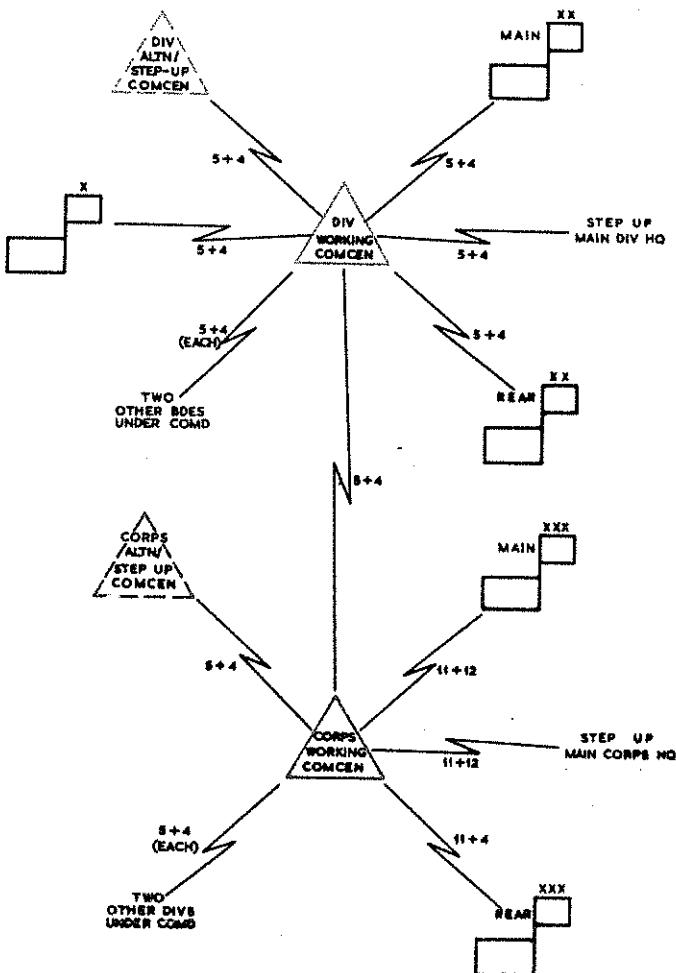


PART V  
COMM'S DIAGRAMS

STAFF COLLEGE  
SO's HANDBOOK 1967  
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PART V - COMMS DIAGRAMS

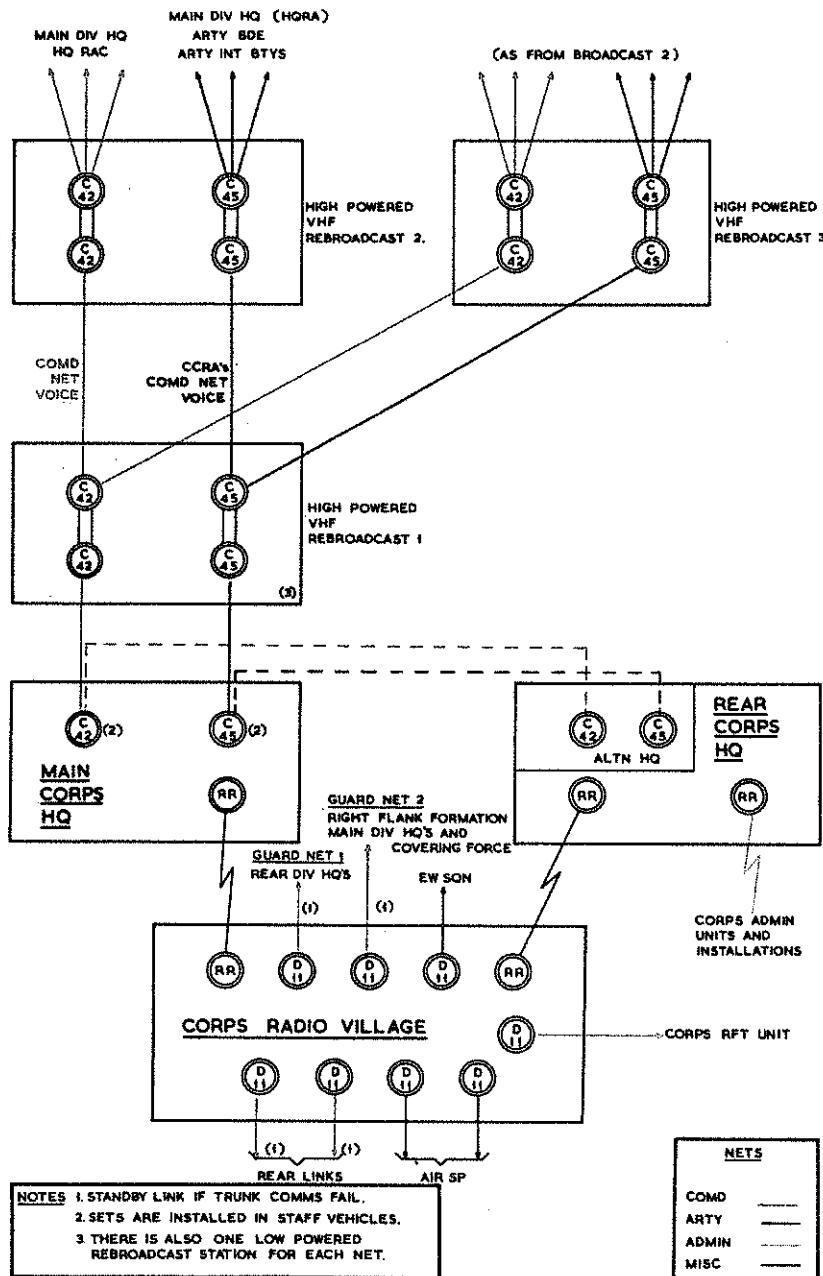
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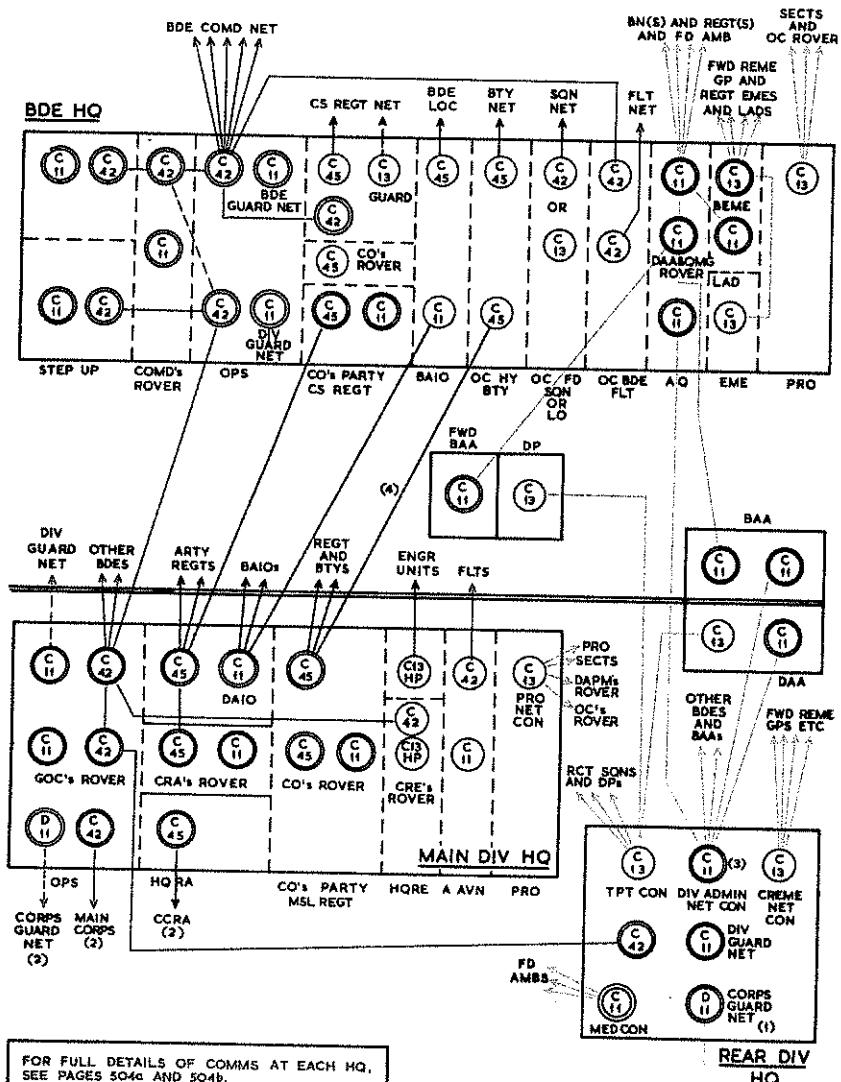
## CORPS TRUNK COMMS SYSTEM



