

AUGUST 2019

(Published each April - August - December)

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CHANNEL CHATTER



Austravel Safety Net Inc.

The HF Radio Communications Network for Trips, Treks, Tracks & Tours

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DISCLAIMER

The opinions and information contained within this newsletter are provided in good faith and whilst Austravel Safety Net Inc. has taken all care in the preparation of the material provided, Austravel Safety Net Inc. does not accept legal liability or responsibility related to articles placed by its members.

DON'T FORGET... AGM SEPTEMBER 21ST.

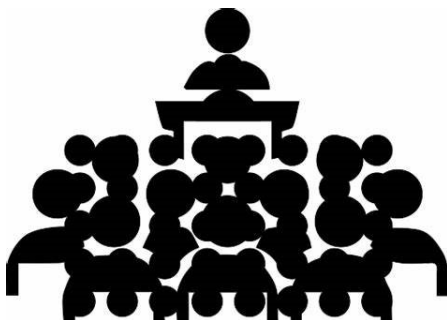
A timely reminder to all Austravel members that the AGM has been scheduled for Saturday September 21st.

The venues have been organised and the plans are well in hand, and your committee wishes as many members as possible attend.

Austravel Safety Net Inc. is operated by its members for its members. Therefore financial "full member's" are urged to come along and voice their opinions and participate in the democratic process off operating this fast growing HF radio club.

A reminder though that only full members are eligible to offer and vote on propositions in the meeting process, with "social" members exempt.

Although "Social" membership excludes voting rights in the AGM/GM, none-the-less, social members are warmly welcomed and indeed encouraged to attend either the Yarloop or Casino venues and learn more about the Out-n-About app or discover what is required to attain and use a HF radio.



East Australia AGM venue
CASINO VILLAGE RV Resort

Light St. Casino NSW 2470

Austravel Contact: Geoff Peck (0951)

PH: 0403 309 020



West Australia AGM venue
KIM RHODES' BUSH CAMP
Scarp Rd. Yarloop WA 6218

Austravel Contact: John Hall (6014)

PH: 0412 493 866



When?

Both Venues

Friday 20th to Sunday 22nd September 2019

Presidents Report

I would like to say welcome to our many new members all over Australia and in particular to the ones on the sea in the Whitsunday areas.

I am keen to get some feed back regarding our coverage in the coastal areas. We have had Jeanne Socrates on S/V Nereida selcall (7245) call into Austravel skeds a number of times as she went around Tasmania. Very good signals from Australian waters.

Membership growth has been considerable and is certainly keeping our membership officer very busy. Our members are our best advertising so keep up the good work and remember there are many documents and flyers available to members to give to others to help explain what Austravel does.

If you would like to know what is available you can give me a call and have a chat. I am happy to email documents to you that you can hand out to prospective members. Many new documents are on our web site as well.

Membership growth helps keep fees down and allows for equipment update. I am looking at the feasibility of the Austravel network supporting digital voice in the future in addition to its current features and support of all radios.

There are some issues at the moment in that the Codan and Barrett digital voice systems do not have a compatible format. To go with one at the moment would exclude the other. Since we have both Codan Envoy and Barrett 4050 radios (the radios capable of digital) owned by members in the Austravel network we need a resolution to this issue from the manufacturers before we can move ahead with digital speech.

Don't forget to slot in your travels for the next AGM at Casino NSW on the 21nd September 2019 or the bush camp at my place at Yarloop WA - AGM linked by Skype.

We still need more support in the web page design areas and new sked operators are welcome. If you have some interest in either of these areas please contact me and I will direct you as necessary.

I would like to hear you all on skeds, so blow the cobwebs out of you radios and give the sked operators a call even from your driveways. Have a play with your mailbox on air or send an SMS to yourself, just for practice. Stay fluent with using you radios it will make it much easier if you really need to use them.

President

Kim Rhodes (7880)

Vice Presidents Report

Greetings Members,

I am heartened by the numbers of new members to the Austravel Safety Net ranks. In my daily sched duties I am pleased to welcome new names and selcall call signs. With the increased activities of travelling members from the south heading north to sunny and warmer regions there are many members on the road, calling into their preferred base. It is good to hear the activity and the members who are unfamiliar with HF Radio operations "learning the ropes". **We are always looking for more "Base Operators"**, as we need to cover for any of the present number of operators being unavailable of any reason. I would like to thank all operators for your hard work or pleasure? ...for maintaining the daily base schedules. I find it fulfilling and a pleasure to operate.

You may do too... why not give it a go? If I can do it, so can you..!!

The present operators are myself 6001, Mike 6041, Paul 5577, Colin 6355, Kim 7880, via Perth 6199 & Kununurra 6299. Geoff 0951, Bob 1750, Garry 1228, Terry 6684, Fred 1229, Henk 3928, Ken 9618, Geoff 2748 via Casino 2199, Shepparton 3199 & Alice Springs, 8199 and certainly not the least - Cliff 9363 from his 'slide on' which amazingly 'gets out' as well as any base.

We are presently seeking an operator to cover for Paul 5577, Thursday & Friday mornings from 07:45 to 08:30 WST next month. All that is needed to do a sched is a pencil & paper, a telephone or mobile, preferably with free or low rate STD and some free time at sched times.

Scheduled operating can also done using SKYPE from a computer or other VOIP communications. It is fun to travel Australia from you're favourite chair without even leaving home.

Procedure is provided in an Operator Handbook. Please let me or Geoff 2748 know if you are interested.

Thanks to ALL Operators present and future and thanks for being a member.

Vice President

Roy Watkins (6001)

Measure Distance With Your NGT or Envoy

Did you know that you can put GPS way points in your NGT and Envoy radios? You can enter these way points in a number of different ways.

1. Be at the location with your radio, GPS on of course and save directly to the Address book
2. Have someone send you their coordinates in a **SEND POSITION** call type
3. Interrogate someone's GPS location using a **GET POSITION** on your radio
4. Manually enter information directly into the address book.

For example if you enter the information from the table below using (List Manager) on your NGT radio ,when you select these base location entries in the address book your microphone display will give you distance and bearing to the base selected.

		MESSAGE INFO		
	Base_Loc Perth	Dist to Perth 3129.733S 11604.814E		
	Base_Loc Alice	Dist to Alice 2341.545S 13352.565E		
	Base_Loc Kunun	Dist to Kunun 1546.313S 12843.693E		
	Base_Loc Casino	Dist to Casino 2852.553S 15303.010E		
	Base_Loc Sheppart	Dist to Shep 3623.000S 14518.000E		

FESTIVAL OF SMALL HALLS

Want to know more?

Just Google "festivals of small halls" and check out their website.

Austravel members travel to all parts of Australia, and sometimes drive right past small towns without realising that some good entertainment is available or planned.

Festival of Small Halls is a series of tours that takes the best folk and contemporary acoustic artists performing at two of our country's largest festivals, and sends them on the road to tiny halls in communities all over Australia.

