



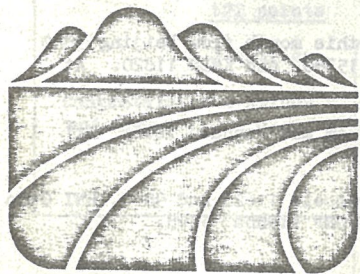
NEW ZEALAND DX TIMES

Vol 36 No 2

October-November 1983

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- * AMERICAN DAYTIME AM STATIONS EXTEND HOURS
- * END OF AMERICAN CLEAR CHANNEL RADIO MOVES CLOSER

all this and more...inside in your DX Times this month. We're Number 1 in the Pacific...and growing better! NEXT MONTH, the KYOI Story continues, Bermuda AM and FM ..and much more!



ONE·DOUBLE·X

Thanks everyone...another excellent month....and a very special thanks to those who sent in used paper clips and NADA notes! The Great Paperclip Issue of 1984 is looming as a distinct possibility! Articles, newsclippings, information from your QSL replies...these all help us keep everyone informed of what's going on. And there is so much to keep track of these days.

This month, we have what could be called an "Islands Issue". Auckland member Bryan Clark has returned from a DXpedition to the Chatham Islands, about 500 miles east of the NZ mainland and his special report makes fascinating reading. The Chief Editor visited New Caledonia last month, and an article on Radio Noumea takes us to this little piece of France in the South Pacific. Finally, member Ralph Sutton has obtained exclusive information about KYOI Saipan for us, and the first part of our visit to the North Pacific completes our island itinerary this month!

The Annual General Meeting of the League was held in Oamaru on 15 October. Solid progress has again been made by the League, which had nearly 550 members at the end of the financial year. The DX Times increased in size by almost 25% during the year, with 316 pages of news and information for members. During the coming year, it is planned to turn some attention to the content and quality, and make our major printing changes.

Members of the League have many skills and hidden talents which they can use to increase enjoyment of their radio hobby. This month we say thanks to Bill Huddleston of Auckland who moves on to build a new house at Whangaparaoa, and to Bill Jolly of Kawerau, who has done a magnificent job dealing with all the stationery requests over recent years. At the same time we welcome back Bill Pearson, reintroducing the mysteries of Alternative Radio to us. I'm sure this section will prove very popular! Although only DXing since this year, Deborah Fitzpatrick has now joined the team, taking over "Shortwave Mailbag" from where Bill left off. And Ralph Sutton is now looking after the stationery inventory for us! If you want to help the DX Times also...let me know!

NEXT CLOSING DATE is Monday 14 NOVEMBER for DX.... news,....articles....musings, letters..ideas..QSLs

Shortwave Mailbag With DEBORAH FITZPATRICK of Auckland

Huddleston has decided to retire as editor of Shortwave Mailbag after three months to thank the people who have contributed and the friends he has made overseas. I expect to see plenty of mail from you now, no excuses. A small introduction under so here goes....My name is Deborah Fitzpatrick and I have always been into shortwave radio, with the idea of being able to hear broadcasts from all over the world. Last October I found out about the possibilities of writing to the programmers of the stations and was even more pleased that sometimes they will take the time to write back. I am an incurable letter writer. Ergo...Shortwave Mailbag. Welcome to Paul Peacock and any other newcomers which I may have missed.

Are you from Paul?) has QSL's back from Nederland 9715, Spain 11880, Dubai 15435, BRT Belgium 11620 (QSL Letter), Swiss R. Int. 11715 + sticker, large QSL "DX Programme 35 Years" + pennant shaped stickers. How was your trip, did you get over to Perth? Paul purchased a Sony ICF 2001 while there.

Invercargill, has verified: YVOB 4830, Paris 11995, Impacto 6150, DW Cologne and 6170, Turkey 9730, Voice of Peace 6240, Norway 17730 and 17840, and R. Paraguay 9735. Hi! I found out about NZRDAL from your column in the Listener, how many members did.

Invercargill, has QSL's in from Impacto 6150 + pennant, Honduras 4820 + pennant, Atlandia 4790 + pennant, Africa Gabon no. 1 4820, KNLS 11820 (which - congrats), Turkey 9730 + pennant with stickers. Hello! All those posters must be looking good on the walls, Lindsay.

Merston North, has verified KNLS 9620, RFI 7135 + pennant, RN (Lopik) 11730, Praha 11990, R. Denmark 17715, FRCN 4770. G'day!

Lenheim, has a nice long list from UN 11740, KYOI 11900, HCJB 15155 and 9720, 6145, Radio Union 6115, Radio Tachira 4830, Radio Macarena 5975, Kampuchea 6185, BRT 9880, Abidjan 7215, VOA 6140, and RFI 9745. Salud!

Land, has 2 verifications back from RCI Daventry 15235 and RCI Sackville 15235. It's nice to recognize a name and know a face to go along with it. Hope to see you at the monthly meeting.

From windy Wellington, has received QSL's from Tallinn 5925, Madrid 17650, Bonjour!

Son, is a bit upset he only got three veries this month from Beijing 9860 (should look good on the wall), Osvobozhdeinye 15380, and KNLS 11820. At least Tom came. Greetings!

Samoa, Western Samoa, has verified Voice of Vietnam and Vanuatu 7260. Hi! I have verified Darren. Thanks.

Southampton, has verified TRT Ankara 17760, BRT Brussels 11620 and 9880, RNI Oslo 11730, RFI Paris 7135 and 9745, OLR Prague 11800 and ORF Vienna 15165.

Brian Webb, Upper Hutt, has received QSL'S from Alaska KNLS 9620, Belgium BRT 5895 and 11620, Taiwan BED40 17890, Ecuador HCJB 6095 6130 11835 11925 and 17790, DW Germany 11795 (with Wertachtal special 30 year card), GDR RFI 7260 7300 9560 11720 21465 and 21540, Greece VOA Kavala 6015, Guam KTWR 11735 11840 15350, Portugal RDF 6075 Lisboa, Ukraine R. Kiev 11720, 17900, Czechoslovakia R. Praha 5930 7345 9540 9630 9740 17705 17840, Israel, Kol Israel 11655. Salud!

Desmond Arnold-Kelly, from Nelson, received the following interesting mail: Prague 11855 + 3 coloured transparencies of Czech Old Masters (nice, must have written a friendly letter!), REE 11880, RDF 9575, NRK 15225, RFI 7135, Athens 9420, ABC 17795, Beijing 15435, Israel 12025, and ORF 15270. G'day.

Jim Benzoni, Hamilton, has received kudos from the postie for VOFC 17890, TRT 11740 and 17760, RFI 7135, FIBS 3958 (QSL no. 230), Dubai 15435, RCI 6140, and RAE 6060 + pennant, all of which brings his country total to 113. Good!

Chris Sutcliffe, Thames, has 5 verifications back from Radio Sofia, Spanish Foreign Radio, Radio Prague, Radio Moscow and KNLS. Hi! I need to have a list of the frequencies as well, Chris. Ta!

Deborah Fitzpatrick, Auckland, has the following back over the past couple of months: VOA Phillipines 11805, Radio Tirana 11985, Radio Vanuatu 3945, Deutsche Welle 9590, Radio Praha 11950, RSA 17745, TRT 11755 + pennant and stickers, Kuwait 9840, Beijing PFS 5170 + sticker, REE 11880, NRK 15205 and 15225, IRIB 15084, Radio Kiev 11720 + stickers, BRT 11620, BBC 11955, KNLS 11820, and Radio Nacional del Paraguay 9735.

Well, just looking over the list of verifications it seems KNLS has had quite a bit of mail for Kiwiland, along with quite a few mentions of TRT and Belgium. I have left out the number of reception reports and letters you all have written this past month as it sometimes feels depressing to write a lot and not hear too much. It can also be a bit intimidating for newcomers. I would appreciate any comments on the matter for next month.

BEST OF THE MONTH

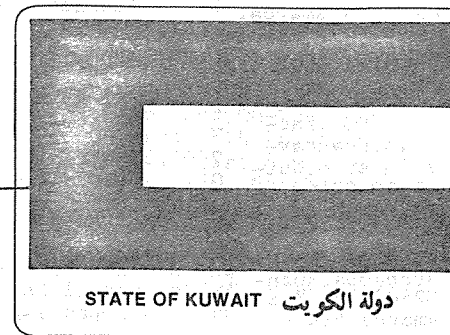
Under 9 MHz Arthur Cushen with
Voice of Peace, Off Israel
6240 kHz
400 W
122 points

3 entries

Congratulations Arthur:
and Alan.

Over 9 MHz Alan Gilmour with
ORF Vienna
15165 kHz
100 kW
88 points

1 entry



Arthur Cushen's Shortwave Review

ave Report

AINLAND of Wellington

rial attributed to the Service (BBC MS) is may not be reproduced sion.

27th August, Radio Bang- the Information Minis- that two 250kW short- airpur near Dhaka

to service for world- ng by October. Trans- wners ranging from 10 vere being installed, been installed, in aon, Dinajpur, Rangpur
BBC MS 8/9

ing to reactivate its a relay stn on 1st Oct e for Central America: 9540, 11920; 0000-0300 0.

as is relaying the a 0100-0300 on 9720 & RN MN 15/9

e Carlo has a new add- -98007 Monaco CEDEX.
RN MN 15/9

ly the French intend their transmitters on h 1984 because they some fqs with the 0200 9605, 11790, 15300; 11880; 1800-2200 9615; 1400-2100 17860. Pwr 0kW for the Americas.
RN MN 15/9

ator Juan Carlos Cod- the following list of s mentioned are re- ie Oxapampa, Oxapampa, 130-0327); R. Tayabamba, Bagua, Depto. Amazonas 400); R. Nuevo Cajamarca, Rioja on 3917v; Radio il, Cajabamba, Jiron ca on 4361v (0000-0400); iraz, Carash, Ancash on); R. Cobriza 2000, Pac- o de Cachis, Huancava a Voz de Cutervo, Cut- n 4965v (1120-0200); angallo V. Fajardo, v (2230-0145); R. San ho on 5301v (2300- obamba, Acobamba, Huan- v (1100-0230); La Voz aen, Cajamarca 5340v cara, Jaen, Cajamarca

on 5560v (2300-0200); R. Yucan, Cutervo, Caj- amarca on 5617v (1100-0007); R. Acunda Mar- iscal Morales, Chota, Cajamarca on 5657v (2000-0400); R. Bambamarca, Bambamarca, Hua- lgayoc, Cajamarca on 5656v (2100-0300); R. Municipal Calca, Cuzco on 6242v (1100-0200); R. Guayabamba, Guayabamba on 6279v (1200- 1700 & 2300-0305); R. Celendin, Cajamarca on 7053v (2100-0400); R. Selva, Moyobamba on 7307v (1100-0430); Estacion 2000, Rioja, San Martin on 9988v (1000-0340). WRTVHNL 9/83

ENGLAND The BBC external sce has plans to increase the audibility of pxs. At a site about 4 miles north of Stratford on Avon in Warwickshire, 6 300kW sw txs and about 30 aeriels are planned. RN MN 29/9
SAIPAN FEBC is due to start operating Oct 1st, the sked is: 0900-1100 15115, 1100- 1300 15150, 1300-1500 9575, 1500-1600 15110. Regular pxs are expected to start 1st Nov in RR, Ukrainian and Mandarin. Address for reports is: P.O. Box 209, Saipan 96950, USA.
RN MN 29/9

