

This booklet has been produced to enable Radtel Network users to obtain the full benefit from Radtel services. It is imperative that you read and understand the following information fully.

RADTEL Operation Hours:

General Business	}	
Validations-Connections	}	
Faults and Difficulties	}	
Messages Service (General Messages)	}	
Position Reporting & Logging	}	0900 – 1700 EST Monday-Friday *
Emergencies & Urgent Messages		- 24 Hours¹

General Information

Radtel Network does NOT provide a service, whereby your friends, business associates etc, can directly dial to your radio. They can only pass messages on via the Radtel base operators using the Message Service as below.

Emergency Service – *Radtel Plus & Radtel Assist plans only*

Radtel Network offers a 24 hours¹ emergency assistance. This service is maintained by an operator. Please note this service does not provide medical advice.

Position Reporting & Logging – *Radtel Plus & Radtel Assist' plans only*

Radtel Network provides a service whereby users can login their relevant details, i.e., position, destination etc. Unlike other networks, this service is not operated at regular scheduled times. For users to login, simply call the relevant Radtel Operator anytime during normal Radtel Operational Hours (see above). If the user feels that it is essential to login outside these recommended hours please inform us of your intentions prior to your journey. **N.B. When logging in, it is ESSENTIAL to maintain regular intervals of logging. When you have finished the journey, it is also ESSENTIAL to Log off with Radtel Network. Failure to carry out these guidelines could result in substantial fines from any rescue authorities that may have implemented a search and rescue operation.**

Message Service

This service is available to friends, relatives and business associates who wish to pass on messages to Radtel users. Please refer to the '*How to Contact Me*' cards that you were issued with. Anyone who requires to use this facility must adhere to the instructions as noted on this card as shown on page 3.



Hours of Operation:

- Emergencies & Urgent messages: 24 Hours¹
- General Messages: 0900-1700 Hours Monday – Friday* EST

Messages Base Operator to Radio

General Messages – These messages will be transmitted ‘On Demand’** during normal business hours. Please note that these messages will only be transmitted ONCE, from which it will then be the responsibility of the radio user to retrieve their messages by calling a Radtel Operator.

Emergency Messages – These messages will be transmitted ‘On Demand’** immediately anytime of day. If first unsuccessful, Radtel Network will continue to transmit these calls at random times until the message has been received or until it is considered all reasonable efforts have been exhausted to transmit the message.

N.B. For message Service to be effective, your radio MUST be scanning the correct channels – See section ‘Channel Scanning’ Page 4.

‘Radio to Operator’ Calling

When calling a ‘Radtel Base Operator’ please use the appropriate operator as listed below and in the following order. Failure to contact the correct operator will result in NO contact

- | | |
|-------------------|--|
| Operator 1 | 0900 – 1700 Hours EST - Monday-Friday* |
| Operator 2 | After Hours – 1 st Contact |
| Operator 3 | After Hours – 2 nd Contact |
| Operator 4 | After Hours – 3 rd Contact |

If in the unlikely event that you receive no response from a Radtel Operator, (with the exception of Message Bank answering), please leave your relevant details (Name, Selcall Number, Geographic Position) on the Operator 3 Message Bank facility provided.

Beacon Calling – Channel Test

This is the most important step in the calling procedure. It allows you to test a particular Frequency/Channel for its signal strength / clarity BEFORE commencing the actual call. This could mean the difference between poor or clear reception.

When ‘Beacon Calling’ you **MUST ALWAYS use the ‘Beacon Number’** listed for the particular base you are calling through, or as listed in the ‘Radtel Assist’ handbook. Do not use any other number.

Hanging Up a Phone Call

When you have completed your phone call you **MUST** disconnect the call. This can be achieved in either of two ways.

1. Ask the phone user to **‘Dial 99’** before they hang-up
 - Ensure you hear the 3 disconnect tones.
2. Use the **‘Call Disconnect or Call Hangup’** feature within your radio – Refer to your owners manual – Ensure you hear the 3 disconnect tones.

If your radiophone call has been diverted to a ‘Message Bank’ or ‘Answering Machine’ service you must use procedure 2 above.

Failure to disconnect your call, correctly, could result in additional call costs being charged to your account, and also prevents any other user from making a call.

Channel Scanning

For correct radio operation, it is essential that your radio be set to scan the appropriate channels. Most radios will only scan a limited number of channels at any one time. Due to this limitation we have tabled below a suggested list of channels to be entered into your radio’s scan memory for effective operation. Also please note that at the completion of every call, make sure you re-activate scan mode.

There maybe some exceptions to suggested guidelines where only limited power is available i.e, Boat applications or extended stays in vehicles whereby adequate charging of the battery is not available. Under these circumstances please contact the Radtel operator for alternative arrangements.

Scan Table for: Radtel Network / VKS737 - Land Use and OR Marine use.