- NOTES**
1. THE SYSTEM MAKES USE OF RADIO RELAY EQPT (CSO/R236 AND C70) BETWEEN COMCENS.
  2. THE FIGURES SHOWN BESIDE EACH RADIO RELAY LINK DENOTE THE NUMBER OF SIMULTANEOUS SPEECH AND TG CHANNELS CARRIED OVER THE LINK.
  3. THE FACILITIES PROVIDED INCLUDE:
    - LOCAL AUTOMATIC TELEPHONES IN EACH HQ.
    - AUTOMATIC TRUNK TELEPHONE SYSTEM (eg A SUBSCRIBER AT CORPS HQ CAN DIAL ANY SUBSCRIBER AT DIV HQ OR BDE HQ).
    - SEMI-AUTOMATIC TAPE RELAY (TELEPRINTER) SYSTEMS AT 100 WORDS PER MIN.
    - AIR RED TELEPRINTER NETWORK.
    - NUCLEAR INFO TELEPRINTER NETWORK BETWEEN CORPS AND DIV HQ ONLY.
  4. STEP UP FACILITIES PERMIT MAIN CORPS HQ AND MAIN DIV HQ TO MOVE WITHOUT LEAVING THE TRUNK SYSTEM AND REVERTING TO RADIO BDE HQ WHO HAS NO STEP UP TRUNK COMMS.
  5. IN NORMAL EUROPEAN COUNTRY, HQ CAN DEPLOY UP TO 30-35 KMS FROM THEIR ASSOCIATED COMCEN.

# CORPS HQ (RADIO AND LOCAL RADIO RELAY)

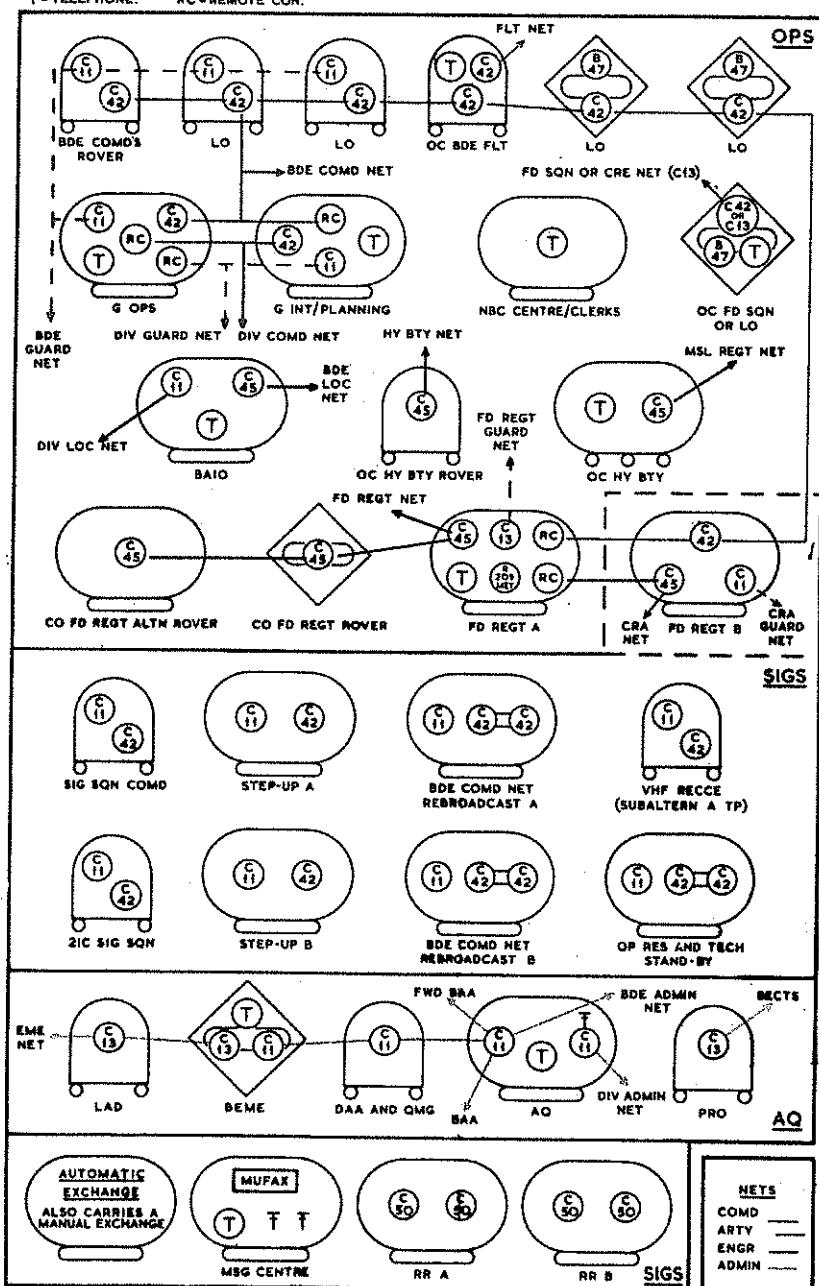


DIV HQ AND BDE HQ RADIO

KEY COMMS VEHHS AT BDE HQ

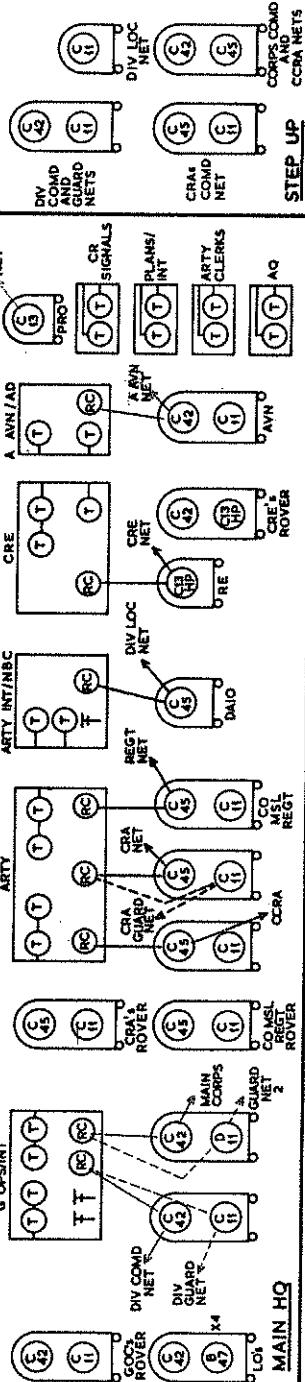
T = TELEPHONE.

RC = REMOTE CON.



