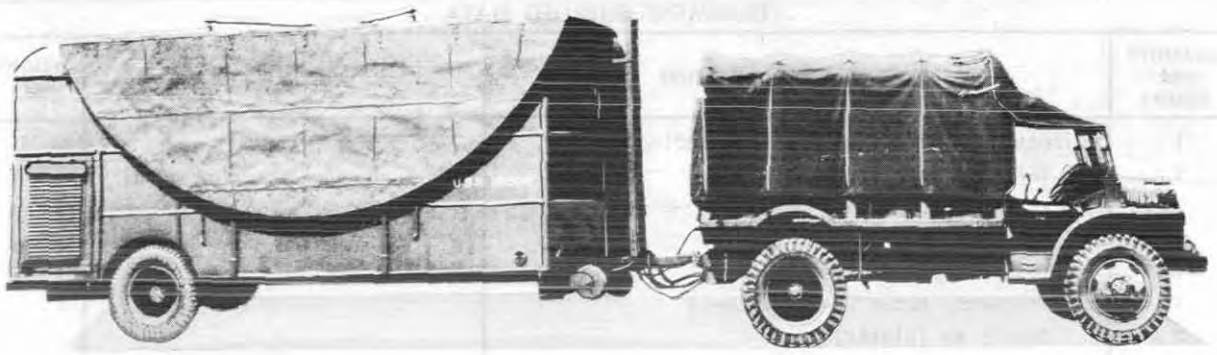
RADIO DIRECTION FINDER SET

DAW-1

Radio Direction Finder Set

DAW-1 RADIO DIRECTION FINDER SET



Mobile H.F. Direction Finder Model DAW-1

FUNCTIONAL DESCRIPTION

The DAW-1 is designed as a Mobile Radio High Frequency Direction Finder. It affords High Frequency coverage and frequency guard plus provisions for radio communications with other mobile units or a "control" station, and be capable of rapid removal to necessary for use.

No field changes in effect at time of preparation (15 April 1960).

RELATION TO OTHER EQUIPMENT

The DAW-1 is similar in operation to the DAW-2 except that it differs in equipment supplied and the tube compliment.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TYPE OF EMISSION RECEIVED: F0 and F3 types.
TYPE OF PRESENTATION: Cathode ray tube type.
NUMBER OF BANDS: 2 bands.
FREQUENCY RANGE: 1.5 to 22 mc.
OPERATING POWER RQMT: 110 v AC, 60 cps, single ph; 6 VD (internal batteries).

MANUFACTURER'S OR CONTRACTOR'S DATA

Radio Laboratory Navy Yard, Washington, D.C.
P.O. 692/43 and P.O. 412/44, dated 9 September 1944.

TUBE AND/OR CRYSTAL COMPLEMENT

(1) OC3W	(2) OD3W
(3) 1R5	(1) 1S4
(5) 1T4	(5) 12A6
(1) 12SA7Y	(3) 12SK7
(1) 12SQ7	(4) 1625
(1) 2X2A	(1) 3B7-1291
(1) 5NP1	(2) 5R4WGB
(2) 5U4GB	(1) 6AC7WA
(1) 6C5	(2) 6H6
(1) 6J5	(1) 6K6GT
(1) 6K8	(1) 6SA7Y
(2) 6SH7	(8) 6SK7WA
(1) 6SQ7	(1) 6V6Y
(3) 6X5WGT	(2) 65J7Y

Total Tubes: (58)

No Crystals used.

REFERENCE DATA AND LITERATURE

SHIPS 303: Technical Manual for Mobile Radio H.F. Direction Finding Equipment DAW-1 and DAW-2.

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

RADIO DIRECTION FINDER SET DAW-1

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Direction Finding Set DAW-1 Including:	83 X 119 X 244	9400
1	Target Transmitter DAQ HF/DF		
1	Portable HF/DF DAG		
1	Receiver RBG		
1	Transmitter-Receiver TCS-9		
1	Frequency Meter LM-12 or LM-18		
2	Onan 3 kw (plants)		
1	Tube Tester OZ-1		
1	Truck Ford Model OTB (1.5 ton)	4 X 4	
1	Trailer		