

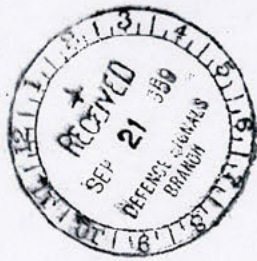
AD(D) 2378

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[Redacted]
T - SUKLO (W) AUSLO (W)
~~TOP SECRET DAVNT~~
P 180122Z/09
FM DSB
TO SUKLO (W) FOR AUSLO(W)
INFO GCHQ
BT
INFUSE



AM SENDING YOU FOLLOWING OUTLINE OF INFUSE PLANS SO THAT YOU WILL BE AWARE OF OUR MACHINE CAPABILITIES IN IMMEDIATE FUTURE.

2. SCALP, THE PROGRAM USED FOR [Redacted] STATISTICAL WORK, WAS PLUGGED UP IN MAY AND IS NOW BEING TAKEN DOWN TO ENABLE INFUSE TO BE SERVICED AND REPROGRAMMED.

3. INFUSE WILL THEREFORE BE OUT OF ACTION FOR NEXT SIX TO EIGHT WEEKS. DURING THIS TIME IT SHOULD BE POSSIBLE TO DO A LITTLE STATISTICAL WORK USING PUNCHED CARD MACHINES BUT WE SHALL CERTAINLY NOT BE ABLE EITHER TO SET MESSAGES OR TO DRAG ON DEPTHS WHERE THE TRANSPO IS NOT KNOWN. MOST EFFECTIVE WAY NSA COULD HELP US DURING THIS PERIOD WOULD THEREFORE BE :

- A) TO SET CURRENT [Redacted]
- B) TO BREAK INTO [Redacted] DEPTHS USING ZIPPO

4. NSA IS OF COURSE CURRENTLY DOING BOTH THESE JOBS AND WE ARE MOST GRATEFUL FOR RESULTS WHICH ARE OF GREAT VALUE TO US.

5. IN VIEW OF FAIRLY SHORT TIME LEFT FOR 'JOHN DUFFILL'S ATTACHMENT TO DSB AND OF OUR NEED TO LEARN MORE OF CAPABILITIES OF INFUSE FOR STATISTICAL ANALYSIS WE PLAN AT PRESENT TO PLUG REVISED VERSION OF SCALP WHEN MACHINE IS READY. WE SHALL HOWEVER TAKE OPERATIONAL SITUATION INTO ACCOUNT WHEN TIME COMES AND SHALL KEEP YOU INFORMED.

6. AS YOU KNOW, INFUSE IS TO BE FITTED WITH PLUGBOARDS WHICH SHOULD NOT ONLY GREATLY SIMPLIFY BOTH MAINTENANCE AND PROGRAM CHANGING(AND SO AVOID LONG PERIODS OF OUTAGE SUCH AS PRESENT ONE) , BUT ALSO GIVE US MUCH MORE FLEXIBILITY IN USE OF MACHINE. WORK IS EXPECTED TO START VERY SOON AND WILL BE ARRANGED SO THAT ONLY ONE QUARTER OF MACHINE IS OUT OF ACTION AT ANY ONE TIME.

BT

CFN :- P 180122Z/09 ~~TOP SECRET DAUNT~~

2400 2400

18/0930Z SEP

NNNN

DIST :-	AD(C)	X
	AD(D)	X
	DX	X
	SUSLO	X

20/129



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information removed.

878 (D) 5318

four

Handwritten notes and stamps, including a box with '100' and '1/2'.