,027
9103	9103 Automatic Antenna Tuner 150 W (PEP) to suit NGT series transceiver		
	Includes: mounting bracket, control cable to suit NGT transceiver (30 m), coaxial interface cable		



Tuners	Part No:	Price USD
(30 m) and installation/operation handbook		
Tuner, 9103/NGT with 30 m cables	08-04835-015	\$1,056



NGT SR Split-Site and Remote Control

SPLIT-SITE AND REMOTE CONTROL

NGT Remote Control Link Equipment		Part No:	Price USD
NRI LINK	<p>Complete add on package for 2-wire leased land line remote control of NGT SR and ASR transceiver systems.</p> <p>NOTE: Not suitable for use with the 9001 HF Fax & Data Modem.</p> <p>Comprising:</p> <ul style="list-style-type: none"> ▪ All remote interface equipment for both control site and transceiver site ▪ All interface, power and earth cables ▪ Control site switched mode power supply ▪ Remote Control NGT Systems Reference Manual <p>Features:</p> <ul style="list-style-type: none"> ▪ Easy installation ▪ Single 2-wire leased line ▪ Up to 19 km distance ▪ Full transceiver control 		
	NGT Remote Control Link Package	02-10482	\$3,780

Equipment		Part No:	Price USD
3030	<p>3030 NGT Remote Interface (NRI) Unit.</p> <p>For use in system configurations that utilize an alternative digital link (minimal 9600 bps full duplex) for connecting remote sites. Check with Codan for interface details.</p> <p>NOTE:</p> <ul style="list-style-type: none"> ▪ Two units are required for a complete remote control system. ▪ Transceiver site power supply adaptor cable needs to be ordered separately. ▪ Control site switched mode power supply pack needs to be ordered separately. ▪ CIB cable between transceiver unit and NRI needs to be ordered separately. 		
		08-05864-001	\$881



NGT SR Split-Site and Remote Control

Accessories	Part No:	Price USD
Cable, DC extension, 1 m	08-05920-001	\$20
Cable, CIB interface, 0.5 m	08-05610-001	\$55
Cable, data interface, 1 m	08-05086-001	\$123
172 Code 172—NGT Universal 19" rack-mounting tray 3RU with blank front panel Suitable for an NGT RF unit, 3030 NGT Remote Interface or a 3012 HF Data Modem.	15-00172-001	\$362
172 Code 172—NGT Universal 19" rack-mounting tray 3RU, front panel with speaker grill and mounting holes suitable for NGT mobile cradle NOTE: Speaker and handset cradle not included.	15-00172-002	\$372
Set of 1RU + 2RU blank front panels to match code 172 mounting tray front panels	15-00173	\$19
164 Code 164—19" rack-mounting frame suitable for 9001 HF Fax & Data Interface or 8571 Split -site Remote Interface	15-00164-010	\$108
175 Code 175—19" rack-mounting frame suitable for 3020 Heavy Duty Transceiver Supply	15-00175	\$78



PHONE/EMAIL/GPS SOLUTIONS

Telephone Interconnect		Part No:	Price USD
RTU-292	RTU-292 Radio/Telephone Interface Unit		
	Features:		
	<ul style="list-style-type: none"> ▪ DSP based speech recognizing VOX ▪ Radio user can access telephone network ▪ Telephone users can contact radio users 		
	Additional features through attached NGT transceiver:		
	<ul style="list-style-type: none"> ▪ Choice of pre-programmed telephone numbers or free dialling ▪ Accessible for user with only selective calling capability (non-telcall users) ▪ Access control to restrict access to individual users, groups of users and the number of digits that can be dialled 		
	Includes: DC interface cable, interface cable for NGT transceiver to RTU-292 with busy signalling and handbook		
	IMPORTANT:		
	<ul style="list-style-type: none"> • Voice Prompt option must be ordered separately. 		
		08-05354-100	\$6,011
	Radio/Telephone Interface RTU		

