

N.Z. RADIO



LEAGUE

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NEW ZEALAND DX TIMES

February-March 1983

Registered at P.O.H.Q. Wellington as a magazine

- * FALKLANDS HEARD EVERY EVENING
- * MYSTERY FRENCH STATION Baffles
- * MAJESTIC 8 PAGE BANDWATCH
- * LOW FREQUENCY LATIN SWAMP THE DIALS MIDSUMMER
- * 2AP ON AIR FOR 35 YEARS
- * ANTARCTICA-THE CASE FOR 7 NEW COUNTRIES
- * CONVENTION 84 IN AUCKLAND
- * LADDER COMPETITION HEATS UP
- * NEW SHORTWAVE STATIONS PLANNED FOR MONTSEERRAT AND ALASKA
- * RNZ SHORTWAVE?

All other front page news is swept aside with the startling news that the Falkland Islands Broadcasting Station is now being heard at excellent level every evening. After decades of silence, which were broken only by emergency transmissions at the time of the Argentine invasion almost 12 months ago, this hard to hear station has become an easy logging. This follows introduction of a new Breakfast Show program commencing at 0859 GMT on the frequency of 3958 khz. The carrier is heard from as early as 0600 GMT, and full station identification is given at sign-on, also mentioning an FM outlet on 96.5. Relay of BBC News follows at 0900 and Review of the British Press at 0910. Local weather at 0915, then into the new program with professional sounding DJs and the latest in British pop music. Frequent announcements mention island activities, and an apology was heard for inconvenience caused by RAF and British Army exercises at Port Stanley Airfield. The programs are designed to entertain British forces as well as local residents. Here in NZ the first reception was noted mid-February by Tony Marr, and it is expected the station could begin signing on at 0959 GMT once the Falklands return to standard time next month. Veteran DXers have long maintained that the only reason the Falklands were not heard in New Zealand was because the transmission time was unfavourable. With the new mid-evening time slot co-inciding with peak reception from the South Americas, their prediction has been proved correct as even the novice DXer now has an excellent chance of hearing the previously most elusive of exotic stations.

What an exciting month! Bryan Clark returns from a visit to Tahiti with news of a mystery French station which could be located at the French atomic testing site near Muraroa Atoll. The longest ever Shortwave Bandwatch fills an amazing 8 pages with reception from stations in Brazil exceptionally good, and even the Shortwave Mailbag enjoys a new burst of life with many excellent QSLs reported. Mediumwave conditions have been rather unusual and some excellent catches from North America are reported, along with another early appearance of Latins. Overseas DX magazines also comment on the unusual conditions, and some fine DX is being noted in Australia and the United States. On shortwave and mediumwave, anything could be heard - as witness the Falklands now being heard every night! Much more news and several articles have had to be held over, including details about the new operation at XERF 1570 - soon to go up to 500kw! The magazine is a little late as a result of airline strikes and weather closures of Wellington Airport, as well as a latebreaking lead story about the Falklands. I am sure you will find the contents of this 28 page issue (a bumper!) more than make up for the slight delay! Next month we have a new section, plus all your old favourites, so send in your news, notes, musings and DX!

CLOSING DATE is 15 March for news, notes, letters, musings, your articles and continued support! Midday on Monday, 15 March please

Student Radio/Alternative Radio

from February 14



1422

ve Mailbag

GUEST EDITOR Barry Williams

Bill is still on vacation.

First to report KYOI Saipan have received verifications. Those later in sending in reports may have to wait a while as no one has been flooded with reception reports and it may take a while to get the back log. I have seen Bryan Clark's QSL, quite a nice QSL. Well worth waiting for. For most of us it will be a new country report for not a QSL card. So lets see what members have been getting

Jelly Nelson ;with 11 reports out for January and veries back BBC 11955, REE 11880, DW 17785, Prague 11855 with a 1983 Very good Des ,I remember during the 60s Prague has cloth ers which I still use in my WRH.

Auckland; has made a rare appearance with veries from the 1982 Citas Asia 9605, R.Australia 15240,17795, RSA 15325, 17745, npa) 9595 . See you again next month ?

Dubai Island ; No reports out ! Very hard to believe . But Dubai 15300, 17775, Iran 15084, Japan via Sines 15190, REE Bilisi 17887.5, Armavir 15405, Baku 15260, Ivano-Frankovsk 95, IBA 11655, Vilnius 17870, Tashkent 5985, AIR 21695, Canada via Daventry 7295, WRNO 9690, Vanuatu 7260, Angola 9535, 5.

Invercargill ; Only 2 reports out KYOI 15405 and 15195 and verie back Noel, a multiband dipole will probably work better on certain ly a compromise antenna at the best . Your receiver should not f a difference provided the input impedance is around 50 - 75 ohms. BC 348 . I used one back in the late 50s for a few months. frequency and selectivity a bit wide. In those days quite a plus equipment used by DXers. Surprised to know a BC 348 still

Wellington ; 8 reports and several IA follow-ups. Dene what th out those follow-ups ? They appear to work though. As proved del Sur 9710 (after follow up) ; Denmark 25850, XEPPN 6185 up) R.Moscow via Moscow 17440, Kiev 17880, Armavir 21475, 21640 (country number 223 - Congratulations ! Might spur Bryan on as Dushanbe) and lastly R. Milano International 6221 800 watts x FM 101 multisparkle stickers and C60 caette of RMT's program.

Palmerston North; During the scholl holidays had time to send out UE this year so DX may have to suffer. I had the same problem but homework is first. Good luck . Verifications in from Madagascar 15220, R.Kuwait 11675.

Invercargill ; 5 loggings this month with QSLs in from . Peking 15120, Kuwait 15495, Israel 13475, Athens 15060, World 30, Turkish Police Radio 6340 after 12 months. Nice one !

Damaru with 7 loggings and veries in from CP138 R.Panamericana a 11938 giving countries 181 and 182 . Congratulations. Another xt month ? It gets harder as you get closer to that 200 mark but

Wellington , 51 Latins logged during January ! Later in year ut giving us a few statistics regarding reply rate etc. Veries erica 6020, 3240, Ondas del Orteguaya 4975, Ivory Coast 4940 .

Invercargill ; QSLs from VLM4 4920, VLR9 9660, R.Moscow 15135, Nice to hear from you Russell. Please use Magazine address for 3956 Wellington .

Steven Greenver Invercargill . Veries in over the last couple of months. ORF 15235, Norway 25730, SBC 25780, VOA Bethany 9525 (for a freq. supposed to be a Brazilian relay.) Sweden 21610, BBC 3955, 25650, AFRTS 25615, Italy 7175, LRA36 15475, R.Vatan 9027, 15555.

Jack Searle Haumoana Postmas left Pkistan 21595, Athens 9865 and Israel 9420. Looking forward to the break ?

Bryan Clark Auckland with KYOI Saipan 15190 , NHK via Sines 15430 . Not your usual standard Bryan, but suppose KYOI not too bad.

Arthur Cushen Invercargill has verified Athens 7095, Austria 17740, 21490, Israel 9420, Vatican 11845, R.Cultura Brazil 17815, WMR Italy 6221, KYOI 11900, 15190, Sweden 15285, Kuwait 15495, Norway 26030, Belgium 6225, Rumania 17815, RN.Bonaire 9510, Madrid 15335, Beijing 15195, Vienna 9515, HCJB 9515. Saipan a new country for you Arthur ?

Laurie Boyer Invercargill (Invercargill seems very busy place with Mailbag this week) Laurie has veries back from VOF 6180, 11915, 6087, Poland 7345, VOA 7325, 7170, R.Australia 11970, R.Prague 21705. Seems you have a bit more time these days for listening. And reminiscencing ?

Alan Gilmour Greymouth 11 reports out. QSLs from: HCJB 15155, 15175, SFR Madrid 15375, Vienna 15185, 11665, 17740, 21490, 11860, 11855, AFAN 6012, Athens 15050, 9865, 17560, BRT Brussels 15590, 21810, 17915, Algiers 15160, Prague 11980, Vatican 15110, RN Lovik 11930, RFI Paris 15300, R.Portugal 15105

Norris Sturgess Rotorua ; QSLs R.Beijing 15435, Duai 11755 . Nice to see them coming back Norris .

Pete Helm Ranfurly. Yes Pete, once you have stopped sending out reports hard to get going again. We all have that problem. But if you don't send the reports out you don't get the QSLs abck . 6 reports this month with veries back over recent months from: RCI Canada 15130 (audience card), SRI 9625, VOA Greenville 15205 (plus bookmarks, stickers and anniversary ruler .) Belgium 7335, REE Spain 21595 (Pennant), Solomon Is. 5020, 9545, BBC 15070, AFRTS Philippines 26000, AFAN 6012, Hanoi 10040,

Barry Williams Auckland has the following QSL d over last few months; WRNO 15420 RM Starobelsk 7305, Moscow 7135, Tula 9775, Komsomolsk- Amur 9795, Kampuchea 11937 Quatar 15505, Sinjiang PBS 5440, Yaounde 4850, VOA Monrovia 15600, RN via Madagascar 6020, 155570.

Percy Hurley Auckland , Very busy with 27 reports out. Veries from Vietnam 15012, ERT 17560, 15050, UAE 17830, Kuwait 11675, REE 15375, WYFR 21545, ORF 11955, AIR 9012, Vanuatu 3945, IBA 21710, RNZ 15485, Polonia 6135, R.Moscow via Kingisepp 21515 AIR Bhopal 3315 (9 months) Hyderabad 4800 (12 months) and AIR Madras 4920 (8 months). Last three very nice. Hope mine come back . Percy, please keep Mailbag notes on seperate page. Many thanks .

BEST OF THE MONTH February 1983

Over 9 mHz Russell Winter
Invercargill
HCJB 26020 khz 100 watts
138 points

Under 9 mHz Arthur Cushen
Invercargill
World Music Radio 6221 khz
1 KW 124 points

Of merit Lindsay Robinson
with Turkish Police Radio
6340 khz 1 KW

STOP PRESS STOP PRESS STOP PRESS

FALKLAND ISLANDS HEARD AGAIN

3958 0900 Falkland Is. Falkland Is
Broadcasting Service s/o
with good signal. Full ID and
opening announcement. BBC news.
Held till 1000 fade out. CRM
R.Beijing after 0930. AM sig
with lower sideband suppressed.

Advice received from Tony Marr.
Coneratulations !

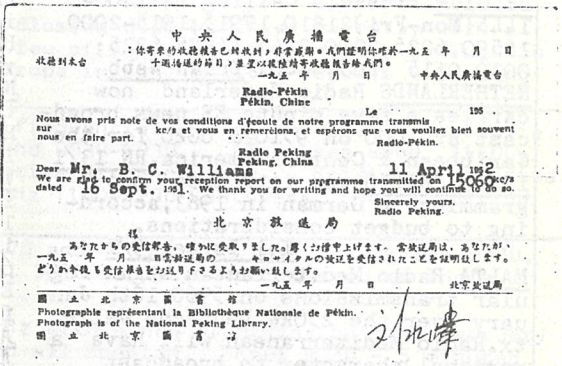


MEXICO: Radio Educacion XEPPM 6185 kHz 1 Kw. SS verie letter (DL) giving frequency & date only but full transmitter info. Received in 2 months for SS f/up for a 1979 rpt. Also sent photo of 'una portada del edificio de la emisora'. V/s Ing. Gustavo Carreno L., Subdirector Tecnico.

POLAND: Radio Polonia 7125 kHz. f/d lakeside scene card in 13 (RJ) weeks for EE rpt & no Rp. V/s Chief Correspondence Sec.

PEOPLE'S REP. CHINA: Radio Beijing 9860 kHz. Special 35th anniversary QSL with gold embossed '35' in 4 weeks for EE rpt. Full detailed card received.