The artist line-up for Small Halls will always be at least one Australian artist and one International touring artist, who play music of exceptional quality and heart. They've been chosen for the tour not only because of their beautiful songs and tunes, but because they have the ability to really connect with the people they play for, whether through storytelling, the ability to tell a good joke (or a truly terrible one), a wonderful warmth and a real interest in visiting places a little off the beaten track. Each night of the tour is hosted by volunteers from the local community, so it's also a chance for a town to show off their warmest welcome and most enthusiastic audiences.

For anything and just about everything 12 volt.....JGM Direct will have a product and price to suit.

Your Channel Chatter editor visits this favourite "men's toy shop" often when needing a 12 volt this or that.

Check their webpage, delivery Australia wide.

Looking for great quality stand alone Solar or LED lighting?
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Reminder ! Sked Times East Area

EAST AREA MORNING WINTER sched times (non daylight saving time)							
Chan	Khz	QLD	S.A.	N.T.	NSW/Vic/Tas	W.A.	UTC
Start on Shepparton Base							
1	3175	8:00 - 8:05am	7:30 - 7:35am	7:30 - 7:35am	8:00 - 8:05am	6:00 - 6:05am	22:00 - 22:05
3	5270	8:05 - 8:10am	7:35 - 7:40am	7:35 - 7:40am	8:05 - 8:10am	6:05 - 6:10am	22:05 - 22:10
Switch to Casino Base							
1	3175	8:10 - 8:15am	7:40 - 7:45am	7:40 - 7:45am	8:10 - 8:15am	6:10 - 6:15am	22:10 - 22:15
3	5270	8:15 - 8:20am	7:45 - 7:50am	7:45 - 7:50am	8:15 - 8:20am	6:15 - 6:20am	22:15 - 22:20
5	7652	8:20 - 8:25am	7:50 - 7:55am	7:50 - 7:55am	8:20 - 8:25am	6:20 - 6:25am	22:20 - 22:25
7	10203	8:25 - 8:30am	7:55 - 8:00am	7:55 - 8:00am	8:25 - 8:30am	6:25 - 6:30am	22:25 - 22:30
8	13910	8:30 - 8:35am	8:00 - 8:05am	8:00 - 8:05am	8:30 - 8:35am	6:30 - 6:35am	22:30 - 22:35

EAST AREA AFTERNOON WINTER sched times (non daylight saving time)							
Start at Alice Springs Base							
Chan	Khz	QLD	S.A.	N.T.	NSW/Vic/Tas	W.A.	UTC
5	7652	4:30 - 4:35pm	4:00 - 4:05pm	4:00 - 4:05pm	4:30 - 4:35pm	2:30 - 2:35pm	06:30 - 06:35
3	5270	4:35 - 4:40pm	4:05 - 4:10pm	4:05 - 4:10pm	4:35 - 4:40pm	2:35 - 2:40pm	06:35 - 06:40
Switch to Casino Base							
8	13910	4:40 - 4:45pm	4:10 - 4:15pm	4:10 - 4:15pm	4:40 - 4:45pm	2:40 - 2:45pm	06:40 - 06:45
7	10203	4:45 - 4:50pm	4:15 - 4:20pm	4:15 - 4:20pm	4:45 - 4:50pm	2:45 - 2:50pm	06:45 - 06:50
5	7652	4:50 - 4:55pm	4:20 - 4:25pm	4:20 - 4:25pm	4:50 - 4:55pm	2:50 - 2:55pm	06:50 - 06:55
3	5270	4:55 - 5:00pm	4:25 - 4:30pm	4:25 - 4:30pm	4:55 - 5:00pm	2:55 - 3:00pm	06:55 - 07:00
1	3175	5:00 - 5:05pm	4:30 - 4:35pm	4:30 - 4:35pm	5:00 - 5:05pm	3:00 - 3:05pm	07:00 - 07:05



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9434 2211

Unit 3 / 33 Port Kembla Dr, Bibra Lake
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"healthcare for your 4wd"

WEST AREA MORNING WINTER sched times (non daylight saving time)							
Chan	Khz	W.A.	S.A.	N.T.	NSW/Vic/Tas	Qld.	UTC
Start on Kununurra Base							
2	5127	7:45 - 7:50am	9:15 - 9:20am	9:15 - 9:20am	9:45 - 9:50am	9:45 - 9:50am	23:45 - 23:50
4	6793	7:50 - 7:55am	9:20 - 9:25pm	9:20 - 9:25pm	9:50 - 9:55am	9:50 - 9:55am	23:50 - 23:55
6	9323	7:55 - 8:00am	9:25 - 9:30am	9:25 - 9:30am	9:55 - 10:00am	9:55 - 10:00am	23:55 - 00:00
Switch to Perth Base							
1	3175	8:00 - 8:05am	9:30 - 9:35am	9:30 - 9:35am	10:00 - 10:05am	10:00 - 10:05am	00:00 - 00:05
2	5127	8:05 - 8:15am	9:35 - 9:45am	9:35 - 9:45am	10:05 - 10:15am	10:05 - 10:15am	00:05 - 00:15
5	7652	8:15 - 8:20am	9:45 - 9:50am	9:45 - 9:50am	10:15 - 10:20am	10:15 - 10:20am	00:15 - 00:20
7	10203	8:20 - 8:25am	9:55 - 10:00am	9:55 - 10:00am	10:20 - 10:25am	10:20 - 10:25am	00:20 - 00:25
8	13910	8:25 - 8:30am	10:00 - 10:05am	10:00 - 10:05am	10:25 - 10:30am	10:25 - 10:30am	00:25 - 00:30

WEST AREA AFTERNOON WINTER sched times (non daylight saving time)							
Chan	Khz	W.A.	S.A.	N.T.	NSW/Vic/Tas	Qld.	UTC
Start at Kununurra Base							
4	6793	4:15 - 4:20pm	5:45 - 5:50pm	5:45 - 5:50pm	6:15 - 6:20pm	6:15 - 6:20pm	08:15 - 08:20
2	5127	4:20 - 4:25pm	5:50 - 5:55pm	5:50 - 5:55pm	6:20 - 6:25pm	6:20 - 6:25pm	08:20 - 08:25
1	3175	4:25 - 4:30pm	5:55 - 6:00pm	5:55 - 6:00pm	6:25 - 6:30pm	6:25 - 6:30pm	08:25 - 08:30
Switch to Perth Base							
8	13910	4:30 - 4:35pm	6:00 - 6:05pm	6:00 - 6:05pm	6:30 - 6:35pm	6:30 - 6:35pm	08:30 - 08:35
7	10203	4:35 - 4:40pm	6:05 - 6:10pm	6:05 - 6:10pm	6:35 - 6:40pm	6:35 - 6:40pm	08:35 - 08:40
5	7652	4:40 - 4:45pm	6:10 - 6:15pm	6:15 - 6:15pm	6:40 - 6:45pm	6:40 - 6:45pm	08:40 - 08:45
2	5127	4:45 - 4:55pm	6:15 - 6:25pm	6:15 - 6:25pm	6:45 - 6:55pm	6:45 - 6:55pm	08:50 - 08:55
1	3175	4:55 - 5:00pm	6:25 - 6:30pm	6:25 - 6:30pm	6:55 - 7:00pm	6:55 - 7:00pm	08:55 - 09:00

Austravel Safety Net Inc.
The HF Radio Network For Those Who Trip, Trek, Track and Tour

Username * Password *
Request new password
Log in

Home About Us Our Network Join Channel Chatter Documents Upcoming Events Telcall+ Contact Listen **Skeds**

Home

HF Radio Conditions
Austravel Safety Net

SKED is a standard radio abbreviation for a scheduled contact at a specific time. (I.e. Every day at the same time). For Austravel these times and channels are listed in the beginning pages of the selcall list which is available by email on request or, comes out as a separate email with the Channel Chatter magazine. Skeds will change summer to winter as daylight effects the best channels to use around sked times.