KEY COMMS VEHIS AT DIV HQ

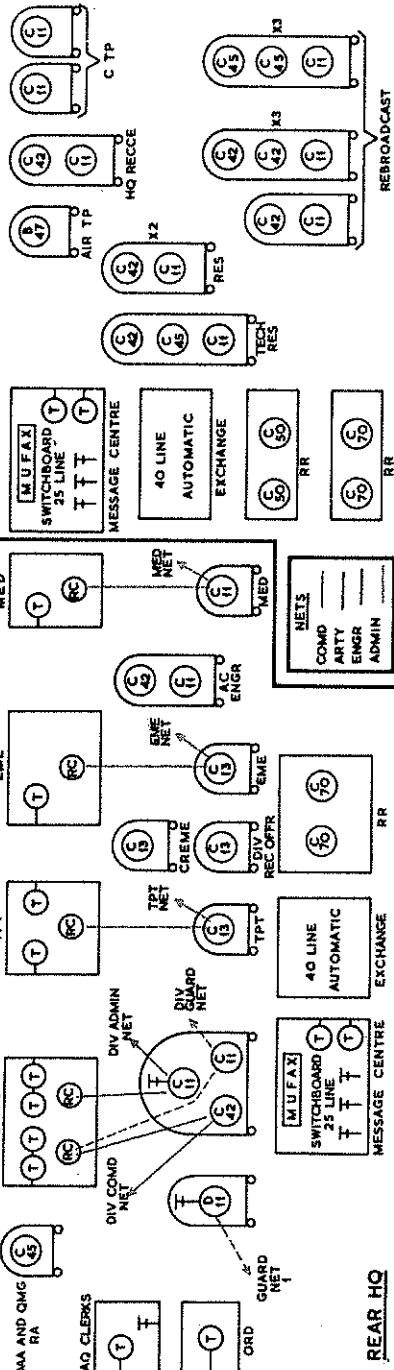
BOOKS REPRESENT OFFICE CONTAINER BODIES



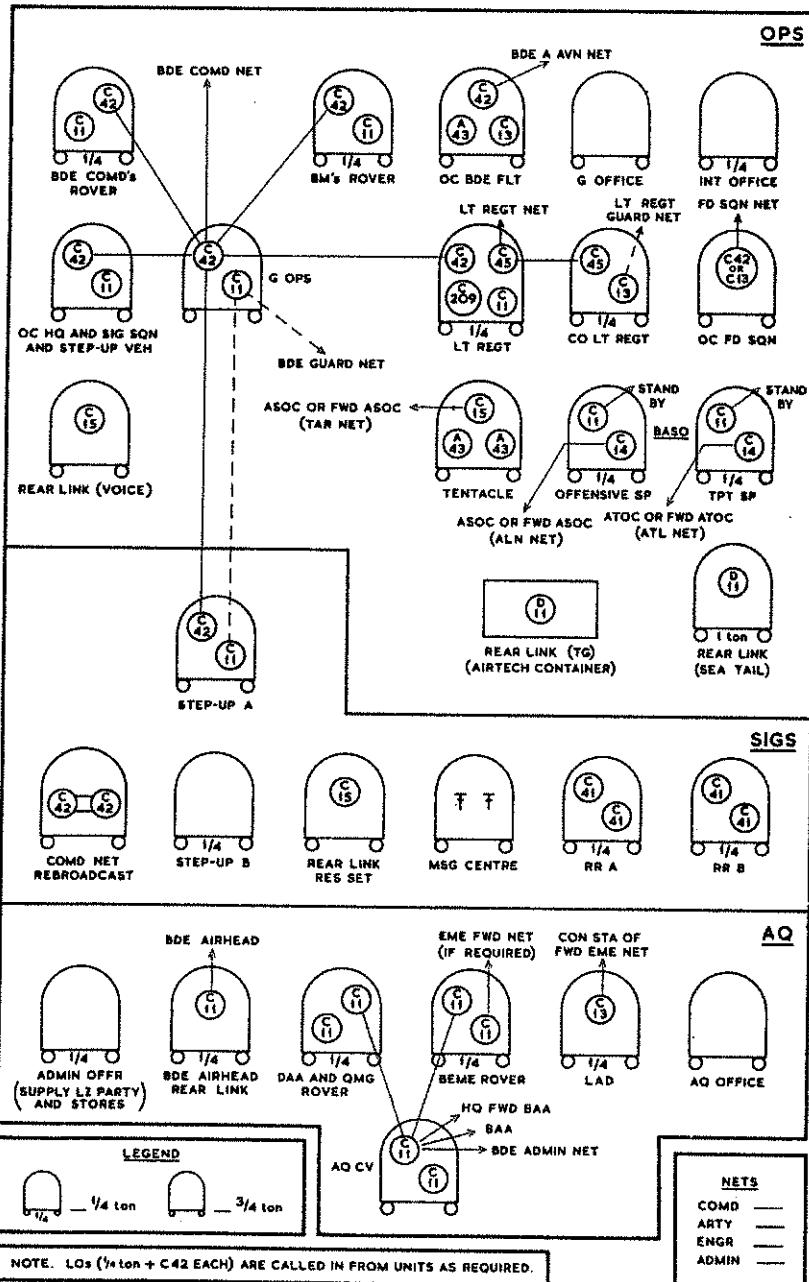
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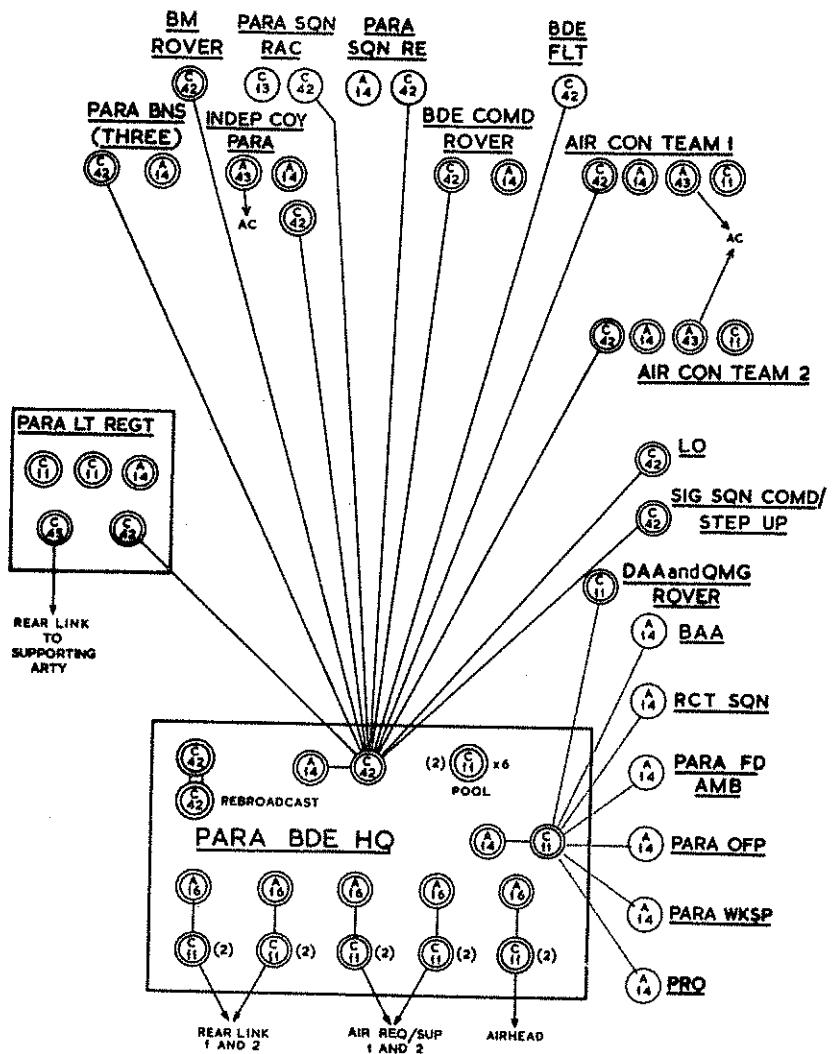
REAR HQ