PERU: Radio Loreto 5050 kHz & Radio Huancayo 5955 kHz. Both stations verified from V/s Juler Valdiglesias C. of the Organization Roberto Cruzado in Lima. Add: Francisco Masias 575, San Isidro, Lima, Peru. Very friendly SS ltr recd. along with my ppcd. duly signed and stamped with each station's rubber stamp. Also a pennant received for Radio Huancayo. In 2 months for f/up reports with NZ postcd and NZ stamps. (DL)



QATAR: Colorful QSL for QBS back in 5 weeks for a 2nd rpt and 1 IRC for 15505 kHz. V/s Jassem Mohammed Al-Qattan, Head of Public Rel. (JD) "A relic from the past-R.Peking 1952"

TURKEY: Voice of Turkey 11900 kHz. F/d QSL cd received depicting Turkish flag, TRT & GG/FF/EE Identification and man carrying donkey for an EE rpt and 3 IRC's. Turkish Police Radio 6340 kHz. QSL card received in 15 months for an EE report and some used NZ stamps. (NP)

VATICAN: Vatican Radio 21725 kHz. Special broadcast during Pope's visit to Spain, QSL received in 18 days airmail (how else, hi!) Attractive full detail postcard depicting antenna farm at Santa Maria di Galeria. Also sent latest program schedule which shows this new frequency scheduled to Asia/Australasia 1030-1300 period and to S. America 1330-1430. (BC)

VENEZUELA: YVTO Caracas 6100 kHz. Venezuelan Navy time & frequency station 1 Kw. QSL Crd received together with descriptive leaflet about the station, with details of transmitter, caesium atomic clock and history of the observatory. Also an accompanying official letter of thanks and a private letter from the technician-in-charge offering to exchange music cassettes of Venezuelan music for any local music - as a hobby and to foster international goodwill. All in 6 months for a SS report. (Nice Ralph. Which they would answer my reports. Ed.) (RS)

SAIPAN: KYOI Super Rock 15190 Full detail QSL card depicting comical bird, received in 4½ weeks for report on test transmission. Sent US stamps for return postage. Card postmarked Honolulu although report sent to Saipan. KYOI 15405 kHz. Same card in 20 days for 1 IRC. Rpt sent to Saipan and reply direct from Saipan. However reports for 11900, 15190 & 15415 during test period remain unanswered. (Txn Bryan for p/copy of QSL but too large to use here. Ed.) (DL)

ZAMBIA: Zambia Broadcasting Services. 4911 kHz. White f/d QSL cd in 35 days (LM) after f/up with 1 IRC. V/s Peter Musuba. (Txn Leigh. Hope the Adelaide fires haven't affected you. Ed.)

Txn to: Bryan Clark, Nicholas Pacey, Auckland; Ron James, Ralph Sutton, Wellington; John Durham, Hamilton; Leigh Morris Adelaide, Australia and of course your Ed. Dene Lynneberg. 73.

lcome to the SW QSL Review. The mailbox has picked up again after short lull and some good veries are to hand as usual. Also the 83 ition of the WRTM is out and contains an excellent article on tin American DX'ing by US DX'er Jerry Berg. One of Jerry's points note is that of sending f/up reports to Latins every 3 months. It ld certainly seem to be an idea worth considering (despite the stage costs) if his impressive lists of Latin veries, which appear ch month in 'FRENDX' are anything to go on. Anyway without further the mailbox and reveal all once again.

Nacional Buenos Aires LRA31 6060 kHz. Two replies received for rpt of June 1980. Replies arrived 1 day apart and each included Chern Lakes' tourist folder, Aerolineas Argentinas stickers n/d RAE QSL card and personal letters from Roxana Larghi. nd reply also contained full data signed ppcd. In total time ½ years but very quick reply to f/ups which were sent to English Section. NZ postcd and 2 IRC's also sent. (DL)

ARTICA: LRA36 Radio Nacional Arcangel San Gabriel. 15476 kHz (BC) Registered letter in SS received in 10 months for SS rpt (on 5 days reception over Christmas period 1981) with 3 IRC's & NZ postcd. V/s Jose Bilbao Richter, Government Representative for the National Territory of Tierra del Fuego, Antartica and South Atlantic Islands! Address given as 9411 Base Esperanza, Antártida Argentina. Surely a new radio country, hi? (Are you trying to start a new country debate or just getting desparate for countries to catch ye old Ed up. Hi! The country total here Bryan now 224. Ed.)

Sydney 7397 kHz. F/d QSL cd for f/up rpt of Radio Telstar (DL) of 25 April 82. Unfortunately verified wrong freq of 7315. sent other CBN associated information. Rptd with 2 IRC's & back in 7 weeks after f/up.

Denmark, Herstedvester, 25850 kHz. Attrative f/d cd in 5 (BC) Depicts upper right quarter of painting symbolising Danish al Anthem - the other 3 quarters also available as separate rds issued at random.

ld Radio, KTWR 11765 kHz. f/d cad in 3 months. Card was a (NP) 3L for Japanese edition of DX Listener's Log.

lano International, Milan. 6221.2 kHz. B&W f/d QSL, giving (DL) 800 watts, in 34 days for taped rpt, NZ postcard and series s showing equipment at Quartz Hill. Tape sent also had Radio 5 kHz, Coast FM and 2ZB recorded on Sd 2. No rp sent. V/s iferini sent very nice letter referring to my 'Atomic Cassette' 'dubbed and gave a copy to the RMI Director, who in return sent tic stickers as a special present. Dario also mentioned receiving s from Arthur Cushen and he further commented: ' I have duplicated copy (referring to my tape. Ed.) to the BROLLO shop of which taped on side B the full advertising, it is a TV HiFi shop. ' heard on my Radio Time reception. Dario also sent a C60 cassette dio quality RMI recordings on it. Dario also mentions: ' Hi! ately no more stations are transmitting over SW from Italy, just and IBC, it is also mentioned Radio Pace the religious station - Verona over 15502 kHz at 1700-0600 GMT, but according to my a they are inactive at present time. '. Dario also sent copy of '. (I seem to recall Media Network over RN carried a rpt saying IBC had been busted by Italian authorities and was silent at ent time. Ed.)

dio Japan single sideband test 21832 kHz verified with usual (BC) ve pictorial card, in 24 days. Also sent latest prgm schedule, y schedule, log rpt form & colour brochure. (I understand that tal of 68 people reported these transmissions. Ed.)

REPORT

JOHN MAINLAND

al attributed to the service (BBC MS) is y not be reproduced on.

Calling EE:1400-110,17915;1915-2000-2245 11975,6225; 9880. Brian Webb to Nederland now minute EE news broad-9510 & 6020 for the aral America. RN 13/1 / introduce pro- mand in 1983, accord- siderations.

Kol Israel 9/1 iterranean began reg- ns on 5960 18th Jan- 50KW Deutsche Welle ranean will have a er, to broadcast nation on current ic, cultural, musical rammes of interest rdering the Mediterr- rammes will be made ration of Algeria. :1800-1900 EE, 2130-

30 FF. The address is: ta, Malta. RN MN 13/1 ance is planning a show for Africa. o Paris Calling yov during the "List- gramme. RIB 1/83 to Fred Wise, Chief spoke with on 18th recently WINB has power due to a tx ey are back up to process of install- xW transmitter for stre band. Target date was not given.

(USA) RIB 1/83 tional Radio is ating with the au- ture use of French French Guyana. If s succeed, Radio Ex- a will use the Guy- ts broadcasts to

stria) SCDX 30/12

CAMEROON According to a letter from Radio Bertoua, the station is very open to reports and programme criticism, but anyone desiring a verification should send at least two IRCs. The station also invites listeners to help improve radio in Cameroon by sending contributions to the station, which can be used in radio contests to encourage and educate young children. Contributors become members of the Radio Bertoua Association. The address is: James Achanyi-Fontem, Radio Cameroon Bertoua, P.O. Box 230, Bertoua, Eastern Province, United Republic of Cameroon. SCDX NORTH KOREA Radio Pyongyang now appears to have introduced a new see in German. Heard for the first time 2nd January at 1900-1950 on 6576, 9360 & 11660. SCDX VATICAN CITY From 3rd Jan, 1983 programmes in Scandinavian languages will be daily 1915-1930. Finnish on Fri and Sun, Norwegian on Mon. Otherwise mainly Swedish. Fqs 6005 (500kW), 9615 & 11715. The Eastern European service 1730-1815 is changing from 7155 to new 6005. SCDX 28/12 ALASKA The religious stn planned for Alaska to beam sw programmes over the North Pole into the Soviet Union is definitely going ahead. Construction is underway and the stn has already started to co-ordinate its fqs through the FCC in Washington. Its going to be called KMLS and the test fqs from March '83 are 17880 or 11940 between 1800-0400. It will probably be the summer before the tests materialize. RN MN 27/1 TANZANIA Radio Tanzania reported on 12th January that China's Prime Minister laid the foundation stone of the short-wave radio station at Dole, 15 kilometres from Zanzibar town. The station, which was being built with a loan from China, would cost 17,400,000 shillings. BBC MS 20/1 CARIBBEAN A new stn called Radio Earth International will provide a commercial shortwave radio service. Authorisation from the Government of Montserrat has been obtained to broadcast from there. At the moment there is a shortage of money to fund the station. They hope to be on air during the first half of 1983. Comments from shortwave listeners on what they would like to hear on commercial radio should be sent to: Radio Earth International, 1724 Sherman Avenue, Evanston, Illinois 60201, USA. RN MN 10/2 ITALIAN BROADCASTING CORPORATION is now silent because they were raided as to their outlet on 6275, was reported causing interference to military communications.

RN MN 10/2

ARTHUR CUSHEN'S SHORTWAVE REVIEW

The use by Radio Beijing of several frequencies in the 8mHz band opens up a new area used by shortwave stations. Highlights this month is the return of Radio Mediterran with English, test transmissions from KGEI, and an interesting verification from World Music Radio. All times in GMT, 13 hours behind New Zealand Daylight Time, all frequencies in kilohertz.

ALGIERS: Radio Algiers noted on 9497 at 0700GMT with a short news bulletin in Arabic then followed Arabic music at 0705, but blocked at 0720 by TWR Monte Carlo opening on 9495kHz.

BRAZIL: Radio Inconfidencia 15190kHz closing 0300 verifies promptly with a colourful postcard showing an aerial view of Belo Horizonte signed by Eugenio Silva. Radio Bras broadcasting to Europe in English 1800-1900 is now using 15390kHz, also in German 1900-2000.

CHINA: Beijing is using several 8mHz frequencies and is on 8425 to Australia and New Zealand in English 0830-0930 and 0930-1030. Also uses 9860, 11600, 15195, 15435, but few of these frequencies are announced. Beijing also noted on 8260kHz 1100-1130 in Spanish, 8300kHz 1100-1200 Cantonese, 8345 1200-1230 Vietnamese.

DUBAI: UAR Radio Dubai using 9595, 9670 and 11755 with news in English 0330, 9595 and 11755 beamed to North America, 9670 replaces 9605 beamed to India and suffers interference from VOA.

ECUADOR: Radio Nacional, Quito 15115kHz with a new transmission from February 7. New series of programmes 2200-0030 all Spanish. News 2330 - 5 minutes in Spanish/Quetcha. Reports to Casilla 13, Quito, Ecuador. Has been on 4940kHz in the past. (via HCJB)

ITALY: The Italian station, World Music Radio, which operates on 6221kHz with 1kw has verified reception of the broadcasts heard at 0700GMT. According to a handwritten letter from Dario Monferini, the station plans to commence operation on 11569kHz operating 24 hours a day, and this second frequency should provide better reception. The station broadcasts from Milan, Italy, and the headquarters address is: P.O. Box 4078, Amsterdam, Holland.

