

CSP 6620A

REGISTER NO.

SECRET-CRYPTO

CRYPTOGRAPHIC EQUIPMENT
PLANNING AND REFERENCE
GUIDE (U)

CSP 6620A

DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
SEPTEMBER 1962

EXCLUDED FROM AUTOMATIC
DECLASSIFICATION FOR DIR 5200.10
PPLY

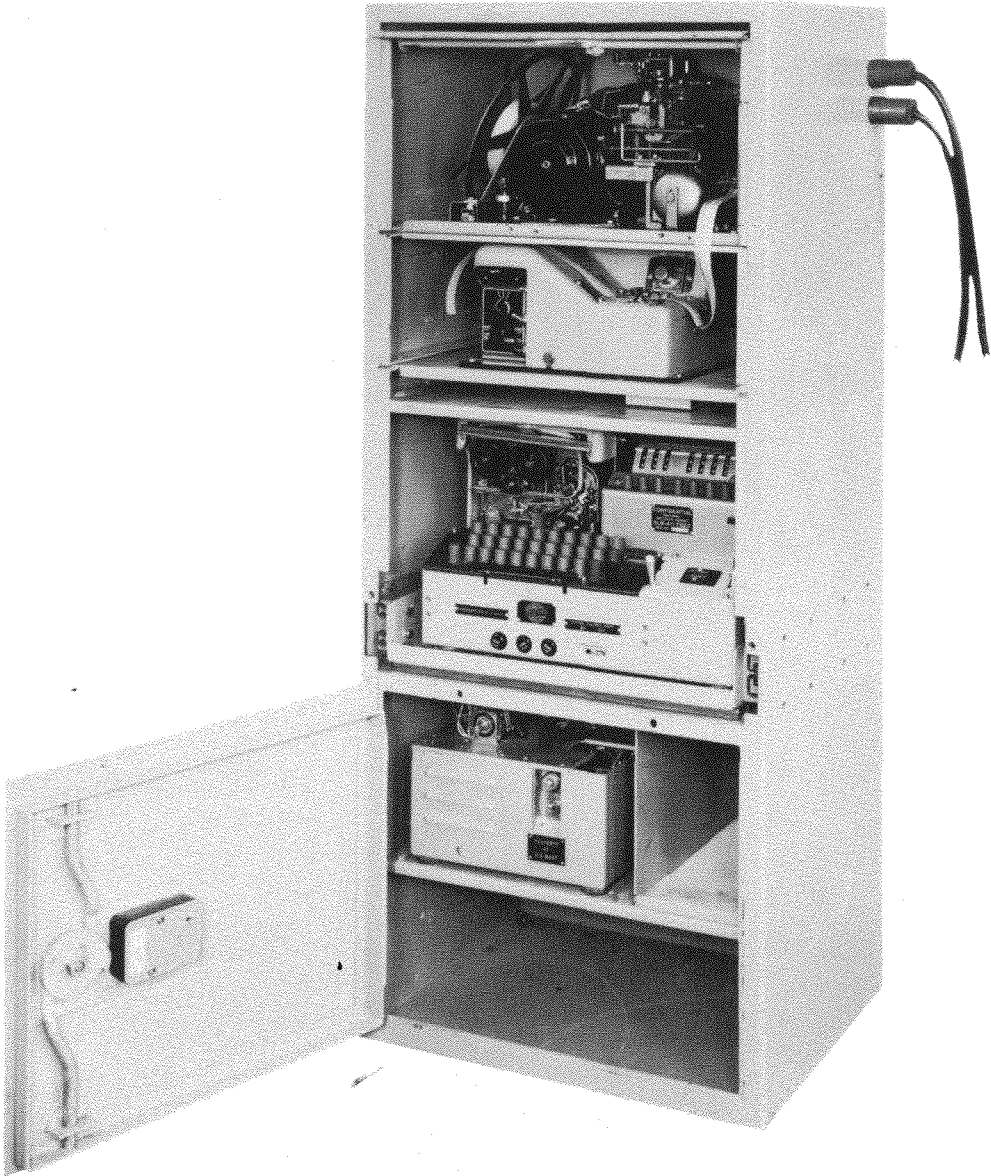
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DECLASSIFIED per SEC 3.4 E.O. 12958
by Director, NSA/Chief, CSS
[Signature] date 27 Oct 98