The sked tables need to progressively change as the solar activity increases and we start using higher frequencies over shorter distances. These progressive changes are needed to keep providing the best coverage of Australia at sked times. So please stay up to date and check on the changes as each new selcall list comes out. Get a current copy before you head off for travel. Of course, if you are travelling and out of email range, as a regular caller on the skeds the operators will let you know in advance of a pending sked list change.

Sked-East Sked-West
Austravel Channel List

YouTube Channel

This most up-to-date sked timetable is found within the Austravel web page.

1 click the "Skeds" tab

2 click either "Sked East" or "Sked West"

Note that sked time times are by state boundaries and UTC is also listed.



Announcing

The Austravel Safety Net Inc. committee are pleased to announce to all members that the H.E.L.P. (4357) emergency call systems now has two new family systems: -

- HELP - **PLB**
- HELP - **SAT**
- See page 7 & 8 for more details

Also new is the addition of the “**HF Marine Radio Service**” extending the use of the Austravel HF radio network into pleasure craft operating in Australian coastal waters.

- See page 9 for more details

The committee urges all members to thoroughly review the detailed information and assess if these new platforms could be useful to you or a friend .

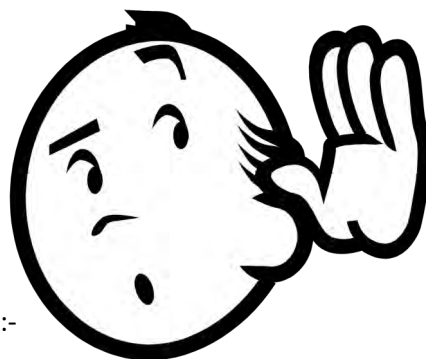
HAVE YOU HEARD ?

The Austravel base HF radio network consists of: -

- Perth
- Kununurra
- Alice Springs
- Shepparton
- Casino
- Far North Qld. (planned expansion)

However members may not be aware that we also have two listening bases:-

- Perth
- Brisbane



These two “listen only” bases are open to any member with access to the Austravel web page.

Open the Austravel web page at the “home” page, look to your right and select the “Listen” tab, and then select a channel you wish to listen to from either the “West” or “East” channel list.

Up to four members can listen at the one time, but be aware that the “East” listen base is undergoing some upgrade work at the time of writing this newsletter article, but by the time you read this (August), it should be up and running.

These two listening bases are useful within the Austravel’s emergency call system (H.E.L.P. 4357) . In those bad HF noise days, an Austravel emergency responder can deal with the emergency call via one of the main bases, another can remain ready to lend HF radio support via a second main base, whilst yet another emergency responder can offer support by listening and relaying incident information that the 1st and 2nd responders may have missed.

This HF radio “emergency call” network overlap is yet another aspect of how the H.E.L.P. (4357) emergency call system functions, with the deployment of a listening base, potentially playing an important role.

Note that no specific outcome to any H.E.L.P. (4357) activation cannot be guaranteed.



HELP-PLB

What Is Austravel's HELP- PLB ?

HELP- PLB is a complimentary service provided for Austravel full members who have an AMSA registered, land based 406MHz satellite **Personal Locator Beacon** as an additional "remote area safety" device, along with their HF radio.

Austravel members who walk away from their vehicle to bush walk, mountain climb, fossick for gems or prospect for gold, are at potential risk of unintended injury or a medical episode that potentially prevents them from getting back to their vehicle and HF radio - to activate the Austravel H.E.L.P. (4357) emergency call system.

A compact PLB, strapped to your belt, while away from your vehicle is a worthwhile and cost effective solution in the above situation.

Austravel does not sell or market any specific brand/model of Personal Locator Beacons; only highlighting the added potential benefit of having one whilst traversing rural and remote areas.

What's the connection between AMSA, a HF radio and a PLB ?

The Australian Maritime Safety Authority (AMSA) state that two-way communication via a mobile/satellite phone or radio is the most effective means of communication when in a distress situation:-

- Instant confirmation that the call has been received by emergency services;
- Ability to communicate position, nature of distress, required assistance;
- Emergency services can adequately scale the response assets according to required assistance;
- Ability to provide updates on the situation and also receive advice until emergency services arrive.
- If two-way communications are not available, then a distress beacon should be activated in situations of grave and imminent danger. This equates to when you feel you are facing a life threatening situation. This is a personal decision that is different for everybody.

HELP- PLB and AMSA Search & Rescue

Austravel's role in conjunction with **HELP-PLB**, is where Austravel members register their 406 MHz PLB, along with Austravel contact details, and note that they carry a HF radio in their vehicle:-

- potentially enables AMSA voice contact via the Austravel HF radio network, fast tracking situation awareness; or
- initiate track and trace via Out-n-About and/or "voice sked" data, indicating a members last known whereabouts and travel activity; which
- may add collaborative information for AMSA in determining a search and rescue action plan.

It will be incumbent on Austravel members, who subscribe to this service, to routinely update their position each day whilst traveling in rural and remote areas for obvious reasons; via the Austravel methods described above.

AMSA 6 Form:- <https://www.amsa.gov.au/forms/406-mhz-distress-beacon-registration-form?page=6>
On-Line Registration Link:- <https://www.beacons.amsa.gov.au/>

(T&C's Apply)

A 406 MHz Personal Locator Beacon (PLB) can summon help if you can't get back to your HF radio to call the Austravel H.E.L.P. (4357) system.

Austravel HELP-PLB may be used to assist AMSA in situation awareness and / or search and rescue planning:-

- Include Austravel contact details when registering your 406 MHz PLB with AMSA
- This may assist AMSA in confirming who you are and last known location.
- Important ! ...log your GPS position often with Austravel when remote area travelling.



Austravel Safety Net
Registered Office
23 Ferguson Ave.
Northgate Qld. 4013
(A not-for-profit club)
Incorporated Assoc.)

For more information:-
Phone:- 07 2101 3456
E-mail:-
secretary@austravelsafetynet.org.





HELP-Sat

What Is HELP-Sat ?

HELP-Sat is Austravel Safety Net's satellite phone "assistance anywhere" pathway. Satellite phone only, or travelling with both HF radio and satellite phone - if you are in trouble, Austravel emergency responders can try to arrange assistance commensurate with your immediate needs.