LEBANON: Voice of Arab Lebanon 6204kHz 0400-2050 noted with news in English 1815. WORD 6215 fair signal 1830 with English announcements and then country and western music.

MALTA: Radio Mediterran now using 6110kHz ex 5960 English 1800-1855, Arabic 2130-2230 and French 2230-2330, has news at 1830 and on Thursdays a Mailbag at 1840 followed by Sports at 1845. Asked for reception reports when closing at 1855 and suffers interference from VOA Philippines. At 1900 TWR opens on the frequency with broadcasts to Eastern Europe.

NEW ZEALAND: Radio New Zealand External Service from March 5, when NZ returns to Standard Time, 1800-2100 11960, 15485; 2115-0815 15485, 17705; 0830-1215 9620 and 11960.

PERU: Radio Imagen, Tarapoto heard all night January 30 on 5035kHz with station identification at 0845.

SWEDEN: Radio Sweden changes from March 27: 1230-1300 English 15190 replaces 11765kHz; 1400-1430 English 15285 replaced by 21700.

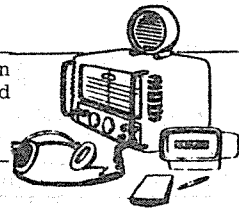
U.S.A.: KGEI San Francisco 6100kHz testing new antenna system and asking for reception reports to Box 15, San Francisco. Used chimes between announcements in several languages on February 7 to closing 0953, but suffered interference from the Venezuela Time Station, YVTO.

WYFR 9575 Spanish 0600-0800 suffers interference from Portugal then Finland.

USSR: Radio Moscow Home Service on 28280 heard with full identification and interval signal at 0700 causing interference to amateur transmissions, bearing shows transmission originates from Siberia.

WAVE BANDWATCH

With Michael Pollard in Wellington



temperatures during January has evidently driven DXers back to their radios for solace, and the magnificent lists of loggings arrived in as a result of what Paul Ormandy describes 'practice', my social life this week took a nose-

all the letters of encouragement - Percy, I try to respond to comments when space permits. Jack, sorry complaint about *Times* service, I will try to find out what system.

Loggings makes it invidious this month to try to highlight any in I regret that if you want the good catches you will have to porters and put your lines through this lot! Good DX!

(UTC) Add 13 hours for NZTime Frequencies in kHz

COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITIALS
NORTH KOREA	Pyongyang.	Attractive music & singing. Good level, but fairly heavy QRM.	JW
NEPAL	R.Nepal.	V.good on new freq (ex-3425) in EE. Good modulation, easy copy. News 1450.	PO
BRAZIL	Bauru, Bauru R.Clube	hrd 22/1 with mx prgr 'Clube de Bauru' IDs. Poor - fair.	PE
ECUADOR	Tena, La Voz del Napo.	Indian flute mx prgr in Quechua. Poor - fr to s/off 1120. Not hrd regularly.	PE
ECUADOR	Quevado, Ondas Quevedenas.	Fr but het. Spoken prgr with freq IDs and t/chks. Often here.	PE
BRAZIL	R.Nac.de Sao Gabriel de Cachoeira.	Poor. Mx prgr with many t/chks. Full ID 0928. VG 0851.	PE
ECUADOR	Esmeraldas, Iris?	Tentative. Hrd to after 1100. Fair.	PE
BRAZIL	Unidentified.	22/1 hrd to 1017 pr. Educ 6 de Agosto?	PE
PERU	Huanta, R.Esmeralda.	VG levels past 1100 w/local ads. Terrific intermittent Ham QRM. Patience a must!	PE
ECUADOR	Guayaquil, CRE.	Fr. Much continuous music.	PE
BRAZIL	R.Educacao Rural de Campo Grande.	Gd often. Comm'l mx prgr and full ID 0858.	PE
BOLIVIA	Oruro, R.Em.Bolivia.	VG till past 1115. Indian flute music & talks in Ind.dialect.	PE
PERU	R.Tingo Maria.	poor 17/1 brief ID. Again 31/1 briefly.	PE
BRAZIL	R.Nac.de Cruzeiro do Sul.	Mx at fair level past 1050, 31/1 with full ID at 1033.	PE
VENEZUELA	Cd.Bolivar, Mundial Bolivar.	Mx to past 1040, good, hrd 30/1 only. Jingle ID after each song.	PE
BRAZIL	Cuaiba, R.a Voz de Oeste.	VG. Several tunes then full ID. Ads and usual prgr 0900.	PE
PERU	R.Tarma.	First hrd 11/1, pr, fading to 1115. 15/1 fair 1007-1125. Full IDs. Occasionally here.	PE
HONDURAS	R.Juticalpa.	Fair w/prgr "Alberada Ranchero". Full ID 1200, then prgr "Musica Tropicana" 4/2.	PE
VENEZUELA	Valencia, La Voz de Carabobo.	Fr past 1100. 2 OM alternating items in Nx w/chime between. Freq ID.	PE

4800	0640	ECUADOR R.Popular de Cuenca. Latin music, fair.	MP
4815	0814	BRAZIL Londrina, R.Difusora. Often fr past 0830, mx, ID 0831.	PE
4815	1012	BRAZIL R.Nac.de Tabatinga, with full ID 1030. Good.	PE
**	4815	1104 PERU Iquitos, R.Samaren(?) 1104-30 faded 29/1 only. Long spoken prgr w/numerous local ads incl Banco Masonica. Phone no's given (6 digit, 23-) Only snatch of ID hrd ('.En Samaren') Name reptd to be R.Amazonas, but seems to be still 'Samaren'. PE	PE
4820	0932	ECUADOR Ambato, "Paz y Bien". Carrying prgr 'Amanecer Andino', prgr of devotions in reply to letters. Good often.	PE
4825	0817	BRAZIL Rio de Janeiro, R.Mundial. Gd w/'folksy' Braz.songs.ID.	PE
4825	1045	PERU Iquitos, La Voz de la Sevla pr under CC station.	PE
4830	095 1	VENEZUELA San Cristobal, R.Tachira "La Popular" IDs. Terrific signal from 0900 s/on reg. Ad string incl film premiere, Banco (Flamenco?) Regional Los Andes Monterrey-Parque Residential.	PE
**	4840	1015 PERU Andahuaylas. Poor to 1042 faded, thru CC stn 15/1. Is about 0.5kHz off-ch. Mx w/numerous t/chks.	PE
4850	0900	SURINAM S.R.S.Paramaribo. Fair in Sranang w/Latin mx. Both SRS and Apintie appear to be operating normally after being under military control. 0834 ID in Hindi.	PO PE
4855	1059	PERU Tayacaya, R.Pampas s/on with flute music. Full IDs.	PE
4885	0952	BRAZIL Rio Branco, R.Difusora Acreana. Fr-gd past 1020 with music prgr and ads 31/1.	PE
4895	0856	BRAZIL Manaus, R.Bare. Good. Music, full ID 0900 then ads.	PE
4905	0804	BRAZIL Rio de Janeiro, R.Regio Federal. 21/1 talks and t/cs, fair. Not well heard of late.	PE
4915	0812	BRAZIL Goiania, R.Anhanguera. VG with music, reg. Male with echo, "Goiania" after most songs.	PE
4915	1007	COLOMBIA Ocana, R.Sonar. pr 10/1 over CC stn, but heavy splash VLM4. ID "Radio Sonar desde Ocana".	PE
4920	1119	AUSTRALIA VLM4. Good with 'Comedy Time'.	JW
4925	0757	BRAZIL R.Difusora Taubate. Poor past 0830 23/1, mx prgr.	PE
4935	1020	PERU Tarapoto, R.Tropical. VG w/ads and music. Not regular.	PE
4945	0810	BRAZIL Unidentified. under CARACOL-Neiva 20/1. ???	PE
4950	1128	SARAWAK R.M.Kuching VG in EE w/sports nx from Aussie. Prgr bilingual Bahasa Malaysia and EE.	PE
4955	0748	BRAZIL Campos, R.Cultura. poor past 0815 22/1 only. Music, full ID 0800.	PE
**	4955	1057 PERU Huanta, R.Cult.de Amauta. Anthem and s/on in clr 2/2 full ID 1059. Held till 1122, YL w/long talks 1102-1115.	PE!!
4960	1916	CHINA R.Beijing. Fair w/political patter, EE //9860 and 6860, both good.	PO
***	4965	0954 BOLIVIA San Ignacio de Velasco, R.Juan XXIII. Held to 1020 at poor level 29/1 only thru Santa Fe. 1000 beautiful flutes and IDs ('Juan Treintitres' and 'La Voz de...'). Seasonal sked, in winter s/on 1000, when Santa Fe would be too strong!	PE
4970	0915	VENEZUELA Villa de Cura, R.Rumbos. Music prgr, 0928 Informaciones with chimes betw.items. Fair- good.	PE
4975	0802	BRAZIL ???R.Timbira? Cont.music, good, ID 0841 but very poor.	PE
5025	1052	ECUADOR Cuenca, R.Splendit. 20/1 Fair at s/on with anncr advts	PE
5035	1047	PERU Tarapoto, R.Imagen. Poor 10/1 many ads, mx. Suns on erly 0800 31/1 hrd operating all night.	PE AC
5040	1101	PERU R.Libertad de Junin. IDs after s/on. Peruvian mx, gd.	PE
5045	0747	BRAZIL R.Difusora Presedente Prudente. Past 0815, played three songs then ID. Fair - poor.	PE
**	5045	1111 PERU R.Rioja. 20/1 held to 1131 ads, t/cs and IDs in music prgr; weak and splash Jogyakarta. Difficult log.	PE
5050	1104	ECUADOR Quito, EM.Jesus del Gran Poder. Past 1130 w/nx, fair	PE

