



VOLUNTEER MARINE RESCUE WESTERN AUSTRALIA



Marine VHF Repeater Locations— Western Australia

Please Note:

- The **primary purpose** of Marine VHF Repeaters is Ship to Coast Station correspondence. i.e., a Marine Rescue Base Station. This allows contact with the shore over a longer distance than line-of-sight Simplex communications. For this reason, Marine Rescue stations use repeater channels for Calling (Log On/Off) and vessel movements. This saves from having to switch from the Calling Channel (16) to a Working Frequency and cuts down congestion on 16, especially in busy Port areas.
- A second important function of a repeater station is for distress, urgency, and safety communications* when contact is not possible on Channel 16.
ⓘ For distress, urgency, and safety communications, always attempt initial contact on Channel 16 as it will alert vessels close by.
- **They should not be used for boat to boat chat**, as they are an essential resource for Search and Rescue operations.
- **Not all repeaters are monitored by Marine Rescue Groups**, some are privately owned operated and monitored (in the list below, they are highlighted in **Red**).
- To check if you are in range of a repeater station, go to the repeater channel, check that your transceiver is set to High Power with the volume up, then briefly key the microphone. When the button is released, you should hear a brief “tail” of static and a click. **Most repeaters in WA have a nominal range over the water of 40-60 Nautical Miles (74-111 Km).**

The following chart lists all Marine VHF Repeaters in WA, along with their location (in **Decimal Degrees**) and the nearest Marine Rescue Coast Station:

* **Source:-**

Australian Communications and Media Authority (ACMA)

<https://www.acma.gov.au/vhf-maritime-mobile-band-channel-allocations>

Marine VHF Repeater Locations — Western Australia

Channel 20 – 157.000/161.600 MHz

Call Sign	Latitude	Longitude	Closest Marine Rescue Location	State	Licensee
VZB812	-12.144905	96.819565	Marine Rescue COCOS ISLAND	WA	Department of Fire and Emergency Services of WA

Channel 21 – 157.050/161.650 MHz

Call Sign	Latitude	Longitude	Location	State	Licensee
VZB812	-10.439785	105.674401	Marine Rescue CHRISTMAS ISLAND	WA	Department Of Regional Australia Local Government Arts and Sport
VNW587	-20.580147	116.808306	Woodside Energy Structure Mt Wongama, DAMPIER	WA	Woodside Energy Ltd.
VMR682	-22.10316	113.999633	Marine Rescue EXMOUTH	WA	Exmouth Volunteer Marine Rescue Group Inc
VMI913	-30.186761	115.198242	Marine Rescue JURIEN	WA	Department of Fire and Emergency Services of WA
VLW263	-32.615525	115.638558	Marine Rescue MANDURAH	WA	Department of Fire and Emergency Services of WA
VLW716	-33.724575	122.751062	Marine Rescue ESPERANCE	WA	Department of Fire and Emergency Services of WA
VLW717	-33.933552	120.133249	Marine Rescue HOPETOUN	WA	Department of Fire and Emergency Services of WA
VMR619	-34.960706	116.739521	Marine Rescue WALPOLE	WA	Walpole Volunteer Marine Rescue Group Inc.

Channel 22 – 157.100/161.700 MHz

Call Sign	Latitude	Longitude	Location	State	Licensee
VZJ610	-17.511877	122.419919	Marine Rescue BROOME	WA	Department of Fire and Emergency Services of WA
VMI211	-20.617747	116.751901	Port Authority Tower Phillip Point, DAMPIER	WA	Pilbara Ports Authority
VMR682	-21.816375	114.166224	Marine Rescue EXMOUTH	WA	Exmouth Volunteer Marine Rescue Group Inc
VKI454	-21.890667	114.047247	Marine Rescue EXMOUTH	WA	Exmouth Volunteer Marine Rescue Group Inc
VMD701	-26.148651	113.161663	Marine Rescue SHARK BAY	WA	Department of Fire and Emergency Services of WA
VZH799	-30.984957	115.385519	Marine Rescue LANCELIN	WA	Department of Fire and Emergency Services of WA
VMI976	-33.794713	121.869759	Marine Rescue ESPERANCE	WA	Department of Fire and Emergency Services of WA

