

AERIAL EXCHANGE OUTFIT EZ(4)

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SUMMARY OF DATA

PURPOSE

The (Receiver) Aerial Exchange Outfit EZ(4) provides from a minimum of aeriels, a selection of aerial facilities to all LT-MF-HF receivers. The outfit is for use in frigates and above where ICS2 and Modified ICS1 (ie DLG's fitted with C & M Desk 5820-99-520-0956) are fitted.

BRIEF DESCRIPTION

The ICS2 Receiver Aerial Exchange Outfit EZ(4) includes a Receiver Antenna Exchange which provides eight Aerial Lines (Nos. 1 to 8) each having two aerial input connections, a primary output line to receivers and a return input of that line for termination or through connection as a secondary line to receivers. Provision is made in the exchange for a total of 18 plug-in, tunable, Band Suppression Filters, a set number of which may be inserted into each of Aerial Lines 1 to 5 and relay controlled by the keying of a pre-selected transmitter(s). The transmitted signal is rejected by the tuned Band Suppression Filters, to prevent over-loading, by the local transmitter, of the input to any receivers connected to the Aerial Line. Facilities are provided for tuning the Band Suppression Filters and for individual monitoring of audio outputs of up to 30 operational receivers. The inclusion of an aerial selector switch at HF receivers enables each receiver to be connected to any one of up to four (normally only three connected) Aerial Lines. Any aerial may be connected to any aerial input on the Exchange; where only a small number of aeriels can be accommodated, additional aerial inputs may be provided by the fitting of High Pass-Low Pass filters between the aeriels and the Exchange.

Aerial Line No. 8 is normally used for aerial facilities to Receiver Outfits CJD/CAY-FAZ/FTA.

MAJOR UNITS

NSN or other Reference No.	Description	Qty.	Dimensions			
			Height	Width	Depth	Weight
	<u>Aerial Outfits</u>					
	Whip and Wire Outfits	As Req'd.				
	<u>Outfit EZ(4)</u>					
5895-99-924-5841	Antenna Exchange Receiver	1	4 ft 5 in	1 ft 5 in	2 ft 4 in	230 lb
5915-99-580-6578	Filter Band Suppression Tunable 2-5 MHz	10	6 in	6 in	1 ft 2 1/2 in	6 lb
5915-99-580-6579	Filter Band Suppression Tunable	6	6 in	6 in	1 ft 2 1/2 in	6 lb
5915-99-580-6580	Filter Band Suppression Tunable 10-16.5 MHz	2	6 in	6 in	1 ft 2 1/2 in	6 lb
Part of 924-5841	4-Switch Unit	3	2 1/2 in	11 1/2 in	2 in	5 lb
Part of 924-5841	3-Switch Unit	2	2 1/2 in	11 1/2 in	2 in	5 lb
Part of 924-5841	Filter Tuning Unit	1	5 7/8 in	7 in	11 1/2 in	7 lb
AP 164817	Power Supply	1	6 in	6 in	6 in	9 lb
5915-99-924-1363	Filter, Low Pass	As Req'd.	5 1/2 in	7 in	1 ft 4 in	9 1/2 lb
5915-99-924-1364	Filter, High Pass-Low Pass	As Req'd.	5 1/2 in	7 in	1 ft 4 in	9 1/2 lb
5915-99-519-8188	Filter, Low Pass	As Req'd.	2 7/8 in	2 1/2 in	1 ft 2 in	8 lb
5895-99-519-9352	Switch Unit	As Req'd.	3 7/8 in	3 7/8 in	2 1/2 in	

HANDBOOK

BR 4103.

ESTABLISHMENT LIST

E 1305

INSTALLATION SPECIFICATION

B 1099.