

Adventist World Radio
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 AWR “Wavescan” – DX Program

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A. Radio Broadcasting in Borneo – Balikpapan Kalimantan

We continue in our onward series of programs here in “Wavescan” that present the story of radio broadcasting on Borneo, the world’s third largest island. On this occasion, we visit Kalimantan, which is the Indonesian area of the island, and in particular, the town of Balikpapan. In fact, there is so much radio information associated with Balikpapan that we will concentrate on this location for this occasion, and then in another forthcoming program, we will visit the other areas of Indonesian Kalimantan on the island of Borneo.

The city of Balikpapan is located on the east coast of Borneo and it is the second largest city in the Indonesian state of Kalimantan Timur, East Kalimantan, with a current population around half a million. Balikpapan has a good natural harbor and a large international airport, and it is a hub for the export of timber and petroleum. However, in its earlier days at the time when radio was wireless, Balikpapan was a small coastal town under the colonial administration of the Dutch East Indies.

Balikpapan’s Oldest Continuous Radio Station

The Dutch authorities at The Hague in their homeland over in Europe began an interest in the usage of wireless very early. They established a Wireless Company in 1916, they installed two spark Morse Code stations on the Dogger Banks in 1917, they made their first wireless broadcast in 1920, they installed their first wireless stations in their East Indies in 1921, and they made the first wireless communication between Holland and their colonial enterprise in Java in 1923.

The first wireless station in the Dutch East Indies territory on Borneo was established in Balikpapan close to ninety years ago, in the year 1921 and its story extends over a lengthy period of time. It was a commercial facility established by the Dutch for Morse Code communication with shipping. This station was installed for the Batavia Petroleum Company and it operated under the Dutch East Indies callsign PKF. The original installation was a simple electrical facility, and as time went by, the mode of operation was upgraded with the implementation of electronic valve or tube equipment.

Somewhere around the year 1936, station YCP made its appearance in Balikpapan as a 3 kW facility on the international communication channel 8575 kHz and we would guess that this was the same station in a new vogue.

As was the custom in those days, many communication stations also entered into a spate of irregular broadcasting as time and circumstances permitted. The available information would suggest that this was also the

case with station YCP in Balikpapan during this pre-war era. Back in the year 1939, there are at least two references to the fact that QSL cards were issued from the colonial radio administration in Bandung on behalf of transmissions from station YCP in Balikpapan. In fact, at this stage, station YCP in Balikpapan was administered from station YBZ in Menado, and it is well established that the Menado station was in use with both communication traffic and program broadcasting. A year later, the callsign of the radio station in Balikpapan was amended from YCP to YCC and the channel in use at this stage became the more familiar 9120 kHz.

With the changing fortunes of war in the Pacific, the Japanese took over the Balikpapan station undamaged on January 24, 1942, and history tells us that the station was used by the Japanese administration as a communication facility for the next two and a half years.

Surprisingly, six months before the coming change of political administration in Balikpapan from the Japanese to the Australians, presumably this radio station was heard in the United States as Radio Borneo on 9120 kHz with a program of music and talks. It would be interesting to learn who made these radio broadcasts at this time, and for what purpose.

Then on July 1, 1945, Australian troops arrived at Balikpapan Harbor on board HMAS Kanimbla, a ship that itself had been a noted radio broadcaster a few years earlier. During its earlier usage as a passenger liner, the Kanimbla was on the air with program broadcasting under the callsign 9MI. A black and white photograph lodged in the government archives in Canberra, Australia, shows the undamaged aerial masts at the Balikpapan station at this stage and the caption states that the station had been in use by the Dutch, the Japanese and the Australians. We might also add, that it was in use again subsequently by the Dutch, and then the Indonesians.

Australian Radio Stations in Balikpapan

As soon as things settled down in Balikpapan, the Australian army personnel got themselves busy in the area of radio broadcasting. They began to make program broadcasts over the camp amplifier system under a pretend radio station callsign TBC, which had the probable meaning, "The Balikpapan Company".

The first actual radio broadcasting station in this sequence was 7KM, which could be understood as a valid callsign for a mediumwave broadcasting station on the island of Tasmania in Australia. This shortwave station was established in August 1945 by the Australian Signal Corp and it operated with just 12 watts in the 7 MHz band. Station 7KM was originally allocated the channel 7880 kHz but it soon moved to 7960 kHz to avoid interference. The transmitter itself was a low power Australian army unit, though the auxiliary equipment was assembled from abandoned Japanese equipment. Broadcasting station 7KM was on the air for three broadcast sessions daily, it was on the air for just 10 weeks, it was heard quite regularly up to 500 miles distant, and it was closed in October when the AAAS station 9AG was inaugurated in Balikpapan.

Next on the radio scene in Balikpapan was the mobile station 9AG. This 200 watt broadcast facility was part of a 21 station network established by AAAS, the Australian Army Amenities Service. Original government announcements in Australia at the end of 1944 and in early 1945 indicated that this particular unit was not allocated to a specific location, but it would be available to move to any desired location in the Pacific/Asian arena. It was stated at the time that each of the seven mobile stations at 200 watts would be built into three army trucks, each truck rated at three ton capacity.

Although several of these mobile mediumwave stations were heard throughout Australia and New Zealand with test broadcasts beginning around mid 1945, there is no tangible evidence that 9AG was heard with any test broadcasts. Perhaps mobile station 9AG did make a series of test broadcasts in Australia and these broadcasts escaped detection by radio monitors? Perhaps 9AG did not make any test broadcasts before it was taken up into the islands? Or perhaps 9AG was taken up to Balikpapan in crates with the intention of installing it into a regular building that was already under construction? Who knows?

Suffice it to say that station 9AG was inaugurated in its own building in Balikpapan in October 1945 and it was on the air as an AAAS entertainment mediumwave station at this location for a period of a little under half a year. The last day of operation for station 9AG as an AAAS station was February 28, 1946. Next day, this station was taken over by the Dutch colonial government in Borneo.

Radio Balikpapan

Now, in assessing the available information, we would suggest that the Dutch colonial authorities took over both of the radio stations in Balikpapan from the Australian army; that is, the mediumwave station 9AG as mentioned earlier, and also the long established shortwave station that utilized generally just the one channel, 9120 or 9125 kHz. The date for this acquisition was March 1, 1946; and it would also be suggested that they activated both units, mediumwave & shortwave, with their programming in Dutch & English on that date. However, due to propagation conditions, it would appear that the mediumwave unit was not heard in Australia nor New Zealand, though the shortwave unit was heard in both the South Pacific and North America. In fact, both the noted Rex Gillett in Adelaide and the equally well known Miss Sanderson in Victoria received QSL letters from this station during this era.

A news report published in the United States declares that Radio Balikpapan shortwave was off the air for about a month, and we would read this as the time interval during which the station was transferred from Balikpapan on the east coast of Borneo to Pontianak on the west coast. When this station returned to the air at its new location, the on-air identification announcement stated: "Radio Balikpapan Pontianak". And we note that the two locations, Balikpapan & Pontianak are more than 500 miles apart. Interestingly, at this stage there were three shortwave transmitters on the air in Pontianak, one of which was listed as 125 watts, the exact power rating of the transmitter at the previous location in Balikpapan.

Now, around the same time as the Dutch authorities took over the mediumwave and shortwave stations from the Australians in Balikpapan, a new shortwave station in Balikpapan appeared on the radio dial. This station also identified on air with a Tasmanian callsign, 7ER. This new shortwave station emitted a mere 8 watts and it began operation on 6980 kHz, though this was soon modified to 7205 kHz to avoid interference. Radio station 7ER utilized Australian army equipment, though plans were announced for the installation of a 100 watt shortwave transmitter abandoned by the Japanese. We would guess that the make shift studio for the broadcast of this programming was in reality the camp amplifier system that was on the air earlier with programming under the callsign 7KM.

Summary

In summary then, there were three different wireless and radio installations in Balikpapan in the earlier days, which were as follows:-

1. Wireless communication station PKF which apparently morphed into YCP which became YCC, and which was in use successively by the Dutch, the Japanese, the Australians, and again the Dutch, and lastly by the Indonesians in two widely different locations as Radio Balikpapan.
2. Camp amplifier radio station TBC which probably served as the makeshift studio for the low power shortwave stations 7KM & 7ER.
3. Australian army mobile station 9AG which was taken over by the Dutch authorities and became Radio Balikpapan.

B. American Radio Stations in Australia – 4QR Brisbane

If you were to check the Radio Heritage website in New Zealand, you would find a very interesting entry regarding the American usage of a radio broadcasting station in Australia. Now, it is a well known fact down under that the New Zealand Broadcasting Service made one of its mediumwave stations available to the American forces for much of the year 1944. This station that was on loan to the American forces as part of the Mosquito Network was 1ZM in Auckland with 1 kW on 1250 kHz. However, it is not so well known that the American forces were granted the usage of a mediumwave radio station on a part time basis in Australia also. This is how it happened.

Back at the beginning of the year 1938, the ABC in Queensland, the Australian Broadcasting Commission, inaugurated a new mediumwave station in the state capital, Brisbane. They already had one station on the air at the time, the thirteen year old 4QG, though this station is now identified under the generic callsign 4RN. The new 1938 station is now known as 4QR, though at the time of its inauguration, it was on the air as 4BR. These Brisbane radio station callsigns all have a meaning, such as:-

4	Identification digit for mediumwave radio stations in Queensland Australia
4QG	Queensland Government
4RN	Radio National
4BR	Brisbane Radio
4QR	Queensland Radio

Anyway, at the turn of events in 1944, radio station 4QR was on the air from the ABC studios in downtown Brisbane that were shared with its sister station 4QG. At the time, 4QG carried the National Service on relay from the ABC headquarters in Sydney, and 4QR carried what was called the Alternative Service, that is locally produced ABC programming. The transmitter for 4QR, rated at 1 kW on 940 kHz, was quite newly installed at the familiar ABC property at Bald Hills, just a few miles north of Brisbane.

Now, in the latter half of the year 1943, station 4QR began the regular rebroadcast of an American program under the generic title, The American Program. These broadcasts were recorded in the United States and sent by air to Australia, though in some cases, the programming came by undersea cable or shortwave radio.

Then, a month or two later, a detachment of American personnel was sent to Brisbane for the specific purpose of preparing radio programs that would appeal to American servicemen on leave in Australia. Brisbane was the chosen location mainly because General MacArthur had established his South Pacific headquarters in the same city. The Australian government made the studios and transmitter facilities of 4QR in Brisbane available part time for the American programming, some of which was broadcast live and some from recordings.

It just so happened that the new ABC shortwave station, 10 kW VLQ, had been installed at the same Bald Hills facility earlier in the same year, and at times this shortwave unit also carried this American programming in parallel with mediumwave 4QR.

