

CHANGE

No. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 14 August 1982

**OPERATOR MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST,
INDICATORS, PANORAMIC IP-173/U, -173A/U, -173B/U AND -173C/U
(NSN 6625-00-224-5500)**

TM 11-5820-236-10P, 30 October 1959, is changed as follows:

Page 5. Section III is added after section II

SECTION III.

CROSS REFERENCE INDEX. The Cross-Reference Index is a cross-reference listing of part number to National Stock Number.

a. Use of Cross-Reference Index . To order a part listed in the Cross-Reference Index, note part number and then cross-reference that part number to the National Stock Number in the cross-reference index. Then order through normal ordering channels.

b. Ordering Part Numbers Without National Stock Number. If the part number does not have a National Stock Number, then order the part through normal ordering channels using the part number and the FSCM.

CROSS REFERENCE INDEX

FSN	NEW NSN	Parts With AN FSN		PART NUMBER
			FSCM	
59550990690	5955000990690		80052	2Y3003M
59550990690	5955000990690		80052	2Y3003M
59601005106	5960005781611		81349	OC3
59601005106	5960005781611		81349	OC3
59601144849	5960001144849		81349	2X2A
59601144849	5960001144849		81349	2X2A
62401558706	6240001558706		82679	B1-101-47
62401558706	6240001558706		82679	B1-101-47
59601667663	5960001667663		81349	12AU7
59601667663	5960001667663		81349	12AU7
59601667667	NONE		81349	6AH6
59601667667	NONE		81349	6AH6
59601667676	5960001667676		81349	6AU6
59601667676	5960001667676		81349	6AU6
59601880926	5960001880926		81349	6X5WGT
59601880926	5960001880926		81349	6X5WGT
59601883602	5960001883602		81349	6BH6
59601883602	5960001883602		81349	6BH6
66252245500	6625002245500		80058	IP-1731U
59502434136	5950002434136		55814	20-13-112
59602478740	5960006154746		80133	5UP7
59602478740	5960006154746		80133	5UP7
59602620152	5960002620152		81349	6AU6WA
59602620152	5960002620152		81349	6AU6WA
59602620167	5960002620167		81349	12AT7WA
59602620167	5960002620167		81349	12AT7WA
59602643002	5960002643002		81349	575016BE6W
59602643002	5960002643002		81349	5750/6BE6W
59602643004	5960002643004		81349	TS103U02
5960272909 4	5960008607709		81349	M24251-6-2
59952803082	5995002803082		80052	W3001
59202804466	NONE		81349	FO2G2ROOA
59202804466	NONE		81349	FO2G2ROOA
62102993930	NONE		72619	81-622
51203564626	5120003564626		80052	E10108
58205047510	NONE		80052	P4-6387
59955375497	5995005375497		16665	W3003
59955426633	5995005426633		80052	W3002B
59555431145	5955005431145		04583	2006
59555431145	5955005431145		04583	2006
58205481666	5820005481666		80052	PS-8
59955707586	5995005707586		80052	W3002A
66256998116	6625006998116		80058	IP-173A/U

By Order of the Secretary of the Army

Official:

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DEPARTMENT OF THE ARMY TECHNICAL MANUAL
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

OPERATOR MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST,
INDICATORS. PANORAMIC IP-173/U, -173A/U. -173B/U AND -173C/U

Departments of the Army and the Air Force, Washington 25, D. C.
30 October 1959

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**SECTION I
INTRODUCTION**

1.Scope

a. This manual lists items supplied for initial operation and for running spares. The list includes tools, accessories, parts, and material issued as part of the major end item. The list includes all items authorized for basic operator maintenance of the equipment. End items of equipment are issued on the basis of allowances prescribed in the equipment authorization tables and other documents that are a basis for requisitioning.

b. Columns are as follows:

(1) *Source, maintenance, and recoverability code.* Not used.

(2) *Federal stock number.* The stock number column lists the 11digit Federal stock number.

(3) *Designation by model.* A dagger (†) indicates the model in which the part is used.

(4) *Description.* Nomenclature or the standard item name and brief identifying data for each item is listed in this column. When requisitioning, enter the nomenclature and description on the requisition.

(5) *Unit of issue.* The unit of issue is the supply term by which the individual item is counted for

*This manual supersedes TM 11582023610P, 21 July 1959.

procurement, storage, requisitioning, allowances, and issue purposes.

(6) *Expendability.* Expendable items are indicated by the letter X; nonexpendable items are indicated by NX.

(7) *Quantity authorized.* Under "Items Comprising an Operable Equipment" the column lists the quantity of items supplied for the initial operation of the equipment. Under "Running Spares and Accessories" the quantities listed are those issued initially with the equipment as spare parts. The quantities are authorized to be kept on hand by the operator for maintenance of the equipment.

(8) *Illustration.* Not used.