FRENCH GUIANA Cayenne FR3. Pops VG past 0947 in FF. PE
 COSTA RICA San Jose, Faro del Caribe. Anthem and full s/on
 annmt incl freqs; address, phone no's (262618, 262573) held
 to 1201 f/out. Fair but increasing heterodyne. PE
 ALBANIA Tirana. H/S with opera music. LR
 ECUADOR R.Nac.Progreso. S/on. Many annmcs and ads in mx.
 Back on 5061 2/2 at 1104! PE
 ???CLANDESTINE La Voz del CID. <10/1 poor to abrupt off 1205
 'Cuba Independiente y Democratica'; 11/1 poor due to RTTY
 and static, off w/ID 'La Voz del CID' 1006½; 12/1 very poor
 s/off 1207; 15/1 fair to good 1153-1213 s/off. At 1202 prgr
 'Cuba para los Cubanos', hrd regularly; not noted of late! PE
 SAUDI ARABIA Riyadh. Fair w/Arabic talk; RTTY QRM. PO
 AUSTRIA ORF-Vienna. Poor GG //9615 also poor. PO
 SOVIET UNION R.Tashkent. S/on in EE, nx to 1500. Poor. CH
 GUYANA Georgetown. Hindi music and EE annmcs poor 27/1. PE
 COSTA RICA Puerto Limon, R.Casino. Fair 29/1; ads & t/cs. PE
 BRAZIL Porto Alegre, R.Guaiba. VG at s/on then nx 0900,
 // 11785 VG also. PE
 PERU OBX4M R.Panamericana. Early s/on 7/2 with IDs & SS pops.PO
 UNITED STATES VoFree China via WYFR. EE & CC, s/off 0809
 with xmtr ID. JW JS
 ARGENTINA Buenos Aires, R.Splendit. Wk & noisy w/orch.mx, ID. PE
 AUSTRIA ORF-Vienna. Good GG // 6155, 17740 also good. PO
 UNITED STATES KGEI San Francisco. Full ID and address at
 s/off, good. PO
 COSTA RICA San Jose, R.Reloj. Usual mx prgr w/ t/cs. Fair,het. PE
 NORWAY Oslo. Talk & interviews in Norwegian. LR
 BRAZIL R.Universo initially VG w/tx info, prayer, spoken &
 jingle IDS. Co-channel QRM later. BC
 UNITED STATES AFRTS. EE with PSAs and nx. Poor. CH
 ARGENTINA R.Nac. Very good in SS. JS
 GERMAN FED.REP. DW fair GG // 6155 7175 9735(Kigali) 11795
 15275 17810(Antigua). Also noted in AA 6000(Malta) 9545 11705.PO
 PORTUGAL RDP Lisboa. Good w/EE tourism prgr. PO
 UNITED STATES KGEI. Testing new ant. Multilang.annmcs 7/2. AC
 MALTA R.Mediterran with EE nx of Middle East. Good strength
 but mixed VOA Philippines. S/off 1857. AC BC
 MONACO TWR. S/on w/Gospel prgrs to Eastern Europe. AC
 ??PAPUA-NEW GUINEA Time check for right time zone. Blocked
 0957 VOA s/on 17/1. PE
 GERMAN FED.REP. DW. Good in GG // 9605 9735 & 11795 altho'
 heavy QRM on latter freq. Also Arabic 0421 11785//9640 and
 Swahili 0426 9565 poor. PO
 ARGENTINA Mendoza, R.Nac. Fair just after s/on. Mx prgr, ...
 annmt 0915. PE
 BRAZIL ZYE956 R.Bandeirantes. Gd in PP with advts and music. PO
 BRAZIL R.Continental. IDs and advts, full ID 0801 w/t/c. PO
 PERU R.Cuzco. Clr and good to 1000, when a bit scrambled. PE
 Peruvian mx prgr with many t/cs and IDs. PE
 VATICAN Vatican Radio. Latin Mass, new freq ex-6209. Good. BC
 SOVIET UNION R.Moscow here 23/1. Int-sig 1759, then RR.prgr.
 Fair under intermittent teletype. BC
 TURKEY Turkish Police Radio, Ankara. Fair sig, TT mx & few
 announcements. PO.
 TURKEY Turkish State Meteo.Svce. Good, YL annrc & TT mx. PO
 CLANDESTINE//HONDURAS San Marcos de Colon. R.Quince de
 Septiembre. To s/off 1238½ after Anthem? by band. 15/1 with

heterodyne int'ce, IDs: 'La Voz de la Libertad y Democratica'
 'La Voz oficial dela Fuerza Democratica Nicaraguense, FDN..'
 Also read two lists of demands of FDN. Station is anti-
 Sandinista Govt. Subsequent tuning has yielded some of the
 most horrendous noises ever heard on my receiver!! PE
 IRELAND R.Dublin back here with improved modulation, prgrg
 still EE pops & smooth annmcs. Still ute QRM. Adress:
 Dublin 8, Ireland. F/out 0845-0915. PO
 CHINA P.R. R.Beijing in CC, good to 2030, // 7055. JS PH
 CHINA P.R. P.L.A. in CC to after 1830. PH
 CHINA P.R. R.Beijing s/on in Russian, after 7045 from 1730. PH
 EGYPT Abu Zaabal in Arabic, weak most days. PH
 ALBANIA R.Tirana opens in EE. PH
 ALBANIA R.Tirana. Chinese service, 1800 QRM Pakistan. PH
 SOVIET UNION R.Moscow bdcstg over a RR H/S stn. PH
 SPAIN REE Madrid. Spanish svce. QRM 1800-2000. PH
 MALI (Tentative) Bamako. Very weak. PH
 GERMAN FED.REP.R.Free Europe. Hungarian prgr, faded for
 short periods, but ID heard on the hour. PH
 SOVIET UNION R.Moscow in RR over BBC W/S. PH
 POLAND/KENYA? R.Polonia in EE, often over African drums
 clear underneath. Nairobi only Afr.sched at this time. PH
 GERMAN FED.REP. DW in GG mixed with CC station. PH
 SOVIET UNION R.Moscow W/S. QRM from RFI 0400, clear again 0430.PH
 FRANCE R.France International. Good w/FF & African pops //
 9605 9715 7160 15200 15425 15300 11805 11930 9510. PO
 MONACO TWR Monte Carlo. Freq IDs in foreign LL. PH
 GERMAN FED.REP. R.Liberty. Rumanian prgr, clr ID 2000(Ed-RFE?)PH
 CAP VERDE ISLANDS Em.Official? Weak in PP, first hrd AGM Oct'82,
 subsequently tentative reception 3/1, 6/1, 7/1. Light guitar
 music from s/on 0730 few annmcs, ID? 0801. Best hrd 6/1. PO
 PORTUGAL RFE. Polish prgr, often jammed 0300-0800. PH
 SOVIET UNION Majak prgr. Int-sig, time pips, ID, then nx in.
 Russian, fair. PO
 GREAT BRITAIN VOA-Wooferton. In English to 0700. PH
 MONACO TWR-Monte Carlo. ID at s/on 0430. PH
 GREAT BRITAIN BBC. EE nx till 0515 then FF nx, fair.1800hash.PO PH
 RWANDA DW-Kigali. 'Behind the News', EE poor. 0500 FF. JW PO
 ITALY RAI. ID heard through heavy noise. PH
 VANUATU Port Vila here all day to after 0800. PH
 MONACO TWR-Monte Carlo. Fair in RR, co-channel QRM. PO
 GREECE VOA-Kavala. Russian prgr often jammed. PO
 POLAND R.Polonia. Polish prgr to 0700. PH
 KOREA (SOUTH) KBS Seoul. JJ svce, always good. PH
 ITALY RAI. Weak in EE w/political prgr. PO
 SAUDI ARABIA Riyadh. H/S in Arabic fair // 9720 gd, 15060 exc,
 11950 fair. PO
 ALBANIA R.Tirana.VG in Polish, also at this time in PP on
 9480 VG; EE on 11985 VG // 9500 good. PO
 GREAT BRITAIN BBC ID & chimes for 0500 hrd clr but prgr hard
 to copy thru QRM. PH
 UNITED STATES WYFR. European svce, 'best signals this band'.
 New freq, s/off 0800. ID: 'The Sound of the New Life'.
 Strong in EE //9680 good. JW PO BC PH
 SOVIET UNION RMoscow W/S. "Folkbox" prgr EE,VG. Freq off 06h.BC
 SOVIET UNION "Radio Magallanes" prgr in SS. PH
 INDIA AIR. Hindi svce has 5-min EE nx at 1730, then 5 min
 Hindi nx to c/down 1740. Israel int-sig can then be heard. PH

0 ISRAEL Kol Israel. Arabic svce, then EE at 1800. PH
0 CHINA P.R. R.Beijing. Chinese lang.svce with ID on 1/2-hr, PH
thru 2030. // 7480 7590 7660 7700 & 7500.
0 CHINA PR. R.Beijing new freq to NZ in EE 0830-1030. AC
3 IRAN R.Voice of Revol.Iran, Tehran. Farsi // 15084, both gd.PO
8 SPAIN Radio Exterior de Espana. Fair in SS w/IDs. // 11705
good. Also noted: 9630 @ 0433 VG // 11880 VG; 0306 in SS
11880/15365 (Tenerife) good - fair. PO
7 GREECE Voice of Greece. Good in Gk // 9865 VG & 15050 VG.
Also noted: 9865 @ 2032, 9865//15050 @ 0425 good. PO
5 SOVIET UNION R.Moscow W/S. "Culture & the Arts" EE, VGood. JW
3 EGYPT R.Cairo. General Svce in AA, good // 9620 pr, 9805 pr,
11665 fair. Also noted at 0555 on 11795 w/'Sudan Corner'
mixed DW fair // 9770 fair. PO
1 CLANDESTINE/ALGERIA?? Voice of Polisario. Arabic seems nom-
inal freq for 9533. Both suffer QRM. PO
0 PERU Lima, Radio America. Good, strong level 29/1 only. Nx
prgr 'Principana' and full ID 1149. PE
0 NETHERLANDS ANTILLES RN-Bonaire. Relay fair signal but mixed
with R.America. AC
0 ECUADOR HCJB. Bdcst to Eastern Europe after Austria off. AC
8 FRANCE RFI. Fair, mixed jammer // 9545 good. PO
0 ECUADOR HCJB. Fair with EE relig.prgrs. // 11810 good. PO
5 GERMAN FED.REP. DW. Int-sig then PP at 2130 // 11810,
11865(Montserrat). PO
7 CHILE Santiago, R.Nac. Music prgr, fair - good. PE
1 BULGARIA R.Sofia. Fair in AA, mostly talk with brief music. PO
0 GERMAN DEM.REP. R.Berlin Int. Fair in GG w/news // 11840
fair, 11890 poor - hetting with Oman 1189lm. PO
9 UNITED STATES VOA. Good with FF to Africa, featuring 'highlife'
music. Also at 0652 in EE // 9770 9670 7325 7200 7170 6060 6040
5995 3980. PO
4 SOVIET UNION R.Moscow W/S. Philately prgr, good // 9750 VG. PO
0 NETHERLANDS ANTILLES RN-Bonaire in Dutch, fair but mixed
USSR // 6165 poor. PO
1 LIBYA SPLAJBC Tripoli. Fair with AA H/S. Also at this time
'Voice of Arab Homeland' in AA 15415//17930, fair. PO
3 GERMAN DEM.REP. RBI. Spanish prgr good over BBC Ascension. PO
2 TURKEY TRT. Fair in Turkish w/music. Mixed 2 unids. PO
0 SOVIET UNION Radiostantsia Rodina. S/on in RR with theme
music, ID as unlisted VOA s/off. Fair. No sign R.RSA. BC
5 KOREA (SOUTH) K.B.S. Fair in KK w/talk over unid station. PO
8 ???CHINA? Sounded like R.Beijing EE cmtry, very poor due
heavy QRM. CC music 1157 (Lhasa listed 9654v). Help please. PE
6 VENEZUELA Caracas, R.Rumbos. Fair under Aussie which had
classical music 9/1 only. PE
5 BRAZIL Florianopolis, R.Marumby. Nx, mx prgr 0915 pr-fr. PE
0 PERU Lima, R.del Pacifico. Audible after abrupt s/off AIR
after 'State and Development News'. 1147 time check/ID.
27/1 best hrd, f/out 1305 7/1 but very weak! PE
3 SWITZERLAND SRI. "Dateline" in EE. good signal, but QRM. NS
7 IRAQ Voice of Iraq. Good at s/off in EE, spoiled by het. PO
0 TAHITI R.Tahiti, Papeete. Polynesian music fair // 15170
good, 11825 fair. PO
6 CHILE Santiago, R.Mineria. 2/2 only. Channel usu. jumbled.
0930 nx prgr sponsored by a Bank. Improving pr-fr past 1000. PE
0 CANADA RCI. S/on with EE/FF prgr for Canadians abroad. PO
9 YEMEN ARAB REPUBLIC. San'a Good with Koran chants - suffering