IRAN To convey the message of the Islam- ic Revolution to the whole world, within the next five years the external net- work would broadcast for 90 hours in 20 foreign languages on sw. BBC MS 22/9
"VOICE OF MOZAMBIQUE NATIONAL RESISTANCE"

This radio stn continues to be observed bc from 0400-0500 & 1700-1800 daily on 4764. On 8th Sept, the stn invited listen- ers to write to the following address: Apartado 169, 2752 Cascais, Portugal. BBCMS
IRAQ Radio Baghdad has started using a new frequency for its external sce, FF 1930, GG 2030, EE 2130 on 9610. RN MN 6/10
MOROCCO Rabat has been noted with AA programming between 0900-1100 on new 9865.
RN MN 6/10

AUSTRALIA It appears from tentative fre- quency registrations submitted to the IFRB in Geneva that Radio Australia is planning to drop what is left of its Eur- opean sce. The channel of 9570 is not reg- istered from 6th Nov. English pxs to North America also appear to be affected.
RN MN 6/10

VIETNAM A recent survey shows that Viet- namese national and regional domestic radio stations are currently operating on the following shortwave fqs: Voice of Vietnam 10060, 7420, 6450; Hanoi City sce 7998, 6850; Bac Thai 6620; Cao Bang 6520; Gia Lai-Cong Tum 4700; Ha Tuyen 4820; Hoang Lien Son 6625, 5602; Lai Chau 6570; Lang Son 6510; Son La 6323, 4770; Quang Ninh 4703.
BBC MS 29/9

During the past month, MAURITIAN RADIO'S 4-MHz channel has been found on occasions on 4820 approximately instead of on 4845.
BBC MS 29/9

Listeners to Media Network on October 6 would be aware that my Pacific DX Report was phoned to Radio Nederland as this was the first time since 1966 that the tape had not arrived in time for broadcast. After two phone calls from Jonathan Marks reporting the non arrival of the tape, it was decided to record at 1800GMT, 6.00amNZST, on the Thursday morning and broadcast 14 hours later. Quality was surprising with a lower noise level than the telephone conversations in the same programme from correspondents in North America. Information from listening at Tiwai just 24 hours previous was able to be included in the broadcast. Highlights this month are verifications from the Voice of Peace and Radio Nacional, Paraguay, and the schedule of KFBS, while high frequency reception continues to improve around 1000GMT. All times are GMT, 12 hours behind NZST and 13 hours behind NZ Daylight Time as from October 30, and frequencies in kHz.

ALASKA: KNLS Anchor Point from November 6 schedule is: 0700-1730 on 6170; 1730-2000 6185.

AUSTRIA: Broadcasts from Vienna to Pacific are: 0700-0900 GMT 15270, 17830; 1000-1200 15420, 17825kHz. English is carried 0830-0900, 1030-1100GMT. Transmissions to the Far East are: 1300-1500 on 15290 and 2100-2300 on 7170 and 9740kHz.

BRAZIL: Radio Braz, Brazilia on 15280 with English 1800-1900 then German to 1958. Also English 0215 to North America on this new frequency.

COLOMBIA: Radio Nacional, Bogota 15335kHz heard with Spanish ID 0325 then a talk on films and music and classical musical programme from 0330.

DENMARK: Copenhagen 25850kHz opening 1000 to Australia on October 3 - the first opening of this band for some weeks. Norway also noted at 1000 on 26025.

GREECE: Athens, new frequencies to North America: 0000-0150, 0200-0350 on 9420, 9865, 12085; 0400-0450 in Greek on 7370, 9420, 9865 and from 0500 on 9855kHz.

ISRAEL: Voice of Peace, a verification has been received of reception of the Voice of Peace operating off the coast of Israel on a ship located 9 kilo- metres from Tel Aviv. Broadcasts on 6240kHz have been heard around 2030GMT and according to Stuart Vint, Station Engineer, the transmitter is a home- made 400W unit. Plans are under way to increase the power to 10kW and use the present frequency to evaluate reception. The address of the station is The Voice of Peace, P.O. Box 4399, Tel Aviv, Israel.

NORWAY: Oslo in its present schedule broadcasts 0700-0745 9590, 11870, 15175, 15345, 21730, 25730 and at 1000-1045 with English on Sundays on 15175, 15345, 17730, 17840, 21730, 26025 (replacing 26030).

PARAGUAY: Radio Nacional Asuncion, veri letter in Spanish plus Tourist Book- let for a report on 9735kHz when heard at 1000GMT, signed by Carlos Montaner, Chief Technician.

SAIPAN: KFBS, FEBC Saipan using old GEC 100kW transmitter first put into operation as KGEX San Francisco in 1943. Plans to install further four 100kW transmitters from Continental and has three TCI antennas. Schedule from November: 0900-1100 Russian 15115; 1100-1300 Mandarin 15150; 1300-1400 Russian 9575, and 1500-1600 Ukrainian 15110kHz, 2100-2200 9505; 2300-2400 15125 according to a letter from Robert Reynolds, Vice President. The address is KFBS, P.O. Box 209, Saipan, Northern Marianas 96950.

SWEDEN: Radio Sweden International, Stockholm has made some late frequency changes for its schedule effective up to March 7, 1984. The service to Pacific 1100-1130 in English is scheduled for 15305kHz replacing 17820. Some other English broadcasts 1230-1300 9745; 1400-1430 15285; 1600-1630 11920; 1830-1900 11845; 2100-2130 9710, 9715.

AVE BANDWATCH With MICHAEL POLLARD

her session of Bandwatch, where you make the news! Fewer news this month, but perhaps you're all doing what I'm doing the first day of my leave and here I am stuck in front of the TV.

includes a Mexican station on 2390; and some low-powered stations in Newfoundland. Perhaps the TVI is disappearing with all the stations that I understand are on!

STATION & PROGRAMME DETAILS

INITIS

MEXICO XEJN. Sign on in Spanish, then continuous music.	ATC
LIBERIA ELWA Monrovia. Relig music & prgm. Fair.	LR
CHINA R.Beijing. Pleasant musical prgm, CC annmnts, very good	JW
KOREA SOUTH. Seoul KBS. English news, then prog on Korea.	ATC
UZBEKISTAN SSR R.Tashkent. Politics in EE, fair.	PF
GREECE VOA Kavala. Strong in Arabic.	JB
UNITED KINGDOM BBC W/S. Good in EE//6005 strong.	JB
ARGENTINA RAE. EE Prgm "Getting to Know Argentina", strong.	JB
UNITED STATES WYFR. Listeners' letters, fair.	JW
PORTUGAL Lisbon. News in English, strong.	JB
UNITED STATES VOA. News in EE, 0610 "African Safari", strong.	JB
UNITED STATES WRNO. Gospel prgm (Baptist ch.of Ohio), VG.	JW
PAPUA-NEW GUINEA Wewak, East Sepik. EE news 0800, then news in Pidgin, prgm continued to close 0905.	ATC
NEWFOUNDLAND CKZN. News to 0907, talk to 0923, wx at 0927.	Fr.PF
INDONESIA RRI Padang. Good with local music prgm.	LR
SOUTH KOREA KBS. Musical prgm spoiled by QRM. Fair.	JW
POLAND R.Polonia. EE news clear after RCI off.	JB
FRANCE RFI Paris. EE news to 0430, excellent.	BW
UNITED KINGDOM BBC W/S. News in English, fair level.	JB
MONACO TWR. EE transmission 0625-0700 then moves to 9495.	ATC
INDIA AIR Delhi. News, political talk in EE, fair.	PF
VANUATU Vila. Strong in Bislama. JB. 0747 EE aancmt, good.	JW
UKRAINE SSR R.Kiev. Good in EE, signoff 1830.	JB
UKRAINE R.Kiev. EE news, current affairs, fair, QRM BBC.	BW
GREECE ERT Athens. Strong in Greek to Cyprus Turkey & MEast.	TC
SPAIN REE Madrid. Strong in Spanish.	JB
MONACO TWR. Fair w/gospel prgm in English.	JB
ANTIGUA BBC W/S. Fair in EE. (What prgm?-Ed)	JB
SOLOMON ISLANDS SIBC Honiara. News in EE, good.	JB
MALTA IBRA Radio via R.Mediterran. Good sig in RR, relig prg.	TC
YUGOSLAVIA R.Beograd. Nx in EE, Economic rept on World Bank & IMF. Strong signal.	TC
WEST GERMANY DW. Fair in Spanish.	JB
PORTUGAL IBRA Radio via RTE Sines. Powerful in RR relig prgm.	TC
UNITED STATES KGEI San Francisco. S/on in RR but interference from co-channel Brazilian.	ATC
UKRAINE R.Kiev. News & curre nt affairs in EE, poor.	BW
ARGENTINA R.Nacional. Fair with orchestral music.	LR
WEST GERMANY DW. Signon in EE to N.America. Strong signal.	JB
CZECHOSLOVAKIA R.Prague. Fair signal in Spanish.	JB
AUSTRIA ORF Vienna. 'Report from Austria' in EE. New frequency replacing 9655. Fair level.	AEG
AUSTRALIA RA-P.N.G. Service. World news, vg in EE.	JW
NETHERLANDS ANTILLES RN-Bonaire. World news in EE, very good.	JW

