

AERIAL OUTFITS AMK(1) AND AMK(2)

AMK(1)(2)

SUMMARY OF DATA

PURPOSE

The AMK(1) and (2) aerial outfits are dual purpose, and are associated with Type 696 UHF transceivers and Type 955M IFF Mark 10 transponders fitted in submarines.

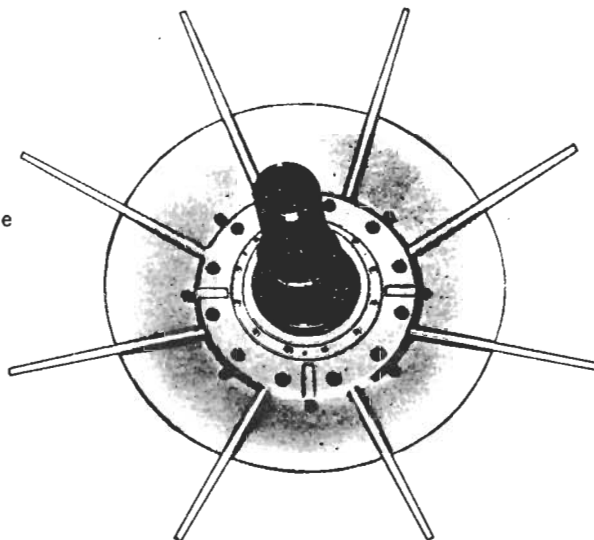
FREQUENCY RANGE

UHF 225-400 MHz
IFF 1010-1110 MHz

BRIEF DESCRIPTION

Aerial Outfit AMK(1) comprises a UHF transmitting and receiving antenna, and an IFF Mark 10 transponder antenna in one sealed assembly which is designed to fit on top of an AYG antenna in submarines. Included in the outfit are two filter units and plug and socket connectors for the feeder system. Aerial Outfit AMK(2) is similar to AMK(1) except that it is not designed to be fitted on top of an AYG antenna, but has an interconnecting box suitable for mounting on a telescopic mast for use on SSBN series of submarines:

In certain installations where streamlining is required, a fibreglass radome is fitted.



MAJOR UNITS

<u>AP No.</u>	<u>DESCRIPTION</u>
5985-186380	Antenna Omni-Directional
5985-186783	Radome
5915-201141	Filter High Pass
5915-201142	Filter Low Pass

PHYSICAL DATA

	Height	Diameter	Weight
Antenna	30.5cm (12in)	63.5cm (25in)	11.8kg (26lb)
Radome	30.5cm (12in)	68.6cm (27in)	14kg (31lb)
Filter High Pass	55.9cm (22in)	2.54cm (1in)	-
Filter Low Pass	61cm (24in)	2.54cm (1in)	-

HANDBOOK

BR 2469

ESTABLISHMENT LIST

E 1258

INSTALLATION SPECIFICATION

B 869