

**TECHNICAL MANUAL**

**HAND RECEIPT**

**COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI),  
BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)**

**FOR**

**RADIO SET AN/GRC-213**

**(NSN 5820-01-128-3935)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
14 FEBRUARY 1986**



HAND RECEIPT  
TM 11-5820-923-10-HR



HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC; 14 February 1986

HAND RECEIPT  
COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI)  
BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR  
RADIO SET AN/GRC-213  
(NSN 5820-01-128-3935)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, let us know. Mail your letter, or DA Form 2028 (Recommended Changes to Publications and Blank Forms), direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, NJ 07703-5007. A reply will be sent direct to you.

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## Section I. INTRODUCTION

## 1. Scope.

This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to Radio Set AN/GRC-213.

## 2. General.

a. Section II is the overprinted DA Form 2062 which lists the content of COEI, BII, and AAL extracted from TM 11-5820-923-12. The listings consist of exactly the same items and are in the same sequence as those listings in TM 11-5820-923-12.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations shall comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies of this publication may be requisitioned from: The US Army Adjutant General Publications Center, Baltimore, MO, in accordance with the procedures in Chapter 3, AR 310-2, and DA Pam 310-10.

## 3. Explanation of Blocks and Columns (DA Form 2062).

Refer to DA Pam 710-2-1, Chapter 6. Additional information required to complete DA Form 2062 is

- a. From. Enter the organization for which the property book is maintained.
- b. To. Enter the UIC and the hand receipt file number of the unit/personnel receiving the property.
- c. Hand Receipt Number. Enter a locally designated number. Use it to post the location of property in the property book.
- d. End Item Stock Number. Contains the National Stock Number (NSN) to the end item covered by the hand receipt.
- e. End Item Description. Contains the end item short title.
- f. Publication Number. Contains the TM number of the technical manual containing the Operator/Crew instructions for the equipment.
- g. Publication Date. Date of the Operator/Crew TM.
- h. Quantity. Quantity of the end item covered by this hand receipt.
- i. Stock Number (Column a). National stock number of the item described. Items without stock numbers should be requisitioned by Federal Supply Code for Manufacturers (FSCM) and part number direct from: US Army Communications-Electronics command, ATTN: AMSEL-MM, Fort Monmouth, NJ 07703-5006.
- j. Item Description (Column b). Identifies the item contained in the COEI, BII, and the AAL. It will also contain nomenclature, serial/USA number (if applicable) that will be useful in identifying and controlling the item. Serial number is to be inserted and initialed on all copies by hand receipt holder.
- k. (Column c). The Accounting Requirements Code (ARC) is entered here.

## NOTE

The Accounting Requirements Code (ARC) refers to property accountability, not to disposal authority. Disposition action and authority for an unserviceable item is governed by the recoverability code (5th position of the SMR code) assigned to the item in the RPSTL.

(1) Refer to DA Pam 710-2-1, Chapter 6. Additional information required to complete DA Form 2062 is listed below.

(2) Hand receipts shall identify the accounting requirements status of all line item entries via column c. One of the following Accounting Requirements Code (ARC) will apply.

- (N) for Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.
- (D) for Durable: Nonconsumable components of sets, kits, outfits and assemblages; all tools in FSC's 5110, 5120, 5130, 5133, 5140, 5180, 5210, 5220 and 5280; and any other nonconsumable with a price in excess of \$50.00 not already "N".
- (X) for Expendable: Items, regardless of type classification or price and which are consumed in use. Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less and not already "N" or "D".

l. SEC (Column d). The Physical Security/Pilferage code is entered here. This is a one-position code which indicates the security classification or pilferage control for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable.

