

REIDS RADIODATA HF COMMUNICATIONS

BARRETT 550

CODAN
5323

CODAN
8524

CODAN
NGT

BARRETT
550

BARRETT
550

HOME

Barrett 550

The overall sequence involves (a) Select a channel. (b) Tune the antenna. (c) Listen for clear channel. (d) Test the channel/base with a selective beacon call. (e) If channel/base suitable then place call. (f) If not change channel and repeat (g) Ending call.

See chart below for channel / base ID's.

Tune the antenna:

Select voice mute off and set volume. Listen to determine channel is free, if not choose another or wait:

Press "SEL/TEL" and key in the required BASE ID, (e.g. 0801 for Alice Springs.):

Press "PWR" to send a beacon call and listen for the response (revertive tones). If no response within 6 seconds send beacon again. If revertive is satisfactory (strong clear tones) then go to next step, if not then return to start using another channel/base:

Press "SEL/TEL" and key in the required BASE ID

Press "SEL/TEL" then key in the required telephone number.

(ALWAYS INCLUDE THE AREA CODE)

Press "CHAN/SEND" to start the call. If no response within 5 seconds send the call again.

Following the "musical" revertive indicating a successful call there will be a delay of approximately 20 seconds then a recorded announcement followed by a long tone. After the tone proceed with your call.

At the end of your call a disconnect is necessary, there are two methods. The telephone party dials 99 or from the radio Press "SEL/TEL" and key in the BASE ID. Press "PROG/END" three tones indicate a successful disconnection. If no tones are heard repeat the disconnect sequence.

Return your radio to SCAN: **If you are not scanning you can miss incoming calls.**

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HF RADIO PHONE FREQUENCIES

(updated March 2018)

<u>BASE ID</u>	<u>COWRA 1 0201</u>	<u>COWRA 2 0206</u>	<u>CHARTERS TOWERS 0411</u>	<u>ALICE SPRINGS 0801</u>
CH. NO.				
31	3773	3773	3773	3773
51*	5744	5744	5744	
52*				5836
81*	8027	8027	8027	8027
82				
91	9081	9081		9081
92*			9360	9360
121*	12211.5	12211.5	12211.5	12211.5
151*	15968	15968	15968	15968

* Calling Channels (PSTN to mobile) 051, 052, 081, 092, 121 and 151. Scan only these channels for incoming calls.

Selective beacon facility is available at all bases.

Choosing a base and channel : The choice of a suitable channel is determined by distance and the time of day. Higher frequencies are required in the middle of the day and for longer distances, lower frequencies at night and for shorter distances.

The closest base may not provide the best communications.

Use the beacon call facility to test a channel before making a call and remember that, if your first choice is unsuitable, there are multiple bases. As each base is only capable of handling one call at a time, it is possible that a base is busy on a channel that you cannot hear. Under these conditions the base will not respond to a beacon call until the telephone call is finished. (Wait a few minutes and try again).

If a channel is in use, please wait until it is free or choose another channel.