FREQ	UTC	STATION & PROGRAM DETAILS	INITIS
9915	0831	UNITED KINGDOM BBC. Good sig with world news in EE. JW.0245gd	JB
10060	1130	VIETNAM Hanoi. Also on 10010 in VV and 10040 in RR.	PF
11690	1930	SPAIN REE. Strong with news in EE.	JB
11710	0240	ARGENTINA RAE. Short prgm "Buenos Aires My City" in EE. Good clear signal. PP Also 0400 excellent in EE w/news & doc.s	BW
11720	0030	UKRAINE R.Kiev.Fair in EE, adj,bc QRM. Also 0300.	BW
11730	0230	SOVIET UNION R.Moscow. In EE, current affairs. Excellent.	BW
11750	1104	UNITED KINGDOM BBC. News then "Off the Label". Good signal.	PP
11770	0300	UKRAINE R.Kiev. Current affairs in EE, poor.	BW
11775	0730	UNITED STATES VOA. S/on in Arabic w/world nx. Good signal.	TC
11830	0919	NORTH KOREA Pyongyang. EE prgm on standard of living, QRM.gd.	JW
11850	1045	INDIA AIR Delhi. Fair with cricket commentary.	PF
11855	0830	CZECHOSLOVAKIA R.Prague. EE to Pacific, poor.//17840, 21705.	TC
11865	0100	MALTA DW. Nx in EE, strong. 0130 "german by Radio".	JB
11900	0500	SOUTH AFRICA R.RSA. Fanfare 0430 on, ID EE 0427, fair.	PF
11905	0600	WEST GERMANY DW. Sun exc prgm 0615 "Man & Environment", good.	PF
11905	0138	ITALY RAI. Int-sig, birdcall, 0140 SS good level.	JB
11910	2145	SWITZERLAND SRI Berne. Fair in EE to Africa.	AEG
11950	2245	UNITED STATES WRNO. Sun: relig prgm, good.	PF
11960	1917	AFGHANISTAN Kabul. O/seas nx in EE. Fair. Off air 1930 no closing announcement.	JW
11995	0135	FRANCE RFI. French music good, signoff 0200.	JB
12070	1205	MONGOLIA Ulan Bator. Strong in EE but poor modulation.	JB
15180	0030	UKRAINE SSR R.Kiev. Current affairs in EE, poor. Also @ 0300.	BW
15190	0750	NORTHERN MARIANAS Saipan KYOI. "Super Rock". Excellent sig.	JB
15215	0030	UNITED STATES WYFR Family R. Good in SS with relig prgm.	TC
15220	0136	SOVIET UNION RMWS. World news. Fair in English.	JW
15235	0345	UNITED KINGDOM BBC. Arabic service, excellent signal.	BW
15245	0830	NORTH KOREA R.Pyongyang. News, short prgm on anti-Japanese revolt, more news. EE service. Fair signal.	PP
15250	0030	ECUADOR HCJB Quito. EE to N & C America. Mixed Beijing.	TC
15265	0115	SOVIET UNION R/S Peace & Progress. Strong in Portuguese.	JB
15275	0605	WEST GERMANY DW. World news, then "Man & his Environment", vg.	JW
15280	1800	BRAZIL R.Bras. English to 1900, then German, close 1958.	ATC
15295	1000	MALAYSIA Voice of, Kuala Lumpur. Sports cmtry in Indonesian? EE news at 0600 and 0800.	TC
15315	2330	NETHERLANDS ANTILLES RN-Bonaire. Good sig in SS to S America, also on 6020.	TC
15320	0614	AUSTRALIA RA. "Communication Expo 83". Good signal.	JW
15325	0130	SOVIET UNION R.Moscow. in Spanish, good signal.	JB
15345	1945	ARGENTINA RAE Buenos Aires. Fair some morning in EE to Europe after Norway signs off.	AEG
15390	0300	SOVIET UNION RMWS. Fair in EE (Prog?-Ed)	JB
15420	1030	AUSTRIA ORF Vienna. Fair in EE to A/NZ. Replaces 15415 fr.25/9.	AEG
15435	0330	UNITED ARAB EMIRATES R.Dubai. EE news good. Su-Mailbag 0345.	JB
15450	2330	PHILIPPINES FEBC Manila. Good in EE. World nx & relig prgm.	TC
15560	1830	AUSTRIA ORF Vienna. EE "Report from Austria". Excellent sig.	BW
17700	0700	EAST GERMANY R.Berlin International. Nx in EE, fair.	PP
17715	0630	SWITZERLAND SRI Berne. Good sig, Swiss country mx, s/off 0645.	TC
17715	0100	JAPAN RJ. World news in EE, fair signal.	JW
17725	0200	AUSTRALIA RA. Possible export of kangaroo products. VG//17795.	JW
17730	0740	SOVIET UNION RMWS. Interview, mx, Ukrainian folksong. Fair.	JW
17770	1100	OMAN BBC-Masirah Is. Good. (Prog-Ed?)	PF
17770	0430	AUSTRALIA RA. Freq not listed in WRTH, better than 17725.	PF
17825	1030	AUSTRIA ORF Vienna. Fair-good in EE. Replaces 17725 fr.25/9.	AEG

From the Branches

WITH NORRIS STURGESS

STATION & PROGRAMME DETAILS

INITIS

AUSTRIA ORF Vienna. Poor-fair in EE to A/NZ replaces 17740 from 25/9. AEG
 UNITED KINGDOM BBC W/S. Good in EE, "Newsdesk", headlines 0628 TC
 LITHUANIA SSR R.Vilnius. EE to Europe, news commentary, listeners letters and reports on Saturdays also // 9605,11720,15180 & 17860. TC
 SOVIET UNION RMWS. Strong in EE. JB
 SOVIET UNION RMWS. Good in English. JB
 EAST GERMANY Voice of GDR. Helsinki Games, then ID, EE, good. JW
 UNITED STATES AFRTS. News in EE good signal. JB
 SWITZERLAND SRI Berne. World nx in EE, good signal. JW
 SOVIET UNION RMWS. Review of original RR sputnik. Good in EE. JW
 DENMARK Copenhagen. S/on in English and Danish. ATC
 UNITED STATES VOA. Nx, jazz, fair. // 26040. PF
 NORWAY Oslo. Opens on new freq heard 3/10 when high freq reception was at its best for many weeks. ATC. Fair to S America // 17840 to A/NZ, very good. AEG.

TRIBUTORS who tried to fill this space for you were:

lmour, Greymouth.	ATC	Arthur Cushen, Invercargill.
wke, Plimmerton.	JB	Jim Benzoni, Hamilton.
Robinson, Invercargill.	JW	Jim Webb, Manakau.
ebb, Upper Hutt.	PP	Paul Peacock, Blenheim.
snall, Nelson.		

ints a few months ago about the paper sizes sent to me, I must good standard of reporting is now reaching me! Complete details heard, paper sizes that don't get lost, and legible reports. up! Some Bandwatch forms are now available - if I missed you, I remind me. 73s Michael G. Pollard.

TION, all Norris Sturgess, whose notes were sent to the wrong box!

PAPUA NEW GUINEA Rabaul, East New Britain. ID and talk in Pidgin EE about social and economic problems, readable but some noise
 NEPAL Kathmandu. ID, female announcer, local music, talks //9590 poor
 SINGAPORE Kranji BBC. "London Calling Asia", following program in Burmese, good signal
 VANUATU Vila. FF discussion w/male and female, EE time checks, clear
 FALKLAND ISLANDS Stanley FIBS. ID "This is Falkland Islands Broadcast Station", pop music, weak signal, noise.
 SWITZERLAND Beromunster SRI. European Service EE talk about life in the valleys of Switzerland, generally poor //6165 and 9535 also
 PAPUA NEW GUINEA Port Moresby P2T4. EE talk on development problems.
 NEPAL Kathmandu. Same program as 3425, poor, adjacent QRM
 AUSTRALIA Sydney VLI6. ABC Radio 2, Roundabout, stock market news vg
 JAPAN Tokyo JO26. Pop mx, ID in EE "Shortwave is the Super Wave, Radio Panpa", good, some fading at times
 AUSTRALIA Wanneroo WA VLV6. Weather/marine forecast for West Australia, news, very clear signal
 NEPAL Kathmandu. Fair signal //3425, some distortion, QRM'd at 1430
 KOREA DPR Pyongyang. EE talk on cultural development, ID "You are tuned to Radio Pyongyang"
 ANTIGUA Voice of Germany relay. "Program in English to East Asia, Australia and New Zealand", fair but clear signal.

Hello friends out there. You will have read the names and addresses of those whom we understand are your local contact - if we are incorrect please let us know, but at the same time let us know that there are active DXers in your area. I sent out a circular to all the local contacts as listed asking for news, and have had only one acknowledgement or reply up to now, I look forward to receiving at least 16 more letters. One point I must make clear is that for any news items or reports to appear in the next issue of the Times these must be sent to me C/O Chief Editor at P.O.Box 2956 Wellington before the closing date noted in each issue of the Times. This is usually a Monday, so knowing the weekend is to be busy get your reports and letters away on the preceding Friday. Thanks.

Reports and news items. No letter from Northland, Waikato, New Plymouth, Hawkes Bay, Masterton, Wanganui, Palmerston North, Christchurch, Marlborough, West Coast, Oamaru, or Dunedin this month so let's greet Auckland, Bay of Plenty, Wellington, Nelson and Invercargill.

Bay of Plenty, Alistair Evans has got himself a new set, and how he appreciates the digital read out which he did not have on his earlier sets. We should see his initials in Shortwave Bandwatch very soon. Oh! forgot to say he got a National Panasonic RF 3100.

Colin Valentine has had little time to devote to DXing, he has been too busy arranging another epoch making event on September 4th, -- his daughter's wedding. We wish the couple every happiness, and look forward to hearing that Colin has got back to the dials.

Wellington held their branch meeting on 16th. Sept at Ralph Sutton's home, with six members attending and two sending apologies. The meeting was held in a pleasant atmosphere with a supper kindly provided by Mrs. Sutton. Those present enjoyed seeing Ralph McKay's Dymek antenna in action. (we would like to hear about this -Ed) Also during the evening therewas, a discussion on what can be heard on M.W. without too much effort, -- the reading of an interesting letter from KIOI concerning QSLing, and giving some background information on the Station, -- some interesting listening to Mrs. Sutton shewing her expertise in Esperanto, -- some interesting news items from those who had recently visited Japan. Next Meeting to be on 14th Oct. when it is hoped there will be present some Hutt-Valley members. November meeting to be at 4, Atua Street Johnsonville but no date given.

Thanks Ron James for your report. Nelson has written to me saying that at present there is no regular contact between him and other Nelson DXers, but that he proposes to see this situation change. He tells me that his home station is surrounded by hills which restrict his reception, but with one of his two sets, a DR 22, he is now mobile and his first ventures away from home base were very revealing. Down on the wharf he could pick up Radio Prague, but on moving to the top of Nelson's highest hill it boomed in as did Ankara on 11755kHz. Looking forward to more news from Sunny Nelson, thanks for writing Tom.

Invercargill held their September meeting at Bob Dunstone's home there being nine members present and six sending apologies. The branch elected Mr. Peter Lankshear as their Patron following the recent resignation of Mr Owen Crawford from this office. Peter Lankshear is the head of BCNZ. in Invercargill and has been a keen radio enthusiast over many years. During the evening there was considerable discussion centered on activities related to the forthcoming annual meeting in Oamaru, together with technical discussions on interesting new inventions in electronics, computers and the various communication receivers. Other business reported was, the confirmation by the branch of nominations for League positions, -- New Poles to be erected at Tiwai, followed by announcement of competition results. These were, Broadcast Best of the month, A. Cushen, with KVAN Vancouver Washington 1550 kHz 10kW. Merit, N. Parry with Vanuatu 1125 kHz 10kW. Short wave over 9mHz, L. Robinson Ankara, Turkey 9730 kHz 100kW. under 9mHz, R. Winter Falklands 3958 kHz 2.5kW. Next meeting to be held on October 25th at Steven Greenyars home 17, Totara Street. and the Nov. meeting to be held on Nov. 22nd. at Eric McIntosh's home 5, Wilfred Street. Thanks Invercargill for your report.

Auckland, (you nearly missed out, hence appear at this end of the news. Ed.) There were 14 and 2 apologies for the September meeting. Barry Williams gave a talk about various receivers used by him over the years, and the notable DX catches achieved. Next meeting is to be on October 30, usual venue. Competitions: SW Over 9: Doug Doull with DW/Malta 250kw 15105 khz (Sen) and Deborah Fitzpatrick with R.S.A. 500kw 17745 khz (Jun); Under 9 to Ron Johansson with one that's so far under 9 it must be mediumwave: KSL Salt Lake City, Utah 1160 khz and 50kw. Contact: Tom Rushbrooke (ph: 279 8348 in evenings/weekends only)

RADIO DX LEAGUE

and, North Otago and Auckland Oamaru on Saturday, 15 Radio DX Leagues 35th Anniversary. In the chair was Leag-Cushen, assisted by Cha-

al Report highlighted the the League to promote the of SPARC, renewed branch ton and the value of such yists. Southland Branch onducted League adminis- s and the hope was expre- branch would take over- future. The DX Times ing publication of its receiving the equivalent s during the year through- tent. However, in the will have to place some t on magazine costs, and the size of the DX Times. rtainties about the fut- eeze, it was agreed that er to review subscription 1984 AGM should unforeseen ur.

th the NZ DX Radio Assoc- ed, and it was agreed that- operation between the 2 t.

esignation of Bill Jolly ary, compliments were and efficient service pro- the last 2 years. Effect- Ralph Sutton of Wellington ionery responsibilities. id to member Ito Tsukigawa uegation stationery for many

of his intention to re- on was DX Times Chief Ed- h, effective early 1984. ved with regret, and Ad- sist in finding a succes- role.

ary Bryan Clark announced of the Shortwave Best-of- election by the Competit- all QSLs listed in the section - winners will be agazine following the QSL l be made not only from also rarity of reception, and experience of the DX obtaining a confirmation. negotiations underway see if a standard NZ list

of radio countries could be agreed upon as a starting point for establishing a common list for all SPARC clubs.