Early in the following year, 1944, the American usage of 4QR was brought directly under AFRS, the American Forces Radio Service, and shortly afterwards again, this usage was terminated. Thus, this whole unique project, the American involvement with program production at 4QR and the broadcast of this programming over mediumwave 4QR and shortwave VLQ, lasted no more than half a year.

So what happened to these two transmitters then? The original 1 kW mediumwave transmitter in use with 4QR at this time was relegated in 1948 to emergency usage only when a 10 kW STC transmitter was installed, and it was finally withdrawn from service completely in 1960 when a 50 kW transmitter was installed. As far as the shortwave VLQ is concerned, the original 10 kW unit was finally withdrawn from service in 1988. I guess both units were just simply scrapped.

As far as can be discerned, there are no known QSLs from 4QR nor VLQ for the American part time era that stretched from late 1943 into early 1944.

Dr. Adrian M. Peterson,
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Adventist World Radio.

1. Radio Broadcasting in Borneo – Kalimantan Balikpapan

Chronological Summary

Year	Date	Location	Event	Reference
1921		Balikpapan	PKF Batavia Petroleum Co	YBWT&T 82.7 544
1936		Balikpapan	YCP 8575 kHz 3kW, address c/- YBZ Manado	RST-TK 02.166 94
1940		Balikpapan	YCP callsign changed to YCC, 9125 kHz	IDXA-TGC 2-40 5
1942	Jan 23	Balikpapan	Japanese landing hindered by American naval bombardment	Google search
1944	Dec	Borneo	Music & talks heard in USA on 9120 kHz	NNRC 1-45 12
1945	Jul 1	Balikpapan	Allied troops (including Australian) land at Balikpapan	brainy
1945	Aug	Balikpapan	7KM 12 watts, allocated 7880 kHz, Australian Signal Corp	R&H 79.13 1-46 35
1945	Aug 31	Balikpapan	Photo radio station masts, used by Dutch, Japanese & Australians	cas.awm.gov
1945	Aug 31	Balikpapan	Now in use by 7 th Division Signals	cas.awm.gov
1945	Sep 7	Balikpapan	2 photos station TBC, wired radio station camp amplifier system	cas.awm.gov.au
1945	Sep 8	Balikpapan	Formal of Japanese forces in Balikpapan	Google search
1945		Australia	Specific location for 9AG not yet decided	LI 79.24 22-9-45
1945	Sep	Balikpapan	9AG 200w 1240 kHz under installation	NZDXRATI 29-9-45
1945		Balikpapan	9AG 960 kHz took over from Army station	LI 79.24 8-12-45
1945	Dec 7	Balikpapan	2 photos 9AG building and 2 aerial masts 90 ft high	cas.awm.gov.au
1945		Balikpapan	7ER 8 watts 7205 kHz, army equipment Artillery Regiment	R&H 77.10 2-46 34
1945		Balikpapan	7ER soon new transmitter Japanese 100 w at 50 w	R&H 77.10 2-46 34
1946	Jan	Balikpapan	Camp amplifier run by Gunner G. Fletcher	R&H 77.10 2-46 34
1946	Feb 28	Balikpapan	Last day of operation as 9AG	84.2671 & RN 9-46 128
1946	Mar 1	Balikpapan	SW station began service Mar 1, 9AG equipment	84.2671 & RN 9-46 127
1946	Mar 1	Balikpapan	Began broadcasting as Radio Balikpapan, Dutch authorities	RN 9-46 128
1946	Aug	Balikpapan	Radio Balikpapan not heard in recent time (moving Pontianak?)	RN 9-46 128
1946	Sep	Balikpapan	Heard as phone station on 7460 & 7960 kHz	RN 10-46 136
1946	Sep	Pontianak	Returned to air, 9125 kHz after off for 1 month	RN 10-46 135
1947		Pontianak	ID Radio Balikpapan Pontianak, on 5480 & 6650 & 8090 kHz	WRHB
1947		Pontianak	Radio Balikpapan 3 transmitters 125 watt transferred from Balikpapan?	WRHB
1947	Mar	Balikpapan	New YDZ Collins 401B 400 w on 7200 Mar & Apr for tests	biakqsl2
1947	Aug	Balikpapan	Call YDZ, Jungle Network, 4800 kHz till Aug 1948	biakqsl2
1949		Pontianak	ID Radio Indonesia, Studio Pontianak on 8090 kHz	WRHB
1979	Jul	Balikpapan	Balikpapan heard on 3317 kHz	DUDX 82.14 86 7-79
1983		Kalimantan	5 SW stations, 4 + Tanjungselor 2977 kHz	SC 11-83 5
2007		Kalimantan	More than 50 locations in Kalimantan with MW & FM stations	WRTVHB

2. Radio Broadcasting in Borneo – Kalimantan Balikpapan

Photographs

Year	Date	Location	Event	Reference
1945	Aug 31	Balikpapan	Photo radio station masts, used by Dutch, Japanese & Australians	cas.awm.gov
1945	Sep 7	Balikpapan	2 photos station TBC, wired radio station camp amplifier system	cas.awm.gov.au
1945	Dec 7	Balikpapan	2 photos 9AG building and aerial mast	cas.awm.gov.au

3. Radio Broadcasting in Borneo – Kalimantan Balikpapan

Political Events

Year	Date	Location	Event	Reference
1942	Jan 23	Balikpapan	Japanese landing hindered by American naval bombardment	Google search
1942 – 1945		Borneo	Tokai Shiu - Japanese name for Eastern area of Borneo	Internet
1945		Kalimantan	No roads in Borneo except around river mouths	athorsen
1945		Balikpapan	Only road extending out from Balikpapan is linked with Samarinda	Balikpapan
1945	Jul 1	Balikpapan	Allied troops land at Balikpapan	brainyhistory
1945	Jul 1	Balikpapan	HMAS Kanimbla news sheet with invasion details	Kanimbla News Sheet
1945	Sep 8	Balikpapan	Formal surrender of Japanese forces in Balikpapan	Google search

4. Radio Broadcasting in Borneo – Kalimantan Balikpapan

Integrated Timelines

Year	Date	Location	Event	Reference
1921		Balikpapan	PKF Batavia Petroleum Co	YBWT&T 82.7 544
1923		Balikpapan	PKF Batavia Petroleum Co	YBWT&T 82.7 482
1936		Balikpapan	YCP 8575 kHz 3kW, address c/- YBZ Menado	RST-TK 02.166 94
1938	Dec	Balikpapan	YCP QSL card black print on buff	IDXA-TGC 1-39 RD 1-39
1939	Feb	Balikpapan	YCP QSL black/buff from Bandung 9120 kHz	RN 3-39 45
1940		Balikpapan	YCP callsign changed to YCC, 9125 kHz	IDXA-TGC 2-40 5
1942	Jan 23	Balikpapan	Japanese landing hindered by American naval bombardment	Google search
1942 – 1945		Borneo	Tokai Shiu - Japanese name for Eastern area of Borneo	Internet
1944	Nov 30	Australia	Announcement by AAAS for 19 mobile stations, 7 @ 200 w	RAD GB 84.160 90
1944	Dec	Borneo	Music & talks heard in USA on 9120 kHz	NNRC 1-45 12
1944	Dec 22	Sydney	Sun – all 19 mobiles ready by beginning May	HWNB 79.217B 24
1945	Mar 17	Sydney	Sun – 25 hrs programming ABC & com stations, 3 SW receivers	79.217B 25
1945	Mar 18	Sydney	Sunday Telegraph – 3 @ 200 w for forward areas (9AG included)	79.217B 25
1945	May 15	Australia	4 mobiles @ 200 w expected to be ready for delivery, including 9AG	GB 90
1945	Jul 1	Balikpapan	Allied troops (including Australian) land at Balikpapan	brainyhistory
1945	Jul 1	Balikpapan	HMAS Kanimbla news sheet with invasion details	Kanimbla News Sheet
1945		Kalimantan	No roads in Borneo except around river mouths	athorsen
1945		Balikpapan	Only road extending out from Balikpapan is linked with Samarinda	Balikpapan
1945	Jul	Australia	21 stations in AAAS network	LI 79.24 14-7-45
1945	Jul		AAAS station heard 12:30 am NZ 1540 (9AG?)	NZDXRATI 31-7-45
1945		Australia	9AG tested (in Melbourne?) on 1240 kHz	LI 79.24 22-9-45
1945	Aug	Balikpapan	1 st Australian army station in Balikpapan (7KM)	R&H 77.10 2-46 34
1945	Aug	Balikpapan	7KM 12 watts, allocated 7880 kHz, Australian Signal Corp	R&H 79.13 1-46 35
1945	Aug	Balikpapan	New station (7KM) began on 7880 kHz with 12 watts	R&H 79.13 1-46 36
1945	Aug	Balikpapan	7KM 12 watt SW Australian transmitter, Japanese auxiliary equipment	LI 6-4-46
1945	Aug	Balikpapan	7KM moved to approx 7960 to avoid interference	R&H 79.13 1-46 35
1945	Aug	Balikpapan	Changed channel to 7960 kHz to avoid interference (7KM)	R&H 79.13 1-46 36
1945	Aug	Balikpapan	12 w 7880 kHz now on 7960 (7KM)	84.2671 & RN 5-46 98
1945		Balikpapan	7KM with 3 program sessions daily	R&H 79.13 1-46 35
1945	Aug	Australia	21 stations in AAAS network	R&H 77.10 9-45 34
1945	Aug 31	Balikpapan	Photo radio station masts, used by Dutch, Japanese & Australians	cas.awm.gov
1945	Aug 31	Balikpapan	Now in use by 7 th Division Signals	cas.awm.gov