Options	Part No:	Price USD
Voice Prompt Option (English)	78-18007-003	\$674

Accessories	Part No:	Price USD
NGT Telephone Interconnect Management software for ease of configuration and call log management. It can either be used locally or remotely via a telephone line data modem.	15-04130-EN	\$544



Accessories

Part No:

Price USD



UUPlus® Email for HF Server Software

Part No:

Price USD

Server

UUPlus® Codan Server provides email and Internet email access for up to 25 remote area and LAN users. It works in conjunction with UUPlus® Codan Client software, used by each remote station, and is specifically designed for use with Codan's HF equipment.

Comprising:

- **CD-ROM with UUPlus Codan Server software**
- **Single server license with support for up to 25 users**
- **Documentation included on CD-ROM**

Features:

- **Simple to install and maintain**
- **Works with POP3/SMTP PC email clients such as Outlook Express®, Eudora®, Netscape® and Pegasus Mail®**
- **Reduces connection time by compressing and combining messages**
- **Automatically resumes interrupted file transfers**
- **Automatically calls the remote user at preset times to deliver mail and collect outgoing mail, or enables the user to check for mail manually**

System Requirements:

- **Windows® NT4 or 2000 with dialup networking installed**
- **Internet email client with support for POP3 and SMTP protocols**
- **Codan 9001 HF Fax & Data Interface, 9002 or 3012 HF Data Modem**
- **Codan HF SSB transceiver**
- **Serial port for connecting the HF modem to the PC**
- **Telephone line modem for dialup Internet access**
- **LAN connection for connecting local email clients to server**

NOTE:

- **One copy of UUPlus® Codan Client is required for each remote user that is required to connect to UUPlus® Codan Server.**



UUPlus® Email for HF Server Software **Part No:** **Price USD**

- A UUPlus® Codan Server cannot communicate directly to other UUPlus® Codan Server stations.

UUPlus® Email for HF Server **08-05981-001** **\$465**

UUPlus® Email for HF Client Software **Part No:** **Price USD**

Client

UUPlus® Codan Client is the simple and reliable solution for sending email over HF from remote areas. It works in conjunction with UUPlus® Codan Server software and has been specifically designed for use with Codan's HF equipment.

Comprising:

- CD-ROM with UUPlus® Codan Client software
- Single user license
- Documentation included on CD-ROM

Features:

- Simple to install and maintain
- Works with POP3/SMTP PC email clients such as Outlook Express®, Eudora®, Netscape® and Pegasus Mail®
- Reduces connection time, by compressing and combining messages
- Automatically resumes interrupted file transfers
- Automatically answers calls from the server to exchange mail at preset times, or enables the user to check for mail manually
- Includes an ability to send files directly to other stations

System Requirements:

- Windows® 95/98/2000/NT4.0/ME with dialup networking installed
- Internet email client with support for POP3 and SMTP protocols
- Codan 9001 HF Fax & Data Interface, 9002 or 3012 HF Data Modem
- Codan HF SSB transceiver
- Serial port for connecting the HF modem to the PC

UUPlus® Email for HF Client **08-05980-001** **\$235**



GPS Tracking Software		Part No:	Price USD
Dealer	GPS Tracking software—1 user	78-07003-990	\$1,402
Track 10	InterNav-CHF Version 3.0 GPS Tracking software Computerized map positioning for up to 10 GPS-equipped mobile units. Requires Windows® 95/98/NT operating system. Includes: software, user manual and hardware security dongle NOTE: Interface cable must be ordered separately.	78-07003-010	\$5,635
Track 25	InterNav-CHF GPS Tracking software—25 user	78-07003-025	\$6,038
Track 50	InterNav-CHF GPS Tracking software—50 user	78-07003-050	\$6,841
Track 100	InterNav-CHF GPS Tracking software—100 user	78-07003-100	\$7,928
Accessories		Part No:	Price USD
	Cable, data interface, 1 m	08-05086-001	\$123