9835 2033 from heterodyne with USSR 9780. PO
9860 0912 HUNGARY R.Budapest. Fair to good in GG // 11910 fair. PO
9885 2113 CHINA PR. R.Beijing. Talk in EE on CC medical services. VG. NS
9915 0412 SAUDI ARABIA Riyadh. Poor in AA with H/S // 15060 very good. PO
10040 2125 GREAT BRITAIN BBC. News Despatches from Africa. Poor. NS
VIETNAM Voice of Vietnam, Hanoi. Good w/FF prgr. IDs:
"Ici Hanoi"(pronoun."Hanwa"). Also 2304 on 10080 fair in
Thai // 12035 good. PO
11350 0716 KOREA (NORTH) Pyongyang. Spirited singing. JW
11588 0645 ???UNIDENTIFIED Europirate? Sounds Italian w/EE & Italian
pops weak and fluttery. Hrd till knocked out by 11590 0707. PO
11590 0655 SYRIA?(Tentative) Unid AA station playing nonstop mx past
0800, also noted on 13570 played 4 songs then left air. PO
11610 2108 ISRAEL IBA. Hebrew svce good // 9435 poor, 13725 fair. PO
11665 0122 AUSTRIA ORF-Vienna. Weak in SS but improving slowly. PO
11665 2122 SOVIET UNION R.Moscow w/spoken prgr in SS. Fair. PO
11675 1835 KUWAIT. News and weather forecast in EE, very good. NS
11680 0139 GREAT BRITAIN BBC. SS svce poor // 11820 (Delano), 9765
(Antigua) fair, 15390 poor. PO
11685 0447 SAUDI ARABIA Jeddah. Good in Turkish // 15060 VG. PO
11705 0138 SWEDEN R.Sweden. Good in SS with Abba music. PO
11710 0445 ARGENTINA RAE. VG with EE prgr about losing Malvinas. PO. 0231
fair JS JW
11735 2130 MALAGASY REPUBLIC RN-Talata. Good in Indonesian // 7285. PO
11740 0200 TAIWAN VOFC. Good in EE: contest, nx. NS PO
11750 1755 GREAT BRITAIN BBC. 'Sports Call', then World nx. Fair. NS
11760 2107 SPAIN SFR. Very good in EE w/cultural prgr. PO
11770 0450 YEMEN PDR. Aden in clr in AA // 7190 also clr.(Ed-what date?)PO
11780 0146 LEBANON R.Lebanon. Fair in FF with Arabic mx, over unid. PO
11795 0126 GERMAN FED.REP. DW. Good in GG and jazz // 11765, 9735. Also
noted in EE at this time: 11865(Malta) good // 11785 & 9640. PO NS
11800 2035 ITALY RAI. Fair in EE, prgr about 'Shroud of Turin'. PO
11805 0920 BRAZIL Rio de Janeiro, R.Globo. Very good, many advts. PE
11810 0313 SEYCHELLES FEBA. Int-sig hrd weak under HCJB before lost. PO
11815 2309 INDIA AIR. Poor in Hindi mixed unid. PO
11815 0917 BRAZIL Goiania, R.Brasil Central. VG w/commercial music prgr
then gospel prgr 0940. PE
11818 0502 MOZAMBIQUE R.Mocanbique. ID, then nx in PP fair, later Afr.mx.PO
11820 2115 AUSTRALIA. RA."Spectrum" Mons fair // 11770 21650 15240 11790
15160 & 17795. PO
11830 0247 INDIA AIR-GOS. Nx in EE, Indian mx. Fair. NS
11835 2100 LIBERIA ELWA. Fair w/AA prgr, ID:"Huna ELWA". S/off with EE
ID at 2116 // 11960 weak & 11870 weak. PO
11840 2130 GUAM KTWR. Fair in JJ, mixed RMWS. PO
11845 0318 CANADA R.Canada Int. VG in EE // 11940 fair, 9755 poor. Mons
0400 DX Digest, best on 9755. DX Digest also hrd 11945 Sats
2130.PO. 0215 poor. NS
11870 0640 PHILIPPINES FEBC. Fair in CC, mixed unid. PO
11890 0905 PHILIPPINES FEBC. EE svce, stories. Fair - good. NS
11890 2332 UNITED STATES WRNO, New Orleans. Fair in EE, gospel prgr. PO
11891m 0322 OMAN R.Oman. Fair with Arabic mx. ID:"Huna Oman". PO
11905 1910 CANADA RCI. Birthday greetings in EE. Fair. NS
11915 2315 PHILIPPINES FEBC. Fair in Indonesian with talk prgr. PO
11922 2100 JORDAN R.Jordan. Fair. IDs: "Huna Amman" then AA mx.MixedWYFR.PO.
11925 0136 PORTUGAL RDP. Good in PP, also 0304 nx in PP, VG. PO 0315 JW
11935 0915 BRAZIL Curitiba, R.Clube Paranes. ID, mixed, fair to good. PE
11940 0140 ROMANIA R.Bucharest. Good in Romanian // 11810 fair, QRM.CH PO

GABON Africa No.1. Nx & pops in FF. QRM Bucharest. CH
 SOVIET UNION RMWS. Questions on secrecy in science. Good. JW
 EGYPT R.Cairo. Good in EE. Middle East nx. // 9475 poor. PO
 SAUDI ARABIA Riyadh. F/S in Turkish, very good, nx. MP
 INDIA AIR. Good in EE // 9912. Both bad modulation, past 0030. PO
 HUNGARY R.Budapest. Good in EE // 9700 fair. PO
 NIGERIA Voice of Nigeria. Fair with world news. PO
 TAIWAN VOFC Taipeh. Fair in Amoy // 11915. Also Mandarin
 17800//17890. PO
 PHILIPPINES R.Veritas. Fair in CC // 11725 poor. PO
 SOVIET UNION RMWS. Fair w.nx and cmtry, QRM VOFC, //15455clr.PO
 TAHITI Papeete. VG in Tahitian. JS
 CHINA PR. R.Beijing. Very good in SS "para America Latina". JS
 JAPAN R.Japan NHK. Good in EE // 15235, 17755. PO
 UNITED STATES WYFR Okeechobee. Fair in SS // 11855 good,
 11720 very good. Also at this time, in EE on 9715 poor. PO
 TUNISIA. R.T.V.Tunisienne. Fair in AA talk prgr. PO
 KOREA DPR(NORTH) R.Pyongyang. Fair in EE over VLR15. PO
 AUSTRALIA ABC-VLR15. Discussion on mining. Good. NS
 UNITED STATES. KGEI. Good with SS relig.prgr. PO
 SWEDEN Stockholm. New freq for EE to Asia, 1400-1430. AC
 INDIA. AIR. S/on in Persian after int-sig. Very good level. MP
 CUBA R.Habana. Good with EE prgr about contest on "Simon
 Bolivar's attitude towards the USA." 5 trips to Cuba prizes. PO
 SWITZERLAND SRI. Good with txmn in PP, slight QRM co-ch. PO
 PHILIPPINES FEBC. Fair in Burmese but bad het on freq. PO
 NETHERLANDS ANTILLES. RN-Bonaire. Fair w/SS. PO.0224 clsg. JS
 MOROCCO RTVMarocaine, Rabat. Fair in AA mixed unid(Cairo?) PO
 SAUDI ARABIA Riyadh. Koran Svce. AA chants. PO
 EGYPT R.Cairo. Good in FF to W.Africa with AA music. Also
 at this time AA Gen Svce on 9475/9850/11915/12050 VG. PO
 KUWAIT R.Kuwait. Fair in EE with 60s music. PO
 CANARY ISLANDS REE-Tenerife. Fair in SS. PO
 ECUADOR HCJB. Test to Asia 1200-1230 but suffers from jamming.AC
 KOREA K.B.S. Good in CC with EE poptunes. PO
 CYPRUS BBC East Med'n Relay. Nx about Britain, weak but clr.NS
 SOVIET UNION RMWS. Poor in EE. PO
 SOVIET UNION RMWS. World news in EE, excellent level. JW
 ASCENSION ISLAND BBC Atlantic Relay. World nx, 'Reflections'fr.JW
 ANTIGUA DW. Good in GG // 11795 11765. PO
 LIBYA SPLAJBC Tripoli. Fair in AA // 15450. PO
 PAKISTAN R.Pakistan. Fair in Bangla // 17895. Also at this
 time EE slowspeed nx on 21757/21595. PO
 SRI LANKA SLBC, Colombo. Poor EE mixed VLW15. Also on 11800
 in Hindi at same time, poor. PO
 UNITED STATES WYFR. EE fair // 11925 & 17845. PO
 NETHERLANDS ANTILLES TWR-Bonaire. Fair in SS. w/ID.2330 GG. PO
 SOVIET UNION RMWS. "Mailbag" followed by world nx. Good. JW
 ANTARCTICA(ARGENTINE SECTOR) LRA36 R.Nac.de Arcangel San Gabriel
 best level in several months 15/1, deteriorated quickly. BC
 Full ID 0015 freqs 0022 "Swinging Safari" theme 0023 Last Post
 off 0024. SG
 KUWAIT R.Kuwait. Fair AA suffering ute QRM(15498).0315 //
 15345. PO
 PAKISTAN R.Pakistan. Good in Farsi // 17667(nom.17665)gd. JS
 CHINA R.Beijing fair in EE w/World Affairs prgr. PO
 KOREA (SOUTH) Kimje. EE prgr, ID, talk on economy. Fair. NS

17685 0520 ISRAEL Jerusalem. News in FF, then in RR. Fair. NS
 17705 0413 CUBA R.Habana. Instrumental mx, ID. Fair. NS
 17740 0335 PHILIPPINES VOA. Xmas prgrs. Good. NS
 17745 2332 ECUADOR HCJB. Fair in PP, also at 0118. PO
 17755 0025 JAPAN R.Japan NHK. Fair in JJ. 2120 in EE, good. PO
 17775 0624 UNITED ARAB EMIRATES R.Dubai. Good in AA // 15325. Also at
 0448 on 17830//17775 VG and 21700 excellent. PO
 17780 0800 SOUTH AFRICA R.RSA. Fair w/talk and mx, to UK. LR
 17805 0106 UNITED STATES WYFR. Fair in Spanish. PO
 17810 0515 JAPAN R.Japan NHK. Calling for applicants for Japanese space
 exploration group. EE, fair. JW
 17815 0320 JAPAN R.Japan GS. News in EE. Fair - good. S/off 0330. NS
 17820 2345 PHILIPPINES VOA. Musical prgr, spoiled by QRM. Fair. JW
 17825 0200 JAPAN, NHK. Music, cmtry and nx. EE, good. JW
 17880 2040 PORTUGAL RDP. Fair in PP for Africa. PO
 17890 0628 TAIWAN VoFC. Good in Vietnamese. PO
 17930 2300 LIBYA SPLAJBC Tripoli. Weak in AA, better earlier. PO
 21460 0602 SOVIET UNION R.Kabul, Afghanistan via USSR xmtr. Good in EE. PO
 21525 0629 AUSTRALIA RA-Shepparton. "Australia Today". VG. JW
 21530 0212 SOVIET UNION RMWS. "Spotlight on Sport" in EE. Good. JW
 21540 0100 UNITED STATES VOA. S/on in EE to SEAsia fair // 11925; to
 Latin America 17730/17640/15205. PO
 21545 0439 KUWAIT R.Kuwait. Good with Gen Svce in AA // 9840, 11990. PO
 21545 0723 SOVIET UNION RMWS. Sports results. VG in EE. JW
 21710 0500 ISRAEL Kol Israel. Fair with nx in EE. JS
 21785 0230 PAKISTAN R.Pakistan. Slowspeed Nx in EE. Good. JS
 25615 2250 UNITED STATES AFRTS. Gilbert & Sullivan mx, then nx. VG. JW
 26000 2322 UNITED STATES VOA. Very good in EE // 21460 17820 15290 11760
 15185 and 9770. PO

THANKS!!! this month to 12 contributors and some of the longest lists I've seen
 in years:
 Paul Ormandy, Oamaru. PO PE Paul Edwards, Wellington
 Lindsay Robinson, Invercargill. LR AC Arthur Cushen, Invercargill.
 Jim Webb, Manakau. JW CH Chris Hattan, Auckland.
 Jack Searle, Haumoana. JS BC Bryan Clark, Auckland.
 Norris Sturgess, Rotorua. NS PH Percy Hurley, Auckland (Will write).
 Steven Greenyer, Invercargill? SG MP Ye editor
 And a small request to make a big difference: PLEASE write only on one side of
 the paper, so that when I chop up your letter I don't lose the goodies on the
 back; and remember, separatesheets of paper for each column. TA LOTS Michael.