Sat-phone or HF radio?

Using a HF radio and a sat-phone, or sat-phone only when travelling in rural or remote locations is a personal choice. Generally speaking the major reason rural and remote area travellers use a HF radio or sat-phone, is the ability to communicate with emergency first responders, when involved in an incident or crisis.

HELP anywhere?

Stories abound about sat-phone users who invested heavily in a sat-phone handset and a satellite service provider only to realise they really didn't have all the contact details of the first responder organisations and / or assistance providers when required. That issue becomes amplified when travelling across state boundaries.

Triple Zero?

Triple zero is the recommended life threatening emergency call number when using a sat-phone. However triple zero operators may struggle with your location information and requirements.

Understand that the original triple zero service was designed for phone boxes in the 1970's to enable response to accidents and not satellite communications. Have your GPS coordinates available if possible.

HELP-Sat subscription?

By subscribing to Austravel's **HELP-Sat**, with social membership the same "community" based support network provided to Austravel full members using a HF radio, is provided to **HELP-Sat** subscriber's when using a sat-phone. **HELP-Sat** subscribers also gain member access to Austravel's Out-n-About phone app.

Subscribers need to be aware that all sat-phone calls made to Austravel Safety Net are charged by their sat-phone service provider at normal call rates.

Austravel emergency responders will not call back to a sat-phone, it will be up to the subscribers to call back to obtain the requested information.

Need to know more? please call or e-mail so we can discuss your HF radio needs as it relates to Austravels' H.E.L.P. and Telcall+ systems.

(T&C's Apply)

Emergency calls to Austravel emergency responders via satphone..... same level of service and responsiveness as HF radio users.

Austravel HELPSat services can be used for:

- Incident & Emergency calls.
- Safety Logging
- Information calls (road weather reports etc.)

The most affordable and reliable satphone help and assistance system is now available through Austravel Safety Net Inc.



Austravel Safety Net Inc.
Registered Office
23 Ferguson Ave.
Northgate Qld. 4013
(A not-for-profit club)
Incorporated Assoc.)

For more information:-
Phone:- 07 2101 3456
E-mail:-
secretary@austravelsafetynet.org.au





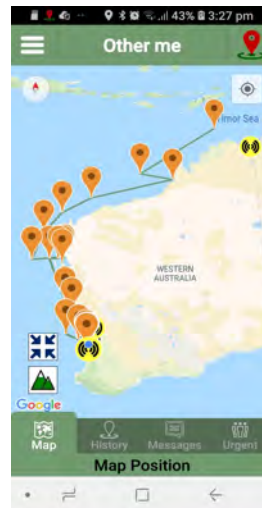
NEW HF MARINE RADIO SERVICE

HF 2-Way Radio.....21st. Century Connectivity!

Australia and its pristine coastline in particular, has a great many wonderful places to visit where many anchorages and sea routes to get there are often well outside mobile phone coverage.

Introducing Austravel Safety Net Inc. - with a suitable HF radio on your vessel and the Austravel HF network:-

- Free direct dial interconnect phone calls over the Austravel Safety Net HF radio network.
- SMS to any mobile phone in Australia.
- Mark GPS position on a map.
- Send an emergency call including GPS location.
- Chat with other vessels/vehicles.
- Friends and family can follow your travels and return text messages to your vessel with our own Out-n-About phone/tablet app.
- No radio operator proficiency examination required. Any crew member can use the HF.



The modern HF radio offers sailors many advantages but sometimes the formalities and associated costs with a marine radio service can be prohibitive.

With membership in Austravel Safety Net you automatically become licensed to transmit and a valued member of the club's HF radio community. You can take comfort in the knowledge that your whereabouts, by integrated GPS coordinate transmission and general communications, provide a virtual security blanket for remote area travellers.

High Frequency (HF) long-range radios on the Austravel Safety Net are capable of accessing an extensive Australia-wide base network, enabling general communications and telephone interconnect, within Australian waters, day and night from locations where a mobile phone will not work.

Telcall+ and the Out-n-About phone/tablet app provides family and friends with a map display of your sailing location, no matter where you are around Australia. No need to contact them every day to say you are OK but you can via phone or SMS if you wish.

(T&C's Apply)

Emergency calls..... no one wants to be in a situation where you need help in a hurry.

Austravel's H.E.L.P. (4357) is possibly the single most important feature of the Telcall+ system available from Austravel Safety Net.

A single red button press on suitable HF radio brands and models sends your HELP request with GPS position and can be used for general help or life threatening emergencies. *(to be used as an adjunct to existing marine emergency/distress systems, and is not a replacement)*

How much is your safety and peace-of-mind worth?

Austravel Safety Net Inc.
A not for profit network!
(Incorporated Association)

Registered Office:
23 Ferguson Ave.
Northgate Qld. 4013

For more information:-
Phone: (07) 2101 3456
Mobile: 0427 983 329
E: membership@austravel-safetynet.org.au

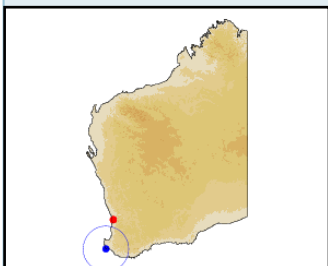




So how did we end up with Jeanne as a member and how did the Austravel group assist her during her brief visit through Australian waters?



It was a comment she made on the radio about her failing sat phone and email systems



Cape Leeuwin W.A.

Hi there to all our long-time members and welcome to all our new members, my name is Colin Ingham (6355) from Perth. I am one of the many Volunteer Austravel H.E.L.P. (4357) Emergency Radio Responders, I am also a standby Sked Operator and will often be assisting members with their radios and other technical issues. As you know the Austravel Safety Net group is made up of members from all over Australia for the purpose of assisting those in trouble wherever they might be, until recently these members have been land-based only.

I say recently because in the last 6 months we have been able to assess our capabilities of how might be able to provide similar services for marine travellers, either as residents of Australia or international visitors passing through Australian waters. It has been a concept the club has been looking at for a while, but without any runs on the board it has been a hard sell to a very limited group.

So as it happened, we recently had an international sailor in the great southern ocean with a whole range of technical issues that we were able to help with, let me introduce to you Jeanne Socrates, Austravel Selcall number 7245, she joined our club back in May as she sailed through Australian waters on her way around her world solo non-stop and unassisted attempt. Jeanne is 76 years old and already holds the record for the oldest woman for completing such a

voyage back in 2013 and now she is determined to become the oldest person to circumnavigate the globe, again non-stop unassisted, and at this point she is less than a month away from achieving that very honour.

So how did we end up with Jeanne as a member and how did the Austravel group assist her during her brief visit through Australian waters? Jeanne has been travelling the world on and off for the past 25 years or so, often spending many months at sea without actually seeing a soul and the only way she remains in contact with the outside world is via HF radio and the Ham Radio community, which numbers hundreds of thousands globally and some of these are also Austravel Safety Net Group members.

