

December 1960

TERMINAL TELEGRAPH**AN/UCC-1****FUNCTIONAL DESCRIPTION**

The AN/UCC-1 is designed as a transistorized single sideband terminal telegraph for use on radio circuits and wire lines. Multiplexing is frequency channels. Operates on center frequencies of 425 to 3230 cycles per second (CPS) with 170 cycle spacing between channels. Speed of operation 100 words per minute (WPM) nominal on each channel. Loop is direct current (DC) actuated, neutral operation.

The AN/UCC-1 is designed to operate in diversity combinations as follows: 8 narrow bands and 4 narrow-to-wide bands. Diversity combinations are obtainable by virtue of sensitivity.

No field changes in effect at time of preparation (16 March 1960).

RELATION TO OTHER EQUIPMENT

The AN/UCC-1 is designed to be used with but not part of the Teletypewriter TT-47C/UG.

The AN/UCC-1 is similar to but not same as Terminal Telegraph Carrier AN/FCC-3.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF LINE TERMINATION: 2-Wire.

NUMBER OF CHANNELS: 8 channels.

SPACING BETWEEN CHANNELS: 170 cycle.

SPEED OF OPERATION: 100 words per minute.

TYPE OF ACUATION: Direct Current actuated.
 FREQUENCY RANGE: 425 to 3230 cps.
 OPERATING POWER RQMT: 115 v AC, 50 to 60 cps, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Stelma Inc., Stamford, Connecticut.
 Contract NObsr-72766.

TUBE AND/OR CRYSTAL COMPLEMENT

Electron Tube and/or Crystal data not available.

REFERENCE DATA AND LITERATURE

Nomenclature Card AN/UCC-1 for Terminal Telegraph.

NAVSHIPS 93400: Preliminary Data Form AN/UCC-1 for Terminal Telegraph.

TYPE CLASSIFICATION (NAVY)
 DESIGN COGNIZANCE NAVY BUSHIPS
 PROCUREMENT COGNIZANCE SHIPS-T-2810
 STOCK NO.
 R.D.B. IDENT. NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Receiver Group	22 X 22 X 24	250
1	Transmitter Group	22 X 22 X 24	200

June 1961

Radio-Communications Terminal Equipment TELEGRAPH TERMINAL GROUP AN/UGA-1

FUNCTIONAL DESCRIPTION

The AN/UGA-1 is designed to accept multiplexed output of sixteen (16) channel multiplex equipment and divides it into sixteen (16) separate channels which are synchronously related to each other. Output on each channel is in six (6) unit synchronous signal. The receive portion of the equipment performs companion function.

No field changes in effect at time of preparation (23 January 1961).

RELATION TO OTHER EQUIPMENT

The AN/UGA-1 is designed to be used with but not part of AN/UGC-3() for use on frequency division telegraph systems.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF DIVISION: Time-division type.

TYPE OF OPERATION: Neutral.

TYPE OF ACTUATION: DC actuated.

NUMBER OF CHANNELS: 16.

NUMBER OF WORDS PER MINUTE: 60, 75, 100 words per minute per channel.

RELATION OF CHANNELS INPUT AND OUTPUT: The

16 channel inputs and outputs are synchronous on nature and are synchronously related.

OPERATING POWER RQMT: 115 v ac, 60 cps, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corporation, Chicago, Illinois.
Contract P. R. 832-79616.

TUBE AND/OR CRYSTAL COMPLEMENT

Electron Tube and/or Crystal data not available.

REFERENCE DATA AND LITERATURE

Nomenclature Card for Telegraph Terminal Group AN/UGA-1.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE NAVY BUSHIPS
PROCUREMENT COGNIZANCE SHIPS-T-2704
STOCK NO.
R.D.B. IDENT. NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Telegraph Terminal Group AN/UGA-1.	21 x 24 x 72	

24 July 1962

CONVERTER-SHIFT REGISTER GROUP AN/UGA-3(XN-1)

Cog Service: USN FSN:

Functional Class:

USA

USN

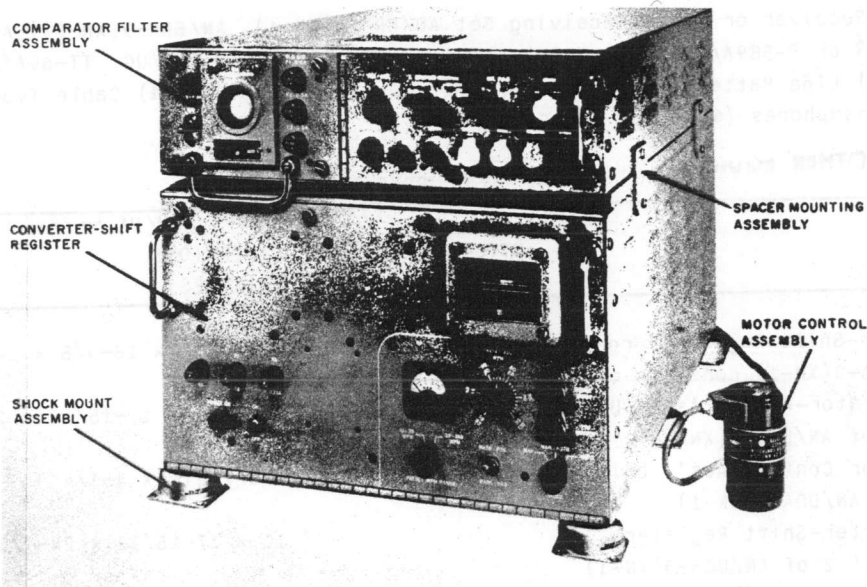
USAF

TYPE CLASS:

Used by

Used by

MANUFACTURER'S NAME/CODE NUMBER: C. G. S. Laboratories Inc., (88769).



Converter-Shift Register Group AN/UGA-3(XN-1)

FUNCTIONAL DESCRIPTION:

The Converter-Shift Register Group AN/UGA-3(XN-1) is designed as a completely transistorized digital computing system for converting Morse-Code transmissions into standard teleprinter code. The output of the system drives either a teleprinter or punch, thus recording the Morse-Code transmission either as a translated, typed message or as a punched tape.

No field changes in effect at time of preparation (11 January 1962).

TECHNICAL CHARACTERISTICS:

TYPE OF SIGNAL RECEIVED: International Morse-Code.

TYPE OF INDICATOR: CRO.

NUMBER OF INPUT CHANNELS: 1 channel.

NUMBER OF OUTPUT CHANNELS: 1 channel.

IMPEDANCE: 600 ohms.

AN/UGA-3(XN-1) CONVERTER-SHIFT REGISTER GROUP

OUTPUT SIGNAL CHARACTERISTICS: On-off, 5 unit MARK-SPACE, Teletype signals.

OPERATING FREQUENCY: 1000 cycles audio input.

OPERATING POWER RQMT: 115 v ac, 60 cps, single ph, 120 W.

RELATION TO OTHER EQUIPMENT:

The AN/UGA-3(XN-1) is designed to be used with, but not part of TT-242/UG, TT-47, TT-253 etc. and Receiver AN/BRR-3, AN/SRR-11 etc.

EQUIPMENT REQUIRED BUT NOT SUPPLIED:

(1) Radio Receiver or Radio Receiving Set AN/BRR-3(XN-1), AN/BRR-3(XN-2), AN/SRR-11, 12, 13, R-390A/URR or R-389A/URR; (1) Teletypewriter TT-47A/UG, TT-48A/UG, TT-69A/UG or TT-70A/UG; (1) Line Battery (20 or 60 ma); (2) Cable Type DSGA3; (1) Cable Type TTHFWA1-1/2; (1) Pair of Headphones (600 ohms impedance).

MAJOR COMPONENTS

QTY	ITEM	STOCK NUMBERS	DIMENSIONS (INCHES)	WEIGHT (LBS)
1	Converter-Shift Register Group AN/UGA-3(XN-1) consists of:		16-17/32 x 18-3/8 x 24-9/16	108-1/4
1	Comparator-Filter Ass'y Unit 1 of AN/UGA-3(XN-1)		4-23/32 x 17-15/32 x 24-9/16	37-1/2
1	Monitor Control Ass'y Unit 3 of AN/UGA-3(XN-1)		2-1/2 dia x 4-1/4 lg	1-3/4
1	Converter-Shift Register Unit 2 of AN/UGA-3(XN-1)		10 x 17-15/32 x 24-9/16	70-3/4
2	Spacer Mtg Ass'y		5/8 x 2-3/8 x 21-1/2	1/4
1	Angle Bracket Right Hand		1 x 1-1/4 x 10	1/2
1	Angle Bracket Right Hand (K)		1 x 1-1/4 x 4-23/32	1/4
1	Angle Bracket Left Hand		1 x 1-1/4 x 4-23/32	1/4
1	Cable Type TTHFWA1-1/2		7/16 dia x 32-1/4 lg	1/4
1	Cable Type DSGA3		1/2 dia x 30-1/4	1/4
2	Connector Plug, Electrical Amphenol Pt. no. 165-13			
2	Plug Telephone PJ-055			
1	Plug Telephone PJ-068			
1	Connector Plug GC-7793			
8	Screw, Machine (MIL-Std- 1032)			
1	Tool Kit			

REFERENCE DATA AND LITERATURE:

NAVSHIPS 93777: Technical Manual for Converter-Shift Register Group AN/UGA-3(XN-1).

TUBE, CRYSTAL AND/OR SEMI-CONDUCTOR DATA:

TUBES: None used.

CRYSTALS: None used.

SEMI-CONDUCTORS: (4) PESO-01696 (1) 1CP1 (6) 1N253 (150) 1N276 (1) 1N429 (2) 1N430
(13) 1N645 (1) 1N277

TRANSISTORS: (1) 2N174 (1) 2N388 (2) 2N404 (6) 2N539 (9) 2N526

SHIPPING DATA

PKGS	VOLUME (CU FT)	WEIGHT (LBS)
1	7.5	140

PROCUREMENT DATA

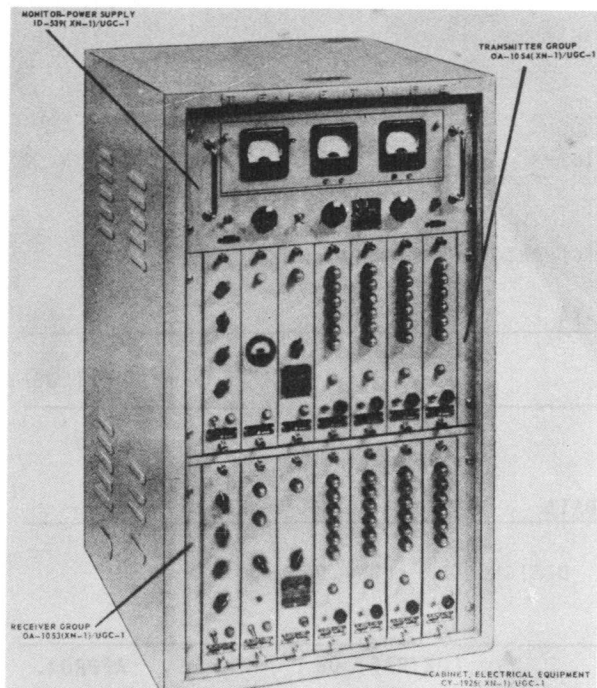
PROCURING SERVICE: USN
SPEC &/OR DWG:

DESIGN COG: USN, BuShips

CONTRACTOR	LOCATION	CONTRACT OR ORDER NO.	APPROX. UNIT COST
C. G. S. Laboratories Inc. Model CMP-18	Ridgefield, Conn.	NObsr-72775, 19 December 1960	

February 1960

Radio-Communication Terminal Equipment

TELEGRAPH TERMINAL SET**AN/UGC-1(XN-1)***Telegraph Terminal Set AN/UGC-1(XN-1)***FUNCTIONAL DESCRIPTION**

Telegraph Terminal Set AN/UGC-1(XN-1) is a complete send-receive transistorized time-division multiplex telegraph terminal. It is designed primarily for teletypewriter communication over long-haul high-frequency radio circuits employing frequency-shift keying. It is intended for both shore-based and shipboard installations.

No field changes in effect at time of preparation (9 October 1959).

RELATION TO OTHER EQUIPMENT

This equipment is a transistorized equivalent of the AN/UGC-5 Telegraph Terminal,

Signal speeds and coding are identical, permitting interchangeability of the two sets.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

POWER REQUIREMENTS: 115 v, 50 to 60 cy, 1 ph.

OPERATING CHANNEL SPEEDS: 60, 75 or 100 wpm.

NUMBER OF CHANNELS: 2, 3 or 4.

FREQUENCY CONTROL: Crystal.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp., Chicago, Illinois.

Contract NObsr-63319.

TRANSISTORS AND/OR CRYSTAL COMPLEMENT

(125) F51140 (28) T.I. 200 (72) T.I. 202

(1) 2N100 (296) 2N64 (1) 4JD1A17

Total Transistors: (523)

(1) 63.000 KC (1) 61.488 KC

Total Crystals: (2)

REFERENCE DATA AND LITERATURE

NAVSHIPS 92599: Technical Manual for TELEGRAPH TERMINAL SET AN/UGC-1(XN-1).