MESSAGE TO AUSTRALIA The NZ DX Times sends
 a special message to DXers in Australia at
 this time of national disaster after the
 bushfires in South Australia and Victoria.
 We wish you a speedy recovery - our thoughts
 are with you.
 CONTRIBUTIONS LATE please note the closing
 date for contributions! Several arrived a
 week late because they were posted on or even
 after the closing date! It would be helpful
 to us, and ensure your notes get in the DX
 Times if you mail early each month. Ta!

MISSING MEMBERS! Sometimes, despite our
 best efforts, magazines are returned to
 us by the PO as undeliverable. If you
 move, do make sure you let us know of
 your new address. Last month, magazines
 for 2 members were returned, and if you
 should know the correct addresses for
 these people, please let us know. Also
 let them know that we do not have their
 correct mailing address! G Baker, 80
 Coronation Road, Auckland 1310, and D E
 Little, 468 Tay Street, Invercargill
 9501.

STOP PRESS: Next month, exclusive news! High powered mediumwave station planned for NZ!

antarctica CECIL SYMMES

topic is many mem-
comment on
id your
next month.

I would strongly support Bryan Clark's proposal that there should be a new Radio Country in Antarctica, but not that it should be known as "Argentine Antarctic Territory". I would also warn that, despite the evidence Bryan brings forward, the international radio community apparently still has some reservations re-site of this transmitter. I would suggest that until the location is reasonable doubt it should not be counted by a DXer.

use of the name "Argentine Antarctic Territory" is based on the following: Argentina, Australia, Britain, Chile, France, New Zealand and territorial claims in Antarctica, ie: the area lying south of Latitude 60°S is overlapping of territorial claims in some areas eg: the Antarctic Land and Palmer Land) lies within areas claimed by three nations; Argentina * At least six nations: Argentine, Britain, Chile, Poland, USA arch stations on the Antarctic Peninsula * While certain nations have claims, research stations are maintained in those areas by others. Aple quoted above: Norway (South Africa, Japan, USSR), Australia (USSR SA) * The scant reports coming out of recent international conferences antarctica indicate very considerable interest in the continent, and it to define any part of it as being the exclusive territory of one or another proposal were accepted, the well-documented McMurdo Station should d in a radio country named "New Zealand Antarctic Territory".

evident that in the coming years, there will be other radio stations Antarctic, and I would suggest that rather than deal with these on an is occurs, we should now decide to recognise seven (?) radio countries Northern Antarctica (Long. 30°W - Long. 30°E); North-East Antarctica (90°E); South East Antarctica (Long. 90°E - Long. 150°E); Southern Antarctica (Long. 150°W); South West Antarctica (Long. 150°W - Long. 90°W); ica (Long. 90°W - Long. 30°W); and Central Antarctica (all that area).

ting Bryans suggestion that Antarctica be subdivided into a number of would suggest that any parallel with either Indonesia or the USSR is ty. The subdivision of Indonesia recognises not only physical distance untry but also that it is composed of over 1000 separate islands, the ng the basis for the radio countries. The USSR is somewhat different - entioned are the R.S.F.S.R. which stretches from the Baltic Sea in the c Ocean in the east, and 15 Soviet Socialist Republics. Theoretically these is autonomous and has the constitutional right to secede from the

at if the size of a country or continent is to become yet another cri- gnition of radio countries, it would open up the field to a greatly following are some examples of approximate Great Circle distances from rton(Australia) 2300 km; Carnarvon(Australia) 5800 km; Vladivostok(USSR) SSR) 16500 km; Delano(USA) 10500 km; Greenville(USA) 14000 km. Follow- nt to its logical conclusion, it would seem that there is a case for a radio countries in each of Australia, RSFSR and the USA.

antarctica, Commonwealth of Australia, 1979. Great Circle Distances and ington, 1979.

al Arcangel San Gabriel (LRA36) transmits from Bahia Esperanza (Hope rn tip of Palmer Peninsula, Argentine National Territory of Tierra del antarctica and the islands of the South Atlantic. AFAN American Forces transmits from McMurdo Station, Ross Dependency (New Zealand territory).

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LEAGUE LADDERS

Broadcast

Shortwave

NAME	DEC	FEB	INC	CNT	NAME	DEC	FEB	INC	CNT
GOLD STAR (1250+)					GOLD STAR (1250+)				
Arthur Cushen	2557	2561	4	245	Arthur Cushen	5358	5384	16	245
Keith Robinson	2435	2438	3	117	Dene Lynneberg (2553)	2573	20	223	
Ray Crawford	1711	1724	13	170	Ray Crawford	1910	1980	70	187
Laurie Boyer	1641	1800	159	116	Ian Cattermole	1640	-	-	144
GOLD ACE (1001 - 1250)					GOLD ACE (1001 - 1250)				
Eric McIntosh	1199	-	-	92	Bryan Clark	1404	1407	3	214
Robin Chambers (1080)	1093	-	13	123	Günter Jacob	1393	-	-	135
SILVER ACE (751 - 1000)					SILVER ACE (751 - 1000)				
Dene Lynneberg (931)	956	25	104		Jack Searle	1227	-	-	146
Chris Martin (842)	854	12	156		John Campbell	1018	-	-	229
ACE (501 - 750)					ACE (501 - 750)				
David Ricquish	722	737	15	58	Laurie Boyer	993	1001	8	131
Bryan Clark	582	582	0	101	Paul Ormandy	934	936	2	182
Noel Parry (534)	540	6	44		Lindsay Robinson	906	913	7	126
SENIOR (301 - 500)					SENIOR (301 - 500)				
Ian Cattermole	496	-	-	30	Eric McIntosh	722	-	-	123
Paul Ormandy	457	461	4	69	Alan Gilmour	674	703	29	123
John Campbell	448	-	-	105	Noel Parry (650)	656	6	103	
Tony Magon	348	-	-	-	Paul Rawdon (613)	614	1	143	
INTERMEDIATE (151 - 300)					INTERMEDIATE (151 - 300)				
Alan Gilmour	283	-	-	40	Ron Bower	425	-	-	66
Lindsay Robinson	261	264	3	26	Bill Jolly	411	-	-	81
Jack Searle	201	-	-	24	Chris Hatton	400	457	57	85
Paul Rawdon (195)	195	0	28		Mike Smith	374	-	-	79
Günter Jacob	178	-	-	35	Jack Farrow	357	-	-	61
JUNIOR (50 - 150)					JUNIOR (50 - 150)				
Mike Smith	142	-	-	14	Nicholas Pacey	207	215	8	72
Mark Nicholls (125)	128	3	10		Michael Williams (175)	179	4	49	
Andrew Gardner	101	112	11	11	JUNIOR (50 - 150)				
Paul Schnell (61)	61	0	7		Arthur deMaine (148)	-	-	-	68+
					Paul Schnell (127)	129	2	51	

() Means you didn't contribute in December.
 + Means you haven't contributed on the last two occasions and will be deleted next time.

Welcome to the 1983 edition of the Ladders Competition. It's good to hear from you all again. A few gaps this time round which I hope will be plugged in April. A few large increases and a massive 159 for Laurie Boyer in the Gold Star broadcast section. That must be an all time record! Congratulations Laurie, do you live in the Post Office? Nice to hear from you Mark, and Paul, will write to you both when I get some time. Well that's the lot for this time round, hope to hear from you all in April.

'73's,
Stuart

Shortwave Mailbag is for your notes of how many reports you sent out, and actually list the QSLs you have received. You do not have to list exotic QSLs, just QSLs. There is a Best of the Month Competition, where you can work out the points yourself from the Points List and enter the one with the highest number of points. **Shortwave Bandwatch** is where you can list details of your reception, so that others know what can be heard and when. Although there are special forms for this to help the editor, contributions in frequency order on a plain piece of paper are welcome. **Mediumwave** has two sections also. Notes of your loggings and QSLs and stations for the Trail are edited in Oamaru. News about new stations, exotic QSLs and information from a QSL you may have received is edited in Wellington. You do not have to be logging exotic stations to be included. Everyone is included no matter what they have heard or verified, and no matter how experienced. Even the DX Aces had to start from nothing at some time. The **FM/TV** pages are for your notes on hearing and verifying stations, notes about programs and general interest news about TV/FM. Every two months there is the **Ladder** competition where you simply count up your QSLs and the winner is the person in each section who has increased the most during the past 6 months.

Editors are located in Auckland, Wellington, Darfield and Oamaru and contributions have to be sorted here in Wellington. That means that you must put your contribution for each section on a separate piece of paper. It also means that you must make sure your notes are received in Wellington by closing time each month. The box is cleared at 12 midday on the Monday, and notes are mailed to editors by 12:30 pm. If your notes are posted on the Sunday or Monday morning, they will probably not reach us in time and will have to wait a whole month.

PROGRAM SCHEDULES Last month we asked members to let us know what shortwave program guides they might like to receive. The response has been good, but a stronger expression of interest will have to be shown before we can take this any further. If you want shortwave schedules delivered via the DX Times, write today and tell us the stations you have an interest in. All comments are required here by closing date for the March issue.

ARE YOU AN ARTIST? We need someone to design new section headings and logos for both new and existing sections. If you can do the job, then write today for more details: Chief Editor, NZDX Times, PO Box 2956, Wellington.

NEWS TO BEGIN SOON

any King will be hosting section which gets under-... This new column will opinion, and news from... your opportunity to ur views on a particular er members up to date on ated activities. When tes for publication, you itation to muse! There ght, but we reserve the ve space is lacking to a say. Discussion must e hobby of DXing, must l anyone and is not to r indirectly for advert-

ngton, was the popular the Radio New Zealand until last year, is the ar DX-cursions to both Cook Islands, and has any years. Please support section over the coming

ON THE WAY. Thanks to all ave written expressing w columns outlined in the h. Several new sections in the next few months, like to hear from you if help the magazine. It is nd let others do all the unteer outfit, we are only port we get from members. ing back after paying the etting the pages of the ularly in your mailbox, t into actually helping s!

typewriter, a few hours n interest in helping to n for yourself and other ay: Chief Editor, PC Box Thank you folks!

E DX TIMES It is apparent etters that many members contribute to the maga- ing magic about it at use you may not have the does not mean that your nt in. All that is needed e to us once a month with ing during the previous g to any one of the several

A GOES ON THE AIR

Samoa inhabitants in each village are provided with a portable radio set.

Communal Listening

Each village in the Territory was provided with a receiving set around which the inhabitants could gather in a communal group when their station was on the air. As the villages have no power supply, battery sets were installed, and these were specially built by a Wellington firm. They have no tuning device but are permanently fixed on the wavelength—1,420 kilocycles—of the Apia station, to conserve the batteries. The hours of broadcast are from 7.15 p.m. to 8.45 p.m. on Monday, Wednesday, Friday and Saturday of each week, Samoan time.

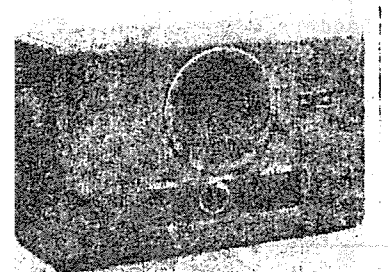
For the first three years station 2AP will be operated by two former members of the NZBB, E. E. Lloyd, station manager and programme organiser, and L. W. Workman, senior technical officer. The remaining staff have been obtained locally.



building

from Mandate to Trusteeship status has of course quickened political interest and discussion among the Samoans.