2. References A maintenance allocation chart showing all repair operations authorized to be performed by the respective echelons of maintenance is contained in TM 11582023620P.

3. Comments or Suggestions Any comments concerning omissions and discrepancies in this manual will be prepared on DA Form 2028 and forwarded direct to Commanding Officer, U. S. Army Signal Equipment Support Agency, Fort Monmouth, N. J.
ATTN: SIGFM/ESML.

SECTION II. FUNCTIONAL PARTS LIST

(1)	(2)	(3)				(4)	(5)	(6)	(7)	(8)	(9)
SOURCE MAINTENANCE AND RECOVERABILITY CODE	FEDERAL STOCK NUMBER	DESIGNATION BY MODEL				DESCRIPTION	UNIT OF ISSU E	EX PE ND- ABI LIT Y	QUA NTIT Y AUT HO- RIZE D	ILLUSTRATION	
		1	2	3	4					FIGURE NO.	ITEM NO.
						ITEMS COMPRISING AN OPERABLE EQUIPMENT					
						INDICATOR, PANARAMIC IP-173/U; IP-173A, B, C/U					
						NOTE: Model Column 1 refers to IP-173/U; Column 2 refers to IP-173A/U; Column 3 refers to IP-173B/U; Column 4 refers to IP-173C/U.					
	5820-224-5500					INDICATOR, PANORAMIC IP-173/U; IP-173A, B, C/U	ea	NX			
	Ord thru AGC	t	t			TECHNICAL MANUAL TM 11-5086	ea	X	2		
	Ord thru AGC	t	t	t	t	TECHNICAL MANUAL TM 11-5820-236-10P	ea	X	2		
	5995-280-3082	t	t	t	t	CABLE ASSEMBLY, RADIO FREQUENCY: Panoramic No. W3001	ea	NX	2		
	5995-537-5497	t	t	t		CABLE ASSEMBLY POWER ELECTIRCAL: Panoramic No. W3003	ea	NX	1		
	5995-542-6633		t	t	t	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL: Panoramic No. W3002B (for use on Serial No. 111 and up on order 35281-PH-56 and on ensuing orders)	ea	NX	1		
	5995-570-7586	t	t			CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTICAL: Panoramic No. W3002A (for use on order 35281-PH-56 up to Serial No. 111 and preceding orders)	ea	NX	1		
	5820-504-7510	t	t	t	t	INDICATOR, PANORAMIC: Panoramic No. P4-6387	ea	NX	1		
	5820-548-1666	t	t	t	t	POWER SUPPLY: Panoramic No. PS-8	ea	NX	1		
	5950-243-4136	t	t	t	t	TRANSFORMER, POWER, VOLTAGE REGULATING: Sola Elec 20-13-112	ea	X	1		
						INDICATOR PNORAMIC FSN 5820-504-7510					
						NOTE: Model Column 1 refers to Indicator Panoramic on Order Nos. 2946-PH-52, 31956-PH-52 and 7521-PH-54; Column 2 refers to Order 35281-PH-56; Column 3 refers to Order No. 42566-PH58; Column 4 refers to Order 3144-PP-59.					
		t	t	t	t	BARE UNIT FOR INDICATOR, PANORAMIC	ea	NX	1		
	5955-699-0690	t				CRYSTAL UNIT, QUARTZ; Panoramic No. 2Y3003M	ea	X	1		
	5955-543-1145		t	t	t	CRYSTAL UNIT, QUARTZ; Hupp Corp No. 2006	ea	X	2		
	5960-100-5106	t	t	t	t	ELECTRON TUBE: JAN type OC3	ea	X	1		
	5960-247-8740	t	t	t	t	ELECTRON TUBE: Waterman Prod. No. 5UP7 (per Bureau of Ships letter dated 9/22/49)	ea	X	1		
	5960-166-7667	t	t	t	t	ELECTRON TUBE: JAN type 6AH6	ea	X	1		
	5960-166-7676	t	t	t		ELECTRON TUBE: JAN type 6AU6	ea	X	1		
	5960-262-0152				t	ELECTRON TUBE: JAN type 6AU6WA	ea	X	1		