Members responded to the PROs report with a tribute to Arthur Cushen's untiring service not only to the League, but to radio listening in general.

SPARC discussion included support in principle for the anti-jamming resolutions being promoted by the Association of North American Radio Clubs and the European DX Council. A common abbreviations list for all SPARC clubs has been finalised and will be published shortly. Since the forming of SPARC, all the administration costs (\$85) have been met by the League. However, from September 1983, funding will come from a 10c per member levy on all affiliated clubs.

The Handicapped Aid Program (HAP) Report showed 8 handicapped DXers receiving free subscriptions to the NZDXTimes. The NZART magazine "Break In" is now available on tape for disabled enthusiasts and it is hoped the DX Times will be similarly accessible soon.

General business discussion included suggestions for a concerted effort to secure advertising to allow the present scope of the DX Times to be maintained; discussion on magazine content and production; branch reports including details of the unequalled listening facilities available for members at the Tiwai site in Southland; and a proposed award system for the Continents listing.

The meeting closed with a demonstration of the new Sony ICF7600D (aka 2002) by Bryan Marsh and courtesy of Miles and Carlaw Ltd. Thanks to North Otago Branch, particularly hosts Peter and Jill Grenfell for their warm hospitality.

Thanks to Bryan Clark for this AGM Report.

FINANCES During the year, Stationery sales were \$295 compared with \$369 in 1981/82 and profit was down from \$162 to \$101.

DXTimes costs rose from \$4774 to \$6406, with printing up \$1000, postage up \$200, handling up \$140 and editorial expenses up \$70. This year, the average cost per magazine was \$1, and no grant was sought from Government.

League income was \$7471 and excess income after expenditure was \$739. Current account funds stood at \$4300 and Term Deposits at \$3000.

Copies of the Annual Report and financial statement are available from the Secretary, P O Box 1313, Invercargill, or can be seen at your local branch meetings.

The tradition continues...

Alternative Radio could be defined as the listening to, of any station which is not meant for public broadcasting; ie: any station not included under the traditional classifications of commercial shortwave, mediumwave, longwave etc. For most DX organisations, stations not meant for public broadcasting are called "Utilities", or abbreviated as "Utes".

There are hundreds of stations filling the so called "outbands" and dozens of different modes of transmissions are used. To describe all the modes used would require the writing of a text book and to receive them, a fairly sophisticated computer and receiver.

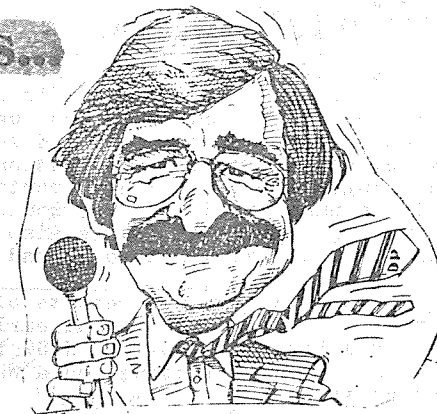
My equipment comprises an FRG-7 receiver modified to include digital frequency readout, crystal BFO and narrow band mechanical filters. A home built 64K computer is used to decode morse and RTTY (Bandot) code.

Probably most commonly heard Utes are the "Point to Point" feeder transmissions, which provide programme feeds between the studios and the relay bases of international broadcasters. The receiver BFO is usually needed to receive these transmissions as they are often in the single sideband mode (SSB). Either upper or lower sideband is used, and in some cases (ie: VOA), a different transmission is carried on each sideband.

If you are tuning across the "outband" and you receive a signal which you cannot reproduce clearly, the chances are that you need only turn on your BFO (Beat Frequency Oscillator) and retune very carefully, to hear an intelligible point to point signal.

Radio Australia frequently uses 12 290 kHz from Lyndhurst to feed the Carnarvon transmitters. This feed is understood to only be a backup feed in the event of microwave failure.

VOA point to point transmissions have been heard on 7651, 19 505, 9 350 and 13 860. Transmitters at Greenville, Delano and Bethany use these frequencies to feed relays at Poro, Kavala, Tangier and Colombo.



with BILL PEARSON

From their Daventry site, the BBC use several 30 kw ISB transmitters to feed their Cyprus, Antigua and Masirah Island relay bases. Frequencies recently heard include 20 455, 20 345, 15 670, 19 455, 12 179, 12 127, 9 320, 7 973, 20 355 kHz.

Other stations frequently heard in the SSB mode are Radio Free Europe, Radio Liberty and the Voice of Germany.

Obtaining a verification from a point to point station may not be an easy task. The transmission is obviously beamed to a particular country for a specific purpose. The fact that you hear the station is of little use to the transmitting authority because they know they are beamed in a particular direction and are being received by the relay station. That is all they are really interested in. Don't be disheartened though - you may be lucky!

Over the next few months I hope to bring to your notice other types of stations - Radio-telephone, RTTY, Morse, Aircraft, Coastal... just to name a few.

Editorial Note: articles, items of interest, comments and observations about any form of alternative radio are welcomed and will be published as space permits. Please mark your contributions "Alternative Radio" or address them to Bill. The DX Times is pleased to extend its coverage into the "outbands" and is delighted to welcome Bill back to the team. The DX Times now covers all major aspects of radio in the Pacific region, thanks to your support!

With PAUL RAWDON of Eastbourne

month is the granting of a permanent FM warrant for Radio Waikato. cater for the 20's age group. A condition of the warrant is that station is closed down with in the next two years. Meanwhile, a has been granted for a station to serve the Hawkes Bay area. further information is available. (via David Ricquish) In Wellington will be held next month for two stations to serve the Wellington. Wood Radio I, Radio Windy, Stereo FM - Wellington, Coast FM and Coast FM are also applying for a warrant to serve the Kapiti shift 2ZM to FM and to open the commercial Concert FM service.

HUTT has reports off to 1ROQ-FM 89.4 and 1MJK Friday in Rotorua early September. Both stations between 1030-1130 NZST for a week. Verie from 1ROQ via bulletins and a wad of information on how to

Zealand, we are on the brink of an FM explosion, in three years since the first FM stations went on air. An article first appeared in the 22 September edition of the Australian Broadcasting Tribunal's journal. **THREE YEARS DOWN THE ROAD.** The commercial FM stations have shown improvements in overall share of audience since the beginning in 1980. With the exception of 5SSA Adelaide, the other stations have also improved their market ranking since the beginning in 1982. Adelaide market (5 commercial, 2 national, ABC-FM) is now fourth ranking, increasing its share by 3.4% since the beginning in 1982. 6NOW is currently the second rating station in Adelaide market. 6NOW and 6PM are presently separated by 2%. In Brisbane (6 commercial, 2 national) 4MIMM is the station behind 4BH and 4BQ. The stations share of audience has increased by 6.3% since early 1982. In the fragmented Melbourne market, 2 national ABC-FM, 2JJJ, 2MMM and 2DAY are presently ranked fourth and fifth respectively. 2DAY has doubled its audience since the beginning of 1982 when the station was in a poor position. In the equally fragmented Melbourne market, 2 national ABC-FM, 2JJJ, 2MMM and 2DAY are presently ranked sixth and seventh respectively. Each station's share of audience has improved since the beginning of 1982. All FM stations have shown an overall reach since early 1982. 6NOW has increased its reach by 10%, 4MIMM by 8% and 5SSA 6.4%. In Melbourne and Brisbane, stations have recorded lesser increases in order of 5% and 4% respectively. In Brisbane, the only station which relies on 10-17 year olds is 3FOX. The Sydney stations 2MMM and 3EON, which present a contemporary hard rock format, have a higher percentage of 10-17 year olds in their audiences than their counterparts 2DAY and 3FOX.

Summer FM sought

Harbour City FM has applied to the Broadcasting Tribunal for a temporary FM radio station licence to operate from December 16 to January 13, 24 hours a day. It is intended the station will broadcast from Johnsonville.

Harbour City FM has grown out of an existing recording studio operated by an incorporated society since 1961 in Johnsonville.

The studio has recently been equipped with the latest recording hardware, which will be used during the summer broadcasting, says the chairman, Mr Robert Brace.

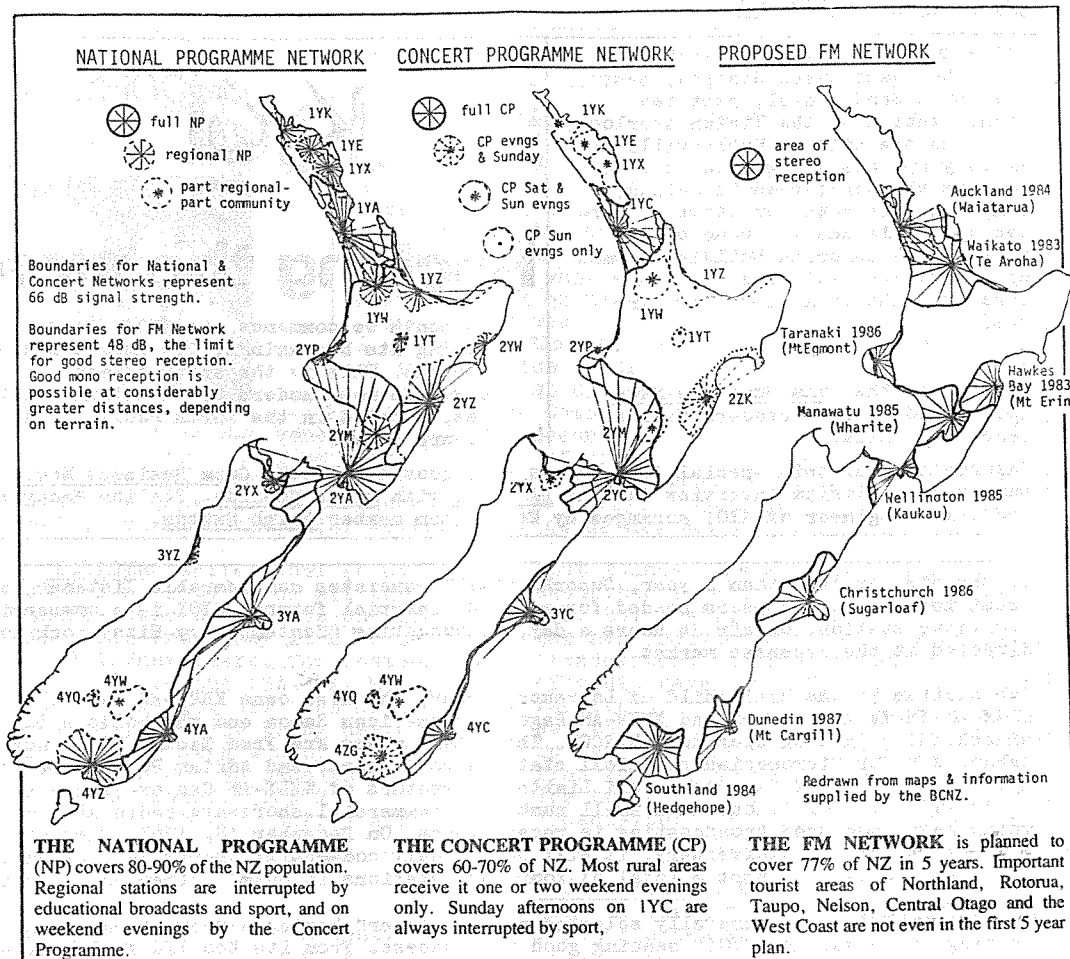
The station would provide a stereo sound for the Greater Wellington area, featuring rock and gospel rock. A 500-watt transmitter would be used, he said.

