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ZEM

## SECRET

FROM P.O./T. HF RECEPTION AT COONAWARRA. SUBSEQUENT TO MY R 111330Z
HAVE RECEIVED REQUEST FROM DIC DARNAVRADSTA THAT AND
WHO ARE VISITING DARWIN IN CONNECTION WITH TASK BRIDGER FROM 17TH
MAY TO 23RD MAY SHOULD ENCOMPASS (A) NOISE MEASUREMENTS AT
RECEIVER STATION AND (B) THEORETICAL AND PRACTICAL ASSISTANCE IN
LOCAL ERECTION OF LOW HF RECEIVE ANTENNAE.

- 2. AM MAKING ARRANGEMENTS FOR VISIT TO BE EXTENDED UNTIL 25TH MAY AND TEST GEAR TO BE SENT TO ENABLE SITE NOISE TEST TO BE PERFORMED ON TENTATIVE BASIS.
- WILL BE BRIEFED ON COMPACT CARTWHEEL ARRAY DESIGN WHICH
  MIGHT BE WITHIN CAPACITY OF STATION TO ERECT ON EXPERIMENTAL BASIS
  BUT IT IS FAIRLY BIG JOB.
- 4. WORRIED THAT MAY BE DIFFICULT TO FIND A LOW NOISE SITE FOR VERTICAL AERIAL EVEN IF LAND ACROSS MAIN ROAD IS USED WITH CONSEQUENT FEEDER PROBLEMS.
- 5. HAS AN ENGINEERING SURVEY OF NOISE FIGURE OF AERIAL SPLITTING AND RETICULATION SYSTEM BEEN MADE RECENTLY. IF NOT CAN YOU ARRANGE QUERY.
- 6. PLEASE INFORM O.I.C. COONAWARRA OF ABOVE AND OF R 111330Z

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