TYPE CLASSIFICATION (NAVY)

DESIGN COGNIZANCE USN, BUSHIPS

PROCUREMENT COGNIZANCE

STOCK NO.

R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Telegraph Terminal Set AN/UGC-1(XN-1)			
1	Maintenance Spare Parts (Peculiar)			

February 1960

Radio-Communication Terminal Equipment

AN/UGC-1(XN-1)

TELEGRAPH TERMINAL SET

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Cabinet, Electrical Equipment CY-1925(XN-1)/UGC-1 Includes:	21 X 25 X 36	
1	Monitor-Power Supply ID-539(XN-1)/UGC-1	8-3/4 X 14 X 19	
1	Transmitter Group OA-1054(XN-1)/UGC-1 C/O		
1	Amplifier-Control AM-1392(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	
1	Oscillator, R.F. O-413(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	
1	Demultiplexer-Multiplexer ID-134(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	
4	Converter, Telegraph Code CV-408(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	
1	Receiver Group OA-1053(XN-1)/UGC-1 C/O		
1	Amplifier-Control AM-1393(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	
1	Synchronizer, Electrical SN-171(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	
1	Demultiplexer-Multiplexer TD-134(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	
4	Converter, Telegraph Code CV-407(XN-1)/UGC-1	2-3/8 X 12-1/4 X 21	

24 JULY 1962

Cog Service: USN FSN: 5805-686-7999

TERMINAL, TELEGRAPH AN/UGC-1
Functional Class:

USA

USN

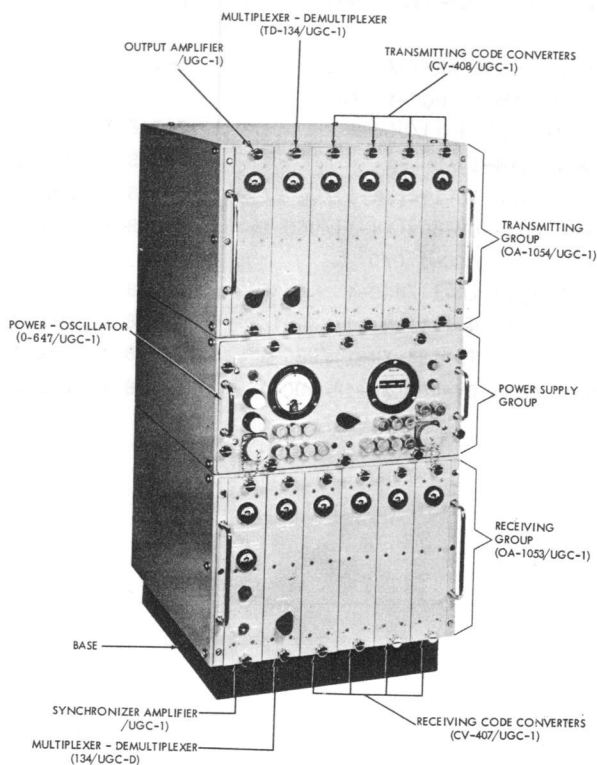
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TYPE CLASS:

Used by

Used by

MANUFACTURER'S NAME/CODE NUMBER: Teletype Corp., (59433).



Terminal, Telegraph AN/UGC-1

FUNCTIONAL DESCRIPTION:

The Terminal, Telegraph AN/UGC-1 is a complete send-receive transistorized time-division multiplex telegraph terminal. It is designed primarily for teletypewriter communication over long-haul high frequency radio circuits employing frequency-shift keying. It is intended for both shore-based and shipboard installation.

No field changes in effect at time of preparation (12 January 1962).

TECHNICAL CHARACTERISTICS:

TYPE OF MULTIPLEXING: Frequency division type.
TYPE OF FREQUENCY CONTROL: Crystal.
TYPE OF TERMINATIONS: 2-wire
NUMBER OF CHANNELS: 2, 3 or 4 channels.
OPERATING CHANNEL SPEEDS: 60, 75 and 100 wpm.

AN/UGC-1 TERMINAL, TELEGRAPH

LOOP DATA

TYPE: AC/DC.
TYPE OF OPERATION: Neutral.
TYPE OF SELECTION: Switch type.
OPERATING POWER RQMT: 115 v ac, 50 to 60 cps, single ph; dc, signal line-20 or 60 ma.

RELATION TO OTHER EQUIPMENT: None.

EQUIPMENT REQUIRED BUT NOT SUPPLIED: None.

MAJOR COMPONENTS

QTY	ITEM	STOCK NUMBERS	DIMENSIONS (INCHES)	WEIGHT (LBS)
1	Cabinet, Electrical Equipment		21 x 25 x 36	
	CY-1925/UGC-1 consists of:			
1	Monitor-Power Supply		8-3/4 x 14 x 19	
	ID-539/UGC-1			
1	Transmitter Group		12-1/4 x 17 x 25	
	OA-1054/UGC-1			
1	Amplifier-Control		2-3/8 x 12-1/4 x 21	
	AM-1392/UGC-1			
1	R. F. Oscillator		2-3/8 x 12-1/4 x 21	
	O-413/UGC-1			
1	Demultiplexer-Multiplexer		2-3/8 x 12-1/4 x 21	
	TD-134/UGC-1			
1	Converter, Telegraph Code		2-3/8 x 12-1/4 x 21	
	CV-408/UGC-1			
1	Receiver Group OA-1053/UGC-1		12-1/4 x 17 x 25	
	consists of:			
1	Amplifier-Control		2-3/8 x 12-1/4 x 21	
	AM-1393/UGC-1			
1	Synchronizer, Electrical		2-3/8 x 12-1/4 x 21	
	SN-171/UGC-1			
1	Demultiplex-Multiplexer		2-3/8 x 12-1/4 x 21	
	TD-134/UGC-1			
4	Converter, Telegraph Code		2-3/8 x 12-1/4 x 21	
	CV-407/UGC-1			

REFERENCE DATA AND LITERATURE:

NAVSHIPS 93408: Technical Manual for Terminal, Telegraph AN/UGC-1.

TUBE, CRYSTAL AND/OR SEMI-CONDUCTOR DATA:

TUBES: None used.

CRYSTALS: None used.

TERMINAL, TELEGRAPH AN/UGC-1

SEMI-CONDUCTORS: (10) 1N538 (2) 1N1372 (460) 1N270 (269) 1N277 (2) 1N461 (1) 1N540.

TRANSISTORS: (126) 2N110 (3) 2N341 (45) 2N388 (10) 2N398 (186) 2N404.

SHIPPING DATA

PKGS	VOLUME (CU FT)	WEIGHT (LBS)
1		71
1		68
1		197

PROCUREMENT DATA

PROCURING SERVICE: USN
SPEC &/OR DWG: MIL-T-21147

DESIGN COG: USN, BuShips

CONTRACTOR	LOCATION	CONTRACT OR ORDER NO.	APPROX. UNIT COST
Teletype Corp. Model TM200	Chicago, Illinois	N0bsr-75401, 29 October 1958	\$20,889.50

25 July 1962

Cog Service: USN FSN:

ROUTING SET TELETYPewriter AN/UGC-10

Functional Class:

USA

USN

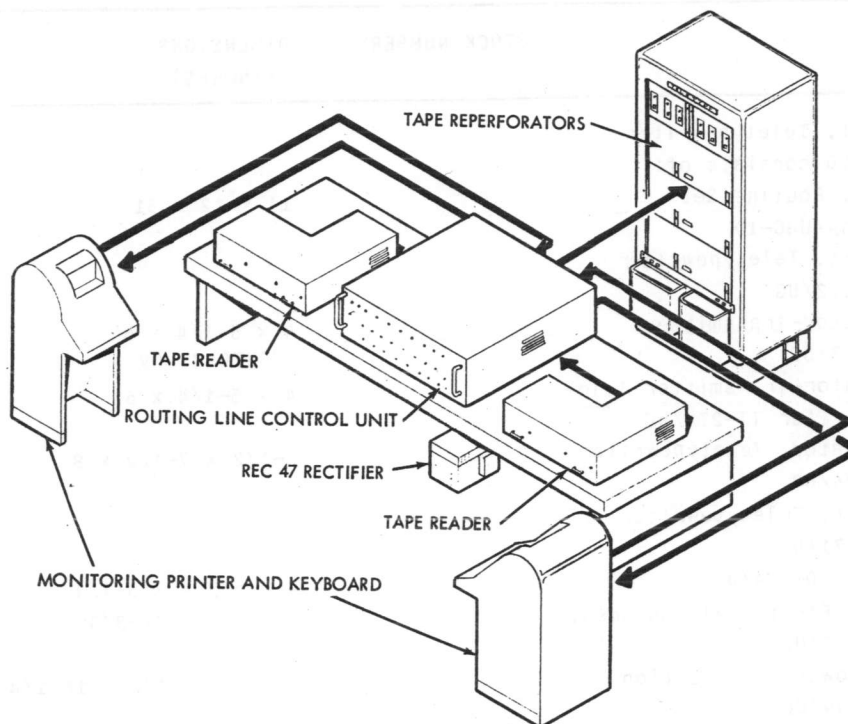
USAF

TYPE CLASS:

Used by

Used by

MANUFACTURER'S NAME/CODE NUMBER: Teletype Corporation.



Routing Set Teletypewriter AN/UGC-10

FUNCTIONAL DESCRIPTION:

The Routing Set, Teletypewriter AN/UGC-10 is designed to perform routing line segregation semi-automatically in the process of producing extra teletypewriter message tape required at semi-automatic relay stations for relay of multiple address messages of each of ten (10) addresses.

No field changes in effect at time of preparation (27 February 1962).

TECHNICAL CHARACTERISTICS:

OPERATING POWER RQMT: 115 v ac, 60 cps, single ph.

RELATION TO OTHER EQUIPMENT:

The AN/UGC-10 is designed to be used with, but is not part of Teletypewriter Sets

AN/UGC-10 ROUTING SET TELETYPEWRITER

AN/FGC-38, 38A, 38X, 38AX and AN/FGC-39, 39A.

EQUIPMENT REQUIRED BUT NOT SUPPLIED:

- (1) Page Printer Set Model 28, NAVSHIPS 91713 Technical Manual or Model 15.

MAJOR COMPONENTS

QTY	ITEM	STOCK NUMBERS	DIMENSIONS (INCHES)	WEIGHT (LBS)
1	Routine Set, Teletypewriter AN/UGC-10 consists of:			
1	Control, Routine Set C-3138/UGC-10		11 x 12 x 31	
2	Base Unit, Teletypewriter MT-2272/UG			
4	Distributor-Transmitter TT-277/UG		4 x 5-1/4 x 6	
2	Distributor-Transmitter Tele- typewriter TT-278/UG		4 x 5-1/4 x 6	
6	Reperforator, Teletypewriter TT-276/UG		6-1/2 x 7-1/2 x 8	
6	Base Unit, Teletypewriter MT-2271/UG			
6	AC Motor PD-17A/U		4 x 5-3/4 x 8-1/4	
1	Cabinet, Electrical Equipment CY-2738/UG		24 x 33 x 77-3/8	
3	Panel, Power Distribution SB-1099/UG		4-5/8 x 8-1/2 x 15-1/4	
2	Relay, Armature (FSN N5945-234-8053)		2-11/16 x 2-11/16 x 5-25/32	
1	Power Supply PP-987/U		7-1/2 x 10 x 12-1/4	

REFERENCE DATA AND LITERATURE:

NAVSHIPS 93407: Technical Manual for Routing Set, Teletypewriter AN/UGC-10.

TUBE, CRYSTAL AND/OR SEMI-CONDUCTOR DATA:

TUBES: None used.

CRYSTALS: None used.

SEMI-CONDUCTORS: None used.

SHIPPING DATA

PKGS VOLUME (CU FT) WEIGHT (LBS)

PROCUREMENT DATA

PROCURING SERVICE: USN

DESIGN COG: USN, BuShips

SPEC &/OR DWG:

CONTRACTOR	LOCATION	CONTRACT OR ORDER NO.	APPROX. UNIT COST
Teletype Corporation Model 28 ASR	Chicago, Illinois	N0bsr-75687, 10 February 1959	\$15,248.40

June 1961

Radio-Communication Terminal Equipment

TELETYPEWRITER SET**AN/UGC-11(XN-1)****FUNCTIONAL DESCRIPTION**

The AN/UGC-11(XN-1) is a fixed station, standard communication keyboard with English characters and the capability of having an interchangeable weather keyboard. This set is friction fed and will print 72 characters per line and has a series motor.

No field changes in effect at time of preparation (12 October 1960).

OPERATING POWER RQMT: 115 v ac, 400 cps, single ph; 28 v dc.

MANUFACTURER'S OR CONTRACTOR'S DATA

Smith-Corona-Marchant, Highland Park, Ill.