ACCESSORIES

19" Rack Mounts		Part No:	Price USD
	Set of 1RU + 2RU blank front panels to match code 172 mounting tray front panels	15-00173	\$19
164	Code 164—19" rack-mounting frame suitable for 9001 HF Fax & Data Interface or 8571 Split-site Remote Interface	15-00164-010	\$108
175	Code 175—19" rack-mounting frame suitable for 3020 Heavy Duty Transceiver Supply	15-00175	\$78



MANPACK HR RADIO COMMUNICATIONS PRODUCTS

Transceiver Packages

02-10586 2110 Patrol Package \$7,904

An ultra lightweight, ready to use transceiver package for communications while on foot. Comes complete with antennas, rechargeable battery and backpack. An appropriate battery charger needs to be ordered separately.

- Comprising:**
- 2110 SSB Transceiver Unit (1.5ppm) std frequency stability
 - H-250/U Telephone Handset
 - Earth wire with clip
 - Counterpoise 4-wire kit
 - Collapsible Whip Antenna 3m (10')
 - Long Wire Antenna and Adaptor
 - Battery Pack 12V 8Ah NiMh
 - Softpack Backpack
 - 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD

- Standard features:**
- 1.630MHz, 400 channels, 10 networks
 - 25 W/5 W (PEP) selectable output power
 - 12V DC, USB/LSB/AM
 - 1.5ppm frequency stability
 - Internal automatic antenna tuner
 - Multi-net scanning
 - In-built *Easitalk* speech noise reduction
 - Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics
 - Call logging
 - Selectable output power
 - Computer interface (RS232) for PC control
 - Front panel programming
 - Extensive Built-In-Test functions
 - Meets MIL-STD-810F for shock, vibration, immersion and dust

- Available Options:**
- Opt GPS Receiver (Int Fit)
 - Opt 2.7 kHz Filter (Int Fit)
 - Opt 500 Hz Filter (Int Fit)



- Opt Voice Encryptor (Int Fit)
- Opt FED-STD-1045 ALE/CALM
- Opt MIL-STD-188-141B ALE

NOTE:

• To meet full MIL-STD-188-141B ALE requirements, the 0.5 ppm frequency stability transceiver is required.

02-10587

2110 Explorer Package

\$9,081

A comprehensive manpack transceiver package for long distance communications while on the move. It includes a GPS Receiver, selection of antennas, rechargeable battery, battery charger and comfortable heavy duty backpack.

Comprising:

- 2110 SSB Transceiver Unit (1.5ppm) std frequency stability
- H-250/U Telephone Handset
- Earth wire with clip
- Counterpoise 4-wire kit
- Option GPS Receiver fitted
- Knock Over Whip Antenna 1.5m (5')
- Collapsible Whip Antenna 3m (10')
- Long Wire Antenna and Adaptor
- Battery Pack 12V 8Ah NiMh
- 2110 Battery Charger AC 1A
- 19-way battery charger output cable
- Internal X Frame Backpack
- 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD

NOTE:

When ordering, please specify the required AC input cable plug (AUS, UK, USA or EU).

Standard features:

- 1.630MHz, 400 channels, 10 networks
- 25 W/5 W (PEP) selectable output power
- 12V DC, USB/LSB/AM
- 1.5ppm frequency stability
- Internal automatic antenna tuner
- Multi-net scanning
- In-built *Easitalk* speech noise reduction
- Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics
- Call logging



- Selectable output power
- Computer interface (RS232) for PC control
- Front panel programming
- Extensive Built-In-Test functions

- Available Options:**
- Opt 2.7 kHz Filter (Int Fit)
 - Opt 500 Hz Filter (Int Fit)
 - Opt Voice Encryptor (Int Fit)
 - Opt FED-STD-1045 ALE/CALM
 - Opt MIL-STD-188-141B ALE

NOTE:

- To meet full MIL-STD-188-141B ALE requirements, the 0.5 ppm frequency stability transceiver is required.