It was late March 2019 during an Austravel get together in Yarloop that Kim Rhodes (7880) mentioned Jeanne to me and said that he had spoken to her on her last voyage in 2013 and that he was hoping to speak to her again on the Ham Radio HF bands as she got closer to Australia. This was of great interest to me as I had recently been granted my Ham radio licence and I too was hoping to be able to contact her.

My first contact with Jeanne was on the 4th April, it was a Thursday morning on the commute to work, there were Ham radio operators all over WA had been talking to her from their big radios,

putting out big power on their big antennas and then I finally heard my call sign come back to me in the car a very low signal through the distant static. It was a very brief encounter, I was flustered and nervous, I forgot all the things I was planning to say if I ever got the chance to speak to her, we swapped 'greetings' and 'good days' and then she was gone. Over the following days and weeks I would continue to make contact with Jeanne as she approached and then eventually passed Cape Leeuwin on the 13th April, by which time she knew who I was when I came up on the radio and we could have some extended chats. It was a comment she made on the radio about her failing sat phone and email systems that prompted me to drop her a line through the HF email system to see if there was anything that I could do to assist her, as I am quite familiar with satellite communications and email systems. Her reply was quite prompt and she was very grateful for the offer, it was at that point that we would find free time on the radio bands to work on the intermittent failures of her satellite communications.

Over the next months it became increasingly difficult to get uninterrupted airtime with Jeanne while trying to resolve a whole range of issues that kept popping up, mostly with the satellite system that provided her with not just phone services but limited internet for weather reports. (continued next page)

a "knockdown" occurs when a sail boat lays over far enough to put the mast in or beneath the water. This usually happens when the boat is caught abeam by a large wave, which is a condition to avoid if at all possible.



HF radio communication to the boat became instantly more reliable, being able to contact her via the various Austravel bases and more importantly she could make contact via the skeds when she had issues that required some technical assistance.

It was when she entered Australian waters that I discussed with Kim (7880) about making Jeanne a member of our group as it was becoming more and more difficult to contact her on the limited Ham Radio Bands, and so it was that Jeanne Socrates was one of our first Maritime members (*we had to point out to Jeanne the Austravel radio channels were only available while she was within the Australian territories*)

HF radio communication to the boat became instantly more reliable, being able to contact her via the various Austravel bases and more importantly she could make contact via the skeds when she had issues that required some technical assistance. There were several occasions when I received a call from a sked operator asking me to a call Jeanne via one of our east coast bases.

Over time I managed to put in place various tools and pieces of software that would allow me and others to keep a closer eye on her, and it got to the point where I would know the satellite system had gone down before she did. It was these tools that we had put in place that identified what we considered a life-threatening situation which prompted a call to AMSA, the Australian Maritime Safety Authority in Canberra. Jeanne, now well outside Australian waters and as such, was not contactable via the Austravel Network, had been knocked down by a large wave.

A lot of the systems went down on the boat and showed up as irregularities on our monitoring's and so we made the call to AMSA who in-turn got straight onto their New Zealand counter parts (Maritime New Zealand) as Jeanne was well inside New Zealand water by then and they confirmed that Jeanne had indeed nearly capsized. By the time we made our call Jeanne had already called Maritime New Zealand to let them know of her situation. They would continue to monitor her and were ready to make the rescue if she required.

Without access to the Austravel HF Radio Network we were still able to provide limited support via Ham Bands and the satellite phone which she managed to get operational again. The next month or so was a challenge for her,

A couple of months have passed since then, these days the systems on the boat are quite stable and we continue to provide limited maritime traffic and weather reports via email and satellite phone. She will be passing Hawaii in the first week of August then celebrating her 77th birthday with the aim of being back in Vancouver completing her attempt by the end first week of September.

It has been a great experience for the people involved with helping Jeanne, along with the members that caught up with her on the skeds. Jeanne is very keen to come to back to Australia and circumnavigate it via motorhome, which I have indicated to her that we would have a number of club members that would



trying to continue around the bottom end of New Zealand in near freezing temperatures in a boat that had been severely battered, solar panel gone, wind generator blades damaged and water throughout the cabin.

love to assist her in these endeavours.

I feel most Austravel members know and understand the basics behind Austravel's H.E.L.P. (4357) emergency call system.

Simply stated :-

- There is just **one selcall** number to remember and use.....4357
- All Austravel bases are listening, more than one base in the Austravel network may hear the 4357 selcall.
- More than one base may reply.
- More than one base may summon the Austravel emergency team by dispatching several emergency SMS's.
- More than one Austravel emergency responder may activate themselves to attend to the emergency response required.

Therefore what Austravel offer is a simple method of summoning urgent assistance, but once the HELP system is activated from your HF radio, there is a wide range of technology, in the background, working to make sure that your emergency situation is managed.



BARRETT 550

The **red button** emergency call system is a great tool; as it's a simple "one button" push to activate a chain call where four or five channels are sending out a 4357 selcall or GPS position call from your radio, one channel at a time, completes the task, then quickly goes back to scan.

But what happens if a member's HF radio :

- Has not yet had the red button system profiled yet ?
- Or has a red button but the HF radio brand/model (older model HF radios) doesn't support being modified to chain call ?

The integrity of the H.E.L.P. (4357) call system remains the same with radios without red button activation. However there are a few more steps to consider.



CODAN 8525 / 8528

With these radios, members need to establish the best base and channel prior to sending a H.E.L.P. (4357) selcall.

Two call types to consider sending to 4357: -

- 1 send **GPS data** (if so equipped) or
- 2 send a **Selcall** (typical)

- Beacon call a base (e.g. 6199 Perth) ▼
- do not use 4357 to beacon call
- establish best channel ▼
- establish best base ▼
- now send GPS call or selcall to 4357 ▼
- listen for the base response ▼
- the base will try and send a reply message
- most older radios cannot receive messages
- so listen for the base revertive followed by
- the FSK noise-attempted reply message

Remember.....although you targeted one base with your beacon call, more than one base may positively respond (i.e. *you hear more than one base revertive response*) when you send your 4357 selcall.

Once you have sent a successful 4357 selcall: -

- stay on **that** channel
- do not scan
- wait for voice call from an Austravel responder which may take a few minutes.

Please remember that the H.E.L.P. (4357) system is not restricted to medical emergency incidents. It's a service that covers a wide range of situations from roadside assist to out back road closure enquiries for travelling members etc.

Use it wisely!

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COOYAR MUSTER REPORT (from Geoff Peck 0951)

The Cooyar Muster organised for May 17th >19th went off really well with 35 members attending.

What was largely a social weekend, with pig on the spit and some entertainment provided by the Cooyar Hotel... everybody commented how good the venue was for camping and dining, just far enough out of the "big smoke" and close enough to make the venue easy to get to. Having said that we had members from interstate (South & North Coast NSW) and others from Townsville and Chinchilla.....I found it great to catch up!



We also welcomed a prospective member who came along to learn more about HF radio, and yet another visitor who joined up before the weekend closed.