Spec No. 123-3100-004.

Contract NObsr-75853, dated 26 February 1960.

RELATION TO OTHER EQUIPMENT

The AN/UGC-11(XN-1) is a part of Subscriber Group, Teletypewriter-Voice AN/SSA-24(XN-1) and is used with but not part of Terminal Group, Telegraph AN/SCA-1(XN-1).

TUBE AND/OR CRYSTAL COMPLEMENT

Electron Tube and/or Crystal data not available.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93400: Preliminary Data Form for Teletypewriter Set AN/UGC-11(XN-1).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF INSTALLATION: Fixed station.

TYPE OF KEYBOARD: Standard Communication keyboard.

TYPE OF CHARACTERS: English characters.

NUMBER OF CHARACTERS PER LINE: 72 characters.

TYPE OF FEED: Friction fed.

TYPE OF MOTOR: Series motor.

UNIT CODE: 7.42 unit code.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE NAVY BUSHIPS
PROCUREMENT COGNIZANCE SHIPS-H-3333
STOCK NO.
R.D.B. IDENT. NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter Set AN/UGC-11(XN-1) consists of:		
1	Standard Communication Keyboard		
2	Page Printers		
1	Parallel Storage Unit		

June 1961

TELETYPEWRITER SET

AN/UGC-12

FUNCTIONAL DESCRIPTION

The AN/UGC-12 is a fixed-station, general-purpose equipment which transmits messages from the keyboard and/or the transmitter-distributor; it records received messages on page copy and/or perforated tape. The AN/UGC-12 also prepares perforated tapes from the keyboard and/or transmitter-distributor. The keyboard is standard communications, 76 English characters per line (for Teleprinter TT-298/UG and Teletypewriter TT-299/UG) with a 7.42 unit code. Feed is friction. All components use synchronous motors.

No field changes in effect at time of preparation (6 December 1960).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF INSTALLATION: Fixed-station.

TYPE OF FEED: Friction feed.

TYPE OF TAPE: Perforated tape.

NUMBER OF CHARACTERS PER LINE: 76 English characters.

OPERATING POWER RQMT: 115 v ac, 60 cps, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teleprinter Corporation, Paramus, New Jersey.

Contract NObsr-81601, dated 30 June 1960.

TUBE AND/OR CRYSTAL COMPLEMENT

Electron Tube and/or Crystal data not available.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93400: Preliminary Data Form for Teletypewriter Set AN/UGC-12.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE NAVY BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (Inches)	WEIGHT (lbs.)
1	Teletypewriter Set AN/UGC-12 consists of:	16 x 26 x 56	
1	Teletypewriter TT-299/UG		
1	Teleprinter TT-298/UG		
1	Distributor-Transmitter, Teletypewriter TT-187/UG		
1	Typing Reperforator, Teletypewriter TT-192/UG	10-1/4 x 12-1/4 x 16-1/4	
1	Tone Adapter for AN/UGC-6		

June 1961

Radio-Communication Terminal Equipment

TELETYPEWRITER SET**AN/UGC-13****FUNCTIONAL DESCRIPTION**

The Teletypewriter Set AN/UGC-13 is designed as a fixed-station, friction-feed equipment for specific use with a standard, English-character, communication keyboard. It prints 72 characters per line, and has a 7.00-unit code. It also has a synchronous motor.

No field changes in effect at time of preparation (18 April 1961).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF INSTALLATION: Fixed station.

TYPE OF EQUIPMENT: Friction-feed.

TYPE OF KEYBOARD: Standard-communication keyboard.

TYPE OF CHARACTERS: English characters.

NUMBER OF CHARACTERS PER LINE: 72 characters.

UNIT CODE: 7.00 unit code.

TYPE OF MOTOR: Synchronous.

OPERATING POWER RQMT: 115 v ac, 60 cps, single ph; 115 v dc.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corporation, Skokie, Illinois.

Model no. 28ASR.

Contract NObsr-81501.

TUBE AND/OR CRYSTAL COMPLEMENT

Electron Tube, Crystal and/or Semi-Conductor
Device data not available.

REFERENCE DATA AND LITERATURE

Nomenclature Card for Teletypewriter Set AN/UGC-13.

NAVSHIPS 93400: Preliminary Data Form for Teletypewriter Set AN/UGC-13.

TYPE CLASSIFICATION (NAVY)
PROCUREMENT COGNIZANCE
DESIGN COGNIZANCE NAVY BUSHIPS
STOCK NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
	Teletypewriter Set AN/UGC-13 consists of:		
1	Base Unit MT-244/UG		
1	Cabinet, Electrical Equipment CY-3062/UG	23 x 36 x 39	
1	Distributor-Transmitter, Teletypewriter TT-311/UG	3-5/8 x 5 x 7-1/2	
1	Keyboard-Transmitter, Teletypewriter MX-3312/UG		
1	Motor, AC PD-67/U	4 x 5-3/4 x 6	
1	Panel, Power Distribution SB-1227/UG	4-5/8 x 8-1/2 x 15-1/4	
1	Reperforator, Teletypewriter TT-316		
1	Typing Unit, Teletypewriter MX-3311/UG		
1	Motor AC PD-17A/U	4 x 5-1/2 x 6-1/2	
1	Corrector, Power Factor PD-17/U	4 x 4-3/4 x 8	
1	Corrector, Power Factor PD-17A/U	4 x 5-1/2 x 6-1/2	
1	Reperforator, Teletypewriter TT-315/UG	6-1/2 x 7-1/2 x 8	

8 January 1962

REPERFORATOR-TRANSMITTER SET, TELETYPEWRITER AN/UGC-14

Cog Service:

FSN:

Functional Class:

USA

USN

USAF

TYPE CLASS:

MANUFACTURER'S NAME/CODE NUMBER: Teletype Corporation

(No Illustration Available)

FUNCTIONAL DESCRIPTION:

The Reperforator-Transmitter Set, Teletypewriter AN/UGC-14 is designed as a fixed-station, friction feed equipment for specific use with standard, English-characters. It has a synchronous motor and a 7.00 unit code.

No field changes in effect at time of preparation (19 April 1961).

TECHNICAL CHARACTERISTICS:

TYPE OF INSTALLATION: Fixed station.

TYPE OF CHARACTERS: English.

TYPE OF EQUIPMENT: Friction-feed.

TYPE OF KEYBOARD: Standard-communication keyboard.

TYPE OF MOTOR: Synchronous.

TYPE OF TAPE: Chadless or fully punched.

TAPE WIDTH: 11/16 in w.

UNIT CODE: 7.00.

NUMBER OF CHANNELS: 1 channel.

OPERATING POWER REQMT: 115 v ac, 60 cps, single ph; 115 v dc.

RELATION TO OTHER EQUIPMENT: None.

EQUIPMENT REQUIRED BUT NOT SUPPLIED: None.

MAJOR COMPONENTS

QTY	ITEM	STOCK NUMBERS	DIMENSIONS (INCHES)	WEIGHT (LBS)
1	Reperforator-Transmitter Set, Teletypewriter AN/UGC-14 consists of: Cabinet, Electrical Equipment CY-3058/UG		27 x 28 x 60	
2	Reel Ass'y, Tape RL-217/UG			
2	Distributor-Transmitter, Teletypewriter TT-313/UG		3-5/8 x 5 x 7-1/2	
2	Reperforator Teletypewriter TT-314/UG		6-1/2 x 7-1/2 x 8	
2	Motor AC PD-84/U		4 x 5-3/4 x 6	
2	Base Unit, Teletypewriter MT-2424/UG			

1.5 AN/UGC-14: 1

AN/UGC-14 REPERFORATOR-TRANSMITTER SET, TELETYPEWRITER

REFERENCE DATA AND LITERATURE:

Nomenclature Card for Reperforator-Transmitter Set, Teletypewriter AN/UGC-14.
NAVSHIPS 93400: Preliminary Data Form for Reperforator-Transmitter Set, Teletypewriter
AN/UGC-14.

TUBE, CRYSTAL AND/OR SEMI-CONDUCTOR DATA:

TUBES: Data not available.

CRYSTALS: Data not available.

SEMI-CONDUCTORS: Data not available.

SHIPPING DATA

PKGS	VOLUME (CU FT)	WEIGHT (LBS)
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PROCUREMENT DATA

PROCURING SERVICE:	DESIGN COG: Navy, BuShips
SPEC &/OR DWG:	

CONTRACTOR	LOCATION	CONTRACT OR ORDER NO.	APPROX. UNIT COST
Teletype Corporation Model no. 28R-T	Skokie, Illinois	N0bsr-81501	

August 1957

TERMINAL TELEGRAPH

AN/UGC-2 (XN-1)

FUNCTIONAL DESCRIPTION

The AN/UGC-2(XN-1) makes possible a two channel radio circuit whereby two non-synchronous (or synchronous) telegraph transmissions modulate a single radio carrier wave by causing it to assume one of four specific frequencies at 400 cycle intervals. It provides demultiplexing input frequencies of 1955 cps, 2355, 2755, and 3155 cps. The Keying speed is 240 words per minute (WPM). It is suitable for either single or dual diversity operation.

No field changes in effect at time of preparation (13 February 1957).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

MULTIPLEXER TO 121(XN-1)/UGC-2.

KEYING INPUTS: Positive, negative or polar DC current and voltage pulses.

INPUT LEVEL: ± 10 v DC minimum; 45 ma DC minimum.

KEYING INPUT IMPEDANCE.

DC VOLTAGE: 100,000 ohms.

DC CURRENT: 220 ohms.

KEYING SPEED: 240 words per minute max.

OUTPUT IMPEDANCE: 10,000 ohms.

OUTPUT LEVEL:

NEUTRAL: 0 to 25 v.

POLAR: +6 to -6 v.

CONTROLS: Primary Power Switch, Test Keying Selector, S1M2 Adjustments M1S2 Adjustment, Total Shift Adjustment, Polar Output Adjustment and Polar-Neutral Output Switch.

POWER REQUIREMENTS: 110 or 220 v, 50 to 60 cps, 50 W.

METERING AND TEST JACKS: Jacks on front panel for monitoring (a) channel 1 input; (b) channel 2 input, and (c) output-Neon Keying indicators.

DEMUTIPLEXER TD-122(XN-1)/UGC-2.

INPUT IMPEDANCE: 600 ohms, unbalanced.

INPUT LEVEL: +8 vu to -50 vu.

INPUT FREQUENCIES: 1955, 2355, 2755, and 3155 cps.

INPUT FREQUENCY SHIFTS: 400 cps minimum; 1200 cps max.

RECEIVER INPUT: Single or dual diversity.

KEYING SPEED: 100 dot cycles per sec (240 WPM).

OUTPUT: Two floating outputs which are isolated from each other and supply neutral DC pulses of 65 ma max into 2000 ohms external load or to a teleprinter line presenting 2000 ohms impedance.

CONTROLS: Primary Power Switch, Sense Switch, Diversity Selector Switch, MONITOR RECEIVER Selector Switch, Chan-

nel 1 Output Current, Channel 2 Output Current, Channel 1 Filter Selector and Channel 2 Filter Selector.

POWER REQUIREMENTS: 110 to 220 v, 50 to 60 cps, 200 W.

METERING AND TEST JACKS: Receiver 1 Input level meter; Receiver 2 input level meter; Channel 1 output current meter; Channel 2 output current meter; Receiver 1 input monitor jack; Receiver 2 input monitor jack; Channel 1 output monitor jack; Channel 2 output monitor jack; Neon receiver tuning indicators.

POWER SUPPLY PP-1307(XN-1)/UGC-2.

CONTROLS: Power on-off switch; Regulated voltage adjustment.

INDICATORS: Power ON-OFF lamp.

POWER REQUIREMENTS: 110 or 220 v, 50 to 60 cps, 200 W.

MANUFACTURER'S OR CONTRACTOR'S DATA

Northern Radio Co., Inc. New York, N.Y.
Contract NObsr-63201, dated 23 Feb 1953.
Approximate Cost: \$4000.00 with equipment spares.

TUBE AND/OR CRYSTAL COMPLEMENT

(1) 6626/OA2WA	(5) 6627/OB2WA
(1) 6AU6WA	(5) 6X4WA
(2) 12AX7	(2) 5687WA
(8) 5726-6AL5W	(2) 5915
(4) 6005-6AQ5W	(16) 6189

Total Tubes: (46)

(4) 1N54	(2) V30HP
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Total Crystals: (6)

REFERENCE DATA AND LITERATURE

NAVSHIPS-92444-Volume I and II: Technical Manual for Telegraph Terminal AN/UGC-2(XN-1).

Vol-I-covers-Multiplexer-TD-121(XN-1)/UGC-2.

Vol-II-covers-Demultiplexer-TD-122(XN-1)/UGC-2 and Power Supply PP-1307(XN-1)/UGC-2.

TYPE CLASSIFICATION
DESIGN COGNIZANCE
PROCUREMENT COGNIZANCE
STOCK NO.