Channel 80 – 157.025/161.625 MHz

Call Sign	Latitude	Longitude	Location	State	Licensee
VZB809	-10.548676	105.651239	Marine Rescue CHRISTMAS ISLAND	ISL	Department Of Fire and Emergency Services Of WA
VZI722	-15.454362	128.123212	Marine Rescue EAST KIMBERLEY	WA	Department Of Fire and Emergency Services Of WA

VKT407	-16.538917	122.91594	Marine Rescue BROOME	WA	Department Of Fire and Emergency Services Of WA
VMI210	-20.617747	116.751901	Marine Rescue DAMPIER	WA	Department Of Fire and Emergency Services Of WA
VMR682	-22.562138	113.721662	Marine Rescue EXMOUTH	WA	Department Of Fire and Emergency Services Of WA
VJI919	-27.592436	114.21857	Marine Rescue KALBARRI	WA	Department Of Fire and Emergency Services Of WA
VLA891	-27.769834	114.148634	Marine Rescue KALBARRI	WA	Department Of Fire and Emergency Services Of WA
VH6FKC	-33.574754	115.02439	Marine Rescue NATURALISTE	WA	Australian Coast Radio Monitors (ACMA pronounced Ackma)
VKI249	-34.441431	119.37209	Marine Rescue BREMER BAY	WA	Bremer Bay Volunteer Marine Rescue Service Inc
VMR619	-34.997137	116.653802	Marine Rescue WALPOLE	WA	Walpole Volunteer Marine Rescue Group Inc.
VMR610	-35.180555	117.88806	Marine Rescue ALBANY	WA	Department Of Fire and Emergency Services Of WA

Channel 81 – 157.075/161.675 MHz

Call Sign	Latitude	Longitude	Location	State	Licensee
VZB810	-10.473695	105.580687	Marine Rescue CHRISTMAS ISLAND	WA	Commonwealth of Australia (DRALGAS)
VZW810	-14.742471	128.295111	Marine Rescue EAST KIMBERLEY	WA	Department of Fire and Emergency Services of WA
VMD311	-15.765081	128.74253	Marine Rescue EAST KIMBERLEY	WA	Department of Fire and Emergency Services of WA
	-16.127792	123.736667	Marine Rescue DERBY	WA	Department of Fire and Emergency Services of WA
VLA212	-17.31302	123.655584	Marine Rescue DERBY	WA	Department of Fire and Emergency Services of WA
VKI446	-20.673718	117.130926	Marine Rescue CAPE LAMBERT	WA	Port Walcott Volunteer Sea Search & Rescue Group Inc
VZZ853	-24.228591	113.4013	Marine Rescue CARNARVON	WA	Department of Fire and Emergency Services of WA
VMI506	-28.71739	113.785918	Marine Rescue GERALDTON (Rat Island, Abrolhos)	WA	Department of Fire and Emergency Services of WA
VZZ522	-31.992863	115.52966	Marine Rescue FREMANTLE (Rottnest Island)	WA	Western Australia Police
VMR610	-34.662324	118.422762	Marine Rescue ALBANY	WA	Department of Fire and Emergency Services of WA
VNI423	-34.838479	116.003828	Marine Rescue WINDY HARBOUR	WA	Department of Fire and Emergency Services of WA

Channel 82 – 157.125/161.725 MHz

Call Sign	Latitude	Longitude	Location	State	Licensee
VLW800	-32.636851	116.018526	Marine Rescue MANDURAH	WA	Department of Fire and Emergency Services of WA
VZZ675	-28.683059	114.677791	Marine Rescue GERALDTON	WA	Department of Fire and Emergency Services of WA
VLA889	-35.024783	117.894701	Marine Rescue ALBANY	WA	Department of Fire and Emergency Services of WA
VZJ420	-34.285849	115.085757	Marine Rescue AUGUSTA	WA	Department of Fire and Emergency Services of WA
VZB811	-10.439785	105.674401	Marine Rescue CHRISTMAS ISLAND	WA	Commonwealth of Australia (DRALGAS)
VMI687	-23.330481	113.827544	Marine Rescue CORAL BAY	WA	Department of Fire and Emergency Services of WA
VNW588	-20.580147	116.808306	Woodside Energy Mt Wongama, DAMPIER	WA	Woodside Energy Ltd.