Some technical work on members radios was undertaken with a special thanks to Ian Parkin (0116) for sorting out a new members new Barrett 4050 who had issues connecting to the Austravel network due to the profile not being quite right.

Thanks everybody for coming and big thanks to the helpers (*names withheld under witness protection!*) (regards Geoff & Christine 0951)



Photo top right: Peter and Julie Callinan (5641) enjoying a "tippie" with Christine (0951) listening intently.

Photo bottom left: Ken (9618) Ian (0116) and Bob (1750) hard at work on the Friday night sausage sizzle.



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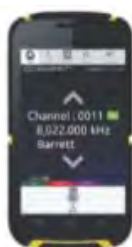
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The Barrett 4050 D handset app supports iOS, Android and Windows devices for wireless voice and radio control.

4050 D

You might say it's a lot of ROT but there are many rules of thumb relating to HF radio that can be used to simplify remembering techniques, practices and safety that will improve the operational result of your HF and other radios. The English phrase **rule of thumb** refers to a principle with broad application that is not intended to be strictly accurate or reliable for every situation. It refers to an easily learned and easily applied procedure or standard, usually based on practical experience, rather than theory.

This usage of the phrase can be traced back to the seventeenth century and has been associated with various trades where quantities were measured by comparison to the width or length of a thumb.

Anyway we thought we would start a ROT segment in the Channel Chatter magazine for members.

Rule of Thumb ROT 1. (For your safety)

If you can touch your antenna with your thumb, you are too close!"

Explanation:-

Some years ago I was on a 'Radiation Workers' course with Telstra. We calibrated a Rayham, (device to accurately measure radiation) and assessed such things as a microwave door, a computer monitor screen, and a mobile phone for radiation emissions.

We were looking for $1\text{mW}/\text{mm}^2$ and $2\text{mW}/\text{mm}^2$ radiation densities. These are the Telstra limits of radiation exposure for 'non-occupational' and occupational' radiation levels. The difference is that 'Occupational' exposure applies to radiation trained workers who are trained to detect the ill-effects of radiation exposure such as heated earlobes, dry eyeballs, warm fingers, etc., whereas 'Non-occupational exposure applies to the general public.

So for the general public, $1\text{mW}/\text{mm}^2$ or $1\text{W}/\text{m}^2$ is the exposure limit set by Telstra, and also accepted by the ACMA I believe, as the safe level of RF radiation exposure for the general public. By the way, these figures were adopted by Telstra after significantly reducing the recommended ITU levels.

So, on this training day, I went over to my company Landcruiser and put the Codan on selcall and sought the place on the bonnet where I could detect a $1\text{mW}/\text{mm}^2$ RF signal - that is a level which is safe for the general public. I found it easily, at about the bottom of the windscreen, a little more than 1m from the tapped whip antenna mounted on the roof bar.

Given that these days with ALE, beacons, get GPS etc, a vehicle's HF antenna may be activated into transmit mode without any warning, and without anyone at the transceiver controls, a new level of RF awareness needs to be considered when standing near to a mobile HF whip.

As a metre is close to the distance from our face to the extended fingertip, I offer this 'rule of thumb'.

"If you can touch your antenna with your thumb, you are too close!"

Allen Lawrence (4453) VK6XL
allen@res.net.au
Radio & Electronics School.



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Chris Carrol	1162	NSW
Damian Benedicic	0413	NSW
Jeff Kotis & Angela Reyes	1435	NSW
Russell Ashdown	4333	NSW
Nuri Chorvat	5380	NSW
Barry & Margaret Fetterplace	3153	NSW
Ray Roberts & Annette Walsh	1446	NSW
Trent Hall	1429	NSW
Tony Vickers	1355	NSW
David Warren	2561	NSW
Shane Arthur	1010	NSW
Scott Bell	1863	QLD
Lim Dunkley	4817	QLD
Redcliffe & Districts Radio	4019	QLD
Kate Fraser	7171	QLD
Greg Tudor	4661	SA
Chad Wadmore & Keren Jones	7871	SA
Tommy Tonkin	2403	SA
Aaron Parkyn	5341	SA
Shane McInnes	1437	VIC
Pasquale Martino	3060	VIC

Michael & Sharan Andrewartha	3082	VIC
Tom Clarke	0429	VIC
Ray Horton & Liz Reams	0949	VIC
Michael Pope & Emma Trace	6008	WA
Bob Daines	1499	WA
Douglas Brown	1950	WA
Jesse Quarrington	2849	WA
Brendon Sweet	2349	WA
Anthony Mancini	0780	WA
Roy Mellon	0209	WA
Maarten Plug	2212	WA
Geoff Whitby	1732	WA
William Blackshaw	6147	WA
Andrew Roberts	5716	WA
Glenn Bathols	9665	WA
Ross Ingham	6442	WA
Greg & Pauline Jones	0321	WA
Ron Bywaters	5583	WA
Bev Ingham	0957	WA
Joe Puglia	8033	WA
Mick Bourke	5948	WA
Chris Richards	6864	WA



Out and About 4 x 4 Club

4 Wheel Driving, Camping, Social events, Meetings

For all enquiries or membership questions,

Email president@outandabout4x4club.org.au

Or secretary@outandabout4x4club.org.au

Come to our next meeting: Tuesday November 20, 7:15pm

Beechboro Scout Hall, Lot 17 Lord St, Caversham 6055 WA.

Find us on Facebook

Out and About 4x4 Club Inc



<http://www.outandabout4x4club.org.au/>



Four Wheel Drive Western Australia
(WA 4WD Association INC.)

I have had a new 4050 transceiver on loan from Barrett Communications for some months. I have been learning how to profile it as I have access to the programming software and have been doing exhaustive testing as to its specific features and performance. In particular, testing the interface to Austravel Safety Network Telcall+ features.

For example....

- it will operate on 12 or 24 volts DC directly. (No converters needed).
- Full remote control from your phone, PC or tablet allows the radio to be in the car and operate it from the caravan or camp fire. (included in package)
- Or if you like, it can have two detachable control heads attached. (If that makes sense, but the additional head would be an extra)
- GPS option is included free. GPS receiver is built into the 911 auto tune antenna.
- Large touch screen for fat fingers provides easy operation with easy reading of text messages featuring large fonts.



- Large touch screen for fat fingers provides easy operation with easy reading of text messages featuring large fonts.
- Easy entry of "Page Call" (SMS) messages written directly on the touch screen alpha numeric keypad on the radio or your remote device. Very easy to send an SMS to someone's mobile phone or Mail Box from anywhere in Australia.

- DSP noise reduction is settable at different levels and is extremely good.

- Operation of the 4050 has the feel of a smart phone. I know that may not be appealing for some of us grey nomads, but it

does make the radio really simple and easy to use.

The radio is manufactured to a high standard and there are many advanced options available for this radio. For example, digital speech, ALE signalling, frequency hopping and more. These are high end commercial or military requirements and they are not included in what you require in Australia for the Austravel Safety Network. Hence you are not paying for them at the Austravel level. In my opinion, for anyone thinking of moving to a more modern radio, this new Barrett 4050 represents very good value for money.