BUSHIPS

August 1957

AN/UGC-2(XN-1)

TERMINAL TELEGRAPH

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Demultiplexer-TD-122(XN-1)/UGC-2	5-1/4 X 13-1/2 X 19	27
1	Power Supply-PP-1307(XN-1)/UGC-2	5-1/4 X 14 X 19	30
1	Multiplexer-TD-121(XN-1) UGC-2	3-1/2 X 10 X 19	15
1	Interconnecting Cable	72	
1	Power Cord	23	

20 August 1962

TELEGRAPH TERMINAL SET AN/UGC-3

Cog Service: USN FSN:

Functional Class:

USA

USN

USAF

TYPE CLASS: Used by Used by

MANUFACTURER'S NAME/CODE NUMBER: Teletype Corporation, (59433).

(No Illustration Available)

FUNCTIONAL DESCRIPTION:

The Telegraph Terminal Set AN/UGC-3 is a transistorized, sixteen (16) channel, time division, multiplex equipment for fixed station installation. A complete set consists of a transmitting and receiving group. The transmitting group accepts neutral, start-stop signals from up to 16 separate circuits and assembles them in sequential order for multiplex transmission over a single circuit. The receiving group accepts multiplex signals from a distant source, converts them to start-stop, and distributes them to 16 separate circuits. Signals are received from a number of start-stop teletypewriter circuits, stored, and transmitted over common channel. In this process, the message characters from the start-stop circuits are compressed in time so that a character from each of these circuits is transmitted in the time normally required to send one character from a single circuit. The receiving multiplex terminal sorts the compressed signals into their respective circuits and regenerates them into normal length start-stop characters. Adjacent siting of the receiver and transmitter group permits use of the built-in test equipment in both.

No field changes in effect at time of preparation (6 July 1962).

TECHNICAL CHARACTERISTICS:

TYPE OF MULTIPLEXING: Time-division type.

TYPE OF FREQUENCY CONTROL: Temperature controlled crystal oscillator.

REPETITION RATE: 60 wpm-440 pps; 74 wpm-562.5 pps; 100 wpm-733.69 pps.

NUMBER OF CHANNELS: 4, 8, 12 or 16.

OPERATING POWER RQMT: 115 v ac, 60 cps, single ph.

RELATION TO OTHER EQUIPMENT:

In four channel operation, the multiplex signals of the AN/UGC-3 are completely compatible with those of AN/UGC-1 at all speeds and with the AN/FGC-5 at 60 & 75 words per minute. Any standard apparatus using a 7.42 unit code may be employed in the start-stop circuits. All start-stop equipment must have the same operating speeds of 60, 75 or 100 words per minute.

The AN/UGC-3 is designed to be used with, but not part of AN/UGA-1.

EQUIPMENT REQUIRED BUT NOT SUPPLIED: None.

AN/UGC-3 TELEGRAPH TERMINAL SET

MAJOR COMPONENTS

QTY	ITEM	STOCK NUMBERS	DIMENSIONS (INCHES)	WEIGHT (LBS)
1	Telegraph Terminal Set AN/UGC-3 consists of:			
1	Transmitter Group OA-2994/UGC-3 consists of:		23-3/8 x 24 x 84	556
1	Telegraph Terminal Test Set TS-1415/UG		2-1/2 x 11-3/4 x 20	
1	Electrical Equipment Cabinet CY-3000/UG		2-1/2 x 10-1/4 x 19	
1	Telegraph Code Converter CV-468/UGC-1		5-5/8 x 5-7/8 x 11-1/2	
1	Multiplexer TD-426/UGC-3		6-11/16 x 14-1/4 x 16-3/4	
1	Power Supply PP-2756/UG		10-1/2 x 18-7/8 x 19	
1	Receiver Group OA-2995/UGC-3 consists of:		23-3/8 x 24 x 84	601
16	Electrical Equipment Cabinet CY-3001/UG		23-3/8 x 24 x 84	
1	Telegraph Code Converter CV-407/UGC-1		2-1/4 x 10-1/8 x 17	
1	Telegraph Terminal Test Set TS-1415/UG		2-1/2 x 11-3/4 x 20	
1	Demultiplexer TD-427/UGC-3		6-11/16 x 14-1/4 x 16-3/4	
1	Synchronizer SN-285/UGC-3		6-1/2 x 8 x 16	
1	Power Supply PP-275/UG			

REFERENCE DATA AND LITERATURE:

Manuscript of Preliminary Instruction Book (Teletype Bulletin 265B) for Telegraph Terminal Set AN/UGC-3.

TUBE, CRYSTAL AND/OR SEMI-CONDUCTOR DATA:

TUBES: (5) 5642 (1) 5651WA (1) 5726-6AL5W (3) 6AN8 (8) 6AU6WB (1) 6BQ7A (1) 6CB6
(2) 6CL6 (1) 6CZ5 (1) 6080WA (9) 6922

CRYSTALS: None used.

SEMI-CONDUCTORS: (1) T317P2 (2) 1N1372 (372) 1N270 (629) 1N277 (2) 1N461 (2) 1N540
(1) 1N91

TRANSISTORS: (5) 2N341 (381) 2N388 (21) 2N398 (1368) 2N404 (2) 2N539

SHIPPING DATA

PKGS	VOLUME (CU FT)	WEIGHT (LBS)
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PROCUREMENT DATA

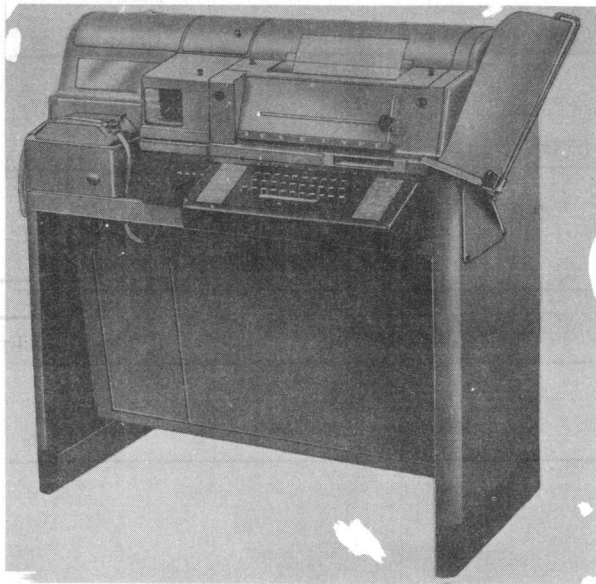
PROCURING SERVICE: USN
SPEC &/OR DWG: SHIPS-T-3347

DESIGN COG: USN, BuShips

CONTRACTOR	LOCATION	CONTRACT OR ORDER NO.	APPROX. UNIT COST
Teletype Corporation	Chicago, Illinois	N0bsr-71789, 3 April 1959	

June 1961

Radio-Communication Terminal Equipment

TELETYPEWRITER**AN/UGC-5***Teletypewriter AN/UGC-5*

Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal Line Rectifier; (1) Signal Distortion Test Equipment.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.
 TYPE OF KEYBOARD: Std communication keyboard.
 TYPE OF CHARACTERS: English.
 QUANTITY OF CHARACTERS: 72 characters per line.
 TYPE OF FEED: Friction.
 TYPE OF MOTOR: Synchronous.
 UNIT CODE: 7.42.
 POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp., Chicago, Ill.
 Model No. 28ASR.
 Contract NObsr-75257.
 Contract NObsr-81108.

FUNCTIONAL DESCRIPTION

Teletypewriter AN/UGC-5 is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142 Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (1) Line

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION
 DESIGN COGNIZANCE (NAVY)
 PROCUREMENT COGNIZANCE USN, BUSHIPS
 STOCK NO.
 R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2643/UG and Typing Perforator TT-252/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typer MX-1115B/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-67/U	0.3	5-3/4 x 8 x 11-3/4	10

Radio-Communication Terminal Equipment

June 1961

AN/UGC-5

TELETYPEWRITER

SHIPPING DATA

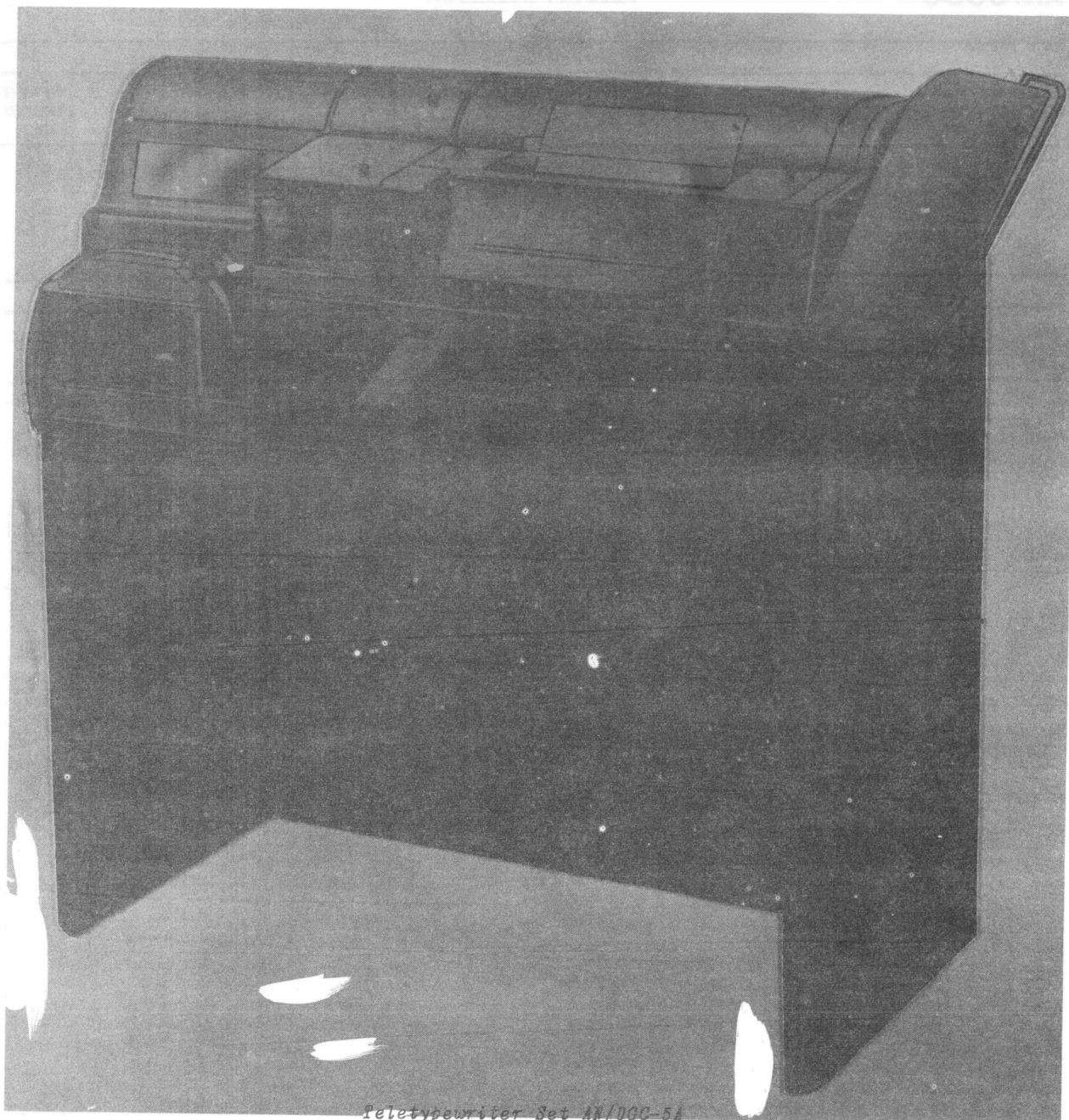
NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-5 including:		235
1	Cabinet CY-2529/UG (w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Automatic Typer MX-1115B/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-252/UG	7-1/2 x 7-1/2 x 8	7
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Synchronous PD-67/U	4 x 5-3/4 x 8-1/2	9
1	Set of Gears CTT-160675		
1	Set of Gears CTT-160676		
1	Set of Gears CTT-160677		

June 1961

Radio-Communication Terminal Equipment

TELETYPEWRITER**AN/UGC-5A***Teletypewriter Set AN/UGC-5A***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-5A is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more

ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142

UNCLASSIFIED

1.5 AN/UGC-5A: 1

June 1961

AN/UGC-5A**TELETYPEWRITER**

Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (1) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal Line Rectifier; (1) Signal distortion test equipment.

Model No. 28ASR.

Contract NObsr-75257.

Contract NObsr-81108.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.

TYPE OF KEYBOARD: Std communication keyboard.

TYPE OF CHARACTERS: English.

QUANTITY OF CHARACTERS: 72 characters per line.

TYPE OF FEED: Friction.

TYPE OF MOTOR: Synchronous.

UNIT CODE: 7.42.

POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp, Chicago, Ill.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE NAVY BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

SHIPPING DATA

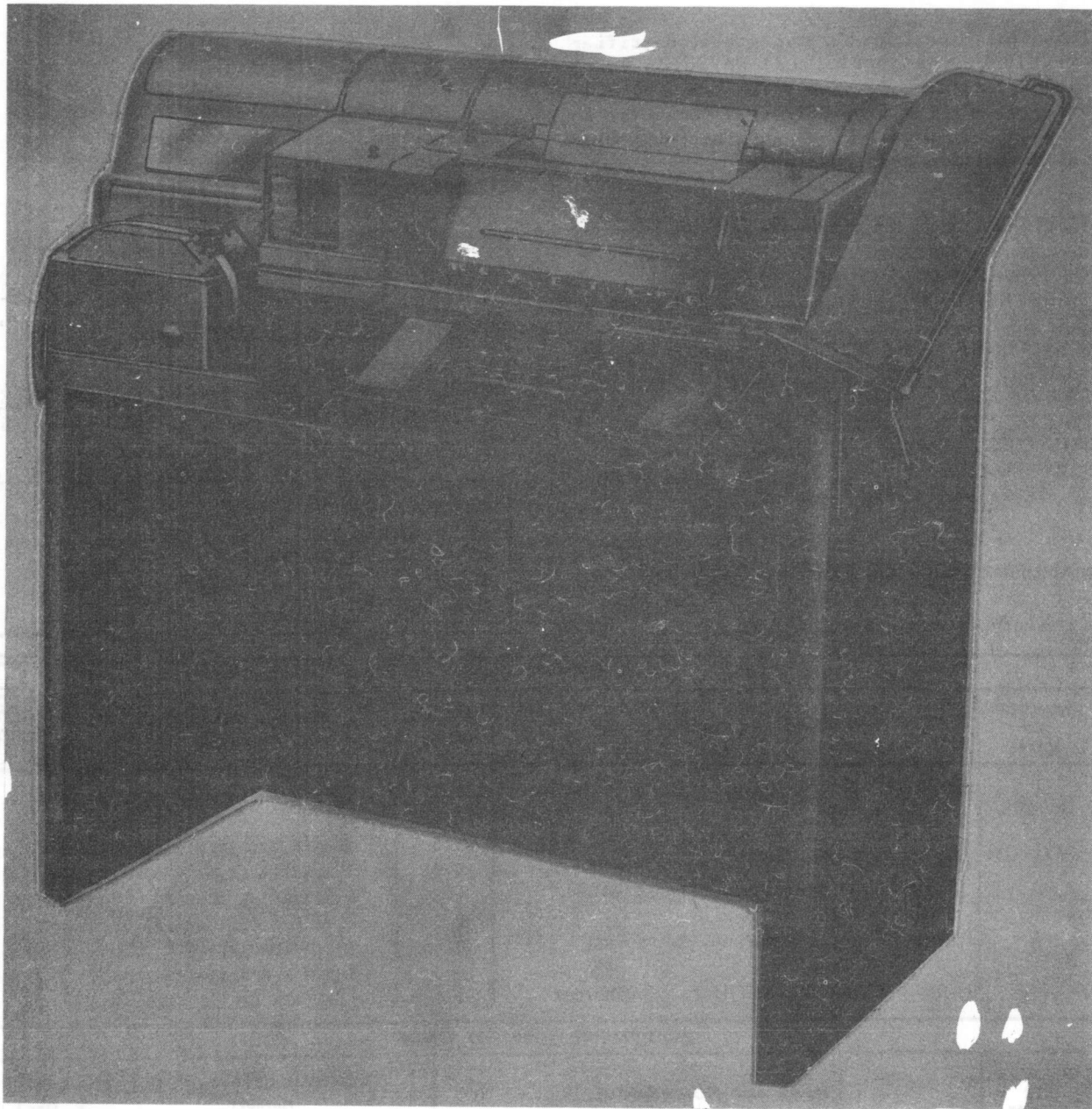
NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MC-2643/UG and Typing Perforator TT-252/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typewriter MX-2984/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-67/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-5A including:		235
1	Cabinet CY-2529/UG (w/copy holder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Automatic Typewriter MX-2984/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Synchronous PD-67/U	4 x 5-3/4 x 8-1/2	9
1	Set of Gears		

June 1961

Radio-Communication Terminal Equipment

TELETYPEWRITER**AN/UGC-5AX***Teletypewriter AN/UGC-5AX***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-5AX is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or

wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142

June 1961

Radio-Communication Terminal Equipment

AN/UGC-5AX

TELETYPEWRITER

Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (1) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal Line Rectifier; (1) Signal distortion test equipment.

Model No. 28ASR.
Contract NObsr-75257.
Contract NObsr-81108.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.
TYPE OF KEYBOARD: Std communication key-board.
TYPE OF CHARACTERS: English.
QUANTITY OF CHARACTERS: 72 characters per line.
TYPE OF FEED: Friction.
TYPE OF MOTOR: Series.
UNIT CODE: 7.42.
POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE USN, BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp, Chicago, Ill.

SHIPPING DATA

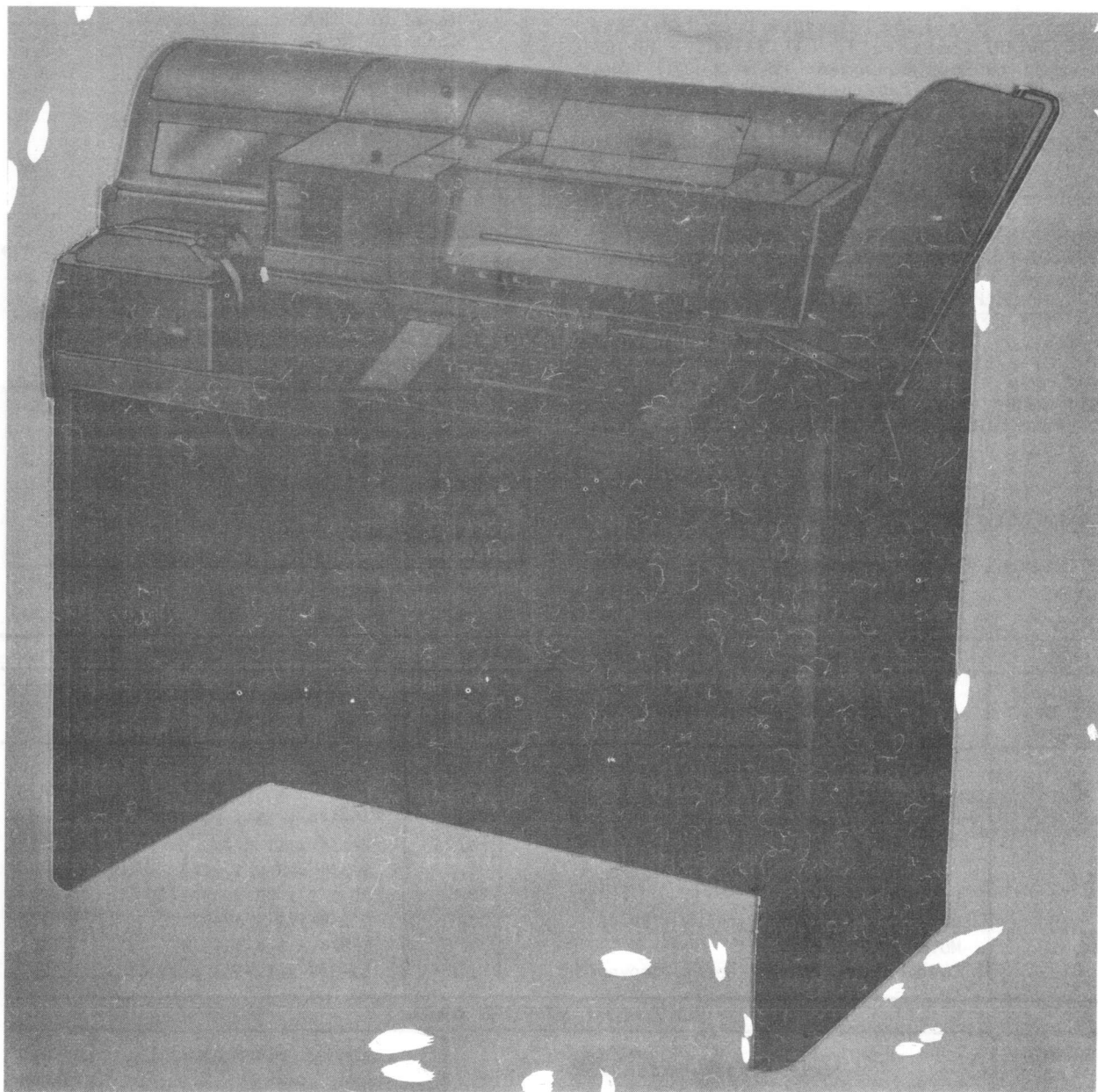
NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2643/UG and Typing Perforator TT-252/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typewriter MX-2984/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-77/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-5AX includes:		
1	Cabinet CY-2529/UG(w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distributor SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Automatic Typewriter MX-2984/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-252/UG	7-1/2 x 7-1/2 x 8	7
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Series PD-77/U	4 x 5-3/4 x 8-1/2	10
1	Set of Gears		

June 1961

Radio-Communication Terminal Equipment

TELETYPEWRITER SET**AN/UGC-5X***Teletypewriter Set AN/UGC-5X***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-5X is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142 Technical Manual for Teletypewriter Rectifier PP-10 10/UG-(optional); (1) NAVSHIPS 98363

June 1961

Radio-Communication Terminal Equipment

AN/UGC-5X**TELETYPEWRITER SET**

change 1 to Tool Equipment TE-50-A; (1) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal Line Rectifier; (1) Signal distortion test equipment.

Model No. 28ASR.
Contract NObsr-75257.
Contract NObsr-81108.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.
TYPE OF KEYBOARD: Std communication keyboard.
TYPE OF CHARACTERS: English.
QUANTITY OF CHARACTERS: 72 characters per line.
TYPE OF FEED: Friction.
TYPE OF MOTOR: Series.
UNIT CODE: 7.42.
POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp, Chicago, Ill.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE USN, BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
	Keyboard MX-2643/UG and Typing Perforator TT-252/UG	7.8		55
	Automatic Typewriter MX-1115B/UG	3.5		40
	Transmitter Distributor Base MT-2099/UG	0.6		7
	Transmitter Distributor TT-251/UG	0.3		8
	Cabinet CY-2529/UG	22.6		170
	Power Distribution Panel SB-959/UG	0.5		10
	Motor, AC PD-77/U	0.3		10
	Consolidated Package Gears, Copyholder	1.6		20

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-5X including:		236
1	Cabinet CY-2529/UG (w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Automatic Typewriter MX-1115B/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-252/UG	7-1/2 x 7-1/2 x 8	7
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Series PD-77/U	4 x 5-3/4 x 8-1/2	10
1	Set of Gears CTT-160675		
1	Set of Gears CTT-160676		
1	Set of Gears CTT-160677		

June 1961

Radio-Communication Terminal Equipment

TELETYPEWRITER SET**AN/UGC-6****ELECTRICAL AND MECHANICAL CHARACTERISTICS**

TYPE OF STATION: Fixed.
 TYPE OF KEYBOARD: Std communication keyboard.
 TYPE OF CHARACTERS: English.
 QUANTITY OF CHARACTERS: 72 characters per line.
 TYPE OF FEED: Friction.
 TYPE OF MOTOR: Synchronous.
 UNIT CODE: 7.42.
 POWER REQUIREMENTS: 115 v, porm 10%, 60 cyc, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp, Chicago, Illinois.
 Model No. 28ASR.
 Contract NObsr-75257.
 Contract NObsr-81108.
 Approximate cost, \$3,698.54, (less packing.)