02-10588

2110 Homeland Security Package

\$11,812

A quick to deploy manpack transceiver package, preconfigured with MIL-STD-188-144B ALE and high stability oscillator. It includes a GPS Receiver, heavy duty rechargeable battery, battery charger, selection of antennas and heavy duty backpack.

- Comprising:**
- 2110 SSB Transceiver Unit (0.5ppm) high frequency stability
 - H-250/U Telephone Handset
 - Earth wire with clip
 - Counterpoise 4-wire kit
 - Option MIL-STD-188-141B ALE fitted
 - Option GPS Receiver fitted
 - Collapsible Whip Antenna 3m (10')
 - Long Wire Antenna and Adaptor
 - Battery Pack 12V 13Ah NiMh
 - 2110 Battery Charger AC 1A
 - 19-way battery charger output cable
 - Internal X Frame Backpack
 - 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD

NOTE:

- When ordering, please specify the required AC input cable plug (AUS, UK, USA or EU).

- Standard features:**
- 1.630MHz, 600 channels, 20 networks
 - 25 W/5 W (PEP) selectable output power
 - 12V DC, USB/LSB/AM
 - 0.5ppm frequency stability



- Internal automatic antenna tuner
- Multi-net scanning
- In-built *Easitalk* speech noise reduction
- Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics
- Call logging
- Selectable output power
- Computer interface (RS232) for PC control
- Front panel programming
- Extensive Built-In-Test functions
- Meets MIL-STD-810F for shock, vibration, immersion, dust

- Available Options:**
- Opt 2.7 kHz Filter (Int Fit)
 - Opt 500 Hz Filter (Int Fit)
 - Opt Voice Encryptor (Int Fit)

02-10578

2110 SSB Transceiver Kit

\$6,562

This package consists of the basic transceiver unit with a handset and grounding equipment. An appropriate battery, antenna, backpack and transceiver options need to be ordered separately to fit your needs.

- Comprising:**
- 2110 SSB Transceiver Unit (1.5ppm) std frequency stability
 - H-250/U Telephone Handset
 - Earth wire with clip
 - Counterpoise 4-wire kit
 - 2110 SSB Transceiver Getting Started Guide, with Reference Manual on CD

- Standard features:**
- 1.630MHz, 400 channels, 10 networks
 - 25 W/5 W (PEP) selectable output power
 - 12V DC, USB/LSB/AM
 - 1.5ppm frequency stability
 - Internal automatic antenna tuner
 - Multi-net scanning
 - In-built *Easitalk* speech noise reduction
 - Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics
 - Call logging
 - Selectable output power



- Computer interface (RS232) for PC control
- Front panel programming
- Extensive Built-In-Test functions
- Meets MIL-STD-810F for shock, vibration, immersion, dust

Available Options:

- Opt GPS Receiver (Int Fit)
- Opt 2.7 kHz Filter (Int Fit)
- Opt 500 Hz Filter (Int Fit)
- Opt Voice Encryptor (Int Fit)
- Opt FED-STD-1045 ALE/CALM
- Opt MIL-STD-188-141B ALE

- To meet full MIL-STD-188-141B ALE requirements, the 0.5 ppm frequency stability transceiver is required.

NOTE:

Transceivers

08-06155-001

2110 SSB Tcvr Unit (1.5 ppm)

\$6,257

State of the art transceiver unit designed to withstand immersion, shock and vibration to military specifications. It has very low power consumption for long battery life and an integrated automatic antenna tuner.

Fully interoperable with Codan's NGT series transceivers.

Options and accessories such as FEDSTD1045 ALE/CALM, GPSReceiver, handset, battery, earth wire, antennas, backpack and manuals need to be ordered separately.

