

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

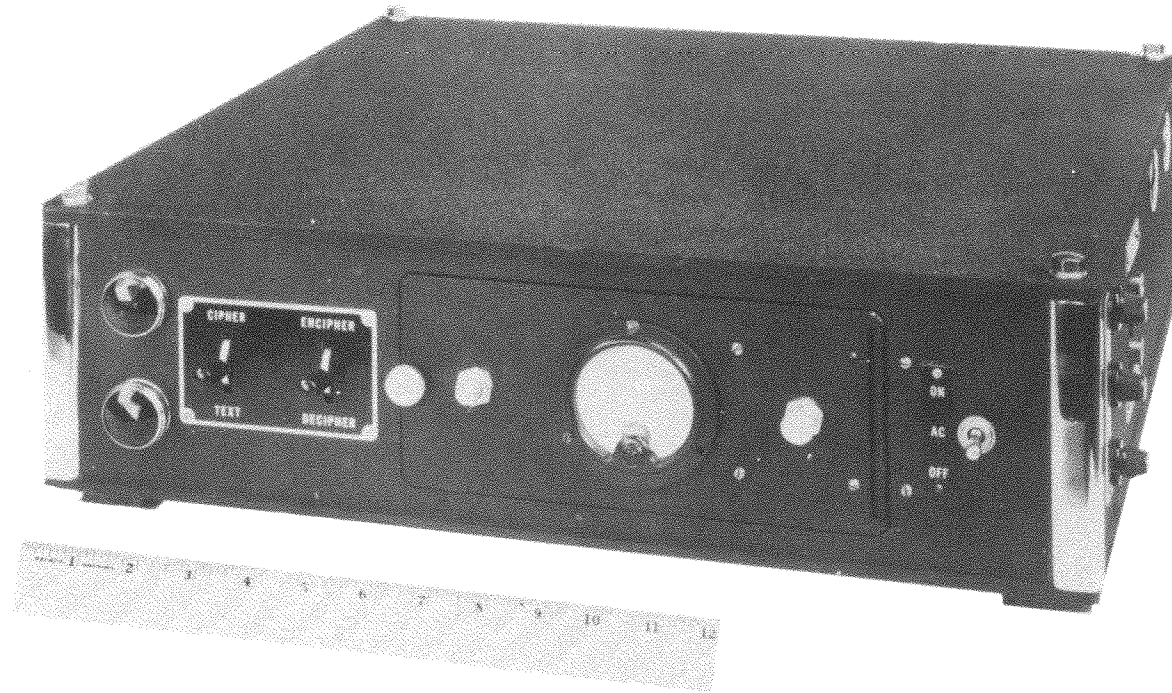
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DECLASSIFIED per SEC 3.4 E.O. 12958
by Director, NSA/Chief, CSS
[Signature] date *27 Oct 98*

IT

ORIGINAL
(Reverse Blank)

TSEC/HW-18



PRODUCTION MODEL

| | | | | | | | | | | | | | | | |
|------------------------------------|--|------------|--------|------------|--------|---------|--------|----------------------|--------|------------|--------|--|--------|-------|--------|
| DESCRIPTION | A LIGHTWEIGHT ELECTRO-MECHANICAL TELETYPEWRITER SIGNAL MIXER WHICH IS USED IN CONJUNCTION WITH THE CSP-2699 FOR ENCIPHERING, DECIPHERING AND PLAINTEXT OPERATION. ALTHOUGH ORIGINALLY DESIGNED FOR OFF-LINE OPERATION, IT CAN BE OPERATED IN AN ON-LINE ARRANGEMENT WHEN MODIFIED IN ACCORDANCE WITH KAB-30. WHEN USED IN ON-LINE OPERATION, THE HW-18 IS AUTHORIZED FOR RECEIVING USE ONLY. | | | | | | | | | | | | | | |
| STATUS | IN USE. THE 40 EQUIPMENTS IN USE WITHIN THE NAVY ARE ON LOAN FROM NSA. | | | | | | | | | | | | | | |
| TRAINING | NO SPECIALIZED TRAINING REQUIRED. | | | | | | | | | | | | | | |
| CRYPTOSYSTEM | CURRENTLY USED ONLY WITH THE CSP-2699 (PYTHON) EQUIPMENT. | | | | | | | | | | | | | | |
| CLASSIFICATION | EQUIPMENT: UNCLASSIFIED KEYING MATERIAL: SECRET-CRYPTO TRAFFIC: ALL CLASSIFICATIONS (RECEIVE ONLY) | | | | | | | | | | | | | | |
| PUBLICATIONS | MAINTENANCE: KAM-8 (UNCLAS) OPERATING: KAO-8 (CONFIDENTIAL-CRYPTO), KAO-9 (SECRET-CRYPTO) | | | | | | | | | | | | | | |
| PROCUREMENT (COST IN THOUSANDS) | UNIT COST | PAST | | FY 1963 | | FY 1964 | | FY 1965 | | FY 1966 | | FUTURE | | TOTAL | |
| | \$500 APPROX | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| PHYSICAL CHARACTERISTICS | HEIGHT | WIDTH | | DEPTH | | WEIGHT | | VOLTAGE | | POWER | | REMARKS | | | |
| | 5 1/2 IN. | 17 1/4 IN. | | 16 1/2 IN. | | 31 LBS. | | 110** (50-60 CPS) | | 550 WATTS* | | *- INCLUDES ASSOCIATED CRYPTO EQUIPMENT. **- ALSO OPERATES ON 100V DC | | | |
| DISTRIBUTION | BY AREA: EAST COAST..... 15 WEST COAST..... 4 PEARL HARBOR..... 5 GUAM..... 9 MEDITERRANEAN..... 3 TOTAL 40 NOTE: BECAUSE OF THE RADIATION HAZARD THE HW-18 IS AUTHORIZED FOR ON-LINE USE IN THE RECEIVE MODE ONLY. AS RAPIDLY AS FEASIBLE IT (AND ASSOCIATED CRYPTO EQUIPMENT) WILL BE REPLACED BY THE HW-10 AND HW-19A. | | | | | | | | | | | | | | |

FULL DUPLEX PYTHON TERMINAL