MESSAGE CENTRE EXCHANGE

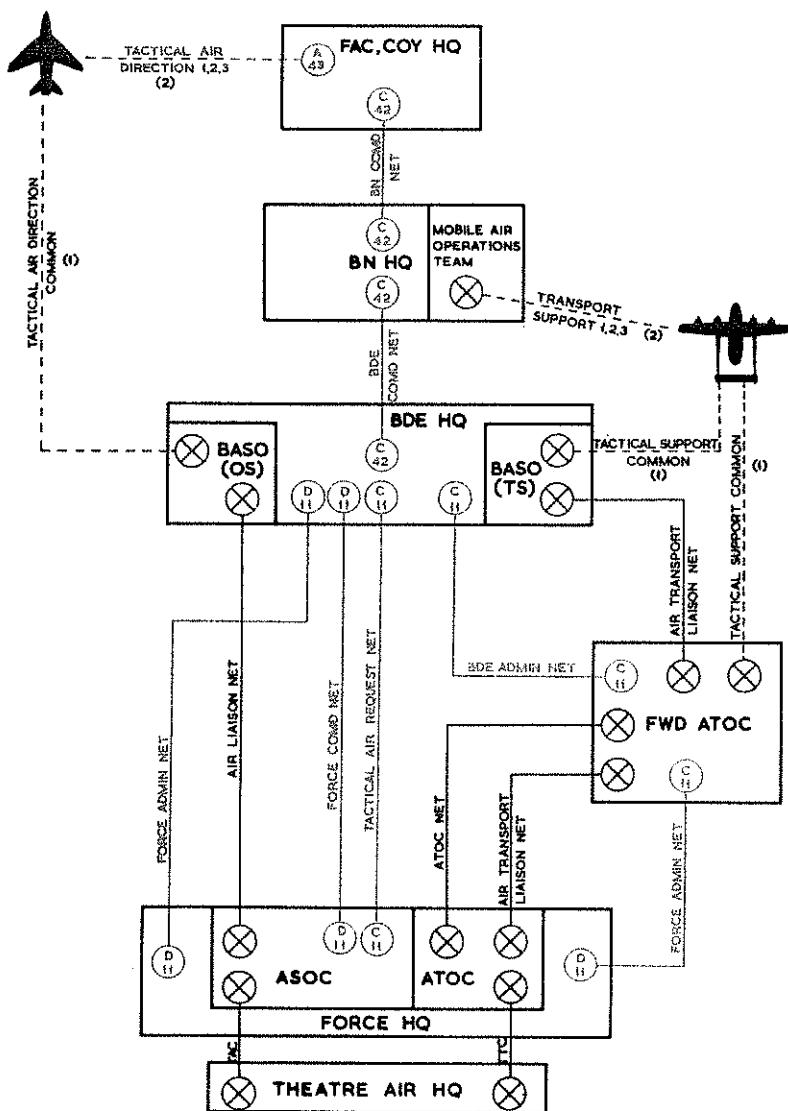


## KEY COMMS VEHS AT AIRPTBL BDE HQ



PARA BDE

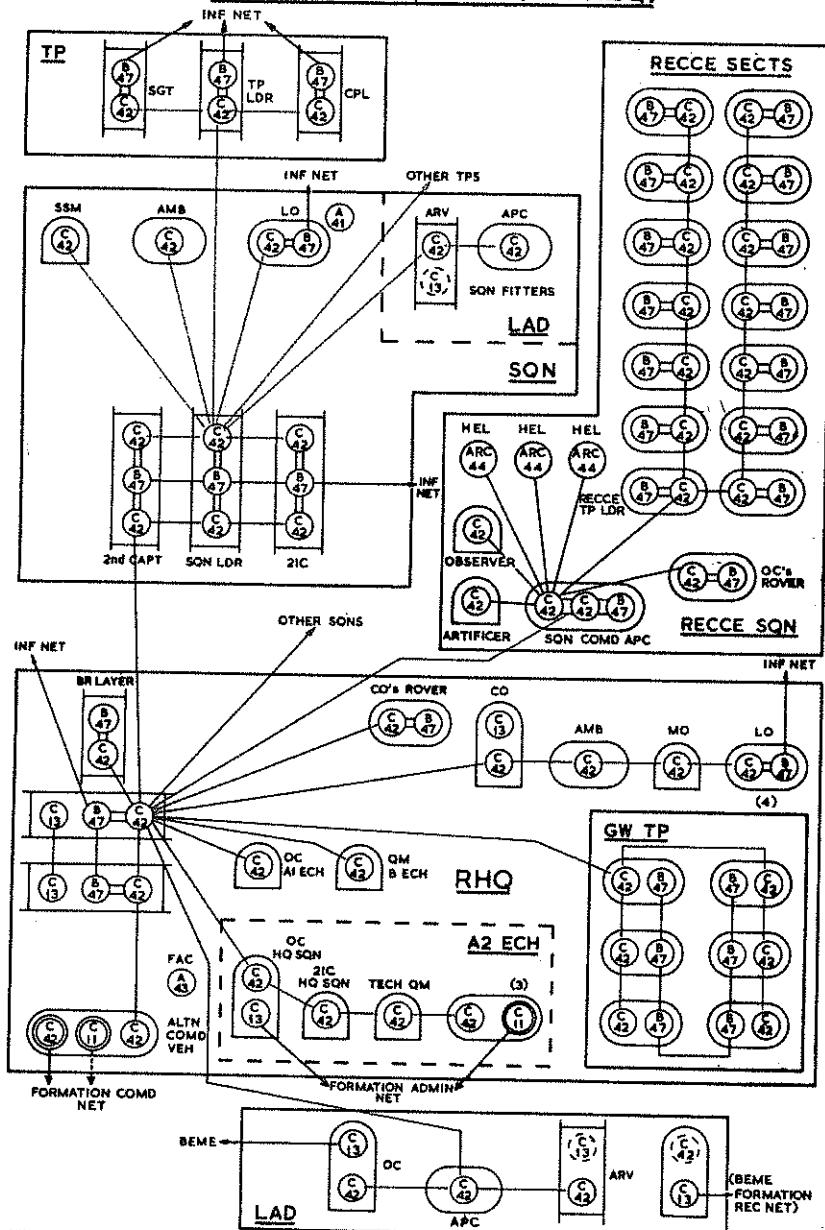
## AIR SP COMMS IN OVERSEAS THEATRES



**NOTES**

1. THIS NET WORKS ON A COMMON FREQUENCY TO ALL AIRCRAFT CONCERNED.
2. THIS IS A DIRECT LINK TO A SPECIFIC AIRCRAFT ON A SPECIFIC FREQUENCY.
3. THIS IS ONLY A VERY BASIC DIAGRAM AND DOES NOT SHOW FOR EXAMPLE, LINKS TO AN AIRCRAFT CARRIER AND COMMAND SHIP.

|      |                     |
|------|---------------------|
| NETS | ARMY SETS           |
|      | RAF SETS            |
|      | AIR TO GROUND COMMS |
|      | —                   |

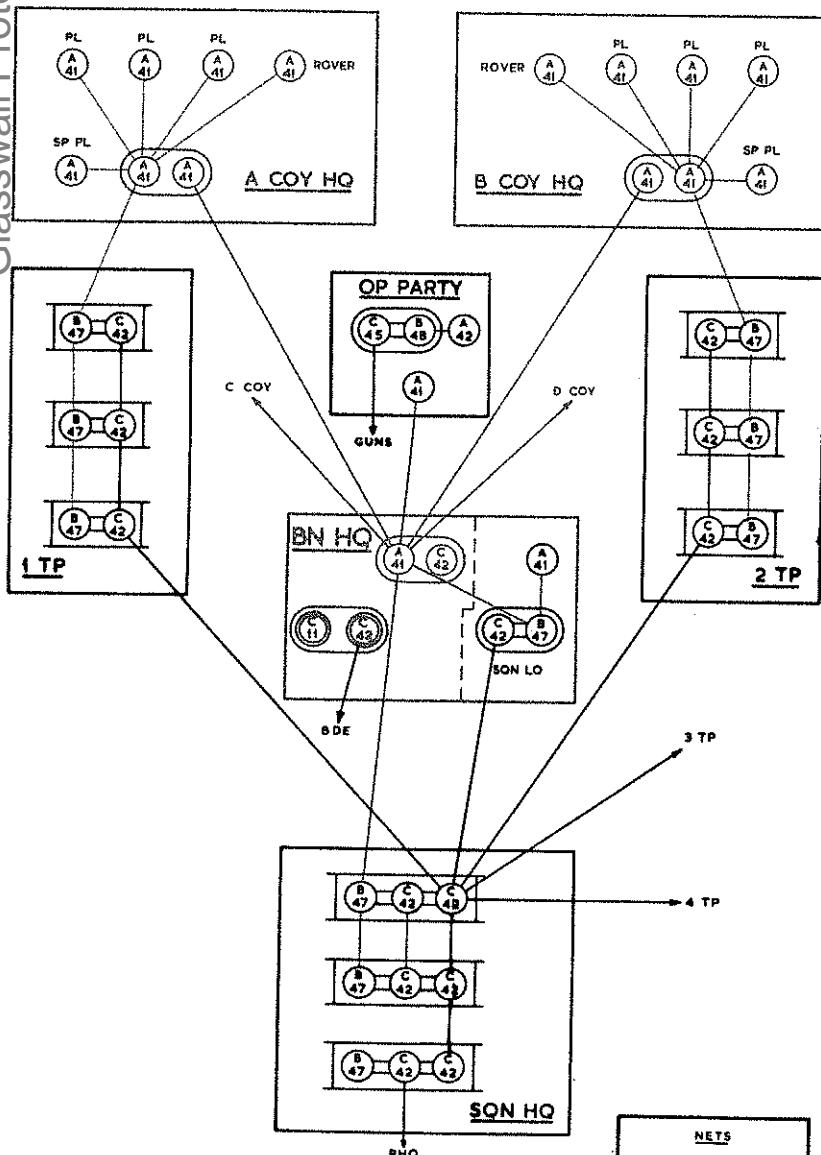
ARMD REGT (ON SQN FREQ)

**NOTES:**

1. THE REGT CAN WORK EquALLY WELL ON A REGT NET AND FREQUENTLY DOES.
2. THE RECCE TP WILL OFTEN BE ON THE REGT NET.
3. R SIGNALS TP VEH.
4. THIS SCOUT CAR IN PRACTICE IS FOUND FROM ONE OF THE FOURTEEN SCOUT CARS IN THE RECCE TP.