"Evening Post" 13/10/83 via Paul Rawdon

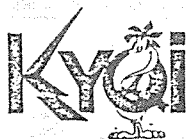
Queensland LTD TVQ-0 Brisbane and Queensland Television LTD had their licences re-newed for a further three years to August 86. The renewal of licences for 2NUR-FM and NBN-3 TV were to take place in December.

At the beginning of the TV&FM DX Season. With the rapid developments in New Zealand, this could be the last summer where you will have a DX reception.

73's Paul Rawdon.



Saipan's Beach Road, Guard Station, past Hotel, past two at the Tinian overlook, 11 to Koblerville and a right on to what 'st road in Saipan, town for about a quar- and you come upon a crete building, framed hat look like they rom the "Star Wars"



Rocking the world

This month we commence the KYOI story, covering its beginnings, its format and equipment. This is the story of one of the worlds most modern broadcasting facilities, located in the North Pacific, on air 24 hours a day.

Guam Business News
to readers in its

this special feature has been provided by the Guam Business News sive interview for the DX Times with Butch McBride, Station Manager eer of KYOI arranged by Wellington member Ralph Sutton.

less than a year, SuperRock KYOI generates considerable listener int- and appears headed for a sound financial future. KYOI is a commercial on, on air 24 hours a day, broadcasting "Contemporary Hits" rock music Japanese market.

the brainchild of Lawrence Berger, who also owns KHVH-AM Honolulu, ana, Guam and WVUV-AM Pago Pago, American Samoa and who holds a 50% KYOI operator, MARCOM. The other owners are Fred Zeder (25%), now the Micronesian political status negotiations, and Adrian Perry (25%) the t of Kentron Hawaii Limited (operators of WKLE-AM Canton Island in the YOI is one of a small number of commercial shortwave radio stations enced broadcasting in recent years. On December 18, 1983, when KYOI 1st anniversary, it will be the only commercial shortwave station in ic amongst a total of four such stations in Guam, Saipan and Alaska.

has a carefully selected name - "Super" having a very strong, positive 1, and "YOI" meaning good in Japanese. From its two 170 foot towers acific skies, the latest in rock music is beamed to a young Japanese to 30 yearolds from one end of Japan to the other. Major advertisers station and its programs are Seiko, Sony, Continental/Air Micronesia magazine.

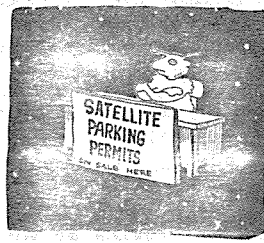
ilities on Saipan employ just 6 staff, working as operators, antenna ever else is needed to keep the station on the air around the clock. e prepared in Los Angeles, California by the Drake Chenault Company, e jingle "Music from Los Angeles" is frequently heard, and then air- pan. KYOI retains a representative in Japan to advise the programmer s Japanese pop music trends. Sales of airtime are made in Japan, and from Honolulu with most business being conducted by telephone and me of the most comprehensive international broadcasting operations s KYOI at the front in the development of Pacific broadcasting.

nd thousands of letters and reception reports since coming on air, e all reports with cards postmarked "Saipan CM". The station also ge interest in Saipan as a vacation spot.

Continued next month

Musings

With TONY KING



radios in their wooden veneer cabinets it doesn't look much, but it is certainly typical of the army surplus sets that many of us used. Does the archives want, or have room for storage sets of this kind. Let's hear what is in the archives and what they are looking for! (Heartily agree Barry. I have Hauraki tapes I'd like to donate, but even the Chief Editor can't guide me. How about it 1313.)

NORRIS STURGESS writes that he has been making up a table of all the frequencies used by the VOA and finds that the same frequency is used by a number of transmitters, for instance 15205 is used in the USA, UK, Morocco Kavala, and Brazil. How does one identify which one is being heard? If anyone would like a copy of my list, I'd be happy to send them one on an EOE basis. (EOE?) - Box 2242 Rotorua. Norris also seeks a points system for our competitions. (P.O. Box 3011 Auckland.)

GRAHAM SMEE, 67 Abraham Cescent, Palmerston North would like a simple circuit for an aerial tuning unit.

RALPH SUTTON, 21 Rama Crescent, Khandallah Wellington 4 would like to hear from anyone who has had experience with a McKay Dymek DA5 AM Antenna, and a McKay Dymek AM5-6 AM Tuner.

Another variation on the plea for info on the Gilfer mod to the FRG7700. Norris Sturgess would like to know what improvements you can expect with this mod as he is prepared to send his set to the States for modification!

Observations, comment, opinion, and questions, all in the spirit of the DX hobby.

BARRY WILLIAMS, Auckland, makes a good point for openers: "The N.Z. Radio DX League has an archives section, one we hear very little about. Perhaps members could be informed by those responsible for administering it as to what the current situation is. I would like to know, for example, where the collection is held, what the collection comprises, how many QSL's there are, in what order are they filed, is there a regular check on their condition, is it available for viewing, and what receivers are in the collection? I am storing Lloyd Clayden's last receiver he used an army surplus Bendix MN26C compass receiver, probably one of the best DX broadcast receivers of its era the 50's and 60'. Compared with the earlier pre-war radios in their wooden veneer cabinets it doesn't look much, but it is certainly typical of the army surplus sets that many of us used. Does the archives want, or have room for storage sets of this kind. Let's hear what is in the archives and what they are looking for! (Heartily agree Barry. I have Hauraki tapes I'd like to donate, but even the Chief Editor can't guide me. How about it 1313.)

What sounds like a mammoth job is described in a letter from Bob Logan, P.O. Box 15411, New Lynn, Auckland 7. Bob has produced a "list of shortwave broadcasters in English, and a summary of radio resellers (Communications receivers) in Auckland and throughout New Zealand." If you would like a copy Bob will supply for a SAE, with 3IRCs from Australian and Pacific readers. The title is : 'Bob Logan's Religious Broadcasters List of English Speaking Shortwave Stations."

PAUL STRINGER, Christchurch wants to pass on the word that the VOA will produce a new magazine in the New Year. It will be free and be issued every two months. To get Voice magazine in NZ write to Brian Strong, Media Affairs Specialist, U.S. Embassy, Private Bag, Wellington.

DARREN MORRIS, Apia Western Samoa, has sent in a suggested way of binding the DX Times. Many thanks Darren for your trouble. I'll see if I can draw them in next issue.

BRUCE OFFICER, Tawa, briefly reminds us of the passing earlier this year of Dr Trevor Wadley, who devised the Wadley Loop principle now an important part of Raçal, Drake, and Yaesu equipment. Thanks Bruce.

is in the South Pacific, just to the north of Apuricorn, 2000 km northeast of Sydney, of Auckland and 1300 km southwest of Nadi. Noumea has a population of 140 000 people, and Noumea is home to 60 000 of these. I allowed several members to spend 15 days in Noumea, where apart from sunbathing, girls, wine and dining, I also found a few facilities and its facilities.

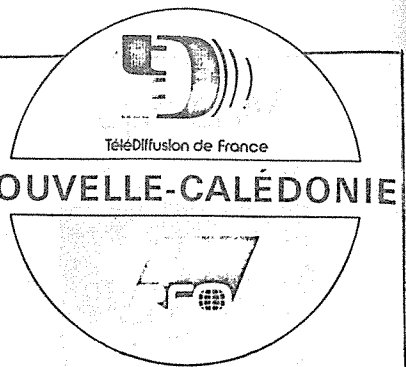
Under clear skies and the sun bouncing off the Quartier Latin, I found myself at the studio complex. Crash barriers and high walls, but some broken French spoken into my ear got me into the compound. Then I had to push through thick armoured glass that I had no intention of blowing up the electronically controlled door opened to usher me into the airconditioned foyer. Eventually, someone who could speak English was located and he gladly gave up several hours to show me around the facilities and explain the station.

New Caledonia began in 1920, but Radio Noumea came into being in 1935 when he opened a private station which he operated with assistance from his family. This station was closed down and replaced by "La Voix de la France dans l'Outre-Mer" with 4 staff and with studios and transmitters located on Mont Coffyn. In 1957, the station was controlled by the Societe de Radio France d'Outre-Mer which became known as ORTF in 1960 and employed 400 staff. 4 years later, Radio Noumea became known as France Regions 3 and has since then become Radio France d'Outre-Mer with a staff exceeding 70.

Transmitting functions are carried out by two separate state bodies and are the facilities in the Rue General Sarrail which were constructed in the 1950s. These houses radio and television production studios as well as various offices which will shortly be moving into a separate building. This will leave the tower standing only radio and TV studios. The tower standing in the rear is mainly used to relay programs to main transmitters throughout Noumea and the rest of the territory will be relocated on another mountain on the east side of Noumea.

Transmits over 90% of its programs locally, with some educational programs imported from other RFO stations around the world. The record library is extensive, and records, and others can be airfreighted from a central record center in Paris. The studio is very plain and large. During my visit, the program on air was "Le Regime", a popular talkback and chat program mixed with latest pop hits. A young lady was seated in a cane chair in front of a large table with coffee cups and chain-smoked in defiance of the non-smoking signs in the other room, the technician cued records and advertisements. Although the studio is everything hung still in the afternoon heat and the faint clacking of the record library next door could be heard. RFO is now subject to a lot of interference from a private commercial station a few miles away in the Vallee des Colons. RFB arranges extensive coverage of its activities and programs in the local magazines and over the TV channel.

Radio France d'Outre-Mer has the AM outlet on 666 khz (co-sited with shortwave transmitters on the east side of the peninsula on which Noumea is located) together with a station on Mont Coffyn on 90.2 MHz and another at Semaphore covering western Noumea. There are 5 additional FM repeaters located on the eastern and western sides of Noumea, as well as Aoupinie in the central mountain chain. The station has microwave relays, with all facilities duplicated in case of power failures or in the event of a microwave relay failure as well as being co-sited with television relays.



News services are provided by a staff of local journalists, who, like many of the staff, have experience on state and private radio stations in France. The telex machine is a little old but links RFO direct with Paris and major international news agencies. Full time monitoring of Pacific region stations takes place on both shortwave and AM, and assistance is provided to Radio Vanuatu for French language news items.