IT

ORIGINAL
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AN/SGA-5



DESCRIPTION	A COMPACT GROUP OF TELETYPEWRITER AND ANCILLARY EQUIPMENT DESIGNED PRIMARILY FOR USE IN SUBMARINES OR WHERE SPACE IS NOT AVAILABLE FOR AN AN/SGA-3. IN CONJUNCTION WITH THE KL-47 IT PROVIDES A SEMI-AUTO-MATIC, OFF-LINE, DECRYPTION ONLY CAPABILITY. IN CW OPERATION TRAFFIC IS COPIED DIRECTLY ON THE KEYBOARD OF THE PAGE PRINTER. IF THE TEXT IS ENCIPHERED, THE OPERATOR ENERGIZES THE REPERFORATOR THUS PRODUCING A PAGE COPY AND PERFORATED TAPE SIMULTANEOUSLY. THE TAPE IS THEN PROCESSED THROUGH THE HLT-1, HLI-1 AND KL-47 TO PRODUCE PLAIN TEXT ON GUMMED TAPE (SEE PAGE 2-34). IF A RATT CIRCUIT IS COPIED, THE RECEIVING TERMINAL GROUP MAY BE CONNECTED DIRECTLY TO THE PRINTER AND REPERFORATOR AND THE CIPHER TEXT PROCESSED AS ABOVE.														
	THE COMPLETE CONFIGURATION CONSISTS OF THE FOLLOWING COMPONENTS: 1 - HLT-1 (TAPE READER UNIT) 1 - MODIFIED TT-176/UG (PAGE PRINTER) (MINIATURIZED VERSION WHEN AVAILABLE) 1 - MODIFIED TT-159/UG (REPERFORATOR) 1 - SPECIAL SAFE LOCKER 1 - HLI-1 (TRANSLATOR UNIT) 1 - SPECIAL POWER SUPPLY														
STATUS	APPROVED FOR SERVICE USE AFLOAT AS INTERIM CRYPTOGRAPHIC TTY SYSTEM AND DESIGNATED AS SUBSTITUTE STANDARD FOR THE REQUIREMENT IT FULFILLS.														
TRAINING	NO SPECIALIZED TRAINING REQUIRED. (SEE PAGE 10-13 FOR KL-47 TRAINING)														
CRYPTOSYSTEM	ADONIS/POLLUX (DETERMINED BY ASSOCIATED CIPHER MACHINE)														
CLASSIFICATION	EQUIPMENT: WITHOUT ASSOCIATED CIPHER MACHINE - UNCLASSIFIED WITH KL-47 - CONFIDENTIAL-CRYPTO KEYING MATERIAL: ALL CLASSIFICATIONS TRAFFIC: ALL CLASSIFICATIONS														
PUBLICATIONS	MAINTENANCE: NONE FOR CONFIGURATION AS A WHOLE. SEE KAM'S LISTED IN HL-1 AND KL-47 SECTIONS. OPERATING: CSP-6606 (SECRET-CRYPTO)														
PROCUREMENT (COST IN THOUSANDS)	UNIT COST	PAST		FY 1963		FY 1964		FY 1965		FY 1966		FUTURE		TOTAL	
	\$4000 APPROX (DOES NOT IN- CLUDE KL-47)	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
		137	548											137	548
PHYSICAL CHARACTERISTICS	COMPONENT	HEIGHT	WIDTH	DEPTH	WEIGHT	VOLTAGE	POWER	REMARKS							
	CONFIGURATION LESS PAGE PRINTER	45 IN.	19 IN.	14 1/2 IN.	274 LBS.	115	APPROX 1300 WATTS	MINIATURIZED PAGE PRINTERS ARE BEING PROCURED FOR USE ON POLARIS SUBMARINES ONLY.							
	MODIFIED TT-176/UG	12 IN.	17 IN.	19 IN.	62 LBS.										
	MINIATURIZED PAGE PRINTER	6 IN.	14 IN.	16 IN.	20 LBS.	(50-60 CPS)	TOTAL								