**NETS**

**SON COMD**  
**REGT COMD**

ARMD SQN IN SP OF DISMTD INF BN

## NOTES:

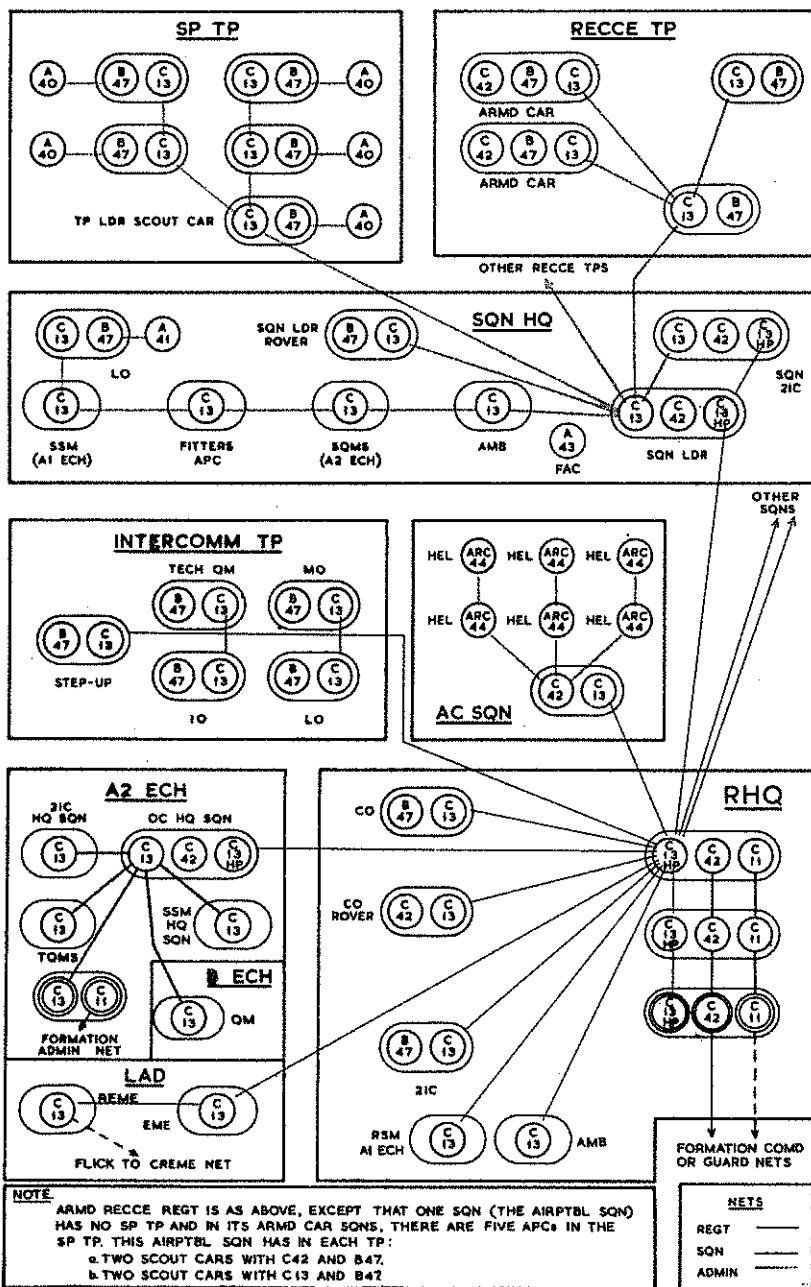
1. B47 COVERS FREQ RANGE COMMON TO BOTH A40 AND A41 SETS.
2. NOTE THAT THE ONLY DIR COMM BETWEEN 105MM PACK FOO AND TKS IS ON THE INF NET. SP FOO HAS A C42 SET AND CAN BE ON THE TK NET.

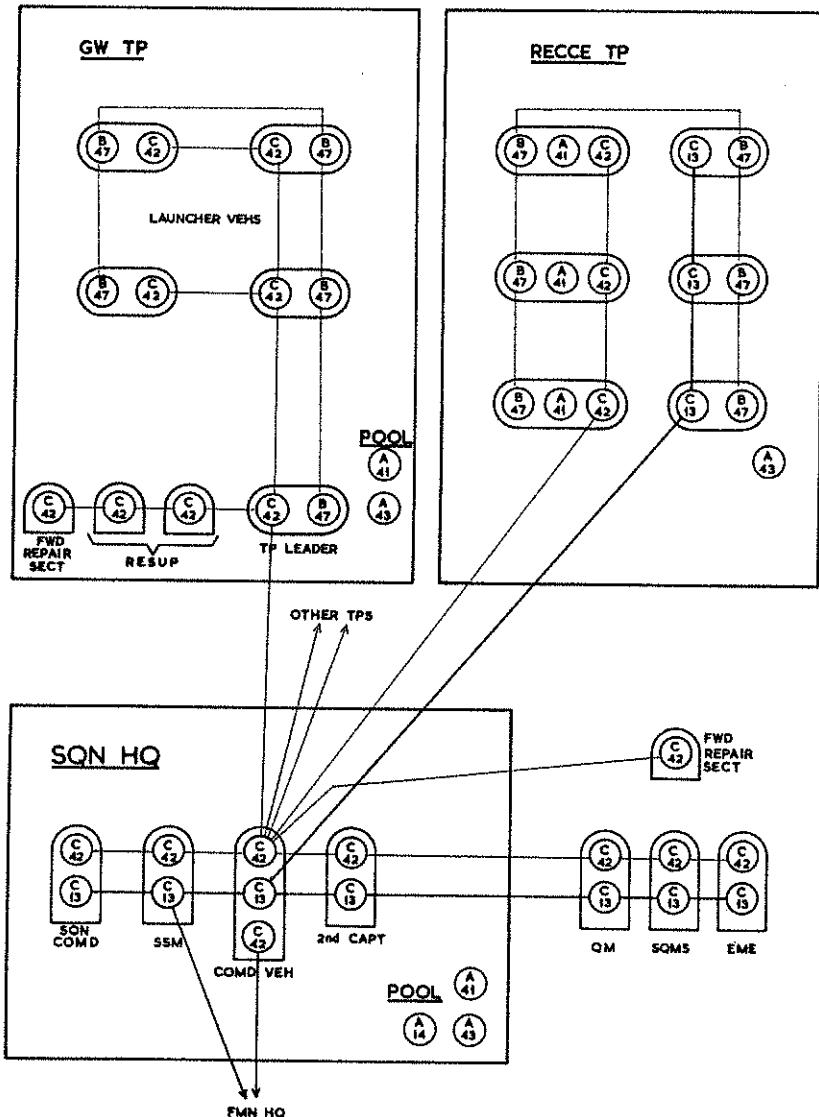
|      |   |
|------|---|
| NETS |   |
| BN   | — |
| COYS | — |
| SQN  | — |

ALL INF UNIT AND SUB UNIT VEH'S AND RADIOS ARE SHEWN IN RED.

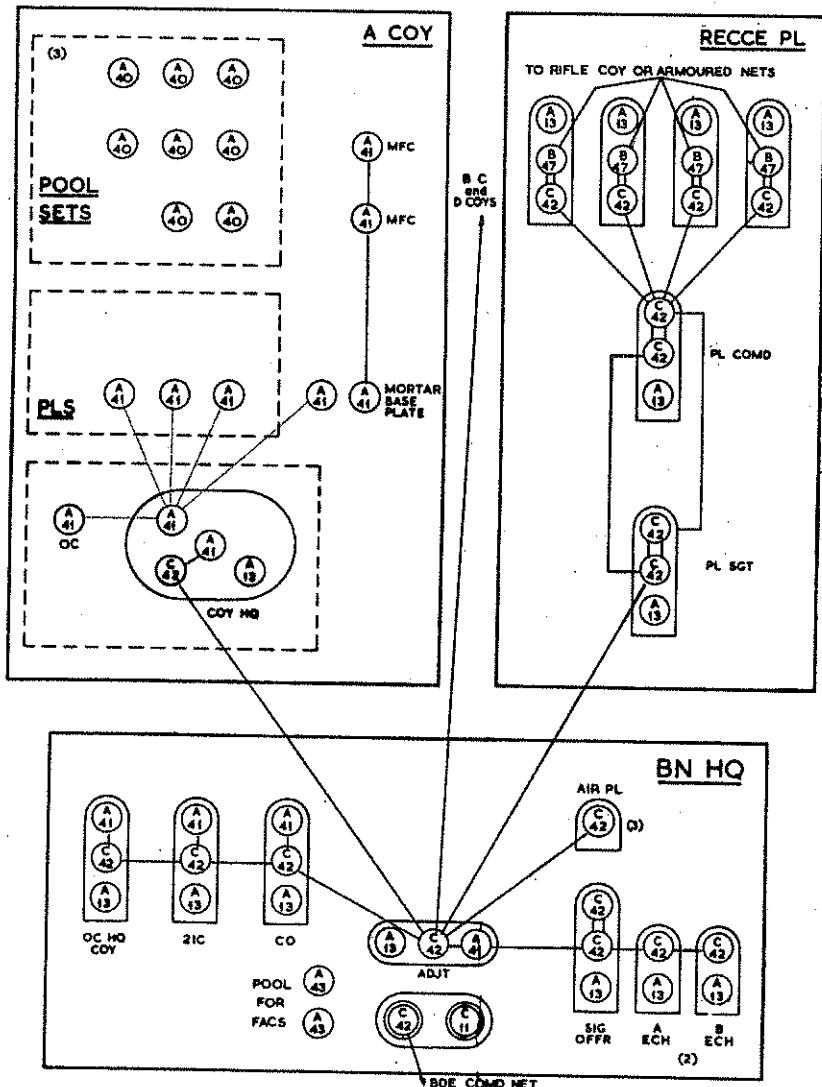
ARMD CAR REGT (ON SQN NETS)