1945	Sep 7	Balikpapan	2 photos station TBC, wired radio station camp amplifier system	cas.awm.gov.au
1945	Sep 8	Balikpapan	Formal surrender of Japanese forces in Balikpapan	Google search
1945	Sep	Balikpapan	7KM operating on 50 metres (6000 kHz) till 9AG arrives	LI 79.24 8-12-45
1945		Australia	Specific location for 9AG not yet decided	LI 79.24 22-9-45
1945	Sep	Balikpapan	9AG 200w 1240 kHz under installation	NZDXRATI 29-9-45
1945	Oct	Balikpapan	Story & details about 7KM, replaced by AAAS station	LI 79.24 6-4-46
1946		Balikpapan	LP army set, Japanese auxiliary equipment, heard 500 miles	LI 79.24 6-4-46
1946		Balikpapan	Heard in Australia, 12 w 7880 kHz now on 7960 kHz	84.2671 & RN 5-46 98
1946		Balikpapan	7KM 7880 Signal Section on air 10 weeks till AAAS	LI 79.24 6-4-46
1945	Oct	Balikpapan	Australian mobile station 9AG replaced 7KM	LI 79.24 6-4-46
1945	Oct	Balikpapan	Australian mobile station 9AG replaced 7KM in October	Calculation
1945	Oct	Balikpapan	Station 9AG inaugurated in Balikpapan	Sheet
1945		Balikpapan	9AG 960 kHz took over from Army station	LI 79.24 8-12-45
1946		Balikpapan	AAAS station replaced 7KM which was on air 10 weeks	LI 79.24 6-4-46
1945	Oct	Balikpapan	Already on air in Balikpapan 200 watts on 960 kHz	LI 79.24 3-11-45
1946		Balikpapan	In building, 1340, 200 w Tasma, T antenna 90 ft high	R&H 77.10 2-46 34
1945	Nov	Unknown	200 w 1260 kHz (?)	NNRC 1-12-45 4
1945	Nov	Melbourne	QSL cards printed and now ready for AAAS stations	R&H 79.13 12-45 34
1945		Balikpapan	9AG changed channel from 960 to 1340 kHz	NZ TI 31-3-46 5
1945		Balikpapan	9AG 960 kHz incorrect, is on 1340 kHz	LI 79.24 5-1-46
1945		Balikpapan	9AG 200 w on 1340 kHz, AAAS station list	DXSA 82.1 3-46 4 & LI 79.24 19-1-46
1945	Dec 7	Balikpapan	2 photos 9AG building and 2 aerial masts 90 ft high	cas.awm.gov.au
1945	Dec	Balikpapan	9AG listed with 200 watts on 960 kHz	NZ TI 31-1-46 3
1945	Dec	Balikpapan	QSL 7KM 7880 kHz, Mr Clack	R&H 79.13 1-46 36
1945	Dec	Australia	Announcement about 21 stations	HWNB 79.217B 41 & LI 23-12-45
1945		Balikpapan	7ER 6980 kHz to 7205 kHz avoid interference	R&H 77.10 2-46 34
1945		Balikpapan	7ER 8 watts 7205 kHz, army equipment Artillery Regiment	R&H 77.10 2-46 34
1945		Balikpapan	7ER soon new transmitter Japanese 100 w at 50 w	R&H 77.10 2-46 34
1946		Balikpapan	May soon be taken over by Dutch authorities	R&H 77.10 2-46 34
1946	Jan	Balikpapan	Camp amplifier run by Gunner G. Fletcher	R&H 77.10 2-46 34
1946	Feb 28	Balikpapan	Last day of operation as 9AG	84.2671 & RN 9-46 128
1946	Mar 1	Balikpapan	SW station began service Mar 1, 9AG equipment	84.2671 & RN 9-46 127
1946	Mar 1	Balikpapan	Began broadcasting as Radio Balikpapan, Dutch authorities	RN 9-46 128
1946	Mar	Balikpapan	AAAS radio service in Balikpapan already over	RA Document GB 84.160 98
1946	Apr	Balikpapan	Heard in USA on 9125 kHz with music and announcements	NNRC 1-5-46 23
1946	Apr	Balikpapan	RG QSL letter 125 watts SW, 1 st Australia, signed W. Werner	R&H 79.13 5-46 63
1946	May	Balikpapan	Heard in East USA 9125 kHz	NNRC 1-6-46
1946	May	Balikpapan	Radio Balikpapan 125 w 9125 kHz, relay PCJ, heard Australia NZ	RN 6-46 113
1946	Jun	Balikpapan	Heard USA 9125 kHz 125 w Dutch/English also relay PCJ	84.2671 RN 7-46 113
1946	Jun	Balikpapan	Miss Sanderson, Malvern Victoria QSL	R&H 77.10 7-46 63
1946	Jul	Balikpapan	Input 125 w output 40 w, RG 2 QSL letters, relay PCJ	RN 8-46 126
1946	Jul	Balikpapan	12 (?) watts on 9125 kHz heard Australia, issues QSL letters	R&H 77.10 8-46 64
1946	Aug	Balikpapan	9125 kHz, music records received from 9AG, receive PCJ	RAO-5 RN 9-46 128
1946	Aug	Balikpapan	Radio Balikpapan not heard in recent time (moving Pontianak?)	RN 9-46 128
1946	Sep	Balikpapan	Heard as phone station on 7460 & 7960 kHz	RN 10-46 136
1946	Sep	Pontianak	Returned to air, 9125 kHz after off for 1 month	RN 10-46 135
1947		Pontianak	ID Radio Balikpapan Pontianak, on 5480 & 6650 & 8090 kHz	WRHB
1947		Pontianak	Radio Balikpapan 3 transmitters 125 watt transferred from Balikpapan?	WRHB
1947	Mar	Balikpapan	New YDZ Collins 401B 400 w on 7200 Mar & Apr for tests	biakqsl2
1947	Apr	Balikpapan	Call YDZ, Jungle Network, 4800 kHz till Aug 1948	biakqsl2
1947	Aug	Balikpapan	Call YDZ, Jungle Network, 4800 kHz till Aug 1948	biakqsl2
1948		Pontianak	ID Radio Balikpapan Pontianak, on 5480 & 6650 & 8090 kHz	WRHB
1949		Pontianak	ID Radio Indonesia, Studio Pontianak on 8090 kHz	WRHB
1950		Pontianak	Radio Indonesia, Studio Pontianak YDW 2350 kHz	WRHB
1951		Pontianak	Radio Indonesia, Studio Pontianak YDW 2350 kHz	WRHB
1953		Kalimantan	Pontianak YDW Local & Banjarmasin YDO Regional	WRHB
1956		Kalimantan	Two channels listed, one for day and one for night	WRHB
1973		Indonesia	Proliferation of RRI & amatir stations listed	WRTVHB
1975		Indonesia	Amatir stations on SW transferred to MW band midyear	DDX 1982

1976	Sep	Kalimantan	List of 26 MW stations, one in Balikpapan	DUDX 82.14 48 9-76
1979		Indonesia	Re-appearance of amatir stations on TSW	DDX 1982
1979	Jul	Balikpapan	Balikpapan heard on 3317 kHz	DUDX 82.14 86 7-79
1983		Kalimantan	5 SW stations, 4 + Tanjungselor 2977 kHz	SC 11-83 5
2007		Kalimantan	More than 50 locations in Kalimantan with MW & FM stations	WRTVHB

5. Radio Broadcasting in Borneo – Kalimantan Balikpapan

The Balikpapan Station

Year	Date	Location	Event	Reference
1921		Balikpapan	PKF Batavia Petroleum Co	YBWT&T 82.7 544
1923		Balikpapan	PKF Batavia Petroleum Co	YBWT&T 82.7 482
1936		Balikpapan	YCP 8575 kHz 3kW, address c/- YBZ Manado	RST-TK 02.166 94
1938	Dec	Balikpapan	YCP QSL card black print on buff	IDXA-TGC 1-39 RD 1-39
1939	Feb	Balikpapan	YCP QSL black/buff from Bandung 9120 kHz	RN 3-39 45
1940		Balikpapan	YCP callsign changed to YCC, 9125 kHz	IDXA-TGC 2-40 5
1944	Dec	Borneo	Music & talks heard in USA on 9120 kHz	NNRC 1-45 12
1945	Aug 31	Balikpapan	Photo radio station masts, used by Dutch, Japanese & Australians	cas.awm.gov
1946	Sep	Balikpapan	Heard as phone station on 7460 & 7960 kHz	RN 10-46 136
1947		Pontianak	ID Radio Balikpapan Pontianak, on 5480 & 6650 & 8090 kHz	WRHB
1948		Pontianak	ID Radio Balikpapan Pontianak, on 5480 & 6650 & 8090 kHz	WRHB
1949		Pontianak	ID Radio Indonesia, Studio Pontianak on 8090 kHz	WRHB
1950		Pontianak	Radio Indonesia, Studio Pontianak YDW 2350 kHz	WRHB
1951		Pontianak	Radio Indonesia, Studio Pontianak YDW 2350 kHz	WRHB

6. Radio Broadcasting in Borneo – Kalimantan Balikpapan

WRHB Entries

Year	Identification	YCN 40 W	YCN2 125 W	YCN3 250 W
1947	Radio Balikpapan Pontianak	5480	6650	8090
1948	Radio Balikpapan Pontianak	5480	6650	8090
1949	Radio Indonesia, Studio Pontianak			8090
1950	Radio Indonesia, Studio Pontianak			2350 YDW
1951	Radio National Indonesia Pontianak			2350 YDW

7. Radio Broadcasting in Borneo – Kalimantan Balikpapan

Australian Stations

Year	Date	Location	Event	Reference
Shortwave Station Re-activated				
1944	Dec	Borneo	Music & talks heard in USA on 9120 kHz	NNRC 1-45 12
Political events				
1945	Jul 1	Balikpapan	Allied troops (including Australian) land at Balikpapan	brainyhistory
Pre-War Station Re-activated				
1945	Aug 31	Balikpapan	Photo radio station masts, used by Dutch, Japanese & Australians	cas.awm.gov
1945	Aug 31	Balikpapan	Now in use by 7 th Division Signals	cas.awm.gov
Station TBC – Camp Amplifier				
1945	Sep 7	Balikpapan	2 photos station TBC, wired radio station camp amplifier system	cas.awm.gov.au
1946	Jan	Balikpapan	Camp amplifier run by Gunner G. Fletcher	R&H 77.10 2-46 34
Radio Station 7KM				
1945	Aug	Balikpapan	7KM 12 watts, allocated 7880 kHz, Australian Signal Corp	R&H 79.13 1-46 35
1945		Balikpapan	7KM moved to approx 7960, 3 sessions daily	R&H 79.13 1-46 35
1945		Balikpapan	Balikpapan 12 watt moved 7880 to 7960 to avoid QRM	R&H 79.13 1-46 36
1945	Sep	Balikpapan	Operating on 50 metres (6000 kHz) till 9AG arrives	LI 79.24 8-12-45
1946		Balikpapan	7KM 7880 Signal Section on air 10 weeks till AAAS	LI 79.24 6-4-46
1946		Balikpapan	LP army set, Japanese auxiliary equipment, heard 500 miles	LI 79.24 6-4-46
1946		Balikpapan	Heard in Australia, 12 w 7880 kHz now on 7960 kHz	84.2671 & RN 5-46 98
1945	Oct	Balikpapan	Station 7KM closed when 9AG inaugurated	Calculation
AAAS Station 9AG				
1944	Nov 30	Australia	Announcement by AAAS for 19 mobile stations, 7 @ 200 w	RAD GB 84.160 90
1944	Dec 22	Sydney	Sun – all 19 mobiles ready by beginning May	HWNB 79.217B 24
1945	Mar 17	Sydney	Sun – 25 hrs programming ABC & com stations, 3 SW receivers	79.217B 25
1945	Mar 18	Sydney	Sunday Telegraph – 3 @ 200 w for forward areas (9AG included)	79.217B 25
1945	May 15	Australia	4 mobiles @ 200 w expected to be ready for delivery, including 9AG	GB 90
1945	Jul	Australia	21 stations in AAAS network	LI 79.24 14-7-45
1945	Jul		AAAS station heard 12:30 am NZ 1540 (9AG?)	NZDXRATI 31-7-45
1945	Aug	Australia	21 stations in AAAS network	R&H 77.10 9-45 34
1945		Australia	9AG tested (in Melbourne?) on 1240 kHz	LI 79.24 22-9-45
1945		Australia	Specific location for 9AG not yet decided	LI 79.24 22-9-45
1945	Sep	Balikpapan	9AG 200w 1240 kHz under installation	NZDXRATI 29-9-45
1945	Oct	Balikpapan	Station 9AG inaugurated in Balikpapan	Sheet
1945	Oct	Balikpapan	Australian mobile station 9AG replaced 7KM in October	Calculation
1945		Balikpapan	Already on air in Balikpapan 200 watts on 960 kHz	LI 79.24 3-11-45
1945	Nov	Unknown	200 w 1260 kHz (?)	NNRC 1-12-45 4
1945	Nov	Melbourne	QSL cards printed and now ready for AAAS stations	R&H 79.13 12-45 34
1945		Balikpapan	9AG 960 kHz took over from Army station	LI 79.24 8-12-45
1945		Australia	Announcement about 21 stations	HWNB 79.217B 41LI 23-12-45
1945	Dec 7	Balikpapan	2 photos 9AG building and 2 aerial masts 90 ft high	cas.awm.gov.au
1945	Dec	Balikpapan	9AG listed with 200 watts on 960 kHz	NZ TI 31-1-46 3
1945		Balikpapan	9AG 960 kHz incorrect, is on 1340 kHz	LI 79.24 5-1-46
1945		Balikpapan	9AG changed channel from 960 to 1340 kHz	NZ TI 31-3-46 5
1945		Balikpapan	9AG 200 w on 1340 kHz, AAAS station list	DXSA 82.1 3-46 4 & LI 79.24 19-1-46
1946		Balikpapan	In building, 1340, 200 w Tasma, T antenna 90 ft high	R&H 77.10 2-46 34

