

~~TOP SECRET~~

3 October 1949

MEMORANDUM FOR              

1. We request you transmit       the following information concerning equipment for the broadcast boat:

	Weight (pounds)	Floor Space (inches)	Height (inches)	Remarks
Transmitter	1400	40 x 30	78	
Tuning Circuit	40	30 x 30	20	wall-mounted
Control Rack	450	21 x 14	78	
Diesel Generator	1100	50 x 30	40	230 volts - 3 phase, 60 cycle, 7.5 KW

2. We estimate spray-proof housing for above radio equipment must be at least seven feet long, six feet wide and seven feet high. The generator can be deck-mounted if spray-proof housing can be built around it.

3. Antenna for this equipment is kytoon - supported vertical bronze wire about 170 feet long. The kytoon is gas filled combination kite and balloon, 7 feet long and 3 feet in diameter.

4. It is noted that your memorandum quotes Lindsay as believing "our 100 watt equipment can be installed easily". Our radio engineers state the range characteristics of a 100 watt transmitter are so low as to be unsuitable for the purposes intended and we are proceeding in the belief that reference to 100 watts was meant to read 1000 watts.

      cw

cc: NSO file     
BGFIEND file

DECLASSIFIED AND RELEASED BY  
CENTRAL INTELLIGENCE AGENCY  
SOURCE METHOD EXEMPTION 3B2B  
NAZI WAR CRIMES DISCLOSURE ACT  
DATE 2007

CLASSIFICATION CANCELLED OR CHANGED TO  
Secret  
BY AUTHORITY OF 100-1-58-46  
ACCOMPLISHED BY C JH/TS

19 APR 1954

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