A supply of gramophone recordings and musical instruments, including a piano, has been sent from New Zealand, and the station will also be used to present talks on educational and health matters. In addition, when the newly-formed Legislative Assembly is in session, station 2AP will probably broadcast day-to-day reports of its proceedings.



A Samoan battery receives one per village

This article, which appeared in "The Listener" on 20 February 1948 is topical. The station has now been on air for exactly 35 years, providing a wide variety of programs for listeners in the second largest independent island nation in the Pacific.

In 1962, Samoa i Sisifo (Western Samoa) became independent, although retaining close ties with New Zealand where many thousands of Samoans have since made their home. In recent years, 2AP has extended its programs until in 1983, it operates a network of stations second only to Fiji.

The main station now uses a power of 10kw, and remained on 1420 khz for 30 years, until it shifted to 1404 khz. The transmitter site at Afiamalu no longer provides the type of coverage required in the rugged Samoan Islands and as well as a series of repeater stations, the main transmitters will be moved to another site near the capital, Apia.

Broadcasts in Samoan originate from the 1st Channel from Afiamalu 1404 khz, Nuutoi 540 khz (1kw), Auala 1251 khz (1kw) and Taga 1359 khz (1kw). Some English is also broadcast. It is planned to shift the Afiamalu frequency to 747 khz where far better coverage is expected. It is also possible that the alternative frequency of 909 khz may be considered if this is available and would result in less interference from other Pacific stations such as would likely occur on 747 khz.

A 2nd Channel is also provided, English language only, with many programs provided by BBC and Radio New Zealand. Presently, there is a 3kw transmitter at Afiamalu operating on 1062 khz (formerly 1050 khz) but there are plans for repeaters of this program. These will also be located at Nuutoi, Auala and Taga and have a power of 1kw each.

Radio 2AP has been a familiar voice on the mediumwave dial for 35 years, and the station is well heard in New Zealand. The Technical Director says that the Nuutoi 540 khz transmitter receives the most reports from a combination of good site, a low frequency and waterpath. Even the 10kw main transmitter at Afiamalu cannot be heard well in parts of the islands, and it puts a weaker signal into New Zealand. The transmitters have all been heard except for the Auala outlet on 1251 khz which is located on the north coast, is heard well in Hawaii but is covered by 12M Auckland for New Zealand listeners.

David Ricquish

mururoa mystery?

During my time DXing, I've discovered several French language mystery transmissions from the Pacific area - two that come to mind are still-unidentified Radio Oceania heard on 3938kHz on several occasions in July 1974, and the strong Frenchman on 1188kHz heard in July 1979 and subsequently identified as Wallis Island. Now there is another - an unidentified French language broadcaster heard in the South East Pacific, opening transmission around 1600hrs GMT on approximately 1440kHz medium wave.

I was in Papeete Tahiti on a business trip for 3 days in early February, and naturally had found room in my suitcase for a radio. The Realistic TRF is a small transistorised set, but a snappy performer on medium wave. A quick scan of the atlas and 1983 WRTVH before leaving home suggested I should try for a few exotic stations - Christmas Island 1115, Easter Island 820, Midway Island 920 and Galapagos Islands 1410kHz. Well, I heard none of these! Considering the dominance of most Hawaiian stations, I was most disappointed not to trace Christmas Island (only 2200km north, or halfway to Hawaii), but even so, listening in my hotel room to the TRF with only it's in-built ferrite rod aerial, many North American stations were easily loggable.

Hawaiians were audible from around 6pm Papeete Time until 6am, the strongest being KAIM 870 and KCCN 1420. Radio Cook Islands 630 was the only foreign MW signal during the day, while North American continental stations started cramming the band soon after 6pm. Among those positively identified were KDAY, KFBK, KOMA, XERF, KALI, KTOM, KVOO, KSDO, KRLD, KNX, KFRE, KRVN and KOB. Syndicated talk shows like Larry King occupied many other frequencies and made identifications difficult. WVUV 648 from American Samoa was not heard till 8.30pm and 2AP Apia 1404 came through at 9.10pm. Tonga 1017 came next and later still Fiji 558 was audible.

For a kiwi away from home and hungry for news of the first Benson & Hedges Cricket Final, it was exciting to hear NZ stations fading in from 8.30pm. Best signals were RNZ National Programmers on 630 (after RCI closed down), 819 and 1314! 1ZD Tauranga 1008 was the easiest NZ commercial outlet to hear. Reception of many others followed through the night, and rising early in the morning I was able to catch the 4am Radio New Zealand News with Relda FAMILTON on 630, 756, 819 and 1314kHz before final fadeout.

One lunch time (the business community closes down between 11.30am and 2.00pm for a midday siesta) I walked several blocks in 30° plus temperatures in search of Radio Tahiti's studios. The roof top antennae confirmed their position and I took a photograph for the record. The only commercial identification was a small handpainted "FR3" on a window and an RFO (Radio France Outre-Mer) logo adjacent to the main entrance. After looking furtively through darkened glass into empty offices and studios, I returned to work.

At sign-on (6.00am or 1600 GMT) and closedown, besides medium and shortwave frequencies, Radio Tahiti is now announcing a series of "modulation de frequence" outlets, broadcasting to the islands of Tahiti and Moorea on 89, 90.5, 91.8, 99 and 94 megaHertz, presumably to meet the competition of those unofficial stations on FM we revealed last year. Incidentally, I was unable to elicit any further details of the latter operations, apart from assurances that they were not considered illegal.

Plenty of multi-band receivers were on sale in Papeete, but with government revenue in French Polynesia coming from sales taxes rather than income tax, prices for everything were high. Examples - Sony ICF2001 at NZ\$550, National Panasonic DR26 for \$440, the big DRQ63 for more than \$800.

And so back to my mystery Frenchman, heard in Papeete on two consecutive mornings (GMT dates 10 & 11 February) but never in the evenings! On both occasions, a spoken programme, not unlike a film soundtrack popped up just after 6.00am with weak to fair signals and slow deep fadeouts until finally lost around 6.20am. Local associates assured me the programme didn't tally with the unofficial FMers, but otherwise could offer no clues to identity. For myself, the fact that the station was so weak and fading before local sunrise was complete, plus the direction bearing set by the TRF (to the southeast) makes me suspect a location in the only concentration of Frenchmen to the south east of Tahiti - namely in the Tuamotu Archipelago and Gambier Islands group some 1500km away, and containing the French military bases of Mangareva, Fangataufa and Mururoa, serving their atomic experimental projects. It looks like we will have to rely on a seaborne DXer to provide further information on this intriguing station. Where are you Greenpeace?

BRYAN CLARK

a very good turn-out with a total of 19 contributors so the hobby is at the moment. The trail this month though is rather sparse but with the arrival of our Latin American friends I'm expecting bump-up on right the way through Winter. As the propagation from North we can expect the clear channels to become dominated by our Spanish - so now is the time to do your groundwork and plan your attack on the land. For most of us it will mean brushing up on our Spanish and phrases. An idea would be to listen to some of the more powerful SW stations like 4832, Caracas 4945, Ecos del Torbes 4980, Continente 5030, and say they give id's and time checks e.t.c. so you will have a better important programme detail. Also we can expect to hear greater things in the mornings, the best time being from just before until just after the usual offerings from the Middle East and Northern Africa. If this is enough scope then there is always Asia and the Pacific - don't forget for on 585Khz for the new gospel station "Pacific Beacon" W, Samoa the air anytime. Last month's request for N.S.W. stations went general for Mark Nicholls and myself so let's see a more wide-spread effort concentrating on Victorian stations. Let's also see a higher percentage if you haven't written for a while why not do so even if you don't report. Until next month then, now into our mailbox!

ake
with varies from ;
ted June '81) and CHPQ
ates that the Sale's Rep
Ohio is cleaning up a
3 years old so if any-
verie don't give up yet.
a receiver sure does
ances of hearing stations

eenstown
quiet month with logs of
JO WBAP 820 KOGD 600 KC-
J JDRF 1422 with a lone
re 792. Thanks for the N.
you can assist with the
rs!!!

Pukerua Bay
his location with 2 away
5 and awaiting quite a
o reply. Dene gives verie
Ino B Sarabosing, DZPA
YWC Ms. Sandra P. Duran
d luck with the rest

rcargill
e giving QSL news from
ZB with no logs. Time for
me thinks.

Invercargill
te listing QSL's as
370 and HLSR 1170 with
rt out to 2KA. You had
!

nvercargill
from YVKS R. Caracas 750
K 837 with just the one
XR 783. You'd better lead
appy Wedding anniversary.
y more!

Laurie Boyer, Invercargill
Still has them rolling in from Austria 1478
88C 1296 1089 1521 693 1053 1197 1215 Sax-
on R. 1251 Prague 702 Lisnagarvey 720 R.
Wyvern 1530 Bratislava 1098 Sudwestfunk
1017 Kulundborg 1062 Saar 1422 Lopik 675
Manx 1368 Leicester 837 Stagshaw 693 EAJ2
954 Bologna 567 45J 1610 KNTA 1430 KBAM 12-
70 KFIZ 1450 WIZM 1410 WPHM 1380 WAIT 820
WSBT 960 WKAR 870 WUCA 1270 WBEV 1430 CKSB
1050 CKSB 2(40 watt repeater)CKNX 920 CBKF
690 CJBC 860 CBKF 2 860 along with logs of
Kapiti 1125 2YT Fifeshire 855 HLKM 657
HLKQ 1062 and HLAG 594. Not planning a trip
to Korea are you ? Rugby season soon!

Andrew Gardner, Windy Wellington
Signals have blown in from KSSK 590 KQUA
690 KUAI 720 KKON 790 (after DR's crown-?)
KEEN 1370 WRTK(ex-WSAY)1370 with QSL's fr-
om 2YT 2YW KCCN KTRH 740 KFAB 1110 and XERF
1570. Plenty more DX to come this winter.

Peter Chambers, Opunake
Whilst listening with small loop/booster
and 14 trans. radio reports WHAM 1180 KK-
UA 690 and 4XD with replies from JOAK 594
KVOO 1170 and 4XD. Won't Dad let you use
the longwires?

Chris Martin, Sydney N.S.W.
Reports out to 2CC 45J 2RG 3TR and varies
to hand from Dacca 693 45J 1610. Good to
hear from you Chris. Next Convention we will
have a Day/Night International so better
spruce up your spin-bowling?

Lindsay Robinson, Invercargill
Boast's 16 days holiday coming up so I'm
reserving a page for you next month. Just
QSLs this month from A3Z 1017 45J 1610
and KRAK 1140. Ha ha indeed!

Robin Chambers, Opunake
Kindly reminds us of his existence with
reports out to 1XW R.U. 1422 4RO Raki-
Raki 1467 DZEM 1422 4ZA 22C Rhema 594
1XE 693 KPUA 970 KUHL 1440 (again) 2XJ
and QSL's in from 1ZE BE062 1000 2GN Cal-
cutta 1134 DZFM 738 2HD 88C Masirah 702
Fiji, Labasa 684 Raki-raki 1467 KQWB 15-
50 4ZA and 2ZA. Robin has just built
himself a 1-metre loop/wavetrap/booster
so should be active again very soon.

Ray Crawford, Boyne Island, Qld.
Reports out to 6WB 1071 JOOR 1179 and
HLKN 1467 with rewards from Solomons 1035
4SJ 1610 KSPL(ex KAYO) and Iran 1566.
Seem's like strange conditions all round
Ray, pretty much like the weather tho'
I'm hoping for a bumper winter.

David Ricquish, Windy Wellington
On a peice of Andrew Gardner's notepaper
reports logs of KARN 920 KQWB 1550 (when
in Auckland) WRTK(ex-WSAY)1370 and repl-
ies in from 1YA 2YM 2ZF (for Picton recep-
tion, separate card issued) 4ZG 4SJ BEG40
Voice of Asia 621. Guess you'll be after
the new Hawaiians soon.