(1)				(2)				(3)				(4)				(5)	(6)	(7)	(8)	(9)
SOURCE MAINTENANCE AND RECOVERABILITY CODE				FEDERAL STOCK NUMBER				DESIGNATION BY MODEL				DESCRIPTION				UNIT OF ISSU E	EX PE ND- ABI LIT RY	QUA NTIT Y -AUT HO- RIZE D	ILLUSTRATION	
																			FIGURE NO.	ITEM NO.
					1	2	3	4	IP-173/U, IP-173A, B, C/U (continued)											
				5960-188-3602	t	t	t	t	ELECTRON TUBE: JAN type 6BH6				ea	X	2					
				5960-262-0167	t	t	t	t	ELECTRON TUBE: JAN type 12AT7WA				ea	X	1					
				5960-166-7663	t	t	t	t	ELECTRON TUBE: JAN type 12AU7				ea	X	5					
				5960-264-3002	t	t	t	t	ELECTRON TUBE: JAN type 5750/6BE6W				ea	X	2					
				6240-155-8706	t	t	t	t	LAMP, INCANDESCANT: WEMCo No. 47				ea	X	1					
				6210-299-3930	t	t	t	t	LENS, INDICATOR LIGHT: Dialco No. 81-622				ea	X	1					
				5960-272-9094	t	t	t	t	SHIELD, ELECTRON TUBE: JAN type TS102UO2				ea	X	6					
				5960-264-3004	t	t	t	t	SHIELD, ELECTRON TUBE: JAN type TS103UO2				ea	X	6					
				5120-356-4626	t	t	t	t	TOOL ALIGNMENT: Panoramic No. E1010B				ea	X	1					
									POWER SUPPLY FSN 5820-548-1666											
									NOTE: Model Column 1 refers to Power Supply on orders 2946-PH-52, 31956-PH-53 and 7521-PH-54; Model Column 2 refers to Order 35281-PH-56; Model Column 3 refers to Order 42566-PP-58; Model Column 4 refers to Order 3144-PP-59.											
					t	t	t	t	BARE UNIT FOR POWER SUPPLY				ea	NX	1					
				5960-114-4849	t	t	t	t	ELECTRON TUBE: JAN type 2X2A				ea	X	1					
				5960-188-0926	t	t	t	t	ELECTRON TUBE: JAN type 6X5WGT				ea	X	2					
				5920-280-4466	t	t	t	t	FUSE CARTFIDGE: MIL type FO2G2ROOA				ea	X	2					
									RUNNING SPARES AND ACCESSORY ITEMS											
									INDICATOR, PANORAMIC IP-173/U: IP-173A, B, C/U											
									NO PARTS AUTHORIZED FOR STOCKAGE AT FIRST ECHELON											
									INDICATOR, PANORAMIC FSN 5820-504-7570											
				5955-099-0690	t				CRYSTAL UNIT, QUARTZ: Panoramic No. 2Y3003M				ea	X	1					
				5955-543-1145		t	t	t	CRYSTAL UNIT, WUARTZ: Hupp Corp No. 2006				ea	X	1					

IP-173/U, IP-173A, B, C/U

(1)				(2)				(3)				(4)				(5)	(6)	(7)	(8)	(9)	
SOURCE MAINTENANCE AND RECOVERABILITY CODE				FEDERAL STOCK NUMBER				DESIGNATION BY MODEL				DESCRIPTION				UNIT OF ISSUE	EXPE-ND-ABI-LIT-Y	QUA-NTIT-Y	AUT-HO-RIZE-D	ILLUSTRATION	
																				FIGURE NO.	ITEM NO.
								IP-173A, B, C/U (continued)													
				5960-100-5106				t t t t				ELECTRON TUBE: JAN type OC3				ea	X	1			
				5960-247-8740				t t t t				ELECTRON TUBE: Waterman Prod No. 5UP7 (per Bureau of Ships letter dated 9/22/49)				ea	X	1			
				5960-166-7667				t t t t				ELECTRON TUBE: JAN type 6AH6				ea	X	1			
				5960-166-7676				t t t				ELECTRON TUBE: JAN type 6AU6				ea	X	1			
				5960-262-0152				t				ELECTRON TUBE: JAN type 6AU6WA				ea	X	1			
				5960-188-3602				t t t t				ELECTRON TUBE: JAN type 6BH6				ea	X	1			
				5960-262-0167				t t t t				ELECTRON TUBE: JAN type 12AT7WA				ea	X	1			
				5960-166-7663				t t t t				ELECTRON TUBE: JAN type 12AU7				ea	X	2			
				5960-264-3002				t t t t				ELECTRON TUBE: JAN type 5750/6BE6W				ea	X	1			
				6240-155-8706				t t t t				LAMP, INCANDESCANT: WEMCo No. 47				ea	X	1			
												POWER SUPPLY FSN 5820-548-1666									
				5960-114-4849				t t t t				ELECTRON TUBE: JAN type 2XSA				ea	X	1			
				5960-188-0926				t t t t				ELECTRON TUBE: JAN type 6X5WGT				ea	X	1			
				5920-280-4466				t t t t				FUSE, CARTRIGE: MIL type FO2G2ROOA				ea	X	5			
IP-173/U, IP-173A, B, C/U																					

[AG ()]

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 11-155 (2)
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 11-587 (2)
 11-592 (2)
 11-597 (2)
 39-61 (2)

NG: State AG (3); units-same as Active Army except allowance is one copy to each unit.

USAR: None.

For explanation of abbreviations used, see AR 320-50.

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