The television facilities were also visited, where tremendous difficulties are faced in a sub-tropical environment. Film is stored in temperature controlled rooms and production is restricted to about 10% of total airtime. The station is replacing all equipment with lightweight video gear, and this was still being unpacked during my visit. The studio is small, and this limits the range of local productions. Each day, the satellite earth station at Nouville in Noumea Harbour takes 1 hour of news programs direct from Paris, and highlights are edited for the evening newscast. Other programs are airfreighted, but with the positioning of new satellites in the Pacific, more and more live programming will be accepted from France. At present, programs come via two exchange networks. The first is via St Pierre et Miquelon (off the Canadian coast near Newfoundland), thence to Reunion (in the Indian Ocean), to New Caledonia and then on to Tahiti. The second chain is via Guadeloupe and Martinique (in the Caribbean) and French Guiana (South America), so programs have a distinct international flavour although the French language is common.

The current schedule of RFO, known locally as both "RFO" and "Radio Noumea" is for 100% French language broadcasting Monday-Sunday 1845-1100 GMT, except on Saturday when close-down is extended to 1300 GMT. News bulletins are aired 9 times daily (6 times Sundays) and regular weather forecasts also cover the New Caledonia maritime area. A full local and maritime forecast is aired at 1056 GMT Monday-Sunday, followed by full station ID listing all frequencies and locations of the AM, FM and SW transmitters before signing off at 1100 GMT with the French National Anthem. All local IDs are given as "RFO" only. Currently, shortwave transmitters operate on 3355, 7170 and 11710 khz providing coverage for the Iles Loyaute, Ile des Pins, Belep Archipelago and isolated mountainous regions of the interior.

English language pop music is very popular in Noumea, and record stores stocked a wide range of recent hits along with many older releases. Australian and New Zealand artists are well known. RFO tends to play a great deal of American rock music, with disco still popular, but there is a distinct Caribbean influence as well with Creole and African music often heard on music request sessions for listeners in the Melanesian towns and villages in the north of the island. Of course, a great deal of airtime during the day is devoted to the French language music, giving way to English rock music more during the evening.

Lying on the beach on the Baie des Citrons, idly tuning the FM dial when, surprise, a different program! Noumea now has a private commercial radio station, known as Radio Rythme Bleu, or "RRB" per station IDs. Located in the Valle des Colons, RRB broadcasts in FM-stereo from 2 transmitters on 98.0 and 100.0 MHz in the Noumea area. Schedule is Sunday-Thursday 1825-0800 and 1055-1300 GMT and Friday-Saturday from 1825-1300 GMT.

Programs are very popular, with many record stores and car stickers advertising RRB, and RRB also sponsors the local weekly hit parade in the major weekly magazine "Tele 7 Jours". English language and French pop music receives equal attention, and some minority language programs are also aired. I heard the Vietnamese and Indonesian programs, featuring latest easy listening music in these languages, and providing a sound quite distinct from RFO programs. Commercial sponsorship of airtime is noticeable, especially by Prisunic, one of the large supermarket/department stores in Noumea. The RRB signal is only audible in the immediate Noumea area. Inquiries did not reveal any other private stations on the island, but distances are so great (400 km from north to south) and demands for independence so vocal that it would not be surprising to find low powered local stations in some of the more isolated regions operating on FM.

**TIERCÉ RADIO
RYTHME BLEU**

R.R.B.
RADIO RYTHME BLEU
MF 10 MHz et 98 MHz
STÉRÉO
Tél. 28.33.57

Broadcast DX With PAUL ORMANDY of Oamaru

A warm hello to you all, were ever you may be. Despite all the rain I think summer is on its way and Day Light Saving will soon commence, hopefully bringing with it plenty of opportunity to twiddle the dial. Please accept my apology for the poor readability of the last Mailbag, my typewriter was overdue for a new ribbon and I didn't realise it, \$7-75 later we're back in the bold.

The turn-out this month is the lightest for over a year, perhaps everyone is busy spring cleaning prior to being "Yank-struck". Bryan Clark went on a DX sojourn to the Chatham Is., and provides an interesting trail whilst Peter Chambers has been up in the wee small hours hearing copious quantities of exotic DX. Wouldn't it be nice if we all had the same amount of real estate as the Chamber's!

I'm afraid I must don my hypocritical cloak and say 'no-one entered any mini-trail items' but then I was shifting house. However your help is required for the next area to be lime-lighted, that is Tasmania and following the interesting article in last month's Times about broadcasting on the 'Apple Isle' your appetites should be sufficiently whetted to provide a comprehensive listing. So go to it! Get your loops out and listen. Remember, the trail is for the benefit of our junior members. 73s Paul

Patrick Martin, Seaside OR

Patrick reports a pleasing upsurge in DX particularly from Japan, logging these JOAB 693 JOJD 1035 JOOR 1179 JOAD 1125 HLCN 819 HLCA 972 R, Thailand (exc. sig. presume now 1000kw) 891 Tuvalu 621 DWRV 846 Kangnam DPRKorea 657 (via Hong Kong) XERF 1570 and 2RPH 1629. Veries in from KWSU 1250 KLOG 1490 KRKO 1380 and VL2UV 1692 and DXCC only after 'phoning the station, that costing \$15 for 8 mins. Perhaps DR should ring Radio Otago 4XA/E/O!! Also country 61 from YVOD 780 Ecos del Torbes. Thanks Patrick.

Brian Webb, Upper Hutt

Keeping active with reports out to R. Fiji Raki-raki 1467, Shanxi PRChina 549 2AP Nuutoi 540 and no burden on the postie. Dont worry, if you send enough out you'll get some back. Well thats the theory I work on.

Lindsay Robinson, Invercargill

Still trying to find the Icoms power switch has managed to log 2CA KGST 1600 Port Moresby 585 and from Tiwai, KR0W 780 2SM 2EA 1385 1486 CFCN 1060 whilst QSL's are in from KNIX 1580 and KUHL 1440 both with stickers, also 2EA 1385. Hope you had a safe and speedy journey home.

Mike Smith, Opunake

Is most pleased to have logged KICY 850 on the kitchen table with the DR22 and a loop (I'd be pleased to log them any old how) as well as HLSV 1305 and tentatively KLOV 1570 (Great catch if it is). Meanwhile results from Te Araraa are appearing in the mailbox e.g. 2WEB KDOWN 720 4XT WIDD 610 VOA Antigua 1580 Caymans 1555 KFQD 750 KPRZ 1150 and KKOW 860 giving 49 countries and 29 States. Just one more to tick over the 50 then on to 100 eh what! Shall pass on your regards, fancy logging an Alaskan on an internal ferrite-rod aerial.....

Ian Cattermole, Blenheim

Clearing up a few 'locals' with logs of 1ZT 1ZU 1XB 1XC 2XL 2ZH 3ZE 4XC/XE KHEI 1110 and Funafiti 621 veries in from 1ZU 1XC 2ZH and KHEI. What do you use for an aerial Ian? Must be some good beverage sites around Kenepuru!

Keith Robinson, Invercargill

A comparatively quiet month with logs away to 4GM and WXVI 1600 with one reply from R. Tuvalu 621. Perhaps you could give us some details on your aerial set-up Keith. You must have something worthwhile with all those Yanks you hear.

Mark Nicholls, Queenstown

Recovering from 4 weeks holiday and collecting QSL's from 2XR 1125 2ZK 3MA and KYOS 1480 (after a follow-up). Have you booked in your '84 hols. yet?

Arthur Cushen, Invercargill

A very quiet month with rewards from R. Tahiti 738 and A3Z 1017. Verifications nil! Lean takings indeed, no doubt it will improve.

Laurie Boyer, Invercargill

KYXI 1520 KOFY 1050 CKSW 570 KKBZ 1400 KENZ 1240 KEST 1450 KPAY 1060 KIST 1340 KNEZ

It is the end of the Weather Forecast

Chatham Islands is that place we hear about at the end of the National Weather Forecast, a rarely unknown quantity. From a DXing point of view, it has no local radio stations, and is a remote part of the American continents, which should auger well for a visiting DXer, keen to check out the weather. So it was, in mid-September, when I spent 4 days on the island.

You would always carry a spare watch or clock when travelling overseas, so as to keep track of time. This is particularly so in the Chatham Islands where there is a three-quarter hour time difference from the mainland. Fortunately however, the International Dateline makes a convenient detour around the island, avoiding the additional confusion of today being yesterday! (or is it tomorrow?)

Mr Tony Magon has been based at Chatham Islands Radio in Waitangi for the past few years to provide a guided tour of the Post Office station. As well as radio-telephone and telegrams, Station ZLC provides radio services and monitoring for coastal shipping and fishery services the twice weekly air services from Wellington or Christchurch. In fact, the station has been providing the Chatham Islands with a 'broadcasting country' listing in the World Radio Handbook for several years around 1960.

Station ZLC began operation as a marine wireless station in 1924. It became a DX catch proper when it started broadcasting a daily bulletin for the islanders. For many of us, it was the 'broadcasting station', but regrettably the NZ Broadcasting Commission redefined that definition - officially that station was moved to 2556kHz in June 1974, the AM signal was moved to 9.00am local time (2015 GMT) and replaced by a local weather bulletin, followed by a daily news bulletin. Apparently locals listened to the broadcast on a medium wave, and some people I spoke to said they could still hear it as audible in some parts of Waitangi. I last heard the newscast in May 1978.

What with the move of Chatham Islands Radio to an all-SSB operation earlier this year, and the fact that further such broadcasts, even if the powers-that-be were willing.

My mobile DXing from a hired Landrover, but the majority of my listening efforts were from a room in the Hotel Chathams, situated on the foreshore of Waitangi Harbour. About 10 metres from the room as a makeshift antenna, and hooked up to the Drake SPR4. The only man-made source I had not previously encountered - the Space Invaders video machine in the room and the limitations of my aerial, there was plenty of DX available. Shortwave reception was excellent, with the discovery of Italy's Radio Time on new 7108kHz; hearing Radio Zinica, The Voice of Nicaragua, on 6120, 5950 and 6215kHz respectively, providing 3 slants on the revolution; reception of LRA36 Argentinian Antarctica on 15474kHz. On medium wave, several Peruvian and Nicaraguan stations, plus numerous Yanks were audible nightly. 10kHz channel carriers were AT, with the first loggable signals coming from KDAY 1580 at 0424. Practically all NZ stations were heard during the daytime at varying levels, but, unlike Auckland, no daytime Pacific stations were heard. New Zealand's Shortwave Service provided disappointing reception, but fortunately MW reception was good for normal listening day and night - the best National Programme outlet being 2YW however their synchronised signal with IYT Taupo gave rise to a selective fading effect, giving the impression that the New Zealand mainland was 4500 miles distant, rather than 400 miles.

With an external longwire antenna, a DXer would find the Chatham Islands to be a DX catch of two (not the local brew!), anything in the Americas would be fair game on MW, and in the Pacific on HF. Mr Tony Magon told me that in the weeks before my visit, he had been hearing Monte Carlo from the mainland.

BRYAN CLARK 9/83

★ CHATHAM ISLANDS (N.Z. Territory) ★
L.T.: GMT+12½h. - Pr.L.: English.
CHATHAM ISLANDS BROADCASTING SERVICE, Waitangi
HOME SCE.: ZLC 2196 kc/s 136.6 m 0.05 kW: D, 21.45. Local news, news on shipping and aircraft arrivals from New Zealand.