1946	Balikpapan	May soon be taken over by Dutch authorities	R&H 77.10 2-46 34
1946	Balikpapan	AAAS station replaced 7KM which was on air 10 weeks	LI 79.24 6-4-46
1946 Feb 28	Balikpapan	Last day of operation as 9AG	84.2671 & RN 9-46 128
1946 Aug	Balikpapan	Service in Balikpapan already over	RA Document GB 84.160 98

Radio 9AG becomes Radio Balikpapan

1946 Mar 1	Balikpapan	Began broadcasting as Radio Balikpapan, Dutch authorities	RN 9-46 128
1946 Apr	Balikpapan	Heard in USA on 9125 kHz with music and announcements	NNRC 1-5-46 23
1946 Apr	Balikpapan?	RG QSL letter 125 watts, 1 st Australia, signed W. Werner	R&H 79.13 5-46 63
1946 May	Balikpapan	Heard in East USA 9125 kHz	NNRC 1-6-46
1946 May	Balikpapan	Radio Balikpapan 125 w 9125 kHz, relay PCJ, heard Australia NZ	RN 6-46 113
1946 Jun	Balikpapan	Heard USA 9125 kHz 125 w Dutch/English also relay PCJ	84.2671 RN 7-46 113
1946 Jul	Balikpapan	Input 125 w output 40 w, RG 2 QSL letters, relay PCJ	RN 8-46 126
1946 Jul	Balikpapan	12 (?) watts on 9125 kHz heard Australia, issues QSL letters	R&H 77.10 8-46 64
1946 Aug	Balikpapan	9125 kHz, music records received from 9AG, receive PCJ RAO-5	RN 9-46 128
1946 Aug	Balikpapan	Radio Balikpapan not heard in recent time (moving Pontianak?)	RN 9-46 128
1946 Sep	Balikpapan	Returned to air, 9125 kHz after off for 1 month	RN 10-46 135
1946 Sep	Balikpapan	Heard as phone station 7460 & 7960 kHz	RN 10-46 136

Transfer to Pontianak

1946 Aug	Balikpapan	Radio Balikpapan not heard in recent time (moving Pontianak?)	RN 9-46 128
1946 Sep	Pontianak?	Returned to air, 9125 kHz after off for 1 month	RN 10-46 135
1947	Pontianak	ID as Radio Balikpapan Pontianak	WRHB
1947	Pontianak	Radio Balikpapan 3 transmitters 125 watt transferred from Balikpapan?	WRHB
1948	Pontianak	ID as Radio Balikpapan Pontianak	WRHB
1949	Pontianak	ID as Radio Indonesia, Studio Pontianak	WRHB
1953	Kalimantan	Pontianak YDW Local & Banjarmasin YDO Regional	WRHB
1956	Kalimantan	Two channels listed, one for day and one for night	WRHB
1979 Jul	Balikpapan	Balikpapan heard on 3317 kHz	DUDX 82.14 86 7-79
1983	Kalimantan	5 SW stations, 4 + Tanjungselor 2977 kHz	SC 11-83 5
2007	Kalimantan	More than 50 locations in Kalimantan with MW & FM stations	WRTVHB

Radio Station 7ER

1945	Balikpapan	7ER 8 watts 7205 kHz, army equipment Artillery Regiment	R&H 77.10 2-46 34
1945	Balikpapan	7ER 6980 kHz to 7205 kHz avoid interference	R&H 77.10 2-46 34
1945	Balikpapan	7ER soon new transmitter Japanese 100 w at 50 w	R&H 77.10 2-46 34

8. Radio Broadcasting in Borneo – Kalimantan Balikpapan

Amatir Radio Stations in Indonesia

Year	Date	Location	Event	Reference
1973		Indonesia	Proliferation of RRI & amatir stations listed	WRTVHB
1975		Indonesia	Amatir stations on SW transferred to MW band midyear	DDX 1982
1976	Sep	Kalimantan	List of 26 MW stations, one in Balikpapan	DUDX 82.14 48 9-76
1979		Indonesia	Re-appearance of amatir stations on TSW	DDX 1982

9. Radio Broadcasting in Borneo – Kalimantan Balikpapan

QSLs

Year	Date	Location	Event	Reference
1938	Dec	Balikpapan	YCP QSL card black print on buff	IDXA-TGC 1-39 RD 1-39
1939	Feb	Balikpapan	YCP QSL black/buff from Bandung 9120 kHz	RN 3-39 45
1945	Dec	Balikpapan	7KM 7880 kHz, Mr Clack	R&H 79.13 1-46 36
1946	Apr	Balikpapan?	Rex Gillett QSL letter from this 125 watt station, W. Werner	R&H 79.13 5-46 63
1946	Jun	Balikpapan	Miss Sanderson, Malvern Victoria QSL	R&H 77.10 7-46 63
1946	Jul	Balikpapan	Rex Gillett 2 QSL letters	RN 8-46 126

10. American Radio Stations in Australia – 4QR Brisbane

Chronological Summary

Call	Year	Date	Unit	Reference
VLQ	1919		Ship	VLQ callsign in use with NZ ship "Warrimoo" AMP RA 634
VLM	1919		Ship	VLM callsign in use with NZ ship "Moeraki" AMP RA 634
4QG	1925	Jul	QRS	Test broadcasts with 500 w on 385 m (780 kHz) WW 77.17 171-7-26 13
4QG	1925	Jul 27	QRS	Official opening, Queensland Government, A Class station BC Document
4QG	1925	Jul 27	QRS	Temporary 600 w AWA transmitter, Executive Building courtyard abc.net.au
4QG	1925		QRS	Power increase new location 8 th floor State Gov Insurance building aussieheritage
4QG	1930	Jan 30	ABC	Taken over by Australian Broadcasting Company RRW 170
4BK	1930	Sep 29	BBC	Official opening with original 4QG transmitter BC Document
VLM	1931	Jul 17	AWA	New 20 kW at Pennant Hills given callsign VLM WS 402
4QG	1932	Jul 1	ABC	Taken over by Australian Broadcasting Commission RRW 170
4BH	1934	Jun 30	BAL	Listed as Bald Hills (on property of Fischle's Jam Factory) PMGR 77.3 1934 75
ABC	1935		PMG	Farm owned by J. W. Guy selected by PMG Research Melbourne aussieheritage
4AK	1935	Aug 31	BBP	Official opening with original 4QG-4BK transmitter BC Document
4BR	1938	Jan 7	ABC	Test broadcasts QSL as 4BR Brisbane Radio 500 w on 940 kHz NZDXT 3-02 5
4xR	1938	Jan 7	ABC	Moses, "broadcasting National Program in full" abc.net.au/brisbane
4QG	1938	Jan 7	ABC	4QR now National, 4QG now State programming abc.net.au/brisbane
4QR	1938		ABC	Callsign changed from 4BR to 4QR
VLQ	1939	Dec 20	AWA	VK2ME Pennant Hills becomes VLQ WS 402
VLM	1939	Dec 20	AWA	VLM transmitter Pennant Hills given new callsign VLQ2 WS 402
4QR	1940		ABC	Listed as "alternative program" ABCW 77.19 16-11-40 40
ABC	1941		PMG	Work commenced at Bald Hills for new ABC transmitter station nla.gov.au
4QG	1941		PMG	MW tower erected, Jam Factory with 4BH John 20747 & nla.gov.au
4QG	1941	Jun	ABC	Carrying ABC National Service ABCR 79.2 1941 19
4QR	1941	Jun	ABC	Carrying ABC State Service ABCR 79.2 1941 19
ABC	1942		PMG	MW tower erected for use by both 4QR & 4QG John 20747 & nla.gov.au
4QR	1942	Mar 23	PMG	Transmitter transferred overnight, Telephone Exchange to Farm aussieheritage
4QR	1942	Mar 24	ABC	1 st transmission from new transmitter building aussieheritage
4QG	1942	May	4BH	Service transferred, State Insurance Building to Bald Hills Jam Factory nla.gov.au
VLQ	1943	Jan	AWA	VLQ Pennant Hills re-designated as VLI WS 402
VLQ	1943	Feb 14	PMG	1 st test broadcast on 9660 kHz as VLQ3, relay Sydney ARW 77.8 3-43
VLQ	1943	Feb 17	PMG	SW station officially inaugurated, STC 10 kW air cooled STC A880A John B1