FUNCTIONAL DESCRIPTION

Teletypewriter AN/UGC-6 is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142 Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (2) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal Line Rectifier; (1) Signal distortion test equipment.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION (NAVY)
 DESIGN COGNIZANCE USN, BUSHIPS
 PROCUREMENT COGNIZANCE
 STOCK NO.
 R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2643/UG and typing Perforator TT-252/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typer MX-1115B/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7

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AN/UGC-6

TELETYPEWRITER SET

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-67/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20
1	Typing Reperforator Base MT-2234/UG	1.5	14 x 14 x 14	18
1	Typing Reperforator TT-266/UG	1.0	11 x 12 x 13	10
1	Power Distribution Panel SB-1061/UG	0.5	5 x 9-1/2 x 17-3/4	8
1	Motor, AC PD-17A/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package, Gears, Relay Mounting Rack	0.3	4 x 10 x 13	3

EQUIPMENT SUPPLIED DATA

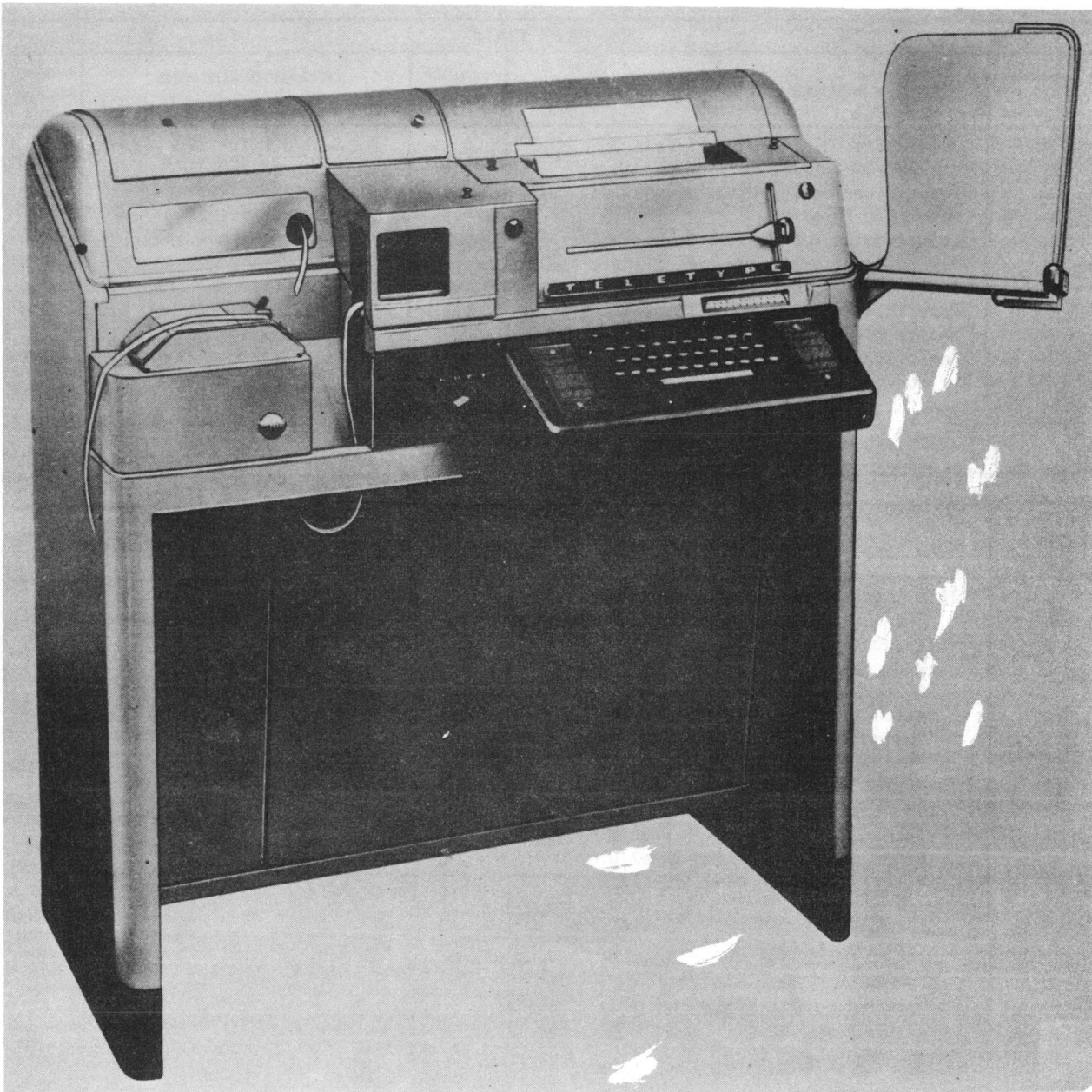
QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-6 including:		267
1	Cabinet CY-2529/UG (w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Power Distribution Panel SB-1061/UG	4-5/8 x 8-1/8 x 15	7
1	Automatic Typer MX-1115B/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-252/UG	7-1/2 x 7-1/2 x 8	7
1	Typing Perforator TT-266/UG	6-3/4 x 7-1/2 x 9	8
1	Typing Reperforator Base MT-2234/UG	11 x 11 x 11-1/2	8
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Synchronous PD-67/U	4 x 5-3/4 x 8-1/2	9
1	Motor, AC, Synchronous PD-17A/U	4 x 5-3/4 x 8-1/2	9
1	Set of Gears		

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Radio-Communication Terminal Equipment

TELETYPEWRITER

AN/UGC-6A

*Teletypewriter AN/UGC-6A***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-6A is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or

wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

(1) Set of Tools; (1) NAVSHIPS 92142

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Radio-Communication Terminal Equipment

AN/UGC-6A

TELETYPEWRITER

Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (1) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal Line Rectifier; (1) Signal distortion test equipment.

Model no. 28ASR.
Contract NObsr-75257.
Contract NObsr-81108.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.
TYPE OF KEYBOARD: Std communication keyboard.
TYPE OF CHARACTERS: English.
QUANTITY OF CHARACTERS: 72 characters per line.
TYPE OF FEED: Friction.
TYPE OF MOTOR: Synchronous.
UNIT CODE: 7.42.
POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for Teletypewriter AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION (NAVY)
PROCUREMENT COGNIZANCE
DESIGN COGNIZANCE USN, BUSHIPS
STOCK NO.
R.O.B. IDENT. NO.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp., Chicago, Illinois.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu. Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2643/UG and Typing Perforator TT-252/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typer MX-2984/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	72-1/2 x 40 x 43-1/2	170
1	Power Distributor Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-67/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20
1	Typing Reperforator Base MT-2234/UG	1.5	14 x 14 x 14	18
1	Typing Reperforator TT-266/UG	1.0	11 x 12 x 13	10
1	Power Distribution Panel SB-1061/UG	0.5	5 x 9-1/2 x 17-3/4	8
1	Motor, AC PD-17A/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package, Gears, Relay Mounting Rack	0.3	4 x 10 x 13	3

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-6A includes:		

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Radio-Communication Terminal Equipment

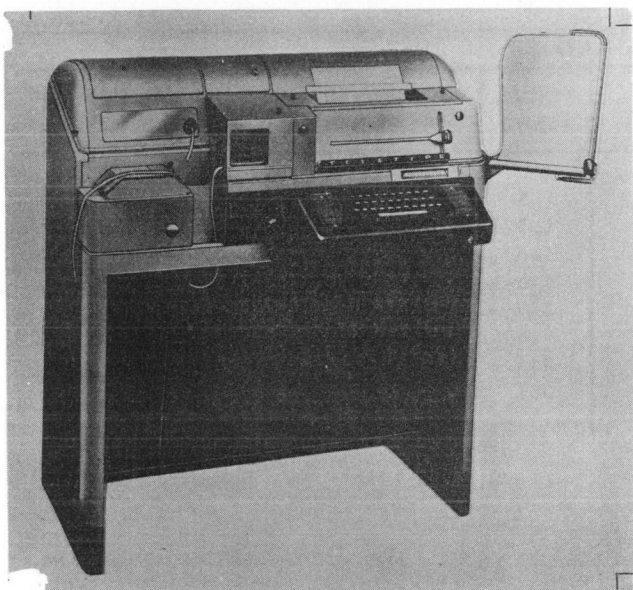
TELETYPEWRITER

AN/UGC-6A

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Cabinet CY-2529/UG (w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Power Distribution Panel SB-1061/UG	4-5/8 x 8-1/8 x 15	7
1	Automatic Typewriter MX-2984/U	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-252/UG	7-1/2 x 7-1/2 x 8	7
1	Typing Reperforator TT-266/UG	6-3/4 x 7-1/2 x 9	8
1	Typing Reperforator Base MT-2234/UG	11 x 11 x 11-1/2	8
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Synchronous PD-67/U	4 x 5-3/4 x 8-1/2	9
1	Motor, AC, Synchronous PD-17A/U	4 x 5-3/4 x 8-1/2	9

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TELETYPEWRITER**AN/UGC-6AX***Teletypewriter AN/UGC-6AX***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-6AX is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142 Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 Change 1 to Tool Equipment TE-50-A; (1) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal distortion test equip-

ment.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.
 TYPE OF KEYBOARD: Std communication keyboard.
 TYPE OF CHARACTERS: English.
 QUANTITY OF CHARACTERS: 72 characters per line.
 TYPE OF FEED: Friction.
 TYPE OF MOTOR: Series.
 UNIT CODE: 7.42.
 POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corporation, Chicago, Ill.
 Model No. 28ASR.
 Contract NObsr-75257.
 Contract NObsr-81108.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE USN, BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2643/UG and Typing Perforator TT-252/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typewriter MX-2984/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8

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AN/UGC-6AX

TELETYPEWRITER

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-77/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package, Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20
1	Typing Reperforator Base MT-2234/UG	1.5	14 x 14 x 14	18
1	Typing Reperforator TT-266/UG	1.0	11 x 12 x 13	10
1	Power Distribution Panel SB-1061/UG	0.5	5 x 9-1/2 x 17-3/4	8
1	Motor, AC PD-18/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package, Gears, Relay Mounting Rack	0.3	4 x 10 x 13	3

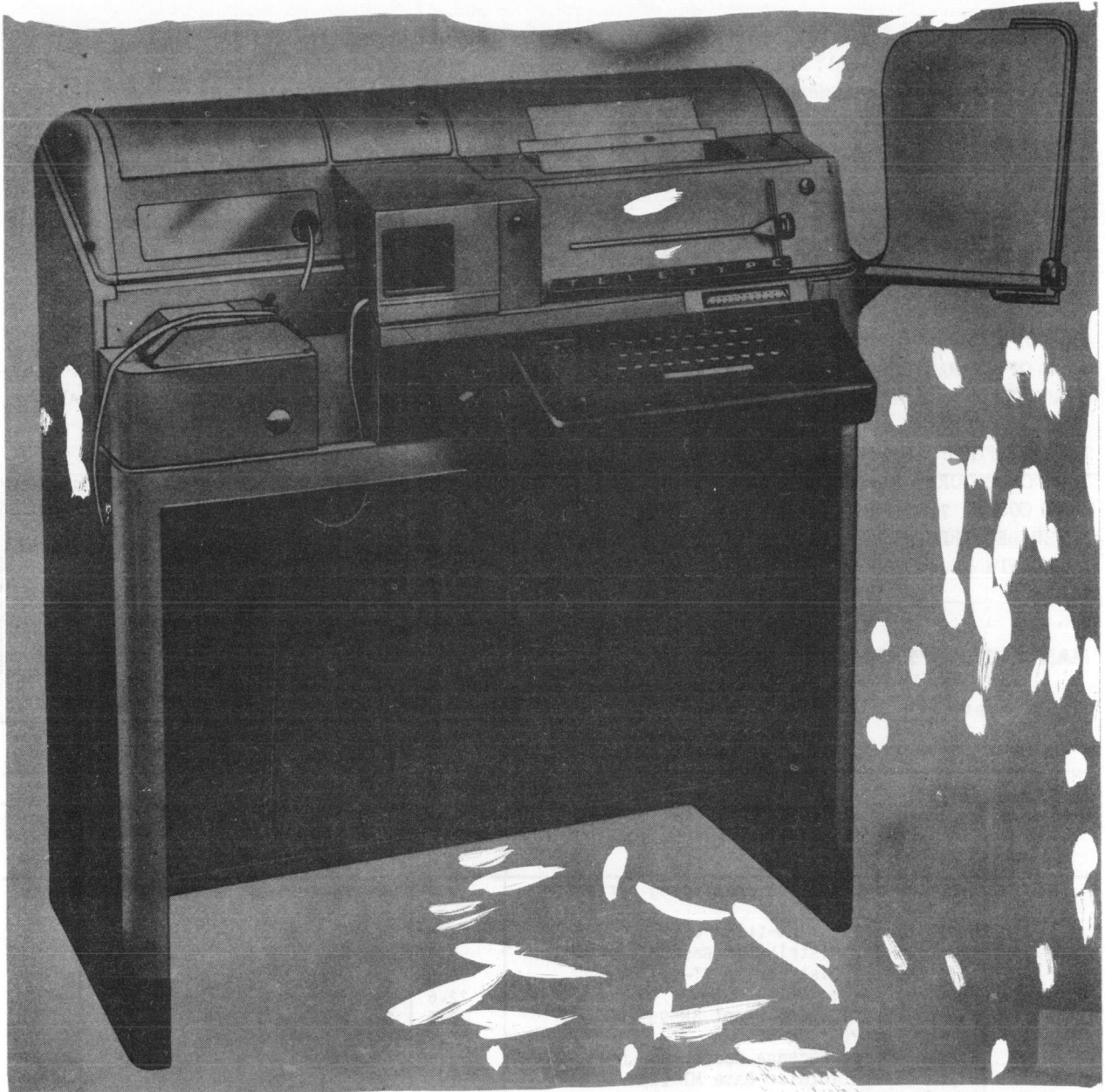
EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-6AX includes:		
1	Cabinet CY-2529/UG (w/Copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Power Distribution Panel SB-1061/UG	4-5/8 x 8-1/8 x 15	7
1	Automatic Typewriter MX-2984/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-252/UG	7-1/2 x 7-1/2 x 8	7
1	Typing Reperforator TT-266/UG	6-3/4 x 7-1/2 x 9	8
1	Typing Reperforator Base MT-2234/UG	11 x 11 x 11-1/2	8
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Series PD-77/U	4 x 5-3/4 x 8-1/2	10
1	Motor, AC, Series PD-18/U	4 x 5-3/4 x 8-1/2	9
1	Set of Gears		

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TELETYPEWRITER SET

AN/UGC-6X

*Teletypewriter AN/UGC-6X***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-6X is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or

wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142

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AN/UGC-6X**TELETYPEWRITER SET**

Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (2) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal distortion test equipment.

