

STATUS: Standard

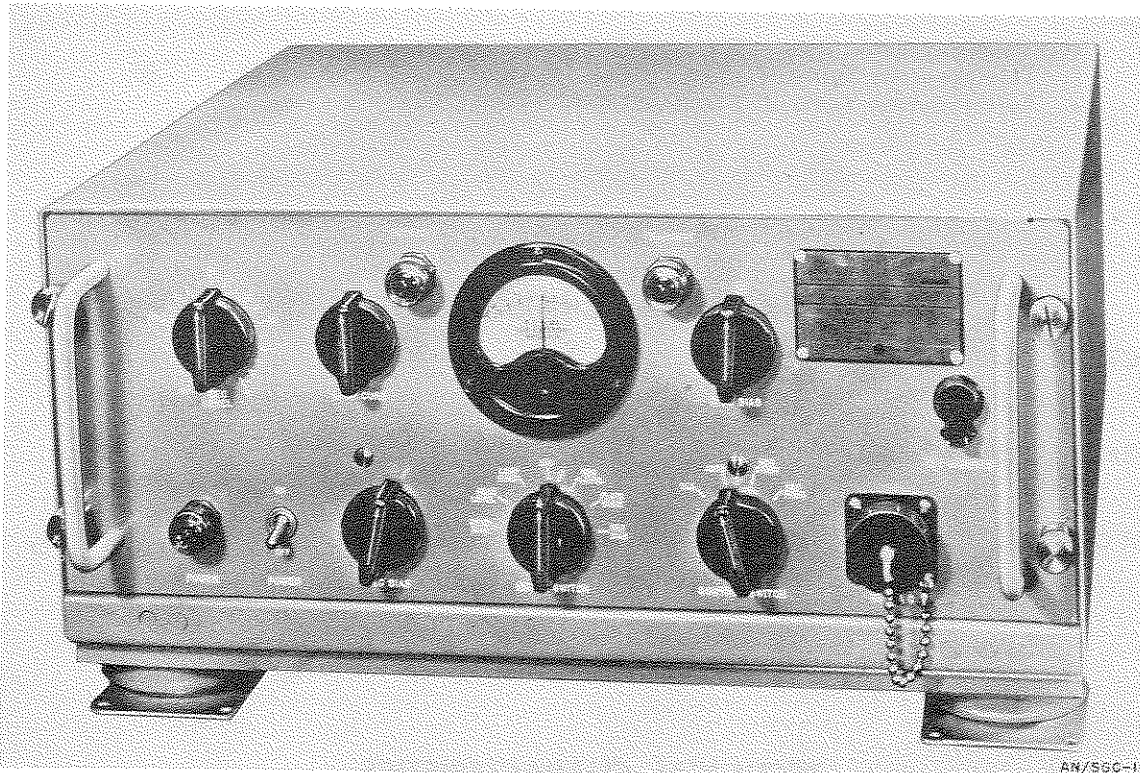
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 9 May 52

AN/SGC-1

RADIO TELETYPE TERMINAL SET



Radio Teletype Terminal Sets AN/SGC-1 and 1A are used for the transmission and reception of teletypewriter messages, over radio channels between stations similarly equipped.

At the voice-operated transmitter, these terminal sets convert the current pulses from the teletypewriter to audio tones which modulate the radio transmitter.

At the receiver, the transmitted signals are demodulated to facilitate operation of the associated teletypewriter station equipment.

AN/SGC-1

INSTRUCTION LITERATURE:
 NavShips 91503, 91152
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
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RADIO TELETYPE TERMINAL SET

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Teletypewriter Terminal TT-40/SGC-1	9-11/16 x 19-1/4 x 17-9/16	50
	or Teletypewriter Terminal TT-40A/SGC-1		

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

CAN COMMUNICATE WITH: This is signal modifying equipment used in conjunction with primary communication apparatus.

TECHNICAL CHARACTERISTICS

FREQUENCY: 0.5 kc and 0.7 kc.

TYPE OF SIGNAL: Cw.

POWER OUTPUT: +10 db.

POWER REQUIREMENTS: 86 w, 115v, 50/60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Teletype Terminal Set AN/SGC-1 (and 1A) measures 9-11/16 x 19-1/4 x 17-9/16 inches.