

HM
ZCZCLRA533

Declassified by ASD - 02/08/2022
Information removed for national
security and/or personal sensitivities

DSD	FILE	CLIP
30	2	2 67

RR [redacted]

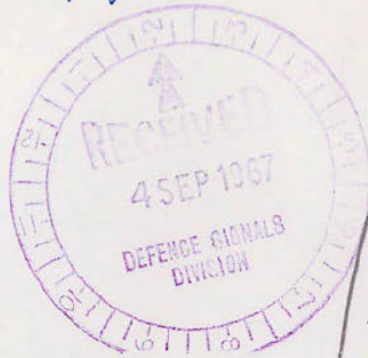
DE [redacted] 928 2420530

R 300520Z ✓

FM [redacted]

TO DSD

ZEM



lepton 31/9/97

F.69.

Spoke to [redacted] on this one, [redacted] 4/9

~~SECRET COMINT CHANNELS~~

300 FOOT WIRE AERIAL TESTS. FURTHER TO MY 170035Z.

AGG?

AT BASE OF MAST, SIGNAL STRENGTH IS IMPROVED BUT RECEPTION WAS
HAMPERED BY LOCAL RADIO AND INDUSTRIAL EMISSIONS BREAKING
THROUGH.

INSIDE TIN SHED, SIGNAL STRENGTH WAS JUST AS GOOD WITH A LOT LESS
INTERFERENCE.

THIS AERIAL INCIDENTALLY, IS NOT TERMINATED.

2. INTEND EXPERIMENTING WITH A 600 FOOT, TERMINATED, WIRE AERIAL
FED THROUGH 600 OHM TRANSFORMER WITH A 75 OHM MATCHING TRANSFORMER
INSIDE THE BUILDING. HOPE TO OBTAIN SUFFICIENT SIGNAL STRENGTH
TO ENABLE SPLITTING. APPRECIATE THAT SIGNAL/NOISE RATIO WILL BE A
GOVERNING FACTOR