★ CHATHAM ISLANDS (N.Z. Territory) ★
L.T.: GMT+12½h. - Pr.L.: English. - Po.: 700.
CHATHAM ISLANDS BROADCASTING SERVICE, Waitangi.
HOME SCE.: ZLC 2196 kc/s 136.6 m 0.05 kW.
Station ZLC does not operate a broadcasting service. It is owned by the New Zealand Post Office; its primary function is the transmitting of comm. telegrams to the smaller islands in the group. Items of a purely local nature only are also broadcast.

How the Chatham Islands featured in the World Radio Handbook in 1960 and 1962.

BROADCAST TRAIL

FROM BRYAN CLARK - THE CHATHAMS TRAIL

- 750 0457 YNX R. Sandino "la emisora Sandanista Nacional" gd clear sigs.
- 820 0505 WBPW Fortworth, TX ad for "Holiday Inn, the greatest place to be" then live sports commentary. (usually C&W mx-ed.)
- 854 0507 OAX4A R. Nacional de Peru presume the station w/prolonged SS cmtry
- 960 0701 OAX4D R. Panamericana, Lima vgd w/"musica peruana" and promo's
- 1010 0725 OAX4U R. America 'frecuencia modulada con stereo' infrequent ids w/pop songs
- 1020 0805 KBCQ Reswell, NM ending its broadcast day w/closing annc. following gospel prog. Off abruptly then KTNQ back strong in SS
- 1040 0806 WHD Des Moines, IA id after nx then LKS (Larry King Show) intro.
- 0802 OBX4O R. Onda Popular, Lima mxd Yanks. (sked 24hrs 10Kw)
- 1060 0805 XEEP R. Educacion, Mexico City, dominant w/classical mx prog.
- 1070 0800 KNX Los Angeles, CA w/"Newstalk" over unid. latin w/CBS mx
- 1100 0452 KFAX San Fransisco, CA w/hot gospel preacher. (relig. format-ed.)
- 1120 0808 KMOX St. Louis, Mo mxd w/KPNW Eugene, OR both running news
- 1125 0812 YJB1 Vanuatu fair w/EE nx. (sked EE nx 0815 Mon-Fri, FF 0830, Bislama 0800)
- 1130 0752 KWKH Shreveport, LA "the station you depend on" football promo over Latin
- 1170 0630 KVOO Tulsa, OK vgd w/Country mx. Gospel mx 0816 mxd 2CH
- 1380 0820 CB13B R. Colo-colo, Santiago w/non-stop mx. 0829 "Radiotaxis" ad, t/c ident
- 1520 0715 KOMA Oklahoma City, OK w/"two in a row" country songs, vgd
- 1550 0739 KQWB Fargo, ND id after ads then "Nighttime America" prog.
- 1590 0653 KBBQ Ventura, CA country mx, phone chats w/DJ on East/West relations
- 1600 0847 KGST Fresno, CA ranchers mx, all SS format ("Radio Mexicana" id-ed.)
- 1610 0848 Caribbean Beacon, Anguilla vgd and clear w/ prog. info. (Religious format-ed.)

All of the above were heard with a Drake SPR4 and short random wire, in Waitangi the capital of the Chathams. Thanks Bryan. Hope the weather was favourable.

Part Two

- 549 1816 Al-Qurayyat, Saudi Arabia comes in only rarely (sked 1500-1700. This could have been Al-Diriyah or Gizan, both sked at this time)
- 576 1752 Iran, strong, not regular at all (???? un-listed in '83WRTVH)
- 585 1735 Riyadh, Saudi Arabia mxd Pakistan w/Gen. AA svce. Also 1842. Heard occ.
- 594 1912 Duba, Saudi Arabia strong, only heard once (on late? sked off 1700)
- 621 1800 Batra III, Egypt v. strong w/"Sout-al-arab" prog. Regular reception
- 648 1822 Jeddah, Saudi Arabia v. strong w/Gen. AA svce. Only heard when condx. best
- 702 1804 BBC Masirah Is., Oman strong, irregular
- 711 1817 Abu Zaabal, Egypt fair sig. w/peoples commercial prog.
- 720 1900 BBC Zakaki, Cyprus w/Westminster Chimes then Big Ben and "Huna London" id.
- 729 1815 Sadiyah, Abu Dhabi UAE mxd w/other AA 1848.
- 855 1845 Harar, Ethiopia u/Aussie carrier. Once only.
- 900 1832 Al-Qurayyat, Saudi Arabia ?, weak hrd once only
- 909 1833 Hurriyah, Iraq strong and reg. w/Voice of the Masses prog.
- 981 1809 Unid. AA hrd once only strong under NZer. (Yemen AR or Iran ??)
- 1062 1746 TRT Diyarbakir, Turkey reg several days running
- 1188 1800 Al-Miswah, Yemen PDR incredibly strong, strongest Arab 230883 & 240883
- 1233 1818 R. Monte Carlo, Cape Grece, Cyprus v. strong occ. one morning only. AA prog.
- 1260 1802 VOA Rhodes reg. o/NZer w/AA prog. Sked 1700-2100.
- 1368 1747 Victoria, Seychelles strong, occ. sig. Sked 1345-1800. FF nx 1700
- 1404 ??? Unid. AA u/strong carrier. Interesting!
- 1440 1700 Ras-as, Saudi Arabia excellent every morning 1700-1930, usually strongest
- 1467 1824 Isfahan, Iran reg. but usually weak.
- 1467 1856 TWR Monte Carlo, Monaco exc. sig 1856-1859 w/musical box int. sig. Faded briefly then hrd w/FF past 1922. Int sig again at 1922½.
- 1467 1900 Kishinev, USSR ? thru Monte Carlo w/choir mx, strong
- 1512 1800 Jeddah, Saudi Arabia strong o/NZer w/one long tone then nx in AA
- 1521 1824 Duba, Saudi Arabia strong o/NZer w/Gen. AA svce
- 1566 1758 Sfax, Tunisia v. strong w/mx peaking w/Malta 1557Khz
- 1557 1900 R. Mediterran? Malta, first trace of European reception on 300883. Also herd 06&070983. Using one medium pitched short tone between items. OM annc AA

10 KT08 1490 KXOA 1470 KCTY 980 KWG 1230 KRDG 1230 KCKC 1350 KSLY 1400
 1360 KOBO 1450 KBLS 990 KPRL 1230 KAVR 960 KGRB 900 KTOM 1380 KBOI
 KNOK 1080 KGOE 850 Bayerischer Rundfunk, Munchen 801 Nerdeutscher
 : 828 Czechoslovakia 1287 RNE Cacaes 774 all replying but no logs!
 : the new manager of the Moeraki Motor Camp, his name escapes me for
 : he said he used to work with you at the Printers. You shouldn't have
 : in you next visit the camp.

Opunake
 Jay to AIR Rajkot 1071, HLSA 603 KNX 1070 KTOM 1380 Batra III Egypt 621
 en PDR 1188 KAIM 870 Jeddah, Saudi Arabia 1512 Hurriyah, Iraq 909 TRT
 32 KUAM 612 6WB RRI Medan 855 TWR Monte Carlo 1467 CKLG 730 BBC Zakaki
 :lops, Malta 1557 with the only verie from KNX. Thankyou very much for
 more would be greatly appreciated.


Hamilton
 is back from 4XA with car sticker and an apology for the delay. Good to
 Jim, I hope the health is 100 per cent.

Greymouth
 2XS with replies from KNIX 1580 and 2XS. No promises about Waianak, but
 oblige one day. Try getting on top of one of those mountains over there
 do the trick with the Yanks and Caribbeans.

Damaru
 pl-resting and recuperating from our house-shift. The 6m. aerial has
 d on KHSL to my set, the Latins have responded well again with 4VAM
 280 HJER R. Pacifico 1030 (after f/up) HJJP R. Villavicencio 1110 HJCR
 30 HJLJ R. Tigre 1500 and HCRH2 R. Huancavilca 830 as well as WCAU 1210
 tters are in Moorestown, New Jersey) KYOS 1480. Haiti takes my countries
 1st 27 to go. Hmmm...

E MONTH***
 R. Metropole
 -au-prince, Haiti
 khz 10Kw
 Ormandy
 y!!!

Your Future's Looking Up.



11325 Pegasus, Suite E-241, Dallas, Texas 75238

E MONTH

lar-Abbas, Iran strong w/mx soon faded. Fairly regular reception
 l. gd sig u/het. OM annc right thru the hour sounded like soccer match
 entary. QRM made language unrecognisable. Faded 1910. Only on West bever-
 only once. The mind boggles Peter, pity you couldn't get more detail.
 ks to Peter Chambers for the above. All heard on his Dads West beverage
 enna tuning unit to a National Panasonic 14 transistor portable, using
 ain selectivity sometimes. Well done indeed.

- None, AK gd mx w/local body election results. Id as "KICY AM Nome MS
- ka" at 1000. (Sked 24hrs in summer, otherwise 1657-1055) MS
- Incheon, ROKorea up briefly w/relig. prog. MS
- Uljin, ROKorea vgd w/talk and pops in KK. Chimes Id at 1100 MS
- Jeju, ROKorea exc. w/classical mx MS
- Lovedale, NM. ? YL DJ w/MOR mx ids "Love 16" MS
- Ciudad Acuna, now silent in the period 0800-1100 KR
- Montgomery, AL w/ladies hour requests, soul mx. KR

????????????UNIDENTIFIEDS??
 hrd relaying Western Country Network from Nashville via satellite KR
 n, opens around 0900 w/Andean mx flutes etc, Indian lang?? Not SS KR

Radio ite aces

**eGIRK,
ay Times**

O'Rahilly had wanted to broadcast Caroline from New York by satellite, unjacking the beam down to Britain via a relay ship in the Channel. Instead, he had to settle for broadcasts straight from the MV *Admiral*, using its 300ft radio mast, the largest of its kind in the world.

O'Rahilly claims that Caroline will win over listeners from competitors Capital Radio and B.B.C.'s Radio One. "That kind of radio is so computerised that you feel the musicians are appealing to computers instead of people," he says. Caroline calls on to the airwaves, O'Rahilly intends to broadcast also on shortwave and on AM in Europe.

O'Rahilly insists that Radio Caroline is perfectly legal, but he cannot resist trying to broadcast at his former Home Office addresses. He has timed Radio Caroline's come-back to coincide with the anniversary of the Marine Broadcasting Offences Act 1967 which managed to kill off all the offshore radio pirates but O'Rahilly. The law tries to starve out the pirates by making it illegal for anyone in Britain to assist them with food, supplies, or funds - including advertising. So this time O'Rahilly has simply decided to supply Caroline from Spain, one of the few European countries to permit offshore broadcasting.

O'Rahilly was a sprightly 24-year-old when he unchained Caroline in 1964 against odds he claimed were "a thousand to one." Today he still has freckles, at his long hair is whiter than Captain Ahab's. Sitting at a restaurant table, in a crisp summer sports jacket, he looks like a respectable businessman. Then he stands, and you see he is wearing old blue jeans.

His own musical tastes are grooved into the sixties and early seventies. But Radio Caroline (named after the daughter of the late President, whom O'Rahilly admires even more than Lennon) will play album tracks from the latest rock bands in long, uninterrupted doses. Tired of babbling disc jockeys, O'Rahilly has hired a singing DJ named Bertie. "He can't be any worse."

For a rock entrepreneur, O'Rahilly has a strange aversion to publicity. In recent years, he has become a recluse. He has no office, and refuses to have a telephone in his Chelsea flat. Business associates and friends reach him at his favourite restaurants.