-
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Members Market



**SEE NEXT PAGE FOR CODAN SPECIALS
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NEW COMMITTEE MEMBERS SOUGHT!

Just a reminder to Austravel members who hold full membership within the club that the AGM is due in late September where all seven management committee positions are declared vacant.

Do you have good computer skills and a willingness to see this club prosper ? All financial "full members" are eligible to stand for a committee position within Austravel Safety Net Inc. Nominations will be called for soon in a formal manner (by email and SMS).....but think about what you may offer the club now, and nominate within the timelines that will be detailed soon.

Current Committee Positions

1. President
2. Vice President
3. Secretary
4. Treasurer
5. Membership
6. Ordinary Committee Member #1
7. Ordinary Committee Member #2



DID YOU KNOW ?

That your Telcall+ subscription allows :-

- 16 x 6 minute interconnect phone calls per month
- 50 SMS messages per month
- Unlimited MAIL BOX messages per month
- Unlimited GPS position logs per month

These amounts are considered "fair use" and fair value for your \$30 Telcall+ annual subscription.



Do you have any social media items to share with fellow Austravel members?




Need help or guidance, or wish to submit something?..... Pim Domen (7255) is our Social Media officer.

Email Pim: -
socialmedia@austravel.org.au



18 July 2019

Codan / HF equipment for sale

Item	Description	Image	Price (AUD)
MCQ-ENVOY-X2-DV-3040	Codan Envoy X2 Mobile Package, Incl... - Digital Voice module, 2210 (Int Fit) - Upgrade, 1200bps DV, 2210/2110 - FED-STD-1045 ALE/CALM, 2210 - GPS Enable (no receiver) - Vehicle Installation Kit - Antenna, 3040 Standard Package		\$3395
MCQ-ENVOY-X2-DV-TCVR	Codan Envoy X2 Base/Transceiver Package, Incl... - Digital Voice module, 2210 (Int Fit) - Upgrade, 1200bps DV, 2210/2110 - FED-STD-1045 ALE/CALM, 2210 - GPS Enable (no receiver)		\$2750
15-10518	Codan Envoy Option Amateur Mode (Licence required)	-	\$111
MCQ-NX2215	Envoy Auto Ignition On / Remote On Kit	-	\$140
MCQ-ANT-3040-STD	Codan 3040 Standard Package, Incl... - 3040 Main Assembly - Coax Cable (RG58) with UHF Connectors, 6m - Cable, 9350 to NGT Control, 6m - 3040 Spring - Riser, Fibreglass - 3040 Stainless Steel Whip - 3-040 Fibreglass Whip, 1.6 m		\$1090

Important notes and conditions...

- Prices do not include GST;
- Prices do not include Freight / Transit Insurance;
- Warranty is 12 months from date of Invoice. Warranty is on a 'Return to MCQ' basis.
- All Envoy's and 3040's are unused and (where possible) in original Codan packaging;
- All products are tested and shipped with latest firmware / build standard (3040's available AUG-19);
- Some items are in limited supply



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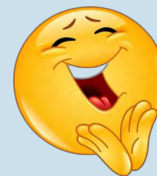
Historical Introduction to the Canning Stock Route

Gold was discovered at Halls Creek in 1885 starting an influx of thousands of people to the Kimberley through Wyndham, Derby and Broome. Rich gold was discovered at Coolgardie in 1892 enticing thousands to move south. Meat became scarce in the southern goldfields because cattle from East Kimberley were banned from the normal coastal stock routes and shipping movements in an effort to stop the spread of cattle tick. Tick were introduced with Zebu cattle imported to Australia in 1872. Its effect was devastating, causing fever and death. Even the pitted hides could not be sold. To reduce fever, cattle walked into water holes, turning them red with blood-stained urine. This disease was called Red Water Fever.

Politician and former cattleman, James Isadell, put the case from East Kimberley cattlemen for a stock route to the southern goldfields to parliament. Cattlemen knew that tick would not survive the heat and dryness of a desert crossing and could see that a stock route would allow them to again run viable properties. Government Surveyor, Alfred Canning, was appointed to carry out the initial survey of a proposed route. His second-in-command, Hubert Trotman, was an experienced bushman having spent several years with Canning surveying the rabbit-proof fence in the desert areas of Western Australia.

Stores for the well sinking expedition consisted of more than 100 tonnes of food and equipment, loaded onto four wagons and 70 camels. The wagons travelled to Goodwin Soak, about one quarter of the way to Well 51. More than 250 goats were bought to supply fresh meat for the team of 30. The men were divided into three groups; one put down bores to provide water, the two following teams dug the well around the bore casing, removing it for use on the next wells. It took about eight days to complete a well. This included cutting bush timber for all the woodwork and fencing, assembly of the iron stays, handles, buckets, whip poles and troughing. It took 14 months to finish 31 wells and reach Halls Creek. The group arrived back at Wiluna in April 1910 after completing a further 20 wells. Canning's wells were identical except for their depth. This assembly line concept assured the most efficient use of manpower in construction and also in the prefabrication of steelwork and loading of freight. It was also of benefit to drovers who knew their quick and efficient methods of watering stock would work on all wells. Drovers carried a canvas bag, some holding as much as 200 litres of water. This they attached to a steel cable running through pulleys to a horse or camel. With one man walking the camel and the other emptying the water bag, a large amount of water could be raised.

Drovers called this 'whipping'. After World War Two, engine driven pumps were used by drovers from Billiluna Station. Mobs of cattle on the track consisted of about 500 beasts each drinking about 50 litres a day.



THATS FUNNY!

Three Aussie blokes working up on an outback mobile phone tower: Bruce, Coot and Bluey.

As they start their descent, Coot slips, falls off the tower and is killed instantly.

As the ambulance takes the body away, Bluey says, "Well, someone's gotta go and tell Coot's wife".

Bruce says, "OK, I'm pretty good at that sensitive stuff, I'll do it."

Two hours later, he comes back carrying a case of beer.

Bluey says, "Where'd you get the beer, Bruce?"

"Coot's wife gave it to me," Bruce replies.

"That's unbelievable, you told the Missus her husband was dead and she gave you a case of beer?"

"Well, not exactly," Bruce says. "When she answered the door, I said to her, 'You must be Coot's widow.' She said, 'You must be mistaken. I'm not a widow.' Then I said, 'I'll betcha a case of beer you are.'"

Aussies are good at handling the sensitive stuff.

AUSTRAL SAFETY NET Inc.