<i>SEC CODE</i>	<i>Physical Security Code</i>
<b>A</b>	CONFIDENTIAL - Former Restricted Data
<b>B</b>	CONFIDENTIAL - Restricted Data
<b>C</b>	CONFIDENTIAL
<b>D</b>	CONFIDENTIAL - Cryptologic
<b>E</b>	SECRET - Cryptologic
<b>F</b>	TOP SECRET - Cryptologic
<b>G</b>	SECRET - Former Restricted Data
<b>H</b>	SECRET - Restricted Data
<b>K</b>	TOP SECRET - Former Restricted Data
<b>L</b>	TOP SECRET - Restricted Data
<b>O</b>	Naval Nuclear Propulsion Information
<b>S</b>	SECRET
<b>T</b>	TOP SECRET
<b>U</b>	UNCLASSIFIED

<i>Sensitive Items</i>	
<b>P</b>	Ammunition and Explosives
<b>Q</b>	An item which is a drug or other substance determined by the Director, Drug Enforcement Administration (DEA), Department of Justice, to be designated schedule symbol III, IV or V as defined in the Controlled Substance Act of 1970, and other items requiring secure storage.
<b>R</b>	Alcohol, alcoholic beverages, precious metals, drug or other substance determined by the Director, Drug Enforcement Administration (DEA), Department of Justice, to be designated schedule symbol II as defined in the Controlled Substance Act of 1970, and other items requiring vault storage.
<b>7</b>	Sensitive information, prior to disposal, all nameplates, label plates, tags, stickers, documents or markings, which relate items to weapons system end item application, must be removed and destroyed.

<i>Pilferable Items</i>	
<b>I</b>	Aircraft engine equipment and parts.
<b>M</b>	Handtools and shop equipment.
<b>N</b>	Firearms.
<b>V</b>	Individual clothing and equipment.
<b>W</b>	Office machines.
<b>X</b>	Photographic equipment and supplies.
<b>Y</b>	Communications/electronic equipment and parts.
<b>Z</b>	Vehicular equipment and parts.
<b>J</b>	Pilferable item, due to its size, shape and utility, which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by recoding the items to J.

m. UI (Column e). Unit of Issue.

n. QTY AUTH (Column f). The quantity authorized to be on hand, or part of the end item.

o. Quantity (Column g). Actual quantity on hand. To be filled in by the receiving unit/personnel.

p. Page No./No. of Pages. Contains page number and total number of pages for the COEI, BII, and AAL portions of the hand receipt. Hand receipt holder will initial each page No. (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

4. Authorization Documents.

a. Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).

b. Basic Issue Items (BII) are authorized by the applicable operator's manual.

c. Additional Authorization List (AAL) items are authorized by the appropriate MTOE, TDA, CTA, or JTA authorization documents.

Section II. HAND RECEIPT

Following is the Hand Receipt for Radio Set AN/GRC-213.

HAND RECEIPT For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM:	TO:	HAND RECEIPT NUMBER								
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER		PUBLICATION DATE	QUANTITY						
STOCK NUMBER a.	ITEM DESCRIPTION b.		*	SEC	UI	QTY AUTH	QUANTITY g.					
			c.	d.	e.	f.	A	B	C	D	E	F
	COMPONENTS OF END ITEM (COEI)											
520-01-128-3935	RADIO SET AN/GRC-213 (05869)											
	755002B9010 CONSISTS OF:											
5820-01-127-5855	AMPLIFIER-POWER SUPPLY											
	AM-7152/GRC-213 (87990)											
	755002B9100		N	U	EA	1						
5995-01-219-9441	CABLE ASSEMBLY, AUDIO CX-IU (87990)											
	755002B9018		N	U	EA	1						
5995-01-219-9516	CABLE ASSEMBLY, CONDITIONED POWER											
	CX-( )/U (87990)											
	755002B9019		N	U	EA	1						
5995-01-231-5188	CABLE ASSEMBLY, RF CG-( )/U											
	(87990) 755002B9017		N	U	EA	1						
5965-00-876-2375	LOUD SPEAKER, IMMERSION											
	RESISTANT LS-454( )/U											
	(87990)		N	U	EA	1						