Model No. 28ASR.

Contract NObsr-75257.

Contract NObsr-81108.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.

TYPE OF KEYBOARD: Std communication keyboard.

TYPE OF CHARACTERS: English.

QUANTITY OF CHARACTERS: 72 characters per line.

TYPE OF FEED: Friction.

TYPE OF MOTOR: Series.

UNIT CODE: 7.42.

POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE USN, BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp., Chicago, Illinois.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu. Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2643/UG and Typing Perforator TT-252/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typer MX-1115B/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet, CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-77/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20
1	Typing Reperforator Base MT-2234/UG	1.5	14 x 14 x 14	18
1	Typing Reperforator TT-266/UG	1.0	11 x 12 x 13	10
1	Power Distributor Panel SB-1061/UG	0.5	5 x 9-1/2 x 17-3/4	8
1	Motor, AC PD-18/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package, Gears, Relay Mounting Rack	0.3	4 x 10 x 13	3

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-6X includes:		

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Radio-Communication Terminal Equipment

TELETYPEWRITER SET

AN/UGC-6X

EQUIPMENT SUPPLIED DATA

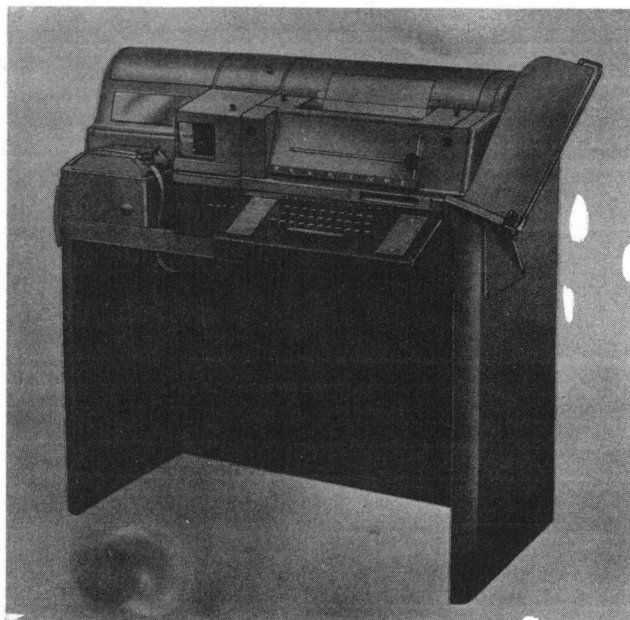
QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Cabinet CY-2529/UG (w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2643/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Power Distribution Panel SB-1061/UG	4-5/8 x 8-1/8 x 15	7
1	Automatic Typewriter MX-1115B/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-252/UG	7-1/2 x 7-1/2 x 8	7
1	Typing Reperforator TT-266/UG	6-3/4 x 7-1/2 x 9	8
1	Typing Reperforator Base MT-2234/UG	11 x 11 x 11-1/2	8
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Series PD-77/U	4 x 5-3/4 x 8-1/2	10
1	Motor, AC, Series PD-18/U	4 x 5-3/4 x 8-1/2	10
1	Set of Gears CTT-160675		
1	Set of Gears CTT-160676		
1	Set of Gears CTT-160677		

TYPE CLASSIFICATION (NAVY)
SET FOR COORDINATE USE, BUSINESS
MODERNIZATION COORDINATE
STOCK NO.
F.S.A. PRINT NO.

WHICH PACKED (lbs.)	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)	NAME AND NOMENCLATURE
20	18-1/4 x 38-1/2 x 46	150	Cabinet CY-2529/UG (w/copyholder)
31	12 x 20 x 22-1/2	31	Keyboard MX-2643/UG
9	4-5/8 x 8-1/8 x 15	9	Power Distribution Panel SB-959/UG
7	4-5/8 x 8-1/8 x 15	7	Power Distribution Panel SB-1061/UG
19	9-3/4 x 10-1/2 x 15-1/2	19	Automatic Typewriter MX-1115B/UG
7	7-1/2 x 7-1/2 x 8	7	Typing Perforator TT-252/UG
8	6-3/4 x 7-1/2 x 9	8	Typing Reperforator TT-266/UG
8	11 x 11 x 11-1/2	8	Typing Reperforator Base MT-2234/UG
6	3-1/2 x 4-1/2 x 7-1/8	6	Transmitter Distributor TT-251/UG
4	4-3/4 x 8-3/4 x 10-3/4	4	Transmitter Distributor Base MT-2099/UG
10	4 x 5-3/4 x 8-1/2	10	Motor, AC, Series PD-77/U
10	4 x 5-3/4 x 8-1/2	10	Motor, AC, Series PD-18/U
			Set of Gears CTT-160675
			Set of Gears CTT-160676
			Set of Gears CTT-160677

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Radio-Communication Terminal Equipment

TELETYPEWRITER SET**AN/UGC-7***Teletypewriter AN/UGC-7***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-7 is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142 Technical Manual for Teletypewriter Rectifier PP-10 10/UG (optional); (1) NAVSHIPS 98363

change 1 to Tool Equipment TE-50-A; (1) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal distortion test equipment.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.
 TYPE OF KEYBOARD: Weather communication keyboard.
 TYPE OF CHARACTERS: English.
 QUANTITY OF CHARACTERS: 72 characters per line.
 TYPE OF FEED: Friction.
 TYPE OF MOTOR: Synchronous.
 UNIT CODE: 7.42.
 POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp, Chicago, Ill.
 Model No. 28ASR.
 Contract NObsr-75257.
 Contract NObsr-81108.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE USN, BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2858/UG and Typing Perforator	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	TT-265/UG			
1	Automatic Typer MX-1422A/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC, PD-67/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20

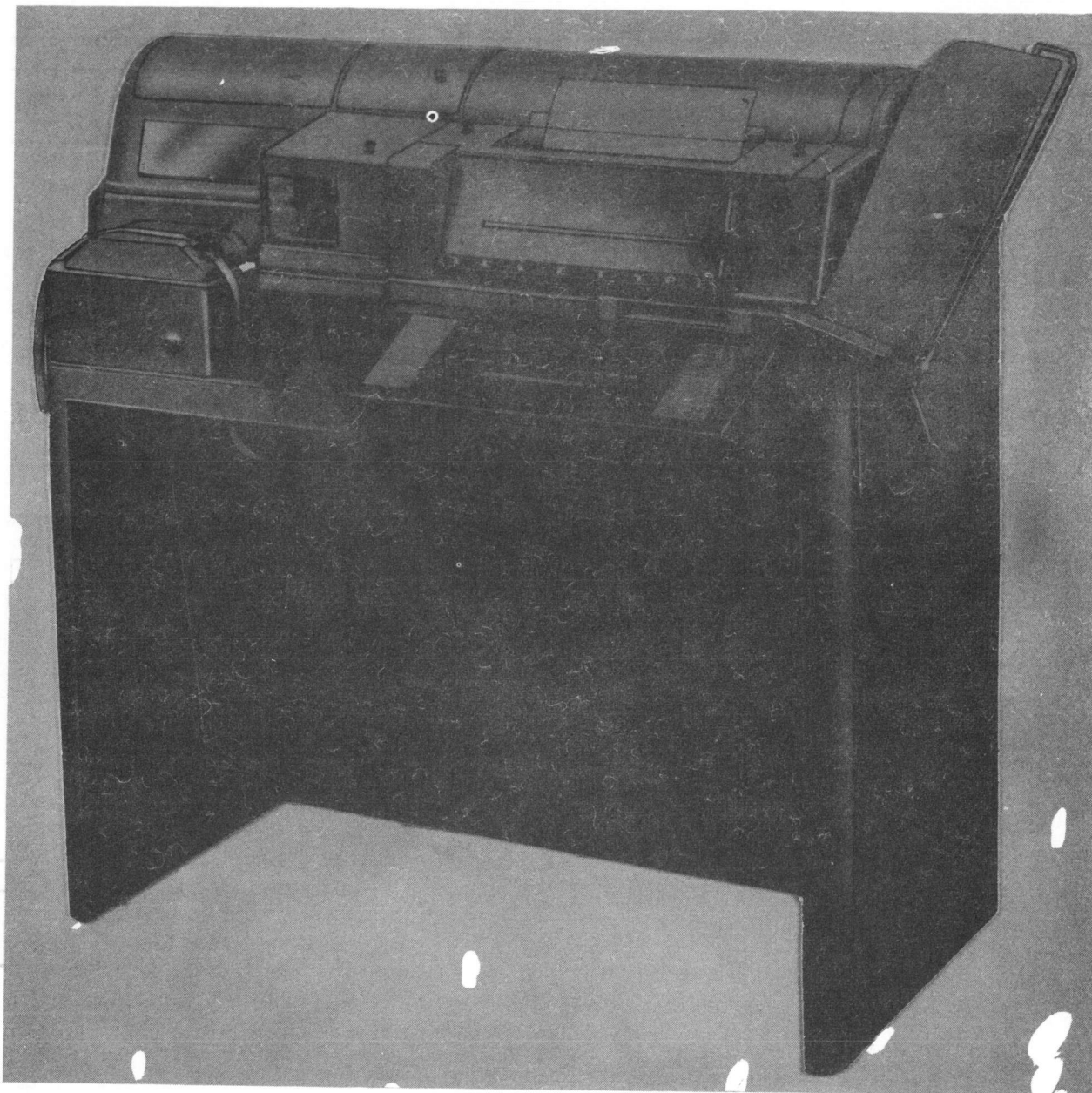
AN/UGC-7

TELETYPEWRITER SET

EQUIPMENT SUPPLIED DATA			
QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-7 includes:		235
1	Cabinet CY-2529/UG (w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyholder MX-2858/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Automatic Typer MX-1422A/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-265/UG	7-1/2 x 7-1/2 x 8	7
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Synchronous PD-67/U	4 x 5-3/4 x 8-1/2	9
1	Set of Gears CTT-160675		
1	Set of Gears CTT-160676-		
1	Set of Gears CTT-160677		

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Radio-Communication Terminal Equipment

TELETYPEWRITER SET**AN/UGC-7X***Teletypewriter AN/UGC-7X***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-7X is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or

wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of tools; (1) NAVSHIPS 92142

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Radio-Communication Terminal Equipment

AN/UGC-7X**TELETYPEWRITER SET**

Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (1) Line Relay RY-30; (1) External Power Connector to 120 v dc; (1) Signal distortion test equipment.

Model No. 28ASR.

Contract NObsr-75257.

Contract NObsr-81108.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.

TYPE OF KEYBOARD: Weather communication keyboard.

TYPE OF CHARACTERS: English.

QUANTITY OF CHARACTERS: 72 characters per line.

TYPE OF FEED: Friction.

TYPE OF MOTOR: Series.

UNIT CODE: 7.42.

POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8A.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp., Chicago, Ill.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE USN, BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu. Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2858/UG and Typing Perforator TT-265/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic typer MX-1422A/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-77/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20

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Radio-Communication Terminal Equipment

TELETYPEWRITER SET

AN/UGC-7X

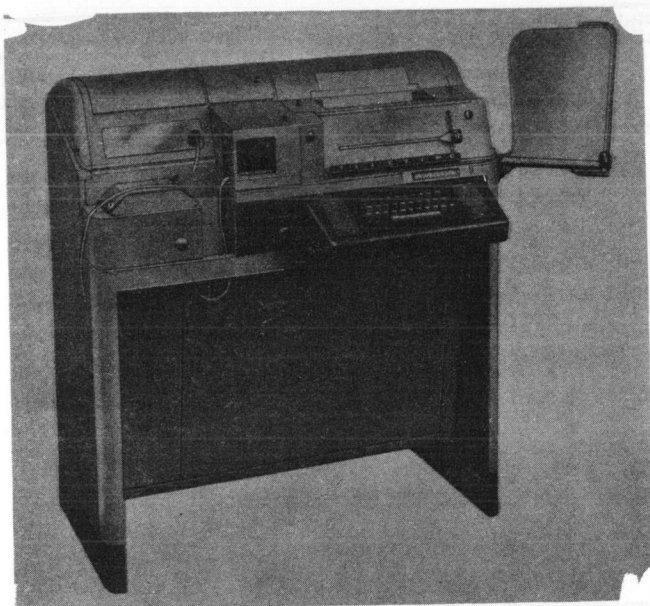
EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-7X includes:		
1	Cabinet CY-2529/UG (w/copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2858/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Automatic Typer MX-1422A/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-265/UG	7-1/2 x 7-1/2 x 8	7
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Series PD-77/U	4 x 5-3/4 x 8-1/2	10
1	Set of Gears		

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TELETYPEWRITER

AN/UGC-8



Teletypewriter AN/UGC-8

ment.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.
 TYPE OF KEYBOARD: Weather communication keyboard.
 TYPE OF CHARACTERS: English.
 QUANTITY OF CHARACTERS: 72 characters per line.
 TYPE OF FEED: Friction.
 TYPE OF MOTOR: Synchronous.
 UNIT CODE: 7.42.
 POWER REQUIREMENTS: 115 v, porm 10%, 60 cyc, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp, Chicago, Illinois.
 Model No. 28ASR.
 Contract NObsr-75257.
 Contract NObsr-81108.