VLQ	1943	Feb 20	ABC	Listed with both National & Alternative Programming	ABCW 77.19 20-2-43 24
VLQ	1943	Sep 25	ABC	American programs as special features	ABCW 77.19 255-9-43 12
4QR	1943	Late	USA	Small detachment US Special Services began broadcasts over 4QR	radioheritage
4QR	1943	Nov	USA	Radio Unit organized in Brisbane by Berger & Tidwell	radioheritage
4QR	1943		USA	Live broadcasts and transcriptions broadcast over 4QR	radioheritage
4QR	1943		USA	Photo – Dietrich, Mattar & de Vries about to go on air	radioheritage
4QR	1943		USA	Photo – John Dietrich at the microphone at 4QR	radioheritage
4QR	1944	Early	USA	Radio Unit transferred and attached to MacArthur HQ, under AFRS	radioheritage
4QR	1944	Early	4QR	American usage of 4QR terminated	radioheritage
ABC	1945 & 1946		PMG	Extensions to transmitter building	aussieheritage
4QG	1945+		ABC	Towers finally removed from Insurance Building	epa.qld.gov.au
4QG	1947		PMG	New tower erected on Farm property	aussieheritage
4QR	1948		PMG	STC 10 kW water cooled A880 transmitter installed	John B1
VLM	1948		PMG	New 10 kW to supplement VLQ service	RN 4-48 150
4QG	1948	Sep 1	PMG	New 10 kW transmitter on 790 kHz, shared tower with 4QR	PMGR 77.3 1949 19
4QR	1948	Sep 1	PMG	New 10 kW transmitter on 590 kHz, shared tower with 4QG	PMGR 77.3 1949 19
VLM	1949	Sep 7	PMG	New 200 w temporary transmitter inaugurated, 4917.5 kHz	MGR 77.3 1950 19
4QG	1950s		PMG	STC 10 kW air cooled transmitter installed	John B1
4QR	1950s		PMG	STC air cooled 10 kW installed at Bald Hills	John B1
VLM	1951	Jan 25	PMG	New 10 kW transmitter inaugurated on 4917.5 kHz	ABCR 79.2 1951 19
VLQ	1951	Jun 1	ABC	VLQ3 9660 kHz became VLQ9	AR&E 77.11 6-51 29
VLM	1951	Jun 1	ABC	VLM 4920 kHz became VLM4	AR&E 77.11 6-51 29
VLM	1953		PMG	Adjustment to 4920 kHz for 10 kHz spacing	AMP RA 361
4QG	1957	Jan	ABC	New property for radio & TV studios purchased at Toowong	ABCR 79.2 1958 32
4QR	1960	Mid	PMG	STC air cooled 50 kW installed at Bald Hills	John B1
VLQ	1960		PMG	New 10 kW SW transmitter installed	PMGR 77.3 1960
ABC	1962	May	ABC	Transfer to new studios	ABCR 79.2 1961 22
4QG	1962		PMG	Extensions to transmitter building	aussieheritage
4QG	1963		PMG	New 10 kW 4SU-64 installed	aussieheritage
4QR	1963	May 20		Power increase to 50 kW 4SU-38	ABCR 79.2 1963 23 & AABCBR 77.15 1964 79
4QG	1968		PMG	Internal modifications to transmitter building	aussieheritage
4QR	1960s	Late		STC 10 kW water cooled A880 unit removed	John B1
4QG	19xx		PMG	SSB tests on 790 kHz	Paper
4QG	1978	Nov 24	PMG	Change to 792 kHz for new 9 kHz spacing	RMI 267 3
4QR	1978	Nov 20	PMG	Change to 612 kHz for new 9 kHz spacing	ABC Document
VLQ	1988		PMG	Original VLQ 10 kW finally retired	aussieheritage
4RN	1990	Oct	ABC	New callsign	BC Document
VLQ	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64
VLM	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64
ABC	1994		PMG	internal modifications to transmitter building	aussieheritage
4RN	1994		PMG	Power increase to 20 kW with new transmitter	WRTVHB 1995
4RN	1995		PMG	Power increase to 25 kW	WRTVHB 1996

11. American Radio Stations in Australia – 4QR Brisbane

Integrated Timelines – ABC Brisbane MW & SW

Call	Year	Date	Unit		Reference
VLQ	1919		Ship	VLQ callsign in use with NZ ship "Warrimoo"	AMP RA 634
VLM	1919		Ship	VLM callsign in use with NZ ship "Moeraki"	AMP RA 634
4QG	1925	Jul	QRS	Test broadcasts with 500 w on 385 m (780 kHz)	WW 77.17 171-7-26 13
4QG	1925	Jul	QRS	1 st transmitter location, Executive Building courtyard	aussieheritage
4QG	1925	Jul 27	QRS	Official opening, Queensland Government, A Class station	BC Document
4QG	1925	Jul 27	QRS	1 st program 1 pm Market Report, Stock Exchange & Weather	abc.net.au
4QG	1925	Jul 27	QRS	Temporary 600 w AWA transmitter, Executive Building courtyard	abc.net.au
4QG	1925	Later	QRS	Alternative evenings, relays to and from Sydney	abc.net.au
4QG	1925		QRS	Power increase new location 8 th floor State Gov Insurance building	aussieheritage
4QG	1925		QRS	425 m (705 kHz) with 1 kW	AMP Document
4QG	1926		QRS	Transmitter 23 kW input and 7 ½ kW to antenna	hws.org.au
4QG	1928		QRS	Heard regularly in Canada, also USA & Alaska	LI 79.28 4-4-28 87
4QG	1928	Oct 1	QRS	QSL card insurance building photo	AB NZ AMP
4QG	1929		QRS	385 m (780 kHz)	AMP Document
4QG	1930	Jan 30	ABC	Taken over by Australian Broadcasting Company	RRW 170
4QG	1930		ABC	760 kHz with 5 kW	AMP Document
4BK	1930	Sep 29	BBC	Official opening with original 4QG transmitter	BC Document
VLM	1931	Jul 17	AWA	New 20 kW at Pennant Hills given callsign VLM	WS 402
4BH	1932	Feb 10	BAL	QSL card 1380 kHz Bald Hills	CB NZ AMP
4BH	1932	Feb 18	BAL	QSL card 1380 kHz Bald Hills	RM NZ AMP
4QG	1932	Jun 30	ABC	Listed on 760 kHz with 2.5 kW input to aerial	PMGR 77.3 1932 70
4QG	1932	Jul 1	ABC	Taken over by Australian Broadcasting Commission	RRW 170
4BH	1934	Jun 30	BAL	Listed as Bald Hills (on property of Fischle's Jam Factory)	PMGR 77.3 1934 75
ABC	1935		PMG	Farm owned by J. W. Guy selected by PMG Research Melbourne	aussieheritage
4BH	1935	Mar 9	BAL	QSL card 1380 kHz	RG NZ AMP
4AK	1935	Aug 31	BBP	Official opening with original 4QG-4BK transmitter	BC Document
4QG	1936		ABC	Listed with 2.5 kW on 800 kHz	PMGR 77.3 1936 82
VLQ	1936		SW	New SW soon from Brisbane 13955 kHz	IDXA-TGC 10-36 15
4QG	1936	Dec 15	ABC	QSL card, blue schedules 5 kW on 760 kHz	AM NZ AMP
4QG	1937	9	ABC	QSL card, blue schedules 5 kW on 760 kHz	EO NZ AMP
4BH	1937	Feb 3	BPL	QSL card 1380 kHz Bald Hills	JM NZ AMP
4BH	1937	Jul 27	BPL	QSL card 1380 kHz Bald Hills	EO NZ AMP
4BR	1938		ABC	Station under construction Central Automatic Exchange	aussieIDXA-TGC 2-38 13
4BR	1938	Jan 7	ABC	Test broadcasts QSL as 4BR Brisbane Radio 500 w on 940 kHz	NZDXT 3-02 5
4QR	1938	Jan 7	QRS	QSL card 500 w on 940 kHz	FW NZ Hocken
4xR	1938	Jan 7	ABC	Moses, "broadcasting National Program in full"	abc.net.au/brisbane
4QG	1938	Jan 7	ABC	4QR now National, 4QG now State programming	abc.net.au/brisbane
4QR	1938		ABC	Callsign changed to 4QR	
4QR	1939	Jun 30	ABC	Listed with 500 w on 940 kHz	PMGR 77.3 1939 80
VLQ	1939	Dec 20	AWA	VK2ME Pennant Hills becomes VLQ	WS 402
VLM	1939	Dec 20	AWA	VLM transmitter Pennant Hills given new callsign VLQ2	WS 402
ABC	1940		PMG	Proceedings begun take over 114 acre property at Bald Hills	aussieheritage
4QR	1940		ABC	Listed as "alternative program"	ABCW 77.19 16-11-40 40
ABC	1941		PMG	Remove high profile from Brisbane, & MacArthur HQ	aussieheritage
ABC	1941		PMG	Work commenced at Bald Hills for new ABC transmitter station	nla.gov.au
ABC	1941	Mid	PMG	Farm buildings removed, transmitter building construction began	aussieheritage
VLQ	1941		PMG	Work commenced at Bald Hills for new ABC transmitter station	nla.gov.au
VLQ	1941		PMG	Contract has been signed for SW equipment	PMGR 79.2 1940 19
4QG	1941		PMG	MW tower erected, Jam Factory with 4BH	John 20747 & nla.gov.au
4QG	1941	Jun	ABC	Carrying ABC National Service	ABCR 79.2 1941 19