\* WHEN USED AS A:  
 HAND RECEIPT, enter Hand Receipt Annex Number  
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH	g. QUANTITY					
						A	B	C	D	E	F
	(COEI CONTINUED)										
	RADIO SET AN/PRC-104A (87990)										
	A3023135	N	U	EA	1						
5935-00-204-5118	ADAPTER UG-349( )/U										
	(80063) SC-D-72331	N	U	EA	1						
5820-01-065-5044	AMPLIFIER, RADIO FREQUENCY										
	AM-6874( )/PRC-104										
	(87990) 755002A0550	N	U	EA	1						
5985-00-646-2365	ANTENNA, AT-271(A)/PRC										
	(80058) SM-D-182392	N	U	EA	1						
5985-00-892-0758	ANTENNA GROUP AN/GRA-50										
	(80058) PL 1898	N	U	EA	1						
5985-00-106-6130	ANTENNA (NVIS) AS-2259( )/GR										
	(80050)	N	U	EA	1						
5820-00-234-4127	ANTENNA, SPRING SECTION										
	AB-129( )/PR (80063)										
	SC-D-20938	N	U	EA	1						
6135-01-036-3495	BATTERY, PRIMARY, LITHIUM										
	ORGANIC BA-5590/U										
	(80058) SC-459/2	N	U	EA	2						

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HAND RECEIPT For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM:	TO:	HAND RECEIPT NUMBER								
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER		PUBLICATION DATE	QUANTITY						
STOCK NUMBER a.	ITEM DESCRIPTION b.		* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
							A	B	C	D	E	F
(COEI CONTINUED)												
6140-01-063-3918	BATTERY, STORAGE BB-590/U (80058)											
	SCS-536 (ES-D-210971)		N	U	EA	2						
5820-01-065-4495	BASE, ANTENNA AB-124( )/PRC-104 (87990)											
	755002A0900		N	U	EA	1						
5935-00-231-3180	CABLE ASSY, CHARGER (01365) 755029A0050		N	U	EA	1						
5820-01-065-4442	CABLE ASSEMBLY, POWER ELECTRICAL CX-13031( )/											
	PRC-104 (87990) 755002A1260		N	U	EA	1						
	CABLE ASSEMBLY, RADIO FREQUENCY CG-3815( )/U											
	(87990) 755002A7114-1		N	U	EA	1						
	CARD, INSTRUCTION (05869) 755002B9020		N	U	EA	1						
6135-01-080-2886	CASE, BATTERY CY-7875/PRC-104 (01365) 79A5029A000		N	U	EA	1						
	CASE, RADIO SET CY-8291/PRC-104(V) (87990)											
	755002A3108		N	U	EA	1						
8465-01-019-9102	FIELD PACK, COMBAT NYLON, MED., W/O LINERS											
	(81349) 2-2-344		N	U	EA	1						

\* WHEN USED AS A:  
 HAND RECEIPT, enter Hand Receipt Annex Number  
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

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TM 11-5820-923-12, RADIO SET AN/GRC-213

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH	g. QUANTITY					
						A	B	C	D	E	F
	(COEI CONTINUED)										
8465-00-001-6475	FRAME, PACK, GROUND TROOPS W/STRAPS (81337)										
	2-3-290	N	U	EA	1						
5965-00-043-3463	HANDSET H-250/U (80058) MIL-H-49078	N	U	EA	1						
5805-01-067-5388	KEY, TELEGRAPH KY-872/PRC-104 (MODIFIED KY-116/U)										
	(87990) 755002A1000	N	U	EA	1						
5820-01-069-2368	RECEIVER-TRANSMITTER RT-1209( )/URC (87990)										
	755002A0150	N	U	EA	1						
8465-00-001-6476	SHELF, CARGO SUPPORT (81337) 2-3-291	N	U	EA	1						
8465-00-001-6477	STRAP CARGO TIE-DOWN (81337) 2-2-313	N	U	EA	1						
	BASIC ISSUE ITEMS (BII)										
	TECHNICAL MANUAL, TM 11-5820-923-12			EA	1						
5820-01-189-9796	INSTALLATION KIT, MK-2442/GRC-213 FOR ARMORED										
	PERSONNEL CARRIER M113A1 (05869)	N	U	EA	1						
5820-01-189-9792	INSTALLATION KIT, MK-2443/GRC-213 FOR UTILITY TRUCK										
	M151A1 (05869)	N	U	EA	1						
5820-01-189-9788	INSTALLATION KIT, MK-2444/GRC-213 FOR CARGO TRUCK										
	M561 (05869)	N	U	EA	1						
5820-01-189-9793	INSTALLATION KIT, MK-2445/GRC-213 FOR CARRIER										
	COMMAND POST M577A1 (05869)	N	U	EA	1						