Codan 8528/8528S

Barrett 250/550/950 Q-Mac HF90

Codan 9323/9390 Barrett 2050

East Aust	Central Aust	West Aust
Ch 1	Ch 1	Ch 1
Ch 2	Ch 2	Ch 2
Ch 3	Ch 3	Ch 3
Ch 4	Ch 4	Ch 4
Ch 15	Ch 20	Ch 15
Ch 16	Ch 21	Ch 18
Ch 17	Ch 23	Ch 19
Ch 20	Ch 24	Ch 20
Ch 21	Ch 25	Ch 21

East Aust	Central Aust	West Aust
Ch 1	Ch 1	Ch 1
Ch 2	Ch 2	Ch 2
Ch 3	Ch 3	Ch 3
Ch 4	Ch 4	Ch 4
Ch 14	Ch 19	Ch 14
Ch 15	Ch 20	Ch 15
Ch 16	Ch 21	Ch 18
Ch 17	Ch 23	Ch 19
Ch 20	Ch 24	Ch 20
Ch 21	Ch 25	Ch 21

N.B. Marine Users should only require East / West tables

Scan Table for: Marine – Radtel Network only

Codan 8525/8528/8528S, Codan 9390 / NGT

Barrett 250/550/980

Australia
Ch 14
Ch 15
Ch 16
Ch 17
Ch 18
Ch 19
Ch 20
Ch 21

Please note that channel numbering may vary according to radio model – Please compare your channel numbering to the actual frequency. Usually Marine radio channel numbers commence in 80xx, e.g., 8012, 8013 etc.

Basic Radio Operation

The following instructions are intended for use by radio users who are competent in the operation of their radio –

Radio	Beacon Calling	Selcalling	Radio Telephone
Codan 8528/S	Press 'Selective Call' Enter Beacon No. Press 'Selective Call'	Press 'Selective Call' Enter Selcall No. Press 'Selective Call'	Press 'Selective Call' Enter Base Telcall No. Press 'Enter' Enter Phone No. inc. <i>STD Area Code</i> Press 'Selective Call'
Codan 9323/ 9390	Press 'Beacon' Enter Beacon No. Press 'Call'	Press 'Call' Enter Selcall No. Press 'Call'	Press 'Call' Enter Base Telcall No. Press 'Enter/Recall' Enter Phone No. inc. <i>STD Area Code</i> Press 'Call'
Barrett 250	Press 'CALL' Enter Beacon No. Press 'SEND'	Press 'CALL' Enter Selcall No. Press 'SEND'	Press 'CALL' Enter Base Telcall No. Press 'CALL' Enter Phone No. inc. <i>STD Area Code</i> Press 'SEND'
Barrett 550/950	Press 'SEL/TEL' Enter Beacon No. Press 'CHAN/SEND'	Press 'SEL/TEL' Enter Selcall No. Press 'CHAN/SEND'	Press 'SEL/TEL' Enter Base Telcall No. Press 'SEL/TEL' Enter Phone No. inc. <i>STD Area Code</i> Press 'CHAN/SEND'
Barrett 2050	Press 'Call' Select 'Beacon' Press 'Enter' Enter Beacon No. Press 'Call'	Press 'Call' Select 'Selcall' Press 'Enter' Enter Selcall No. Press 'Call'	Press 'Call' Select 'Telcall' Press 'Call' Enter Base Telcall No. Press 'Call' Enter Phone No. inc. <i>STD Area Code</i> Press 'Call'

Radio	Beacon Calling	Selcalling	Radio Telephone
Icom F7000	Press 'Call' Select 'Sel Bcon' Enter Beacon No. Press & Hold 'Call'	Press 'Call' Select 'Selcall' Enter Selcall No. Press & Hold 'Call'	Press 'Call' Select 'Telcall' Enter Base Telcall No. Enter Phone No. inc. <i>STD Area Code</i> Press & Hold 'Call'
Q-Mac HF90	Press * Enter Beacon No. Press *	Press * Enter Selcall No. Press *	Press * Enter Base Telcall No. Press # Enter Phone No. inc <i>STD Area Code</i> Press * Press ## to Hang-up Call
Jenal Mic SC2	Enter Beacon No. Press # *	Enter Selcall No. Press # #	Enter Base Telcall No. Press # Enter Phone No. <i>inc</i> <i>STD Area Code</i> Press # Press # 8 to Hang-up
Codan NGT	Please refer to your local dealer		

If you require more comprehensive instructions, Full HF Radio Training Kits available to suit individual radio models @ \$89 For ordering of this kit please phone (02) 4943 1745.

Whilst every care has been taken in the compiling of this booklet, Radtel Network Pty Limited accepts no responsibility for any errors or omissions that may have occurred.

Abbreviations:

¹ - 24 Hour service may not be available at some times.

* Excludes NSW Public Holidays -

** **'On Demand'** – This means you may be called anytime of day for messages, emergencies etc. If you are not at your radio at the time of call, you must obtain your messages by calling the relevant Radtel Network operator.

EST - Eastern Standard Time & Eastern Summer Time

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