(AND ARMD RECCE REGT - see footnote)



PARA SQN RAC

| NETS     |
|----------|
| TP COMD  |
| SON COMD |
| FMN COMD |
| OR GUARD |

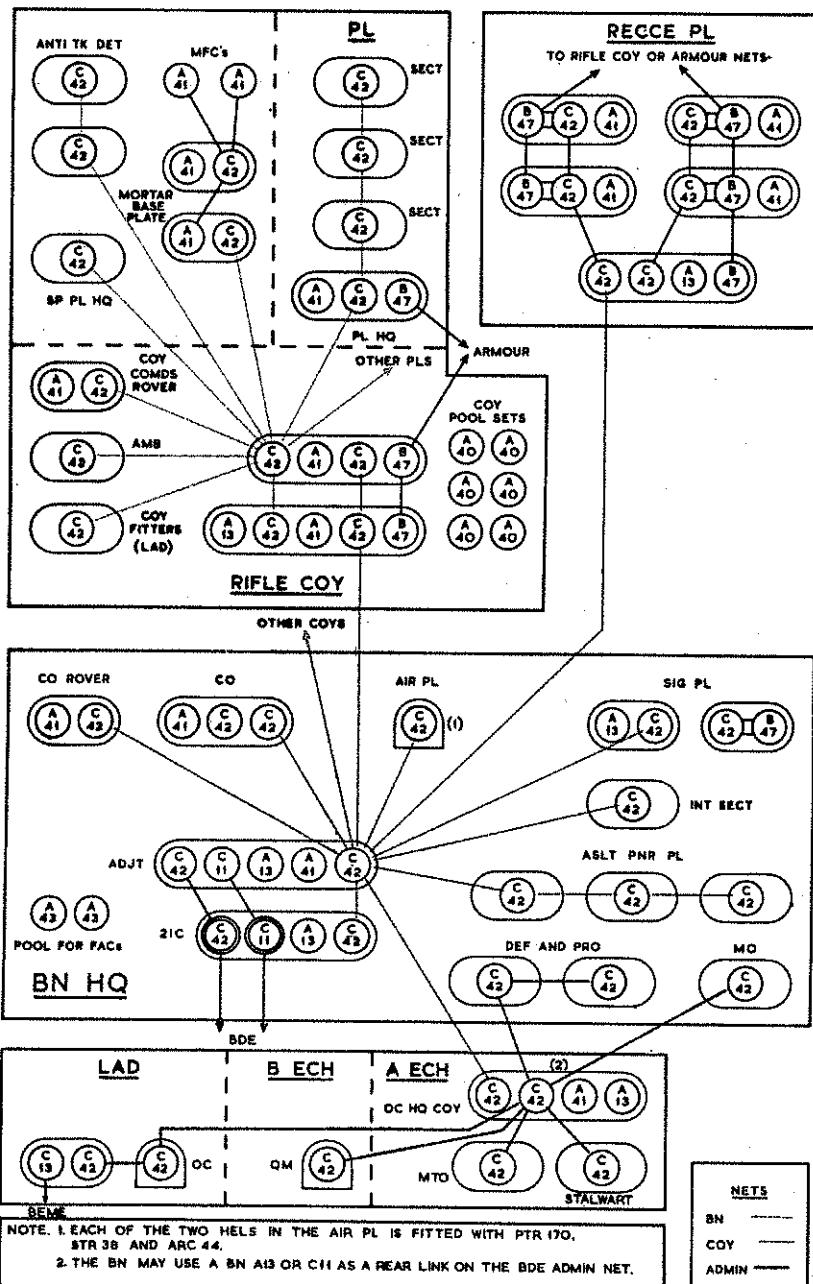
AIRPTBL BN

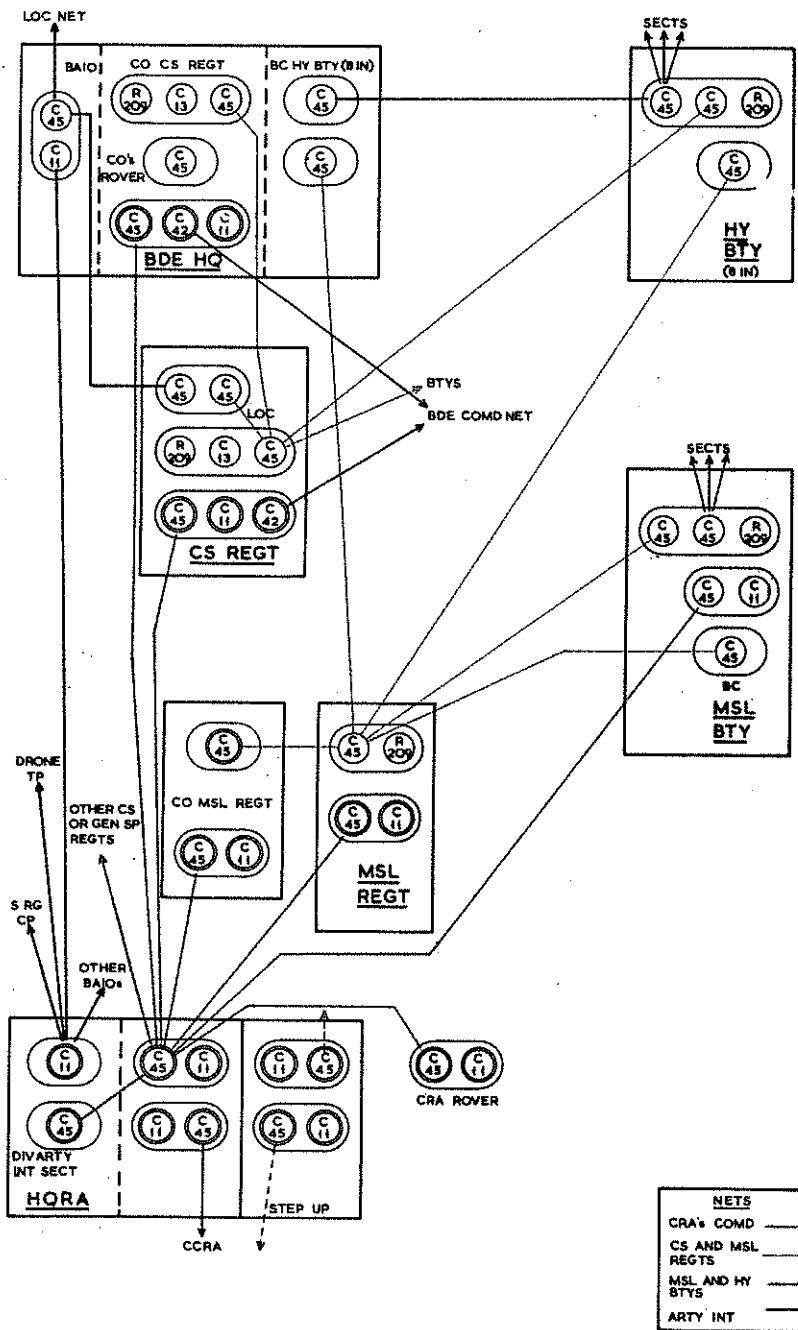
NOTES. 1. COY POOL SETS IN MELF AND FARLF ARE: 4 x A40  
1 x A13(H)  
3 x A13(LP)

2. THE BN MAY USE A BN A13 AS A REAR LINK ON THE BDE ADMIN NET.
3. EACH OF THE TWO HELS IN THE AIR PL IS FITTED WITH PTR 170,  
STR 38 AND ARC 44.