Standard features:

- 1.630MHz, 400 channels, 10 networks
- 25 W/5 W (PEP) selectable output power
- 12V DC, USB/LSB/AM
- 1.5ppm frequency stability
- Internal automatic antenna tuner
- Multi-net scanning
- In-built *Easitalk* speech noise reduction
- Comprehensive calling capabilities, including emergency call, phone call, selective call, message call, remote diagnostics
- Call logging
- Selectable output power
- Computer interface (RS232) for PC control



- Front panel programming
- Extensive Built-In-Test functions
- Meets MIL-STD-810F for shock, vibration, immersion, dust

08-06155-002 2110 SSB Tcvr Unit (0.5 ppm) \$6,581

This transceiver is the same as 06155-001 except it is fitted with a high stability frequency reference of 0.5ppm.

The 0.5ppm frequency stability transceiver is required to meet full MILSTD188141B ALE requirements.

15-04128-EN System Programmer CD Programming software to program 2110 SSB and NGT series transceivers. Programmer interface cable (part number 08-06237-001) needs to be ordered separately. \$326

08-06237-001 Cable, 2110 Prog 19way MIL-D9F RS232 interface cable to control or program 2110 SSB transceiver from a PC. \$91

15-10525-000 Opt GPS Receiver (Int Fit) Internally fitted 16-channel GPS receiver module for 2110 SSB Transceiver. Enables use with GPS location tracking systems and shows remote locations with distance and bearing. \$461

15-10529-000 Opt 2.7 kHz Filter (Int Fit) 2.7kHz wide IF filter for 2110 SSB Transceiver. Required for use with MIL-STD type high speed HF data modems. \$648

15-10530-000 Opt 500 Hz Filter (Int Fit) 500Hz narrow IF filter for 2110 SSB Transceiver. Improves performance with morse (CW) and narrow FSK data modems like Pactor-II. \$648

15-10531-000 Opt Voice Encryptor (Int Fit) High grade Voice Encryptor Module for 2110 SSB Transceiver. Provides high grade voice security with exceptional recovered audio quality. \$1,800

Note: This option is subject to Australian Defence Export Controls. A signed End-User Declaration must be provided for supply of this option.



15-10479	Opt FED-STD-1045 ALE/CALM	Fully compatible with FED-STD-1045 ALE capabilities and enhanced with Codan Automated Link Management (CALM). Includes facilities for Selective Calls, All Calls, Phone Calls, Text Messaging and GPS Position Calls.	\$1,440
15-10532	Opt MIL-STD-188-141B ALE	Provides full FED-STD-1045 and MIL-STD-188-141B ALE capabilities, including NET call, ALL call, ANY call, Group Call, Wildcard Call, advanced ALE beacon, in-link AMD messaging and a Last Heard station log. With this option the transceiver has 20 networks and 600 available channels. To meet the MIL-STD-188-141B ALE stability requirement, Option MIL-STD-188-141B ALE should be used with 0.5ppm 2110 SSB Transceiver Unit (08-06155-002).	\$2,520
15-10518	Opt Amateur Mode	Enables transmit capability with free dial frequencies within Amateur frequency bands. For use by licensed operators only.	\$72
15-10481	Opt TxD, Tx Program Disable	Disables front panel programming of new transmit frequencies.	\$0.00
Antenna Accessories			
15-00454	Ant, Long Wire and Adaptor (1.6– 30 MHz)	Lightweight Kevlar reinforced Tactical Long Wire antenna for use with 2110 SSB Transceiver (1.630MHz). Includes: throw rope, antenna adaptor, winding spool, anchor peg and antenna deployment quick reference card.	\$172
15-00458	Ant, End-fed Broadband (3– 30 MHz)	Lightweight Kevlar reinforced End-fed Broadband Dipole Antenna for use with 2110 SSB Transceiver (330 MHz, 25 W PEP). Includes: 3m (10') coaxial feeding cable terminated with BNC connectors with protective caps, broadband antenna balun, throw rope, counterpoise kit, winding spool, anchor peg and antenna deployment quick reference card.	\$560
15-00456	Ant, Broadband Dipole (2– 30 MHz)	Lightweight Kevlar reinforced Tactical Broadband Dipole Antenna for use with 2110 SSB Transceiver (230MHz, 25WPEP).	\$955



Includes: 10m (30') coaxial feeding cable terminated with BNCconnectors with protective caps, broadband antenna balun, two lots of termination resistors, throw ropes, counterpoise kits, winding spools, anchor pegs and antenna deployment quick reference card.