FUNCTIONAL DESCRIPTION

Teletypewriter AN/UGC-8 is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of Tools; (1) NAVSHIPS 92142 Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363 change 1 to Tool Equipment TE-50-A; (2) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal distortion test equip-

TYPE CLASSIFICATION
 DESIGN COGNIZANCE (NAVY)
 PROCUREMENT COGNIZANCE USN, BUSHIPS
 STOCK NO.
 R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2858/UG and Typing Perforator TT-265/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typer MX-1422A/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7

AN/UGC-8

TELETYPEWRITER

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SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-67/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package, Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20
1	Typing Reperforator Base MT-2234/UG	1.5	14 x 14 x 14	18
1	Typing Reperforator TT-267/UG	1.0	11 x 12 x 13	10
1	Power Distribution Panel SB-1061/UG	0.5	5 x 9-1/2 x 17-3/4	8
1	Motor, AC PD-17A/U	0.3	5-3/4 x 9-1/2 x 17-3/4	10
1	Consolidated Package, Gears, Relay Mounting Rack	0.3	5-3/4 x 8 x 11-3/4	3

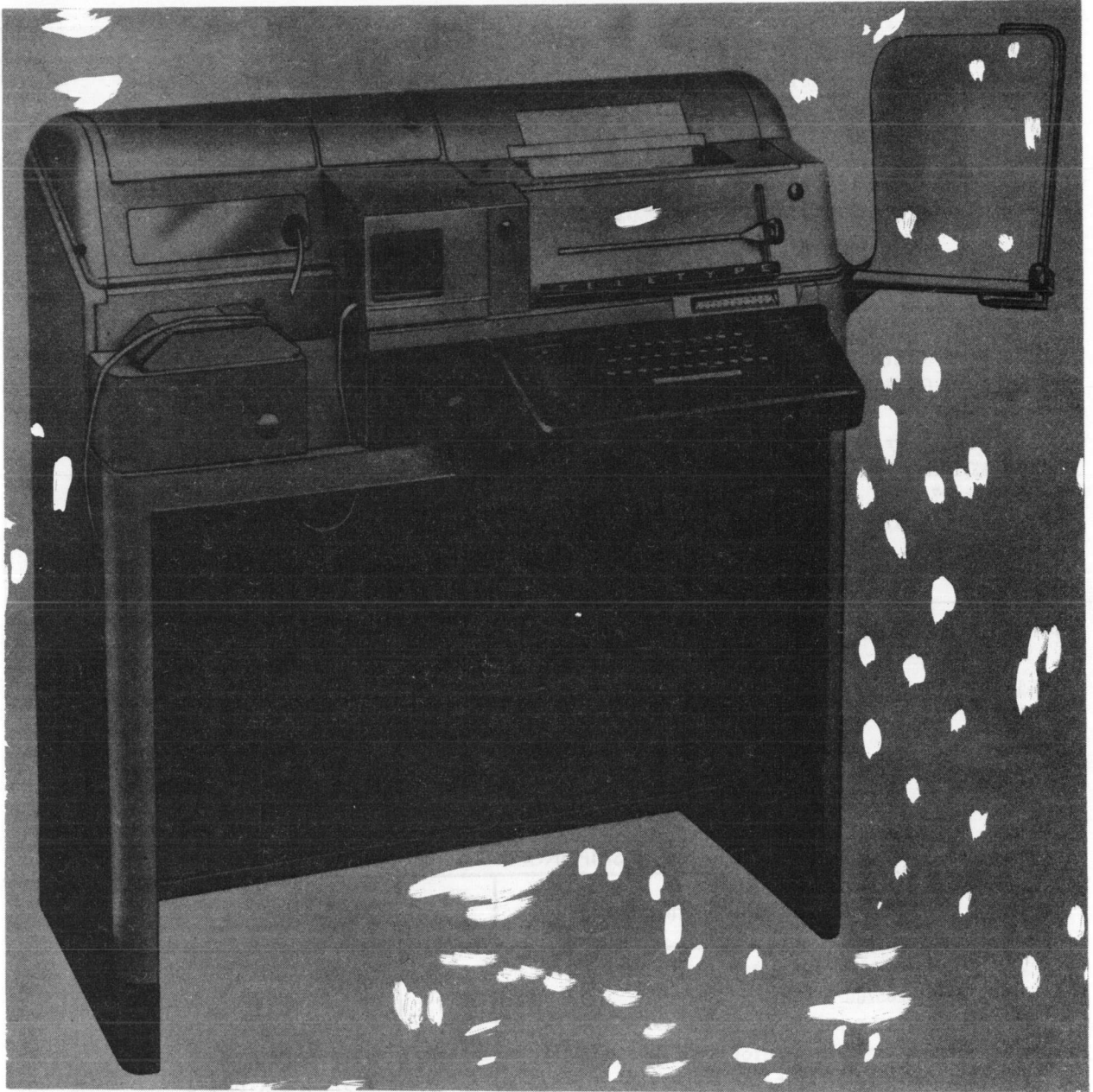
EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-8 includes:		267
1	Cabinet CY-2529/UG (w/Copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2858/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Power Distribution Panel SB-1061/UG	4-5/8 x 8-1/8 x 15	7
1	Automatic Typer MX-1422A/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-265/UG	7-1/2 x 7-1/2 x 8	7
1	Typing Reperforator TT-267/UG	6-3/4 x 7-1/2 x 9	8
1	Typing Reperforator Base MT-2234/UG	11 x 11 x 11-1/2	8
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Synchronous PD-67/U	4 x 5-3/4 x 8-1/2	9
1	Motor, AC, Synchronous PD-17A/U	4 x 5-3/4 x 8-1/2	9
1	Set of Gears		

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TELETYPEWRITER

AN/UGC-8X

*Teletypewriter AN/UGC-8X***FUNCTIONAL DESCRIPTION**

Teletypewriter AN/UGC-8X is an electro-mechanical apparatus which serves as a self-contained message originating and receiving center. It is used to exchange printed and tape-perforated messages between two or more ships or stations connected by a radio or wire telegraph channel.

No field changes in effect at time of preparation (27 September 1960).

EQUIPMENT REQUIRED BUT NOT SUPPLIED

(1) Set of tools; (1) NAVSHIPS 92142 Technical Manual for Teletypewriter Rectifier PP-1010/UG (optional); (1) NAVSHIPS 98363

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AN/UGC-8X

TELETYPEWRITER

change 1 to Tool Equipment TE-50-A; (2) Line Relay RY-30; (1) External Power Connector to 120 v ac; (1) Signal distortion test equipment.

Model No. 28ASR.

Contract NObsr-75257.

Contract NObsr-81108.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF STATION: Fixed.

TYPE OF KEYBOARD: Weather communication keyboard.

TYPE OF CHARACTERS: English.

QUANTITY OF CHARACTERS: 72 characters per line.

TYPE OF FEED: Friction.

TYPE OF MOTOR: Series.

UNIT CODE: 7.42.

POWER REQUIREMENTS: 115 v porm 10%, 60 cyc, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Teletype Corp., Chicago, Illinois.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes or Crystals used.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93534: Technical Manual for TELETYPEWRITERS AN/UGC-5, -5A, -5X, -5AX, -6, -6A, -6X, -6AX, -7, -7X, -8, -8X.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE USN, BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.
R.D.B. IDENT. NO.

SHIPPING DATA

NUMBER OF BOXES	CONTENTS AND IDENTIFICATION	VOLUME (Cu.Ft.)	OVERALL DIMENSIONS (inches)	WEIGHT PACKED (lbs.)
1	Keyboard MX-2858/UG and Typing Perforator TT-265/UG	7.8	18-3/4 x 25-1/2 x 28-1/2	55
1	Automatic Typewriter MX-1422A/UG	3.5	15-3/4 x 18 x 21-1/2	40
1	Transmitter Distributor Base MT-2099/UG	0.6	7-1/4 x 11 x 14	7
1	Transmitter Distributor TT-251/UG	0.3	6-3/4 x 8 x 10-1/2	8
1	Cabinet CY-2529/UG	22.6	22-1/2 x 40 x 43-1/2	170
1	Power Distribution Panel SB-959/UG	0.5	5 x 9-1/2 x 17-3/4	10
1	Motor, AC PD-77/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package Gears, Copyholder	1.6	11-3/4 x 12-1/4 x 19	20
1	Typing Reperforator Base MT-2234/UG	1.5	14 x 14 x 14	18
1	Typing Reperforator TT-267/UG	1.0	11 x 12 x 13	10
1	Power Distribution Panel SB-1061/UG	0.5	5 x 9-1/2 x 17-3/4	8
1	Motor, AC PD-18/U	0.3	5-3/4 x 8 x 11-3/4	10
1	Consolidated Package, Gears, Relay Mounting Rack	0.3	4 x 10 x 13	3

UNCLASSIFIED

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Radio-Communication Terminal Equipment

TELETYPEWRITER

AN/UGC-8X

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Teletypewriter AN/UGC-8X includes:		268
1	Cabinet CY-2529/UG (w/Copyholder)	18-1/4 x 38-1/2 x 46	150
1	Keyboard MX-2858/UG	12 x 20 x 22-1/2	31
1	Power Distribution Panel SB-959/UG	4-5/8 x 8-1/8 x 15	9
1	Power Distribution Panel SB-1061/UG	4-5/8 x 8-1/8 x 15	7
1	Automatic Typewriter MX-1422A/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	Typing Perforator TT-265/UG	7-1/2 x 7-1/2 x 8	7
1	Typing Reperforator TT-267/UG	6-3/4 x 7-1/2 x 9	8
1	Typing Reperforator Base MT-2234/UG	11 x 11 x 11-1/2	8
1	Transmitter Distributor TT-251/UG	3-1/2 x 4-1/2 x 7-1/8	6
1	Transmitter Distributor Base MT-2099/UG	4-3/4 x 8-3/4 x 10-3/4	4
1	Motor, AC, Series PD-77/U	4 x 5-3/4 x 8-1/2	10
1	Motor, AC, Series PD-18/U	4 x 5-3/4 x 8-1/2	10
1	Set of Gears		

UNCLASSIFIED

1.5 AN/UGC-8X: 3

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Radio-Communication Terminal Equipment

TERMINAL TELEGRAPH**AN/UGC-9 ()****FUNCTIONAL DESCRIPTION**

The AN/UGC-9() makes possible the transmission and reception of teletypewriter messages by radio communication between stations similarly equipped. For outgoing messages, the coded chain of "DC" pulses produced by the teletypewriter is converted by the associated teletypewriter terminal into corresponding audio tones which modulate the local voice frequency radio transmitter. For incoming messages, the teletypewriter terminal converts the audio tones incoming from the associated radio receiver into "DC" pulses which actuate the local teletypewriter. The audio tones produced by this terminal fall into two (2) options: Option A and Option B. The Option A space/mark frequencies are 500 to 700 cycles per second. The Option B space/mark frequencies are 1225 to 1325 cycles per second (cps).

No field changes in effect at time of preparation (28 December 1960).

RELATION TO OTHER EQUIPMENT

The AN/UGC-9() is the transistorized version of the AN/SGC-1.

ELECTRICAL AND MECHANICAL CHARACTERISTICS**AUDIO TONES**

NUMBER OF OPTIONS: 2 options.

TYPE OF OPTIONS: Options A and Option B.

OPTION FREQUENCY

Option A: Space/mark frequency 500 to 700 cps.

Option B: Space/mark frequency 1225 to 1325 cps.

OPERATING POWER RQMT: 115 or 230 v ac, 50 to 60 cps, single ph.

MANUFACTURER'S OR CONTRACTOR'S DATA

Remler Company, San Francisco, California.

TUBE AND/OR CRYSTAL COMPLEMENT

No Electron Tubes used; Transistor data not available.

REFERENCE DATA AND LITERATURE

NAVSHIPS 93400: Preliminary Data Form for Terminal Telegraph AN/UGC-9().

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE NAVY BUSHIPS
PROCUREMENT COGNIZANCE SHIPS-T-2042
STOCK NO.
R.D.B. IDENT. NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Terminal, Telegraph AN/UGC-9() consists of:	8-1/2 x 9-3/4 x 18-1/4	
1	Terminal, Telegraph TH-37()/UG	8-1/2 x 8-3/4 x 18-1/4	
1	Case, Telegraph Terminal CY-2484()/UGC-9	8-1/2 x 9-3/4 x 18-1/4	