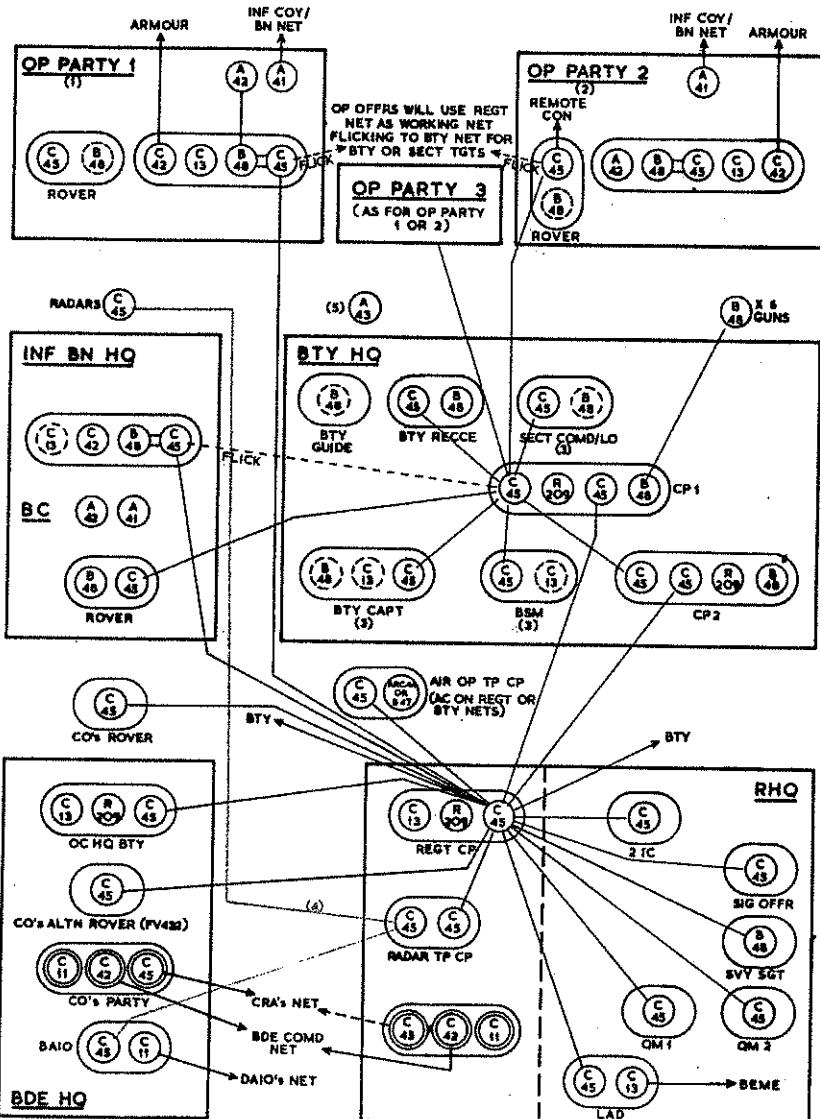
NEYS

|     |   |
|-----|---|
| BN  | — |
| COY | — |
| PL  | — |

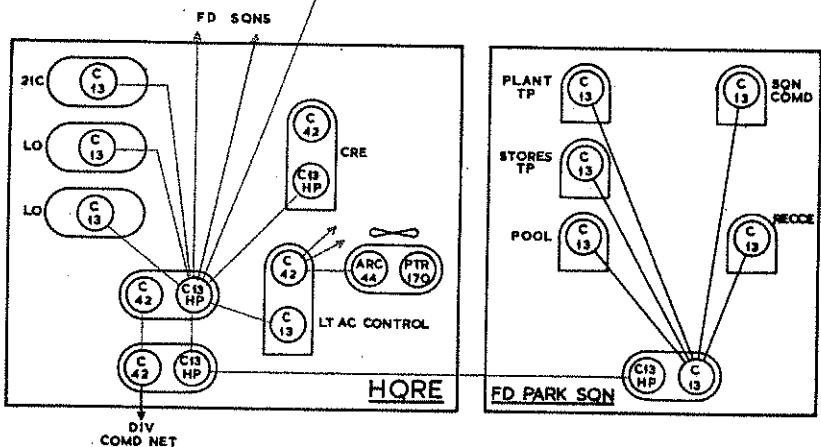
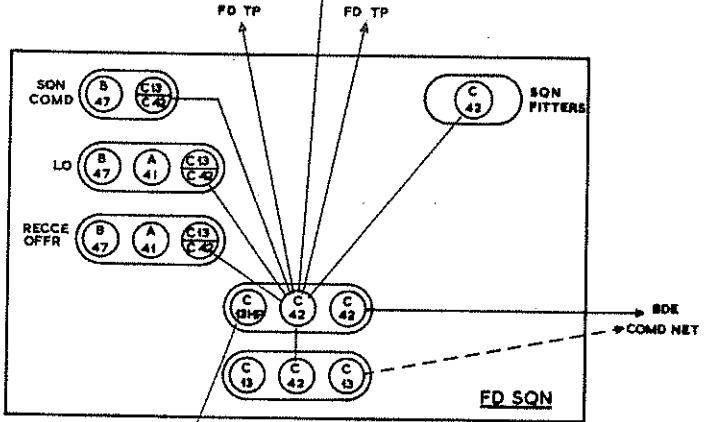
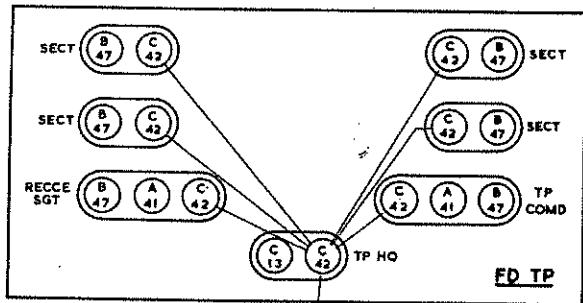
MECH BN

ARTY COMMS IN A DIV

## FD AND MED REGTS (SP)



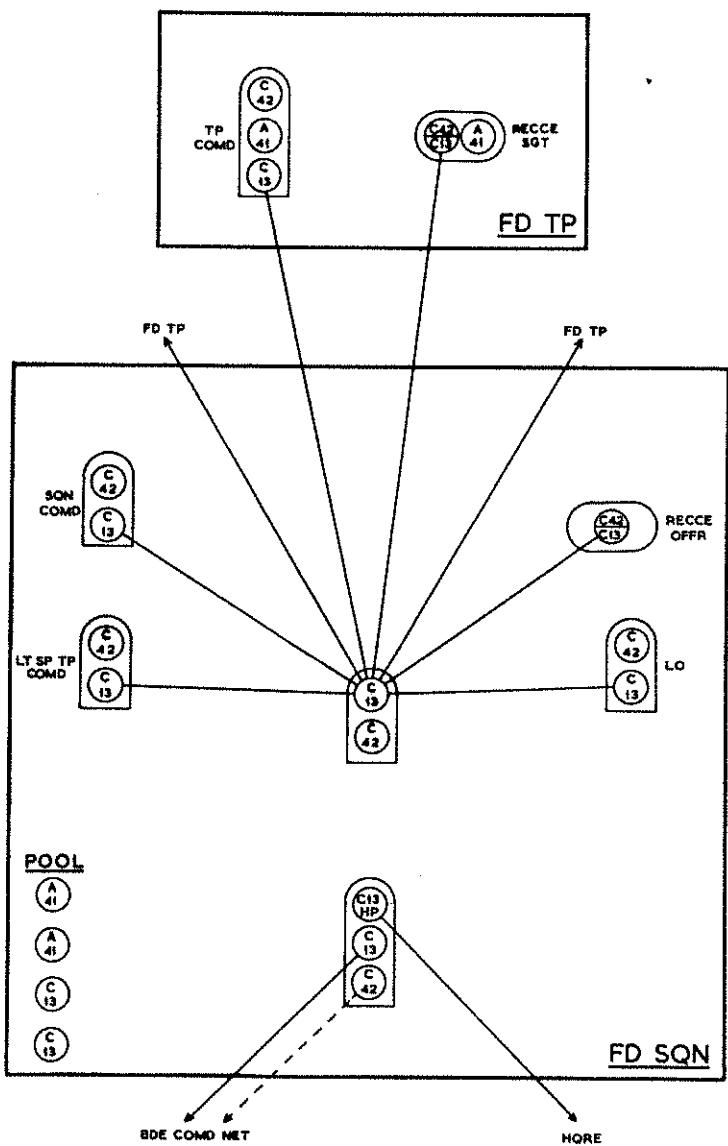
| NETS     |       |
|----------|-------|
| LOC      | _____ |
| REGT     | _____ |
| BTY      | _____ |
| GRAY/BDE | _____ |

DIV ENGRS (EUROPEAN THEATRE)