15-00455		Lightweight Kevlar reinforced Tactical Dipole Antenna with tactile length markings for use with 2110 SSB Transceiver (330MHz, 50WPEP). Includes: 10m (30') coaxial feeding cable terminated with BNCconnectors with protective caps, dipole antenna balun, throw rope, antenna adaptor, winding spools, anchor peg and antenna deployment quick reference card.	\$747
15-00457	Ant, Dipole and BB kit (2- 30 MHz)	Lightweight Kevlar reinforced Universal HF Dipole and HFBroadband Dipole Antenna kit for use with 2110 SSB Transceiver (230MHz, 25WPEP). Includes: 10m (30') coaxial feeding cable terminated with BNCconnectors with protective caps, broadband antenna balun, dipole antenna balun, two lots of termination resistors, throw ropes, counterpoise kits, winding spools, anchor pegs and antenna deployment quick reference cards.	\$1,270
15-00452	Ant, 3 m (10') Collapsible Whip	Lightweight collapsible 6 section whip antenna with flexible gooseneck for use with 2110 SSB Transceiver (230MHz).	\$199
15-00459	Ant, 1.5 m (5') Knock Over Whip	Lightweight collapsible 3 section knock over whip antenna with flexible gooseneck for use with 2110 SSB Transceiver (330MHz).	\$227
15-00446	Counterpoise 4-wire kit	Lightweight counterpoise and earthing kit for use with 2110 SSB Transceiver.	\$62

Battery and Charger Accessories

Batteries

08-06185-001		Battery Pack 12 V 8Ah NiMh Recharges ~500 (80% capacity) Useable hours: ~30 hrs (using Rx/Tx 9:1)	\$734
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08-06186-001	Battery Pack 12 V 13Ah NiMh Recharges: ~500 (80% capacity) Useable hours: ~50 hrs (using Rx/Tx 9:1)	\$849
08-06188-001	Battery Pack 12 V 7 Ah SLA Recharges: ~200 (60% capacity) Useable hours: ~15 hrs (using Rx/Tx 9:1)	\$585

Chargers

15-00573	2110 Battery Charger AC 1 A	\$283
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NOTE:

- When ordering, please specify the required AC input cable plug (AUS, UK, USA or EU)
- Suitable charger output cable for AC-DC 3121 charger module must be ordered separately

15-00574	2110 Battery Charger DC 1 A	\$324
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NOTE:

- Suitable charger output cable for AC-DC 3121 charger module must be ordered separately

78-02007	Battery Charger AC- DC 3121	\$271
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NOTE:

- Suitable AC input cable (with AUS, UK, USA or EU plug) and output cable for AC-DC 3121 charger module must be ordered separately

78-02008	Battery Charger DC- DC 3122	\$278
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NOTE:

- Suitable DC input cable (with vehicle lighter). Plug or spring clips adaptor and output cable for DC-DC 3122 charger module must be ordered separately

Charger Output Cables

08-06214-001	Lead, charger O/P, 6way	\$51
08-06215-001	Lead, charger O/P, 19way	\$81



Charger Input Cables AC

67-90202	Cable, 2C USA IEC C7 2 m IEC 2-wire mains cable with USA plug	\$13
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Charger Input Cables DC

08-06216-001	Lead, DC charger I/P, lighter adaptor	\$24
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08-06217-001	Lead, DC charger I/P, clips adaptor	\$24
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