The fun about Caroline in the early sixties was that it established a thrilling conspiracy between the lonely teenage listener and the seaskiff buccaneers of the airwaves. Pop songs acquired the urgency of a ship's distress call.

But the new Caroline must compete with at least 50 land-based pirate radio stations, which beam out programmes on everything from reggae to music hall melodies. One station, Radio Sovereign, based in Twickenham, had even planned to expand into North Sea broadcasting by buying its own pirate ship. Before a millionaire backer pulled out of the venture, Radio Sovereign's owner, John Kenning, had signed a deal with Phillip Morris, the American tobacco conglomerate, worth \$4.6 million in advertising revenue.

Radio Caroline's rivals claim that O'Rahilly may not have netted enough advertising to keep his ship afloat for long. The major American and Canadian advertisers, who originally wanted to cash in on its come-back, lost interest once the new vessel was docked by O'Rahilly's financial tussles.

But help came, from a Los Angeles-based DJ named "Wolfman" Jack, who starred in the film "American Graffiti." "Wolfman's" manager, Don Kelly, agreed to help O'Rahilly with promotion and advertising. Several large multinational firms, O'Rahilly insists, have signed up, enticed by Radio Caroline's ability to reach 8.5 million listeners.

Developments at 3WM Horsham

MANAGING director of 3WM Horsham, Victoria, Colin Cameron, has made vast improvements to the station since he bought it in 1976. Then operating as 3LK the station was housed in dingy, cramped facilities in a location which provided little opportunity for technological development or expansion.

Cameron changed the call sign to 3WM and devised a five-year plan to build the station into one of Australia's most successful commercial regional stations.

A two-year search for a new home culminated in the purchase of a picturesque block of land on the banks of Horsham's Wimmera river. Cameron designed a 35,000 sq ft studio and office complex, with facilities for FM equipment.

By 1979 the station had increased aerial power to 5000 watts, a two-tower direction aerial system had been installed, and a building complex housing a 5kW transmitter and AWA 5kW standby.

Visitors to the station have easy access to the main entry. In the foyer/reception an indoor garden gives a feeling of space. From this area the visitor can view through the observation window the main on-air studio with the announcer at work, and a smoked glass wall provides a view of the control room.

"Advertising News" 10/83



*DS1
Fighting Back for
Young Australia*

Can-Am Report

- 670 KWNK Simi Valley CA new, CP/call granted, 1/1kw
- 700 KRMW Silt CO with 50 000 watts clear channel was due on air 1/9, ID "Rocky Mountain West" to serve western slopes of Rockies, parts of Wyoming and Utah. Address: Red River Inn Silt, CO. Station Manager is Jim Seaney. Format: "Golden Sound of Radio". 24 hour NSP
- 770 KXA Seattle WA granted 50/10 kw
- 1000 KRZD Hayden CO, new, on air since 4/7, IDs "KZ-1000", MOR
- 1010 WBIX Jacksonville Beach FL seeks 10/10 kw
- 1030 WXSS Memphis TN, call sought
- 1150 KBOX Little Rock AR, ex KXLR
- 1320 KUDE Oceanside CA seeks KEZL
- 1360 KRJV Veal CO, new, now on air, IDs as "Radio Vail Village" and "Radio Vail Valley"
- 1370 KTMG Deer Trail CO, new, on air, "Voice of Agriculture for Colorado's Eastern Plains", C/W music format
- KQIL Grand Junction CO seeks here with 5/.25 kw ex 1340
- 1380 KOTE Lancaster CA ex KKZZ
- 1390 WVOE Chicago IL seeks WGCI
- ECBC Des Moines IA seeks KMRY
- 1410 KCLO Leawonorth KS granted 5/5kw
- 1420 KBTW Neosho MO granted 1/1kw
- 1510 KDKO Littleton CO seeks power incr to 10/10 kw
- 1590 KELP El Paso TX ex KKOL

DX MONITOR-IRCA

On 9 September, the Federal Communications Commission (FCC) agreed to longer hours for some 2600 daytime AM stations in the U.S. Most are now allowed on air using a reduced power of 500 watts for up to two hours past local sunset (*New York Times-NRC*) In addition, a bill was passed early September by the Senate Commerce Committee to completely abolish all skywave protection. Clear Channel stations are now trying to get this bill defeated in the Senate. (NRC) However, at the same time, the FCC is planning to increase skywave protection for 16 Alaskan AM stations on 1A and 1B clear channels. The Alaskan Broadcasters Association says that distant service to remote Alaskan villages would be harmed by interference from other stations unless this protection is received. (NRC)

Pacific Report



September 9 was a historic occasion for Victorian country radio when the sales staff of stations 3YB, 3CV and 3MA met at Bendigo for a combined sales conference. The conference followed the recent acquisition by Mildura-based Regional Communications, of 3YB from Associated Broadcasting Services Limited and 3CV from W.O.S. Broadcasting. Lanyon family links involving Sunraysia Broadcasters (3MA) and Regional Communications Pty. Ltd. (3YB and 3CV), enabled the conference, involving 14 staff members, to take place. Pictured during the conference are station managers (from left) Jack Walker (3YB Warrnambool) Jan Morgan (3CV Central Victoria) and Roy Harwood (3MA Mildura).

AUSTRALIA The Minister of Communications has issued guidelines to define the service areas of all commercial and public radio stations. These will be defined in the station warrant, and extensions will not be allowed beyond the area currently receiving adequate service unless a community is not receiving a service and is not within the coverage area of another station. Australian Broadc. Tribunal

- 531 5UV Adelaide, plans to upgrade transmitter, antenna system
- 576 2WBE Bourke plans to introduce extra hours
- 855 3CR Melbourne seeks here ex 837, and power incr to 5kw
- 900 2LM Lismore, now plans 24 hour NSP and 5kw D/A in February 1984
- 918 4VL Charleville plans incr to 5kw
- 963 5SE Mt Gambier seeks here, 24 hour NSP, 5kw, September/October 83
- 1080 6IX Perth seeks incr to 5kw
- 1323 5AD Adelaide seeks incr to 5kw
- 1557 2RE Taree seeks translators for Forster/Tuncurry, Gloucester

(Tune In-NZDXRA)

738 6MJ Manjimup new call, ex 6PB (DX Australia)

NEW ZEALAND 4ZF Te Anau 612 now has local news Mondays 2100-2115 GMT and Fridays 0400-0415 GMT fed from 4ZA studios. Over Labour Weekend, 4ZF will originate local programs as part of Centennial celebrations. Broadcasting Tribunal

4ZG Gore (studio)/Dacre (transmitter) incr power to 5kw NSP now effective. (ACushen)

ZEALAND RADIO DX LEAGUE

New Zealand Radio DX League is a non-hobby organisation founded in 1948, a foundation member of the South Pacific Association of Radio Clubs. Branches active in Auckland, Wellington, Canterbury (Christchurch), North Otago (Oamaru) and Southland (Invercargill).

Postal President: Arthur Cushen M.B.E.
Editor: David Ricquish B.Com

Membership and administration inquiries: Box 1313, Invercargill

Subscriptions, contributions, advertising, and distribution inquiries: Box 2956, Wellington

Operating certificates and inquiries: Box 3011, Auckland

Membership orders and inquiries: Box Sutton, P O Box 11601, Manners St., Wellington

Subscription: \$15 for members in New Zealand. Overseas rates on application. Stationery Secretary, P O Box 1313, Invercargill.

New Zealand DX Times is published monthly by New Zealand Radio DX League at Wellington. Copyright. October 1983. ISSN 0636. Registered at Post Office Headquarters as a magazine.

The Pacific Association of Radio Clubs (PARC) is the umbrella organisation for radio clubs in the South Pacific area, and promotes radio listening and the Handicapped Program in that area. SPARC is affiliated with the European DX Council and the Association of North American Radio Clubs. Individuals cannot join SPARC, but can be one of the affiliated clubs: Down South Cross DX Club (Adelaide), Down South DX Circle (Melbourne), DX Australia (Melbourne), New Zealand DX Radio Association (Dunedin), New Zealand Radio DX Club (Invercargill).

Secretariat: Box 1313, Invercargill, New Zealand.

Arthur Cushen's Radio World is on air every Friday at 1115 GMT over Radio Rhema 2XG at Wellington 1503 khz, 3XG Christchurch 1503 khz and 2XL Nelson 801 khz.

New Zealand Radio News with David Ricquish is on air monthly at 2300 GMT over Radio 2YB Wellington 783 khz. Next programmes are 23 October/20 November 1983.

INTERNATIONAL DIARY FOR NOVEMBER 1 Algeria National Day; 2 Guinea National Day; 3 Dominica Independence Day; Panama Independence Day; 4 Tonga National Day; 7 USSR National Day; 15 Brazil National Day; 18 Morocco Independence Day; Oman National Day; 19 Mali National Day; 20 Mexico National Day; 22 Lebanon Independence Day; 25 Surinam Independence Day; 28 Mauritania Independence Day; 29 Albania Independence Day; Yugoslavia National Day; 30 Barbados Independence Day; South Yemen Independence Day.

PAPUA NEW GUINEA RENAMES RADIO NETWORKS

Papua New Guinea's national radio has renamed its three networks. The changes were announced on July 7 by the chairman of Papua New Guinea's National Broadcasting Commission, Austin Sapias. Radio One, the national medium wave service, will be named the Karai service. Karai is the Motu name for "cockatoo", one of the few birds in PNG that can be taught to speak. This capacity for learning represents the educational services provided on the first national network. Radio Two, the FM service broadcasting in the major cities and towns, is to be known as the Kalang service. Kalang is a Pidgin word, originally from Tolai, meaning the gold-lipped pearlshell or an earring, or the long feather of a bird. These are all highly prized objects, and Kalang reflects the commercial nature of the second national network. The former Radio Three service, comprising 19 provincial stations and broadcasting mostly on short wave, becomes the Kundu service. Kundu is the Pidgin word for a type of ceremonial drum, and so emphasises the NBC's link with the rural populations through its third network.

Pacific Isl Monthly via Jim Benzoni

NEW STATIONERY SECRETARY Admin Committee has received the resignation of Bill Jolly as Stationery Secretary, a position held since 1981. The thanks of all members go to Bill for his fast and efficient service, as well as our best wishes for the future. The new Stationery Secretary is Ralph Sutton, and future orders should be sent to P O Box 11601 Manners Street, Wellington. Welcome Ralph.

BARLOW WADLEY FOR SALE XGR30 Mark 2, exc. condition, battery/mains operation. \$295 ono includes transformer, swap considered. Ron James 4 Atua Street, Johnsonville, Wellington, phone 783 741.....MORO TAPE RECORDER TO BUY, old 2 or 3 speed, sound quality not important. Contact Phil Fowke, 35 Gordon Road, Pilmerton.....GOOD MEDIUMWAVE RECEIVER wanted to buy, older type communications set such as Trio 9R59, Collins, Hammarlund, must be good mediumwave performer. Contact: Ian Cattermole, 213A Scott Street, Blenheim.

TELECOMMUNICATIONS FOR PACIFIC DEVELOPMENT is theme of PTC Conference January 8-11, at Sheraton-Waikiki Hotel, Honolulu, Hawaii. BUILDING NATIONS THROUGH TELECOMMUNICATIONS AFCEA International sponsored, March 6-8 at Philippine Plaza, Manila, Philippines.