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TO UKC 200

INFO GCO(S)

GCHQ

210 SIG SQN(OVERSEAS)

ZEM

~~SECRET KIMBO~~

WE KNOW LITTLE OF METHODS OF VOICE USAGE BY INFILTRATING INDONESIAN ELEMENTS BECAUSE WE HAVE NOT YET BEEN ABLE TO IDENTIFY A SINGLE TRANSMISSION AS HAVING DEFINITELY EMANATED FROM INSURGENT FORCES AT TIMES WHEN ACROSS BORDER IN SARAWAK. ALL OUR VOICE INTERCEPTS FROM SEEM TO EMANATE FROM FORCES LOCATED ON INDONESIAN SIDE OF BORDER I.E. FROM FORCES IN SAFE AREAS WHERE ADEQUATE POWER SUPPLIES AVAILABLE AND FIXED WIRE/DIPOLE AERIALS USED.

2. NEVERTHELESS WE CAN DEDUCE SOME INTERESTING "FACTS" FROM COLLATERAL AND TELEGRAPHIC TRAFFIC. FIRSTLY THE HF-156 () CAPTURED AT LUNDU ON 6 MARCH 1964 PROVES THAT RADIO COMMUNICATIONS ARE USED BY INFILTRATORS, THAT VOICE IS USED, THAT FREQUENCIES USED ARE SAME AS THOSE USED BY PLATOONS IN KALIMANTAN (I.E. SPECIAL FREQUENCIES ARE NOT ALLOTTED FOR INFILTRATIONS), AND THAT INFILTRATORS CARRY QUARTER-WAVE WIRE AND DIPOLE AERIALS TO ALLOW "LONG DISTANCE" COMMUNICATIONS. WE KNOW FROM TESTS CARRIED OUT

→ D.A. B.

DD to
Sp. Inf.
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BY UKC201/201 SIG SQN ON A CAPTURED HF-156 SET THAT RADIO WITH ONLY WHIP AERIAL WILL ALLOW COMMUNICATION TO MAXIMUM OF ABOUT 5 MILES (THIS OF COURSE CONSISTENT WITH MAKERS SPECIFICATIONS).

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3. SECONDLY WE CAN DEDUCE FROM TELEGRAPHIC MESSAGES (

) THAT INFILTRATED

PLATOONS POSSIBLY COMMUNICATED WITH COMPANY HQ SOON AFTER 0830 IN MORNING AND CERTAINLY AT ABOUT 1700/1730 IN EVENING - ON RECEIPT OF MESSAGE FROM PLATOON, COMPANY HQ SENDS IT ON BY TELEGRAPHIC MEDIUM (NOTE USE OF TERM "SERVICE NOTE") WITHIN ABOUT AN HOUR. FURTHERMORE CAN DEDUCE, ^{IN VIEW DISTANCE} ~~8, -832 MILES~~ OF PLATOONS FROM COMPANY HQ, THAT A WIRE OR DIPOLE AERIAL MUST HAVE BEEN USED BY INFILTRATED PLATOON TO MAKE CONTACT AND THAT PRE-ARRANGED FIXED SCHEDULES WERE WORKED.

(NOTE THAT

ATTACHMENT TO GCO/0640-3810 SAYS

HAD SAID THAT 1700

AND 2000 HOURS WERE TIMES FOR COMMUNICATION). FURTHERMORE CAN DEDUCE,

~~IN VIEW DISTANCE OF PLATOONS FROM COMPANY HQ, THAT A WIRE OR DIPOLE AERIAL MUST HAVE BEEN USED BY INFILTRATED PLATOON TO MAKE CONTACT, AND THAT PRE-ARRANGED FIXED SCHEDULES WERE WORKED.~~

4. ABOVE OF COURSE DOES NOT RULE OUT POSSIBILITY THAT INTRA-PLATOON WORKING IS CONDUCTED USING WHIP AERIALS (HAS NO CHANCE OF HEARING SUCH ACTIVITY) ESPECIALLY AS CAPTURED HF-156S HAD WHIPS IN KIT; ADDITIONALLY THERE IS NO CERTAINTY THAT VOICE COMMUNICATION FROM INFILTRATED PLATOON TO COMPANY HQ WOULD ONLY BE TWICE DAILY (POSSIBLY ONCE IN MORNING AND CERTAINLY ONCE IN LATE AFTERNOON) - HOWEVER BETTING IS THAT PLATOONS INFILTRATED INTO SARAWAK WOULD IN FACT STRICTLY LIMIT THEIR RADIO CONTACTS. IT IS LOGICAL THAT INFILTRATORS AT END OF DAY - AND HAVING FOUND A SAFE RESTING PLACE FOR NIGHT - WOULD REPORT ON DAYS ACTIVITY AND GIVE ITS LOCATION TO HOME BASE.

5. PLEASE ASK TO PAY PARTICULAR ATTENTION ON VOICE COVER TO PERIODS 0900-1330Z AND 2330-0330Z. IN VIEW INDONESIAN ALLOCATION OF SPECIFIC CHANNELS/FREQUENCIES TO SPECIFIC COMPANIES (AT LEAST IN CASE OF 328 BN - YOUR 180400/6 NOTAL REFERS - BUT

305/438 BNS MAY DO SAME) PLEASE GIVE TIP-OFF TO WHENEVER
TELEGRAPHIC MATERIAL INDICATES PLATOON HAS INFILTRATED, STATING
CHANNEL WHICH MOST LIKELY TO BE USED (BUT WE RECOGNISE THAT
INDONESIANS WILL NOT ALWAYS NEATLY USE ONE CHANNEL PER COMPANY).

6. POSTSCRIPT. NOTE INCIDENTALLY THAT BOTH HF -156'S CAPTURED
BY S.F. ON 6 MARCH 1964 INCLUDED HAND GENERATOR HG10 IN KITS

3060

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