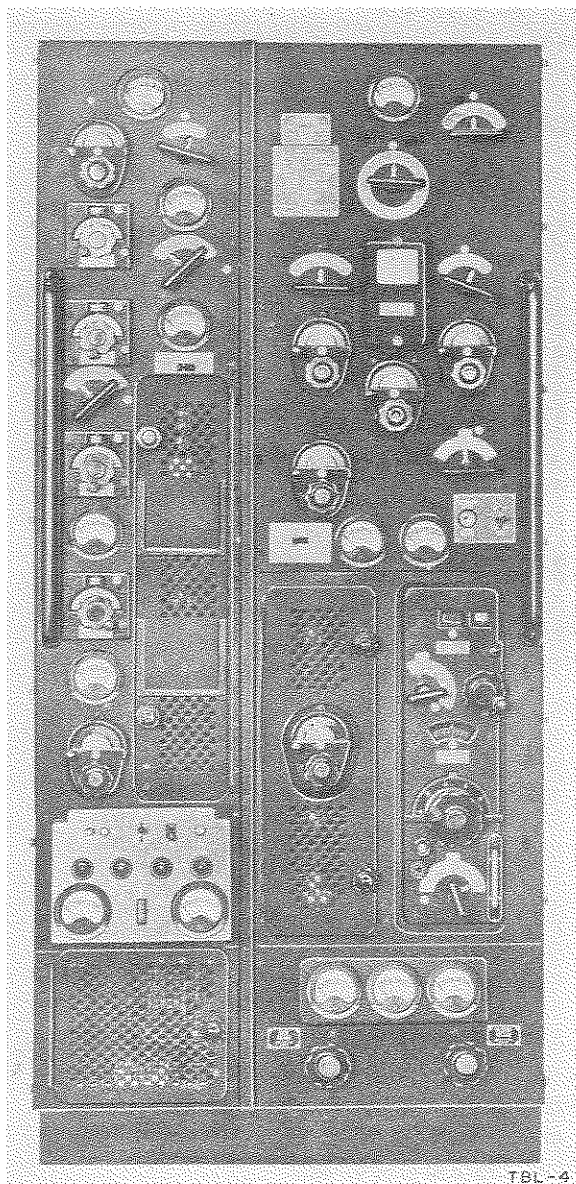


STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 9 May 52

**AN/SRT-TYPE**SERVICE TYPE NUMBER: TBL-4, -5, -6, -7, -8, -9, -12, -13  
RADIO TRANSMITTING EQUIPMENT

Radio Transmitting Equipments TBL-4, -5, -6, -7, -8, -9, -12 and -13 are general purpose, a-m (cw, mcw, voice), medium-power, m-f/h-f, radio-telegraph transmitters used aboard ship. This equipment may be operated locally or from a remote station by use of a standard four- or six-wire control system.

Keying speeds up to 100 wpm are possible, and when suitable speech input equipment is used, voice transmission is possible throughout the frequency range.

This transmitter incorporates two separate master oscillator controlled r-f circuits to cover the m-f and h-f bands. Only one band may be used at a time.

With the exception of the TBL-9, (which operates on 220-v ac only) any of the transmitting equipments may consist of various type transmitters, motor generators, and line equipment, dependent upon the power source available.

# AN/SRT-TYPE

INSTRUCTION LITERATURE: NavShips  
900,373; 900,381  
CLASSIFICATION OF EQUIPMENT: Unclassified  
USING SERVICE: Navy  
DATE OF THIS SHEET: 9 May 52

TBL-4, -5, -6, -7, -8, -9, -12, -13 :SERVICE TYPE NUMBER  
RADIO TRANSMITTING EQUIPMENT

## MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter	72 x 32-1/4 x 24-1/2	Not Available
1	Motor-Generator	20 x 61 x 13-1/4	" "
1	Magnetic Controller	18-3/4 x 11-11/16 x 9-13/16	" "
1	Filter Unit	18-1/4 x 16-1/4 x 10-1/8	" "

## OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25; AN/ARR-15; AN/FRC-10; AN/FRR-3, -4, -7, -12, -28; AN/GRC-9, -13, -26; AN/GRR-2, -3, -5; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRC-3; AN/SRR-3, -8, -11, -12, -13; AN/TRQ-1; AN/URR-10, -22, -23; AN/VRC-1, -4; AN/VRR-2; BC-312, -314, -342, -344, -348, -779, -794, -1004; MBS; MQ; OA-59/FRC, -59/FRC; R-62/PR, -80/PR, -96/SR, -129/U, -203/SR, -205/U, -206/PR, -208/FR, -209/FR, -210/U, -211/U, -212/SR, -213/SR, -215/SR, -247/URR, -274/FRR, -320/FRC, -388/URR; RAK; RAL; RAO; RAS; RBA; RBB; RBC; RBG; RBH; RBL; RBM; RBO; RBP; RBS; RCF; RCG; RCH; RDE; RDF; RDH; REA; SCR-177, -198, -193, -244, -274, -281, -399, -499, -506, -536, -543, -585, -593, -694, -704; TBO; TBX; TCH; TCP; TCS; AR-88 (RCA); ARC Type 12; Collins 18S-4 (AF Model); Collins 75A-2; Fisher TS 25-3; Hammarlund SP-600-JX; National HRO-50.

## TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.175 - 0.60 and 2.0 - 18.1.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice, mcw, cw.

POWER OUTPUT: A1: 200 w.  
A2: 100 w.  
A3: 50 w.

### POWER REQUIREMENTS:

- TBL-4: 3.4 kw, 220/440 v, 60 cyc, 3 phase, ac; or 3.5 kw, 115/230-250 v dc.
- TBL-5, -7, -12, -13: 3.2 kw, 440 v, 60 cyc, 3 phase, ac; or 3.4 kw, 115/230 v, dc.
- TBL-6: 3.2 kw, 220/440 v, 60 cyc, 3 phase ac; or 3.4 kw, 115/230 v, dc.
- TBL-8: 3.4 kw, 440 v, 60 cyc, 3 phase, ac; 3.5 kw, 115/230-250 v, dc.
- TBL-9: 3.4 kw, 220 v, 60 cyc, 3 phase, ac.

## PHYSICAL CHARACTERISTICS

Information on Radio Transmitting Equipment TBL-4, -5, -6, -7, -8, -9, -12, -13 not available.