4QR	1941	Jun	ABC	Carrying ABC State Service	ABCR 79.2 1941 19
4QG	1942	Feb	ABC	Listed with "National Programme"	ABCW 77.19 8-2-42 21
ABC	1942		PMG	MW tower erected for use by both 4QR & 4QG	John 20747 & nla.gov.au
4QR	1942	Mar	PMG	Transfer from city to new Bald Hills station	aussieheritage
4QR	1942	Mar 23	PMG	Transmitter transferred overnight, Telephone Exchange to Farm	aussieheritage
4QR	1942	Mar 24	ABC	1 st transmission from new transmitter building	aussieheritage
4QG	1942	May	4BH	Service transferred, State Insurance Building to Bald Hills Jam Factory	nla.gov.au
VLQ	1943	Jan	AWA	VLQ Pennant Hills re-designated as VLI	WS 402
VLQ	1943	Feb 14	PMG	1 st test broadcast on 9660 kHz as VLQ3, relay Sydney	ARW 77.8 3-43
VLQ	1943	Feb 17	PMG	SW station officially inaugurated, STC 10 kW air cooled	STC A880A John B1
VLQ	1943	Feb 20	ABC	Listed with both National & Alternative Programming	ABCW 77.19 20-2-43 24
4BH	1943	Jun 14	BPL	QSL card 1380 kHz Bald Hills	LC NZ AMP
4QR	1943	Jun 30	ABC	Listed with 1 kW on 940 kHz	PMGR 77.3 1943 52
ABC	1943	Jul	PMG	Procurement of Guy Farm finalized	aussieheritage
4QG	1943	Sep	ABC	Carrying ABC National Service	ABCW 77.19 25-9-43 12
4QR	1943	Sep	ABC	Carrying ABC Alternative Service	ABCW 77.19 25-9-43 12
VLQ	1943	Sep 25	ABC	American programs as special features	ABCW 77.19 255-9-43 12
4QR	1943	Late	USA	Small detachment US Special Services began broadcasts over 4QR	radioheritage
4QR	1943	Nov	USA	Radio Unit organized in Brisbane by Berger & Tidwell	radioheritage
4QR	1943		USA	Live broadcasts and transcriptions broadcast over 4QR	radioheritage
4QR	1943		USA	Photo – Dietrich, Mattar & de Vries about to go on air	radioheritage
4QR	1943		USA	Photo – John Dietrich at the microphone at 4QR	radioheritage
4QR	1944	Early	USA	Radio Unit transferred and attached to MacArthur HQ, under AFRS	radioheritage
4QR	1944	Early	4QR	American usage of 4QR terminated	radioheritage
4BH	1945	Mar 14	BPL	QSL card 1380 kHz Chermside	AMP SA
4QR	1945	Jun 30	ABC	Listed with 2 kW on 940 kHz	PMGR 77.3 1945 54
ABC	1945 & 1946		PMG	Extensions to transmitter building	aussieheritage
VLQ	1945	Dec	ABC	Good signals as heard in USA	RN 1-46
4QG	1945+		ABC	Towers finally removed from Insurance Building	epa.qld.gov.au
4QG	1947		PMG	New tower erected on Farm property	aussieheritage
4QG	1947	Jun 30	ABC	Listed with 3.5 kW on 800 kHz	PMGR 77.3 1947 56
4QG	1948		ABC	790 kHz	AMP Document
4QR	1948		PMG	STC 10 kW water cooled A880 transmitter installed	John B1
4QG	1948	Sep	ABC	Power increase to 10 kW	ABCR 79.2 1949 19
4QR	1948		PMG	Power increase to 10 kW 4SU-11A	ABCR 79.2 1949 19
VLM	1948		PMG	New 10 kW to supplement VLQ service	RN 4-48 150
4QG	1948	Sep 1	PMG	New 10 kW transmitter on 790 kHz, shared tower with 4QR	PMGR 77.3 1949 19
4QR	1948	Sep 1	PMG	New 10 kW transmitter on 590 kHz, shared tower with 4QG	PMGR 77.3 1949 19
4QG	1949	Jan 9	ABC	QSL card PMG style 790 kHz	AMP SA
VLM	1949	Sep 7	PMG	TSW service commenced (with temporary transmitter)	ABCR 79.2 1950 19
VLM	1949	Sep 7	PMG	New 200 w temporary transmitter inaugurated, 4917.5 kHz	MGR 77.3 1950 19
4QR	1949	Jun 26	ABC	PMG QSL card 590 kHz	PH NZ AMP
4QG	1949	Jun 30	PMG	10 kW on 790 kHz in 1 st report ABCB	ABCB 77.15 1949 12
4QR	1949	Jun 30	PMG	10 kW on 590 kHz in 1 st report ABCB	ABCB 77.15 1949 12
ABC	1953		ABC	ABC studios upstairs above local shops	AMP photo
4QG	1950s		PMG	STC 10 kW air cooled transmitter installed	John B1
4QR	1950s		PMG	STC air cooled 10 kW installed at Bald Hills	John B1
VLM	1950	Jun 30	PMG	Listed with 10 kW	PMGR 77.3 1950 64
VLM	1951	Jan 25	PMG	New 10 kW transmitter inaugurated on 4917.5 kHz	ABCR 79.2 1951 19
VLM			PMG	STC 10 kW air cooled transmitter	John B1
VLQ	1951	Jun 1	ABC	VLQ3 9660 kHz became VLQ9	AR&E 77.11 6-51 29
VLM	1951	Jun 1	ABC	VLM 4920 kHz became VLM4	AR&E 77.11 6-51 29
VLM	1953		PMG	Adjustment to 4920 kHz for 10 kHz spacing	AMP RA 361
VLM	1953	Dec	PMG	Test broadcasts noted in USA	RTVN 1-54 73
4QG	1957	Jan	ABC	New property for radio & TV studios purchased at Toowong	ABCR 79.2 1958 32
4QR	1960	Mid	PMG	STC air cooled 50 kW installed at Bald Hills	John B1
VLQ	1960		PMG	New 10 kW SW transmitter installed	PMGR 77.3 1960
ABC	1962	May	ABC	Transfer to new studios	ABCR 79.2 1961 22
4QG	1962		PMG	Extensions to transmitter building	aussieheritage

4QG	1963		PMG	New 10 kW 4SU-64 installed	aussieheritage
4QR	1963	May 20		Power increase to 50 kW 4SU-38 ABCR 79.2 1963 23 & AABCBR 77.15 1964 79	
4QG	1968		PMG	Internal modifications to transmitter building	aussieheritage
4QR	1960s	Late		STC 10 kW water cooled A880 unit removed	John B1
4QG	19xx		PMG	SSB tests on 790 kHz	Paper
4QG	1978	Nov 24	PMG	Change to 792 kHz for new 9 kHz spacing	RMI 267 3
4QR	1978	Nov 20	PMG	Change to 612 kHz for new 9 kHz spacing	ABC Document
VLQ	1988		PMG	Original VLQ 10 kW finally retired	aussieheritage
4RN	1990	Oct	ABC	New callsign for 4QG	BC Document
VLQ	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64
VLM	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64
ABC	1994		PMG	internal modifications to transmitter building	aussieheritage
4RN	1994		PMG	Power increase to 20 kW with new transmitter	WRTVHB 1995
4RN	1995		PMG	Power increase to 25 kW	WRTVHB 1996

12. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane MW 4QG

Call	Year	Date	Unit		Reference
4QG	1925	Jul	QRS	Test broadcasts with 500 w on 385 m (780 kHz)	WW 77.17 171-7-26 13
4QG	1925	Jul	QRS	Test broadcasts with 500 w on 385 m (780 kHz)	AMP Document
4QG	1925	Jul	QRS	1 st transmitter location, Executive Building courtyard	aussieheritage
4QG	1925	Jul 27	QRS	Official opening, <u>Queensland Government</u> , A Class station	BC Document
4QG	1925	Jul 27	QRS	1 st program 1 pm Market Report, Stock Exchange & Weather	abc.net.au
4QG	1925	Jul 27	QRS	Temporary 600 w AWA transmitter, Executive Building courtyard	abc.net.au
4QG	1925	Later	QRS	Alternative evenings, relays to and from Sydney	abc.net.au
4QG	1926		QRS	Power increase new location 8 th floor State Gov Insurance building	aussieheritage
4QG	1926	Mar	QRS	425 m (705 kHz) with 5 kW, Insurance Building	WW 77.17 26-3-26 27
4QG	1928		QRS	Heard regularly in Canada, also USA & Alaska	LI 79.28 4-4-28 87
4QG	1929		QRS	385 m (780 kHz)	AMP Document
4QG	1930	Jan 30	ABC _{Co}	Taken over by Australian Broadcasting Company	RRW 170
4QG	1930		ABC _{Co}	760 kHz with 5 kW	AMP Document
4BK	1930	Sep 29	BBC	Official opening with original 4QG transmitter	BC Document
4QG	1932	Jun 30	ABC _{Co}	Listed on 760 kHz with 2.5 kW input to aerial	PMGR 77.3 1932 70
4QG	1932	Jul 1	ABC	Taken over by Australian Broadcasting Commission	RRW 170
4BH	1934	Jun 30	BAL	Listed as Bald Hills (on property of Fischle's Jam Factory)	PMGR 77.3 1934 75
ABC	1935		PMG	Farm owned by J. W. Guy selected by PMG Research Melbourne	aussieheritage
4AK	1935	Aug 31	BBP	Official opening with original 4QG-4BK transmitter	BC Document
4QG	1936		ABC	Listed with 2.5 kW on 800 kHz	PMGR 77.3 1936 82
4QG	1938	Jan 7	ABC	4QR now National, 4QG now State programming	abc.net.au/brisbane
ABC	1940		PMG	Proceedings begun take over 114 acre property at Bald Hills	aussieheritage
ABC	1941		PMG	Remove high profile from Brisbane, & MacArthur HQ	aussieheritage
ABC	1941		PMG	Work commenced at Bald Hills for new ABC transmitter station	nla.gov.au
ABC	1941	Mid	PMG	Farm buildings removed, transmitter building construction began	aussieheritage
4QG	1941		PMG	MW tower erected, Jam Factory with 4BH	John 20747 & nla.gov.au
4QG	1941	Jun	ABC	Carrying ABC National Service	ABCR 79.2 1941 19
4QG	1942	Feb	ABC	Listed with "National Programme"	ABCW 77.19 8-2-42 21
4QR	1942	Mar	PMG	Transfer from city to new Bald Hills station	aussieheritage
4QG	1942	May	4BH	Service transferred, State Insurance Building to Bald Hills Jam Factory	nla.gov.au
ABC	1943	Jul	PMG	Procurement of Guy Farm finalized	aussieheritage

4QG	1943	Sep	ABC	Carrying ABC National Service	ABCW 77.19 25-9-43 12
4QG	1945+		ABC	Towers finally removed from Insurance Building	epa.qld.gov.au
ABC	1945 & 1946		PMG	Extensions to transmitter building	aussieheritage
4QG	1947		PMG	New tower erected on Farm property	aussieheritage
4QG	1947	Jun 30	ABC	Listed with 3.5 kW on 800 kHz	PMGR 77.3 1947 56
4QG	1948		ABC	790 kHz	AMP Document
4QG	1948	Sep	ABC	Power increase to 10 kW	ABCR 79.2 1949 19
4QG	1948	Sep 1	PMG	New 10 kW transmitter on 790 kHz, shared tower with 4QR	PMGR 77.3 1949 19
4QG	1949	Jun 30	PMG	10 kW on 790 kHz in 1 st report ABCB	ABCB 77.15 1949 12
ABC	1953		ABC	ABC studios upstairs above local shops	AMP photo
4QG	1950s		PMG	STC 10 kW air cooled transmitter installed	John B1
4QG	1957	Jan	ABC	New property for radio & TV studios purchased at Toowong	ABCR 79.2 1958 32
4QG	1962	May	ABC	Transfer to new studios	ABCR 79.2 1961 22
4QG	1962		PMG	Extensions to transmitter building	aussieheritage
4QG	1963		PMG	New 10 kW 4SU-64 installed	aussieheritage
4QG	1968		PMG	Internal modifications to transmitter building	aussieheritage
4QG	19xx		PMG	SSB tests on 790 kHz	Paper
4QG	1978	Nov 24	PMG	Change to 792 kHz for new 9 kHz spacing	RMI 267 3
4RN	1990	Oct	ABC	New callsign for 4QR	BC Document
ABC	1994		PMG	internal modifications to transmitter building	aussieheritage
4RN	1994		PMG	Power increase to 20 kW with new transmitter	WRTVHB 1995
4RN	1995		PMG	Power increase to 25 kW	WRTVHB 1996

13. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane MW 4QR

Call	Year	Date	Unit		Reference
4BR	1938		ABC	Station under construction Central Automatic Exchange	aussieIDXA-TGC 2-38 13
4BR	1938	Jan 7	ABC	Test broadcasts QSL as 4BR Brisbane Radio 500 w on 940 kHz	NZDXT 3-02 5
4xR	1938	Jan 7	ABC	Moses, "broadcasting National Program in full"	abc.net.au/brisbane
4QR	1938		ABC	Callsign changed to 4QR	
4QR	1939	Jun 30	ABC	Listed with 500 w on 940 kHz	PMGR 77.3 1939 80
4QR	1940		ABC	Listed as "alternative program"	ABCW 77.19 16-11-40 40
ABC	1941		PMG	Work commenced at Bald Hills for new ABC transmitter station	nla.gov.au
ABC	1941		PMG	Remove high profile from Brisbane, & MacArthur HQ	aussieheritage
4QR	1941	Jun	ABC	Carrying ABC State Service	ABCR 79.2 1941 19
ABC	1942		PMG	MW tower erected for use by both 4QR & 4QG	John 20747 & nla.gov.au
4QR	1942	Mar 23	PMG	Transmitter transferred overnight, Telephone Exchange to Farm	aussieheritage
4QR	1942	Mar 24	ABC	1 st transmission from new transmitter building	aussieheritage
4QR	1943	Jun 30	ABC	Listed with 1 kW on 940 kHz	PMGR 77.3 1943 52
4QR	1943	Sep	ABC	Carrying ABC Alternative Service	ABCW 77.19 25-9-43 12
4QR	1945	Jun 30	ABC	Listed with 2 kW on 940 kHz	PMGR 77.3 1945 54
4QR	1948		PMG	STC 10 kW water cooled A880 transmitter installed	John B1
4QR	1948	Sep 1	PMG	New 10 kW transmitter on 590 kHz, shared tower with 4QG	PMGR 77.3 1949 19
4QR	1948		PMG	Power increase to 10 kW 4SU-11A	ABCR 79.2 1949 19
4QR	1948		ABC	590 kHz	AMP Document
4QR	1949	Jun 30	PMG	10 kW on 590 kHz in 1 st report ABCB	ABCB 77.15 1949 12
4QR	1953		ABC	ABC studios upstairs above local shops	AMP photo
4QR	1950s		PMG	STC air cooled 10 kW installed at Bald Hills	John B1

ABC	1957	Jan		New property for radio & TV studios purchased at Toowong	ABCR 79.2 1958 32
4QR	1960	Mid		STC air cooled 50 kW installed at Bald Hills	John B1
ABC	1962	May	ABC	Transfer to new studios	ABCR 79.2 1961 22
4QR	1963	May 20		Power increase to 50 kW 4SU-38	ABCR 79.2 1963 23 & AABCBR 77.15 1964 79
4QR	1960s	Late		STC 10 kW water cooled A880 unit removed	John B1
4QR	1978	Nov 24	PMG	Change to 612 kHz for new 9 kHz spacing	RMI 267 3
4QR	1998		ABC	On air identification changed to "612 ABC Brisbane"	bmm.qut.edu.au

14. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane SW VLQ & VLM

Call	Year	Date	Unit		Reference
VLQ	1919		Ship	VLQ callsign in use with NZ ship "Warrimoo"	AMP RA 634
VLQ	1936		SW	New SW soon from Brisbane 13955 kHz	IDXA-TGC 10-36 15
VLQ	1939	Dec 20	AWA	VK2ME & VLM Pennant Hills become VLQ & VLQ2	WS 402
VLQ	1941		PMG	Work commenced at Bald Hills for new ABC transmitter station	nla.gov.au
VLQ	1941		PMG	Contract has been signed for SW equipment	PMGR 79.2 1940 19
VLQ	1943	Jan	AWA	VLQ Pennant Hills re-designated as VLI	WS 402
VLQ	1943	Feb 14	PMG	1 st test broadcast on 9660 kHz as VLQ3, relay Sydney	ARW 77.8 3-43
VLQ	1943	Feb 17	PMG	SW station officially inaugurated, STC 10 kW air cooled STC A880A	John B1
VLQ	1943	Feb 20	ABC	Listed with both National & Alternative Programming	ABCW 77.19 20-2-43 24
VLQ	1943	Sep 25	ABC	American programs as special features	ABCW 77.19 255-9-43 12
VLQ	1945	Dec	ABC	Good signals as heard in USA	RN 1-46
VLQ	1951	Jun 1	ABC	VLQ3 9660 kHz became VLQ9	AR&E 77.11 6-51 29
VLQ	1960		PMG	New 10 kW SW transmitter installed	PMGR 77.3 1960
VLQ	1988		PMG	Original VLQ 10 kW finally retired	aussieheritage
VLQ	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64
VLM	1919		Ship	VLM callsign in use with NZ ship "Moeraki"	AMP RA 634
VLM	1931	Jul 17	AWA	New 20 kW at Pennant Hills given callsign VLM	WS 402
VLM	1939	Dec 20	AWA	VLM transmitter given new callsign VLQ2	WS 402
VLM	1948		PMG	New 10 kW to supplement VLQ service at Bald Hills	RN 4-48 150
VLM	1949	Sep 7	PMG	TSW service commenced (with temporary transmitter)	ABCR 79.2 1950 19
VLM	1949	Sep 7	PMG	New 200 w temporary transmitter inaugurated, 4917.5 kHz	MGR 77.3 1950 19
VLM	1950	Jun 30	PMG	Listed with 10 kW	PMGR 77.3 1950 64
VLM	1951	Jan 25	PMG	New 10 kW transmitter inaugurated on 4917.5 kHz	ABCR 79.2 1951 19
VLM			PMG	STC 10 kW air cooled transmitter	John B1
VLM	1951	Jun 1	ABC	VLM 4920 kHz became VLM4	AR&E 77.11 6-51 29
VLM	1953		PMG	Adjustment to 4920 kHz for 10 kHz spacing	AMP RA 361
VLM	1953	Dec	PMG	Test broadcasts noted in USA	RTVN 1-54 73
VLM	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64

15. American Radio Stations in Australia – 4QR Brisbane

QSLs – ABC MW 4QG & 4QR (4BH)

Unit	Year	Date	Owner	kW	kHz	QSL	Style	Color	Listener	Land	Reference	Notes
4QG	1928	Oct 1	QRS			Card	Photo	Green	AB	NZ	AMP	
4QG			QRS			Card	Photo	Green			AMP	
4QG			QRS		780	Card	Photo	Red	MR	USA	AMP	
4QG	19xx	Jun 10	ABC	5	760	Card	Sked-1	Blue	RG	NZ	AMP	
4QG	1936	Dec 15	ABC	5	760	Card	Sked-2	Blue	AM	NZ	AMP	
4QG	1937	9	ABC	5	760	Card	Sked-2	Blue	EO	NZ	AMP	
4QG	1949	Jan 9	ABC		790	Card	PMG	B&W	AMP	SA	AMP	
4BR	1938	Jan 7	QRS	.5	940	Card			FW	NZ	Hocken	
4QR	1949	Jun 26	ABC		590	Card	PMG	B&W	PH	NZ	AMP	
4BH	1932	Feb 10	BAL		1380	Card	Map	B&W	CB	NZ	AMP	Bald Hills
4BH	1932	Feb 18	BAL		1380	Card	Map	B&W	RM	NZ	AMP	Bald Hills
4BH	1935	Mar 9	BAL		1380	Card	Text	Gray	RG	NZ	AMP	
4BH	1937	Feb 3	BPL		1380	Card	Text	Red	JM	NZ	AMP	Bald Hills
4BH	1937	Jul 27	BPL		1380	Card	Text	Red	EO	NZ	AMP	Bald Hills
4BH	193x		BPL		1380	Card	Text	Red	AA	NZ	AMP	Bald Hills
4BH	1943	Jun 14	BPL		1380	Card	Text	Red	LC	NZ	AMP	Bald Hills
4BH	1945	Mar 14	BPL		1380	Card	Text	Red	AMP	SA	AMP	Chermside

16. American Radio Stations in Australia – 4QR Brisbane

Timelines - American Usage 4QR

Year	Date	Unit	Information	Reference
1938	Jan 7	4BR	Test broadcasts QSL as 4BR Brisbane Radio 500 w on 940 kHz	NZDXT 3-02 5
1938		4QR	Callsign changed to 4QR	
1939	Jun 30	4QR	Listed as "alternative program"	ABCW 77.19 16-11-40 40
1941		PMG	Work commenced at Bald Hills for new ABC transmitter station	nla.gov.au
1941	Jun	4QR	Listed as carrying ABC State Service	ABCR 79.2 1941 19
1942	Mar 23	4QR	Transmitter transferred overnight, Telephone Exchange to Farm	aussieheritage
1942	Mar 24	4QR	1 st transmission from new transmitter building	aussieheritage
1943	Sep	4QR	Carrying ABC Alternative Service	ABCW 77.19 25-9-43 12
1943	Sep 25	VLQ	American programs as special features	ABCW 77.19 25-9-43 12
1943	Late	4QR	Small detachment US Special Services began broadcasts over 4QR	radioheritage
1943	Nov	4QR	Radio Unit organized in Brisbane by Berger & Tidwell	radioheritage
1943		4QR	Live broadcasts and transcriptions broadcast over 4QR	radioheritage
1943		4QR	Photo – Dietrich, Mattar & de Vries about to go on air	radioheritage
1943		4QR	Photo – John Dietrich at the microphone at 4QR	radioheritage
1944	Early	4QR	Radio Unit transferred and attached to MacArthur HQ, under AFRS	radioheritage
1944	Early	4QR	American usage of 4QR terminated	radioheritage

17. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane Studio Locations

Call	Year	Date	Unit		Reference
4QG	1925	Jul 27	QRS	1 st transmitter location, Executive Building courtyard	aussieheritage
4QG	1925		QRS	Power increase new location 8 th floor State Gov Insurance building	aussieheritage
4BR	1938	Jan 7	ABC	1 st test broadcast Central Automatic Exchange	aussieheritage DXA-TGC 2-38 13
ABC	1953		ABC	ABC studios upstairs above local shops	AMP photo
ABC	1957	Jan	ABC	New property for radio & TV studios purchased at Toowong	ABC 79.2 1958 32
ABC	1962	May	ABC	Transfer to new studios	ABC 79.2 1961 22

18. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane Transmitter Locations