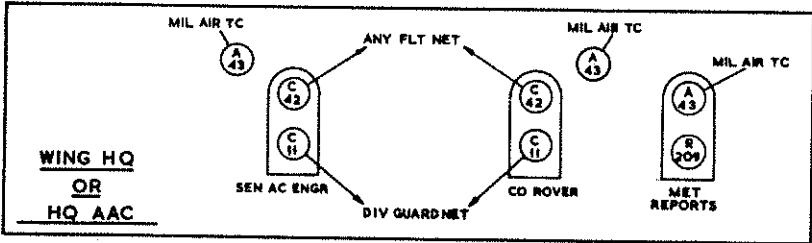
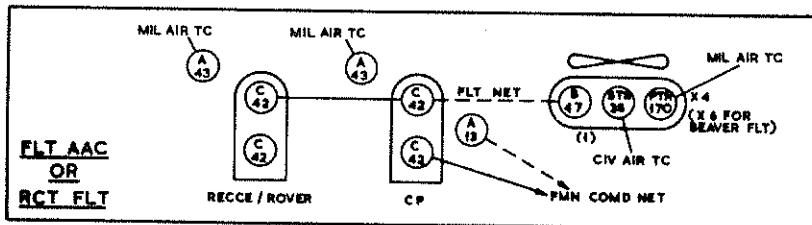
NOTE: DENOTES EITHER SET AVAIL

|             |   |
|-------------|---|
| FD SON      | — |
| FD PARK SON | — |
| HQRE        | — |

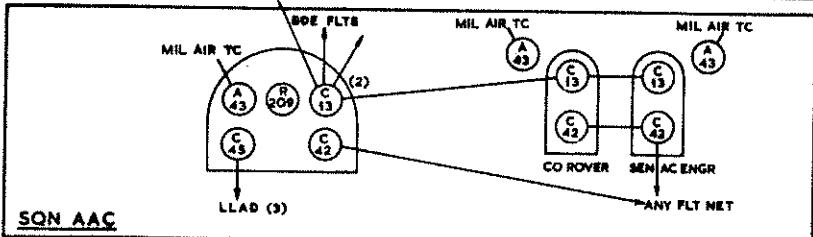
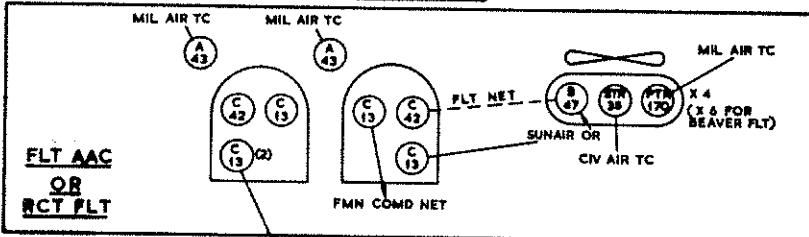
FD SQN (OVERSEAS THEATRE)



AAC  
(BAOR)

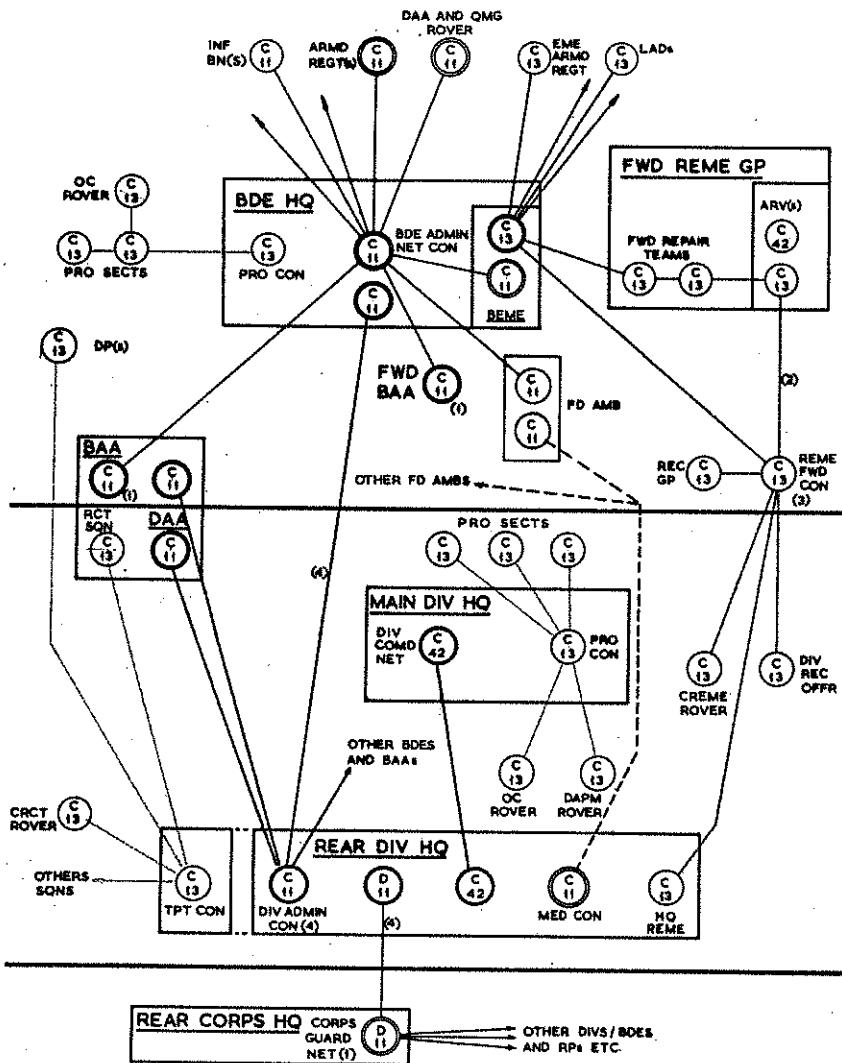


(ELSEWHERE)



- NOTES**
1. B48 CAN BE FITTED AS AN ALTN TO B47.
  2. CII IN FARELF.
  3. RECEIVES EARLY WARNING BROADCASTS. CAN BE USED TO NOTIFY AC MOV TO LOCAL AIR DEF.
  4. **AIR TC SETS**
    - a. A43 FOR GROUND STATIONS.
    - b. PTR 170 IN ALL AC FOR MIL AIR TC. STR 38 IN ALL AC FOR CIV AIR TC.

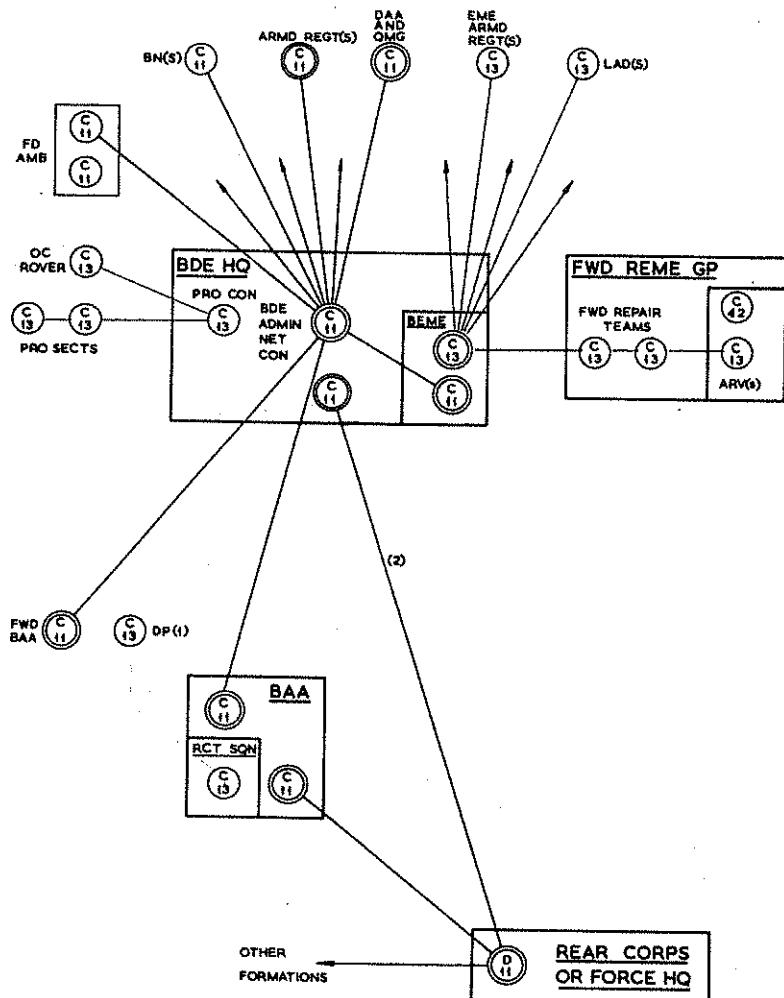
ADMIN COMMS (ADMIN UNDER DIV CON)



NOTES

1. RADIO DET FROM BDE HQ AND SIG SQN.
2. TWO POSSIBLE METHODS:
  - a. ALL STARS ON CREME NET.
  - b. SEPARATE BEME NETS WITH BEME "FLICKING" TO CREME NET WHEN NEC.
3. IF NO REME FWD CON ESTB, HQ REME ACTS AS CON. RADIO DETS ARE FROM FD WKSPS.
4. THESE NETS MORE OFTEN USE TELEPRINTERS.

|             |       |
|-------------|-------|
| <b>NETS</b> |       |
| BDE ADMIN   | _____ |
| CORPS GUARD | _____ |
| DIV ADMIN   | _____ |
| DIV COMDO   | _____ |
| TPT         | _____ |
| MED         | _____ |
| EME         | _____ |
| PRO         | _____ |

ADMIN COMMS (UNDER BDE CON)

| NETS      |
|-----------|
| FORMATION |
| TPT       |
| EME       |
| PRO       |