



# HF radio with Telcall+

## HF meets the 4G network

Australia, Western Australia and the North in particular have a great many wonderful places to visit. Many of the locations are outside mobile phone coverage with the road access often rough and four wheel drive only. These travel conditions when combined with a lack of communications escalates the risks of travel in these areas.

Anybody can have a HF radio and become licensed to transmit from a mobile station by becoming a member of Austral Travel Safety Net. Austral Travel Safety Net maintains a virtual security blanket for remote area travellers by supporting HF radio communications Australia wide day and night.

Austral Travel Safety Net has low membership cost as it is a not-for-profit organisation.

High Frequency (HF) long-range radios on the Austral Travel Safety Net are capable of accessing an extensive Australia-wide base network, enabling communications and telephone interconnect, from outback locations where a mobile phone will not work. (That's a fact).

Austral Travel Safety Net recently introduced state-of-the-art technology, named **Telcall+** and the **Out-n-About™** phone app, linking HF radios with mobile phone networks. This revolutionary system connects HF radio to satellite navigation and cross-pollinates with services such as map position marking, Bi-directional text messaging, direct SMS to any mobile phone and telephone direct dial interconnection from your radio.

For the first time, this extraordinary technology value-adds to HF radio and brings all its features into the 21<sup>st</sup> Century.



Telcall+ and Out-n-About™ provides a map display for family and friends of your camping locations, no matter where you are in Australia. No need to contact them every day to say you are OK but you can if you wish to.

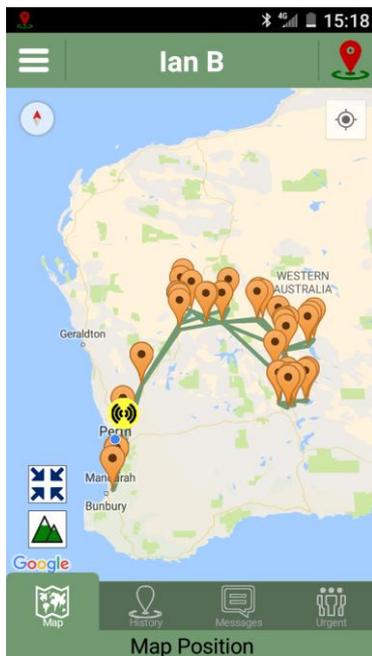
In addition to the above features and possibly the single most important of the Telcall+ system:

By depressing a single button on the HF Radio, users can call for emergency help response which can be used for general help or life threatening emergencies. Extensive knowledge of using radio use is not required to make an emergency call. (A partner can make a call)

Austral Travel Safety Net help response system is unparalleled by any other network.

The Telcall+ technology is not available anywhere else in the world with the program purpose developed in Australia, by Australians, for Austral Travel Safety Net.

To recap the Out-n-About™ phone app can send text messages from anywhere in the world to HF radio located anywhere in Australia.



Today's HF radio user can make an emergency call for help, mark their GPS positions on a map, send text messages to the radio mail box system, SMS any mobile phone or make a phone call from anywhere in Australia.

Family and friends do not need Austravel Safety Net membership to run the Out-n-About™ phone app. With the app they can view GPS locations of selected user members and communicate to those radios by text. Different levels of access are PIN-protected for privacy

Some travelers already have HF radios and can achieve these extra features just by adding Austravel network to their existing radio. This does not interfere with any pre-existing network.

Our frequencies for SWL are suppressed carrier USB in kHz:-

Mobile	Chan1	Chan2	Chan3	Chan4	Chan5	Chan6	Chan7	Chan8	Chan9	Chan10
USB	3.175	5.127	5.270	6.793	7.652	9.323	10.203	13.910		17.463

All frequencies can be used by mobiles. There are regular skeds run every day in the East and West of Australia.

If an SWL knows an Austravel member they can run the Out-n-About mapping app and follow the travels of that friend.

You can use our SDR receivers under the LISTEN tab to listen to skeds. Sked time table available [www.austravelsafetynet.com.au](http://www.austravelsafetynet.com.au) <SKED> Tab to hear activity of our 6 bases. Mobile operation can be random at any time.

For any technical or operational queries on Telcall+ or the Out-n-About™ app please contact Kim Rhodes (7880) [telcallplus@austravelsafetynet.org.au](mailto:telcallplus@austravelsafetynet.org.au)

For further information and to join the AustravelSafetyNet, contact the membership officer. Geoff (0951) [membership@austravelsafetynet.org.au](mailto:membership@austravelsafetynet.org.au)