Call	Year	Date	Unit		Reference
4QG	1925	Jul 27	QRS	Temporary 600 w AWA transmitter, Executive Building courtyard	abc.net.au
4QG	1925		QRS	Power increase new location 8 th floor State Gov Insurance building	aussieheritage
4BK	1930	Sep 29	BBC	Official opening with original 4QG transmitter	BC Document
4BH	1934	Jun 30	BAL	Listed as Bald Hills (on property of Fische's Jam Factory)	PMGR 77.3 1934 75
4AK	1935	Aug 31	BBP	Official opening with original 4QG-4BK transmitter	BC Document
4QG	1941		PMG	MW tower erected, Jam Factory with 4BH	John 20747 & nla.gov.au
4QG	1942	May	4BH	Service transferred from Jam Factory to Bald Hills Guy farm	nla.gov.au
4QG	1947		PMG	New tower erected on Farm property	aussieheritage
4QG	1962		PMG	Extensions to transmitter building	aussieheritage
4QG	1968		PMG	Internal modifications to transmitter building	aussieheritage
ABC	1935		PMG	Farm owned by J. W. Guy selected by PMG Research Melbourne	aussieheritage
ABC	1940		PMG	Proceedings begun take over 114 acre property at Bald Hills	aussieheritage
ABC	1941		PMG	Work commenced at Bald Hills for new ABC transmitter station	nla.gov.au
ABC	1941	Mid	PMG	Farm buildings removed, transmitter building construction began	aussieheritage
ABC	1942		PMG	MW tower erected for use by both 4QR & 4QG	John 20747 & nla.gov.au
ABC	1943	Jul	PMG	Procurement of Guy Farm finalized	aussieheritage
ABC	1945 & 1946		PMG	Extensions to transmitter building	aussieheritage
4BR	1938		ABC	1 st test broadcasts Central Automatic Exchange	aussieheritage DXA-TGC 2-38 13
4QR	1942	Mar 23	PMG	Transmitter transferred overnight, Telephone Exchange to Farm	aussieheritage
4QR	1942	Mar 24	ABC	1 st transmission from new transmitter building	aussieheritage
4QG	1947		PMG	New tower erected on Farm property	aussieheritage
4QR	1950s		PMG	STC air cooled 10 kW installed at Bald Hills	John B1
4QR	1960	Mid	PMG	STC air cooled 50 kW installed at Bald Hills	John B1
ABC	1994		PMG	Internal modifications to transmitter building	aussieheritage

19. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane Transmitters

Call	Year	Date	Unit		Reference
4QG	1925	Jul 27	QRS	Temporary 600 w AWA transmitter, Executive Building courtyard	abc.net.au
4QG	1925		QRS	Power increase new location 8 th floor State Gov Insurance building	aussieheritage
4QG	1925		QRS	Power increase to 1 kW 425 m (705 kHz)	AMP Document
4QG	1926		QRS	Transmitter 23 kW input and 7 ½ kW to antenna	hws.org.au
4QG	1930		ABC _o	Listed with 5 kW on 760 kHz, .6 kW as standby	AMP Document
4BK	1930	Sep 29	BBC	Official opening with original 4QG transmitter	BC Document
4QG	1932	Jun 30	ABC _o	Listed on 760 kHz with 2.5 kW input to aerial	PMGR 77.3 1932 70
4AK	1935	Aug 31	BBP	Official opening with original 4QG-4BK transmitter	BC Document
4QG	1936	Dec 15	ABC	QSL card, blue schedules shows 5 kW on 760 kHz	AM NZ AMP
4QG	1947	Jun 30	ABC	Listed with 3.5 kW on 800 kHz	PMGR 77.3 1947 56
4QG	1948	Sep	ABC	Power increase to 10 kW	ABCR 79.2 1949 19
4QG	1948	Sep 1	PMG	New 10 kW transmitter on 790 kHz, shared tower with 4QR	PMGR 77.3 1949 19
4QG	1963		PMG	New 10 kW 4SU-64 installed	aussieheritage
AWA	1993		ABC	Original AWA 1 transmitter taken to Oakey Historical Museum	abc.net.au
4BR	1938	Jan 7	ABC	Test broadcasts QSL as 4BR Brisbane Radio 500 w on 940 kHz	NZDXT 3-02 5
4QR	1942	Mar 24	ABC	1 st transmission from new transmitter building	aussieheritage
4QR	1943	Jun 30	ABC	Listed with 1 kW on 940 kHz	PMGR 77.3 1943 52
4QR	1945	Jun 30	ABC	Listed with 2 kW on 940 kHz	PMGR 77.3 1945 54
4QR	1948		PMG	STC 10 kW water cooled A880 transmitter installed	John B1
4QR	1948		PMG	Power increase to 10 kW 4SU-11A	ABCR 79.2 1949 19
4QR	1948	Sep 1	PMG	New 10 kW transmitter on 590 kHz, shared tower with 4QG	PMGR 77.3 1949 19
4QR	1963	May 20	PMG	Power increase to 50 kW 4SU-38	ABCR 79.2 1963 23 & AABCBR 77.15 1964 79
4QR	1960s	Late		STC 10 kW water cooled A880 unit removed	John B1
VLQ	1943	Feb 17	PMG	SW station officially inaugurated, STC 10 kW air cooled STC A880A	John B1
VLQ	1960		PMG	New 10 kW SW transmitter installed	PMGR 77.3 1960
VLQ	1988		PMG	Original VLQ 10 kW finally retired	aussieheritage
VLQ	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64
VLM	1949	Sep 7	PMG	New 200 w temporary transmitter inaugurated, 4917.5 kHz	MGR 77.3 1950 19
VLM	1951	Jan 25	PMG	New 10 kW transmitter inaugurated on 4917.5 kHz	ABCR 79.2 1951 19
VLM	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64

20. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane Callsign Usage

Call	Year	Date	Unit		Reference
4QG	1925	Jul 27	QRS	Official opening, <u>Q</u> ueensland <u>G</u> overnment, A Class station	BC Document
4RN	1990	Oct	ABC	New callsign	BC Document
4BR	1938	Jan 7	ABC	Test broadcasts QSL as 4BR <u>B</u> risbane <u>R</u> adio 500 w on 940 kHz	NZDXT 3-02 5
4QR	1938		ABC	Callsign changed to 4QR, <u>Q</u> ueensland <u>R</u> adio	
VLQ	1919		Ship	VLQ callsign in use with NZ ship “Warrimoo”	AMP RA 634
VLQ	1939	Dec 20	AWA	VK2ME re-designated as VLQ	AWA Document
VLQ	1943	Jan	AWA	VLQ Pennant Hills re-designated as VLI	WS 402
VLQ	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64
VLM	1919		Ship	VLM callsign in use with NZ ship “Moeraki”	AMP RA 634
VLM	1931	Jul 17	AWA	New 20 kW at Pennant Hills given callsign VLM	WS 402
VLM	1949	Sep 7	ABC	Designation for new ABC SW station at Bald Hills	MGR 77.3 1950 19
VLM	1993	Dec 16	ABC	ABC SW service in Queensland ended	ODXA 2-94 64

21. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane Ownership

Call	Year	Date	Unit		Reference
4QG	1925	Jul	QRS	Test broadcasts as Queensland Radio Service	WW 77.17 171-7-26 13
4QG	1930	Jan 30	ABC _o	Taken over by Australian Broadcasting Company	RRW 170
4QG	1932	Jul 1	ABC	Taken over by Australian Broadcasting Commission	RRW 170
ABC	1983	Jul 1	ABC	Re-designated as Australian Broadcasting Corporation	Wikipedia
4QG	1925	Jul	QRS	Test broadcasts as Queensland Radio Service	WW 77.17 171-7-26 13
4QG	1932	Jul 1	PMG	Technical services taken over by PMG	Walker 35
ABC	1975	Mid	ATC	Technical radio became Telecom Australia	Wikipedia
ABC	1995		Telstra	Technical radio re-designated as Telstra	Wikipedia
ABC			NTA	Re-designated as National Transmission Authority	
ABC	1999		NTL	Sold to British/American Co	Wikipedia

22. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane Network Configurations

Call	Year	Date	Unit		Reference
4QG	1925	Jul 27	QRS	Official opening, <u>Queensland Government</u> , A Class station	BC Document
4QG	1925	Later	QRS	Alternative evenings, relays to and from Sydney	abc.net.au
4QG	1930	Jan 30	ABC _o	Taken over by Australian Broadcasting Company	RRW 170
4QG	1938	Jan 7	ABC	4QR now National, 4QG now State programming	abc.net.au/brisbane
4QG	1941	Jun	ABC	Carrying ABC National Service	ABCR 79.2 1941 19
4QG	1942	Feb	ABC	Listed with “National Programme”	ABCW 77.19 8-2-42 21
4QG	1943	Sep	ABC	Carrying ABC National Service	ABCW 77.19 25-9-43 12
4QG	19xx		ABC	Switched to State Service	abc.net.au
4QG	1963	Jul 28	ABC	Switched to National Service	abc.net.au
4BR	1938	Jan 7	ABC	Test broadcasts QSL as 4BR <u>Brisbane Radio</u> 500 w on 940 kHz	NZDXT 3-02 5
4QR	1938	Jan 7	ABC	Moses, “broadcasting National Program in full”	abc.net.au/brisbane
4QR	1940		ABC	Listed as “Alternative Program”	ABCW 77.19 16-11-40 40
4QR	1941	Jun	ABC	Carrying ABC State Service	ABCR 79.2 1941 19
4QR	1943	Sep	ABC	Carrying ABC Alternative Service	ABCW 77.19 25-9-43 12
4QR	19xx		ABC	Switched to National Service	abc.net.au
4QR	1963	Jul 28	ABC	Switched to State Service	abc.net.au
VLQ	1943	Feb 20	ABC	Listed with both National & Alternative Programming	ABCW 77.19 20-2-43 24

23. American Radio Stations in Australia – 4QR Brisbane

Timelines – ABC Brisbane Frequency Usage

Call	Year	Date	Unit		Reference
4QG	1925	Jul	QRS	Test broadcasts with 500 w on 385 m (780 kHz)	WW 77.17 171-7-26 13
4QG	1925		QRS	425 m (705 kHz) with 1 kW	AMP Document
4QG	1929		QRS	385 m (780 kHz)	AMP Document
4QG	1930		ABC _o	760 kHz with 5 kW	AMP Document
4QG	1936		ABC	Listed with 2.5 kW on 800 kHz	PMGR 77.3 1936 82
4QG	1936	Dec 15	ABC	QSL card, blue schedules 5 kW on 760 kHz	AM NZ AMP
4QG	1947	Jun 30	ABC	Listed with 3.5 kW on 800 kHz	PMGR 77.3 1947 56
4QG	1948	Sep 1	PMG	New 10 kW transmitter on 790 kHz, shared tower with 4QR	PMGR 77.3 1949 19
4QG	1978	Nov 24	PMG	Change to 792 kHz for new 9 kHz spacing	RMI 267 3
4BR	1938	Jan 7	ABC	Test broadcasts QSL as 4BR <u>Brisbane Radio</u> 500 w on 940 kHz	NZDXT 3-02 5
4QR	1938	Jan 7	QRS	QSL card 500 w on 940 kHz	FW NZ Hocken
4QR	1939	Jun 30	ABC	Listed with 500 w on 940 kHz	PMGR 77.3 1939 80
4QR	1948	Sep 1	PMG	New 10 kW transmitter on 590 kHz, shared tower with 4QG	PMGR 77.3 1949 19
4QR	1978	Nov 20	PMG	Change to 612 kHz for new 9 kHz spacing	ABC Document