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HAND RECEIPT For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM:	TO:	HAND RECEIPT NUMBER								
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER		PUBLICATION DATE	QUANTITY						
STOCK NUMBER a.	ITEM DESCRIPTION b.		* c.	SEC d.	UI e.	QTY AUTH f.	QUANTITY g.					
							A	B	C	D	E	F
(BII CONTINUED)												
5820-01-189-9789	INSTALLATION KIT, MK-2446/GRC-213 FOR TRUCK											
	M882 (05869)		N	U	EA	1						
5820-01-189-9790	INSTALLATION KIT, MK-2447/GRC-213 FOR GENERAL											
	PURPOSE TRACK WHEELED VEHICLES		N	U	EA	1						
ADDITIONAL AUTHORIZATION LIST (AAL)												
6130-00-106-6445	BATTERY CHARGER		N	U	EA	1						
5820-01-159-1646	GENERAL SUPPORT MAINTENANCE KIT OA-9161/GRC											
	(05869) CONSISTING OF:		N	U	EA	1						
5820-01-069-2368	ELEX-R-136A, RECEIVER TRANSMITTER RT-1209											
	755002A0150		N	U	EA	1						
5820-01-065-5044	ELEX-R-136A, AMPLIFIER, RADIO FREQUENCY											
	AM-6874( )/PRC-104 755002A0550		N	U	EA	1						
5965-00-043-3463	HANDSET H-250/U MIL-H-49078		N	U	EA	1						
<p>* WHEN USED AS A:  HAND RECEIPT, enter Hand Receipt Annex Number  HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).</p>												

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STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH	g. QUANTITY					
						A	B	C	D	E	F
	(AAL CONTINUED)										
	CABLE ASSEMBLY, ELECTRICAL POWER CX-13030/PRC-104										
	755002A1255	D	U	EA	1						
	AUDIO INPUT/KEYING ADAPTER 755002B9400	D	U	EA	1						
	AMPLIFIER-POWER SUPPLY AM-7152/GRC-213										
	755002B9100	N	U	EA	1						
	ADAPTER, WHIP 755002B9410	D	U	EA	1						
	MOUNT, ELECTRICAL EQUIPMENT MT-6234/GRC-213										
	A3023140	N	U	EA	1						
	CABLE ASSEMBLY, RF CG-( )/U 755002B9017	D	U	EA	1						
	(0 ft. 2.5 in.)										
	CABLE ASSEMBLY, AUDIO, CX-( )/U 755002B9018	D	U	EA	1						
	(0 ft. 11 in.)										
	CABLE ASSEMBLY, CONDITION POWERED CX-( )/U	D	U	EA	1						
	755002B9019 (0 ft. 7.5 in.)										
5985-00-957-1860	ATTENUATOR, STEP CN-1128/U	N	U	EA	1						
	ATTENUATOR, COAXIAL NARDA 765-20	N	U	EA	1						
	PROBE, HIGH IMPEDANCE (HEWLETT PACKARD MODEL										
	NO. 1121A)	N	U	EA	1						

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By Order of the Secretary of the Army:

JOHN A. WICKHAM JR.  
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