HF Radio Allied Traders List

Connecting Austravel Members To HF Radio Sales / Service Providers'
(Last update April 2018)



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D.L. Communications	Codan, Barrett dlcerv@hotmail.com	Merimbula NSW 0418 280 270
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Fettell Communications	Barrett www.fettell.com.au	Port Macquarie NSW 02 658 11341
Action Communications	Icom www.actioncommunications.net.au	Kingswood NSW 1800 802 948
Karera Communications	Icom www.karera.com / sales@karera.com	Tuggerah NSW 02 4355 1599
Phoenix HF Communications	Servicing most brands of HF	Kareela NSW 02 9544 6355
Independent Communications	Servicing most brands of HF radios www.independentcommunications.com.au	Tamworth NSW 02 6765 7555
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Comspec (NT) P/L	Codan, Barrett www.comspec.com.au / sales@comspec.com.au	Alice Springs NT 08 8953 1903
Combined Comms Solutions	Barrett www.combinedcom.com.au / info@combinedcom.com.au	Darwin NT 08 8941 0644
ITS Communications	Codan, also servicing most brands of HF radios info @itscomm.com.au	Winnellie NT 08 8984 4855
Territory Comms Services	Codan, Barrett, Scout tcs@territorycomms.com.au	Tennant Creek NT 0418 814 978
hfradiosales.com On-Line Store	Codan, Barrett Sales Service (incl. Qmac) and spare parts. www.hfradio.com.au / email: sales@hfradio.com.au	Brisbane Qld. 0408 345 208
Mobile Communications	Codan, Icom www.mobilecomms.com.au	Brisbane Qld. 07 3373 2345
RF Technologies	Servicing most brands of HF radios www.rftech.com.au / maxr@rftech.com.au	Brisbane Qld. 07 3279 7177
Kyle Communications	Codan, Barrett, Icom www.kyle.com.au / kylecomms@specsafe.com.au	Burpengary Qld. 07 3888 7899
Miles Electronics	Codan, Barrett www.mileselectronics.com.au / john@mileselect.com.au	Cairns Qld. 07 4035 1133
Reids Radiodata	Codan reidsradiodata@bigpond.com	Cowra NSW 02 6341 1544

AUSTRAL SAFETY NET Inc.

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Goondiwindi Communications	Codan www.goondiwindicommunications.com.au sales@goondiwindicommunications.com.au	Goondiwindi Qld 07 4671 3641
Linemaster Marine Electronics	Barrett www.linemaster.com.au / sales@linemaster.com.au	Maroochydore Qld. 07 5479 6851
TCQ Communications	Codan, Barrett accounts@tcq.net.au	Mount Isa Qld. 07 4743 4388
Capricorn Communications	Codan, Icom www.capcom.com.au / sales@capcom.com.au	Nth. Rockhampton Qld. 07 4926 1172
Beaney's Communications	Barrett, Icom www.beaneys.com.au	Rockhampton 07 4927 5049
Advance Communications	Codan, Barrett sales@advancecomms.com.au (mobile 0418 987 356)	Roma 07 4592 1111
Comptel P/L	Codan www.comtel.com.au / enquiries@comptel.com.au	Toowoomba Qld. 07 4639 8999
Navcom Electronics P/L	Barrett navcomadmin@bigpond.com	Townsville Qld. 07 4771 2422
Norcomm P/L	Codan, + servicing of most brands of HF radios www.norcomm.com.au / sales@norcomm.com.au	Townsville Qld. 0408 722 833
Digital Radio Solutions	Codan, with service to most makes of HF www.marktek.com.au / contact@marktek.com.au	Adelaide S.A. 0418 845 518
Electric Bug	Codan, Icom, Barrett www.electricbug.com.au / sales@electricbug.com.au	Adelaide S.A. 08 8346 9234
International Comms. Systems	Codan, Barrett, Icom, Wagner, Hawk www.intcomsys.com.au / intcomm@intermode.on.net	Port Adelaide S.A. 08 8447 3688
Marktek Installations	Codan, servicing most brands of HF www.marktek.com.au / mark@marktek.com.au	Adelaide S.A. 08 8250 2888
Northern Communications	Service of all brands of HF radios phil.48@bigpond.com	Gawler S.A. 08 8522 6081
HF Radio Solutions	Codan & Codan Auto Tune Repair www.hfradiosolutions.com.au / ivan@hfradiosolutions.com.au	Renmark S.A. 0428 882 719
Desmond Communications	Codan, Barrett, Icom desmondcomms@dodo.com.au	Howrah Tas. 03 6228 1331
Marcom Watson	Codan, Barrett, Icom, www.marcomwatson.com.au / info@marcomwatson.com.au	Launceston Tas. 1800 630 611
Weeks Radio Communications	Codan sales@weeksradio.com	Alexandra Vic. 03 5772 1292
Bairnsdale Communications	Codan, Icom sales@bcomms.com.au	Bairnsdale Vic. 03 5152 4622
Lara Electronics	Codan & Codan Auto Tune Repair www.laraelectronics.com.au / sales@laraelectronics.com.au	Geelong Vic. 0418 599 355
Bushcomm Online Store	Buschcomm Antennas, Multi Tap Antennas, 2nd. Hand HF www.bushcomm-online.com / sales@bushcomm-online.com	Melbourne Vic. 03 9017 6777
Angus Communications	Codan, Barrett hofmann126.ph@gmail.com	Shepparton Vic. 03 5821 9155

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South Eastern Communications	Sales & service of most brands of HF radios. www.secomms.com.au	Rosebud Vic. 0434 720 006
AA Radio Services	Codan, Icom, + service of most brands of HF radios. www.aaradio.com.au / sales@aaradio.com.au	Vermont Vic. 03 9264 8333
Earth 2 Ocean Communications	Barrett, Codan, Icom sales and service www.earth2ocean.com.au / sales@earth2ocean.com.au	Bunbury W.A. 08 9721 1730
Esperance Communications	Barrett, Icom + servicing of most brands of HF radios www.esperancecomms.com.au / service@esperancecomms.com.au	Esperance W.A. 08 9071 3344
ACS Communications	Codan, Icom www.acs-marcomm.com / faith@acs-marcom.com	Perth W.A. 08 9277 4655
Allcom Communications	Codan, Icom www.allcom.com.au / allcom@allcom.com.au	Perth W.A. 08 9479 4997
Barrett Communications	Barrett www.barrettcommunications.com.au / information@barrettcommunications.com.au	Perth W.A. 08 9434 1700
Mobile Masters	Barrett (sales no service) www.mobilemasters.com.au / mail@mobilemasters.com.au	Perth W.A. 08 9492 1777
Transair Two Way Radio	Codan, Icom www.transair.com.au / transair@transair.com.au	Perth W.A. 08 9209 2225
RF Waves Australia	Codan, GME, Motorola HF VHF Repair & Service www.rfwaves.com.au / email: cpg@rfwaves.com.au	Hammersley W.A. 08 934 271 161

Austravel Safety Net Inc. Members please note.....The purpose of this list of "Allied Traders" is to offer a ready reference which may provide you with a source of sales and/ or service assistance when travelling away or near your home location.

Please provide feed back to the "Channel Chatter" newsletter editor if you find information contained misleading or incorrect.

Allied Traders...please review your listing and advise the "Channel Chatter" newsletter editor of any listing detail that is incorrect or requires review. Additionally, if you wish to be removed from our Allied Trader e-mail contact list, please advise.

(editor contact details contained on page one)