Paul Rawdon, Eastbourne
The briefest of notes with just one out
to 45J 1610 and nothing back. Hope you
enjoyed your trip. Did you go over for the
Jamboree?

Paul Edwards, Wellintune
We hope! Varies in from KYOS 1480 and KRAK
1140 both for follow-ups with a lone log
of XERF 1570. Yes, I hope they do answer
this time. Good luck with the SW Latins.

Lyall Mathieson, Morrinsville
With his latest list of logs XERF KROW
780 Waiheke 1404 Fifeshire 855 410 R. Ten
KKUA KING 1090 KQWB 1550 KFAB 1110 and
WLW 700 reaping rewards from Tuvalu 621
KRAK 1140 WMAQ 670 KCCN 4RO 2XL 918 XERF
and KROW. Nice list Lyall, I hope things
continue on this high.

Paul Ormandy, Oamaru
Your ed. after spending a week at his
site has logged the following KKON 790
KQWB 2AP 540 KNEW 910 KZLA 1540 KPRZ
1150 KLIF 1190 WIBW 580 WCAU 1210 KFH
1310 WCCO 830 KDIA 1310 KAAM 1310 KZOO
1210 KFVB 980 WNAX 570 and as yet unk-
nown KTKH 1330, can anyone help??? Just
the one reply from KRIO 910.

Brian Webb, Upper Hutt has a report out to R.
Fiji-Suva 558 and varies in from 2MO 2YT 2ZN
4BK 4HI 4LG 4QS and 4QW. Quiet month for you,
appreciate more detail on your ORU report. 23

BEST OF THE MONTH-Senior
Station; WSPD
Toledo, Ohio
1370Khz 5000w
142 points
Mike Smith, Opunake
(3 entries)
Junior-
Station; KFAB
Omaha, Nebraska
1110Khz 50,000w
Andrew Gardner, Wellington
(1entry-come on Junior's)

Lance Johnston, Christchurch has had quite an
exciting month, with Nathan Paul being born
18 February! Congratulations to you and Gay!
Arrived at 2 am - surely a born DXer! Logs
are away to KIRO 710 and KROW 780 and a QSL
back from 2AP Nuutoi 540.

Patrick Martin, Seaside OR has a new 1500 ft
beverage to the east and reports interesting
catches from domestic stations. Reports out
to 4VEC-1035 SRS Surinam 725 KWVR 1340 KMCL
1240 KFLI 1240 KOY 550 KZKZ 690 CBW 990 KWKH
1130 KUTY 1470 KNYO 600 HJGE R. Bucaramanga
890 4XA DXCC 828 DXBL 801 Radio Tuvalu 621
(tentative) KGUM 567 KNTQ 1080 (ex KANC)
KCBF 820. Varies in from Radio Cayman 1205
KORD 870 KWHO 860 KLAR 1300 (best domestic
catch at 500w directional SE) KBGN 1060 KBIF
900 KHSN 1230 KBEE 970 WCKY 1530 WWWV 1100
KRVN 880 KCEE 790 KUAM 612 KTWR 801 KGEZ 600
4ZR and PPBS Nei Menggu PRChina. Another good
month. Have you been suppressing Pacific NW
signals?! All we can get are W calls out of
the states these days!

BARBADOS CBC Radio on 900, according to on
air announcements is installing two new 10kw
transmitters in parallel, and commencing 24
hour operations. (This should make reception
more likely in NZ). Voice of Barbados 790
no longer carries Barbados Redifusion Service
programs, and has own program format. VOB is
on air 0930-0500 GMT daily, announcing as
"VOB Action Radio". There is an FM outlet on
on 90.7 operated by Barbados Broadc. Services.
Thanks to Winston Lashley of Auckland who has
just returned from a vacation in Barbados.

ANGUILLA Caribbean Beacon 1610 is announcing
power as 30kw according to reports in DX News
(NRC) of February 7. Heard February 14 with
0930 ID "You're listening to the bright spot,
this is Caribbean Beacon broadcasting from
Anguilla in the West Indies. The time is 5:30
Eastern Caribbean Time" and putting in a
monster signal with gospel music. Louder than
ever heard before, so 30kw is quite likely.
David Ricquish

AST TRAIL

930 KHJ Los Angeles, CA clear w/"Country 93 KHJ" ids and C+W mx PO
 950 KPRC Houston, TX gd w/ prog. detail for the "Toughest Roadshow in Texas" then MOR mx 0834 PO
 980 KFVB Los Angeles, CA gd w/"News 98" id. then continuous news, suffering slight het. from NZer 0922
 1000 KOMO Seattle, WA fair 0942 w/ ads and temp. "It's 42° here at KOMO then weather brief PO
 1030 WBZ Boston, MA 0857 w/ids after talk show then ads and news 0900 PO
 1040 WHD Des Moines, IA fair 0846 with Larry King PO
 1050 XEG Monterrey, Mexico R. Melodia gd w/EE and SS annc. and EE T40 mx from 0745 right thru PO
 1080 KRLD Dallas, TX gd w/ station promo over 1ZB 0921 then EZL mx PO
 1100 KFAX San Francisco, CA male DJ w/"K-FAX" id 1101 before gospel programme, fair DR
 1120 KMOX ST. Louis, MO "You're listening to the 50 000 watt clear channel voice of St. Louis, KMOX" Id by male DJ 0833, local wx 35° temp, promo "every Sunday, the Superbowl comes to you on KMOX at 4:45" vgd and clear, no sign KPNW this time but came thru on top later in the evening DR
 1150 KPRZ Los Angeles, CA gd w/NBC nx, ads and local election results mxd XEJP PO
 1180 WHAM Rochester, NY Still playing Xmas tunes 020283, Fair w/YL DJ o/unid. presume K80Z 0951 PO
 1190 KLIF Dallas, TX vgd w/Larry King Show 0920 then "1190 KLIF Dallas" id before and after news 0930 PO
 1210 WCAU Philadelphia, PA gd w/CBS nx advert. and sports 0957 PO
 1290 KRGV Weslaco, TX vgd w/id. "1290 Weslaco, KRGV" then CWM PO
 1310 KDIA Oakland, CA gd w/BSol mx then id "The up, the down, the in, the out, the best -KDIA" 0822 then f/out and KAAM in PO
 1310 KAAM Dallas, TX "tell your friends, the best little radio station, K, double-A, M" Then info. for the Dallas/Fortworth area and oldie mx e.g. Manilow, Simon and Garfunkel, Harry Chapin 0824 PO
 1330 KTKH Unknown location, heard above unid. w/"Your all music station KTKH" id w/fair sig. but soon dropping out. 0748 Please help Wichita, KS gd w/local supermarket specials t40 mx 0808 PO

1370 WRTK Rochester, NY 0815-0838 with Larry King show, Id heard 0839, dominant with KEEN suffering power failure, but lost when KEEN returned 0838 AG
 KFRO Longview, TX gd. dominant 0800 RC
 1380 KTOM Salinas, CA female DJ "right here on K-TOM" ID, promo then usual C+W mx, fair DR
 1480 KYOS Merced, CA fair w/id "Rock 'N' Roll radio KYOS" then pop mx 0819 slight QRM XE?? PO
 1524 TILX Turrialba, Costa Rica ?? unid weak w/Latin mx and GMT -6 time checks. No id. heard PO
 1530 KFBK Sacramento, CA gd w/nx o/NZer then Oldie mx 0900 PO
 1540 KXEL Waterloo, IA gd w/sports and PSA 0847 mxd. unid. PO
 1540 KZLA Los Angeles gd w/"1540 Los Angeles KZLA" then AP news 0830 PO
 1550 KQWB Fargo, ND C+W mx, ID 0900 "this is the amazing AM, KQWB West Fargo Airport" into nx "15-5 weather" then back to C+W mx w/jingle "America's music in the heart of the country" fair only mixing with classical mx (presume KKHI) DR. Heard 0808 w/rock 'n' roll from the '60's and station promo with plenty ids by two DJ's PO
 1560 XEFAJ Mexico City, Mexico gd w/R. Consentida ids and ranchera mx. o/unid Yank PO
 1570 XERF Ciudad Acuna, Mexico vgd w/EE prog. hosted by Bill Mack address given and letter from Aussie DXer Nick Lock read over the air - advising that XERF has had reports from Sweden, Japan and now Australia MN 0940 (heard nearly all-night-ed.)
 1570 CHUB Nanaimo, BC very strong at times 0745 - 0845 PC
 1580 KNIX Tempe, AZ strong nearly every night mxd KDAY PC
 KDAY Santa Monica, CA exc. w/needle bending sigs, 25dB plus!!! Hrd w/soul/boogie/disco and id's as "1580 KDAY"
 1600 WEUP Huntsville, AL w/all night rock and roll show. Id's as "WEUP Space City" + "AM 16" plus others with full id. and postal address 0826-0856 (good catch) MN

Conditions were unusual to say the least with most Northern West-Coasters absent 25

Notably KEX, KPNW, KGA, Canadians, and from my location very few Hawaiians. When DXing the Yank's I heard several ad's recurring over different networks particularly during news breaks. They were "Aids Slimmers meal replacement plan", "Topal Smoker's Breath Freshener" and "Topal Smokers Breath Concentrate" all conversation-style ad's. Keep an ear out for them.

PART TWO: HAWAII
 550 KMVI Wailuku, "IT'S 2:40 in the morning, KMVI the station the females have" male DJ 1040 then jingle Id "Were close to you - KMVI" Johnny Mathis mx vgd. DR
 590 KSSK Honolulu, strong all night PC
 690 KKUA Honolulu, simulcast id. "KKUA 93 FM Stereo" promt for Energy Hotline 1007, then Little River Band mx, exc
 790 KKON Kealahou, gd w/ prog details for "Kaliedoscope" o/KABC PO
 830 KIKI Honolulu, Heard "KIKI" id, record ad's, Pointer Sisters music fair 0952 DR
 870 KAIM Honolulu, Beware, this is the station with SS gospel Mons from 0830 till 0855 PO
 900 KNUI Kahului, Suprisingly up strong o/4YC w/full legal id. 0958 after talk about Pacific Telecommunications DR
 990 KHVH Honolulu, strong most nights until swamped by 4RO PC
 1210 KZOO Honolulu, Annc in JJ by YL DJ then Federal id. in EE by OM quickly thumped by WCAU. Heard briefly 0815 w/EE-JJ lang. lessons?? PO
 1540 KISA Honolulu, Disco mx, "KISA" ids 0845 vgd PO

Thanks this time to Robin and Peter Chambers at Opanake, RC and PC. Mark Nicholls in Queenstown, MN. Andrew Gardner in Wellington, AG. David Ricquish from Mission Bay, Auckland, DR. Paul Ormandy from Waianakarua, PO. Lets have twice as many contributors next time and don't forget the Victorian stations for next month's issue Also when you are making contributions please list as much info as you think relevant particularly anything regarding sign-on and sign-off times, any network affiliations in fact anything to aid the identification of stations. Please also tell us briefly of the equipment you are using, your aerial and any other little hint or tip you find useful. A lot can be gleaned from such info. 73's Paul.

EST OF THE WORLD
 a, Nuutoi, gd w/interview
 ed by Samoan mx 0844 PO
 0
 o, Japan fair 0835!
 n Bell's then CC
 600
 Japan exc. 0835
 n strong 1605
 ak on loop pointing West
 ago, Am,Samoa exc 1605
 Japan thru Fiji 0835
 , Japan gd 0838
 o, Japan gd 0838
 S,Korea fair 0838
 int.sig. gd o/JJ stat-
 29
 se station gd 0833
 ma, Japan gd 0833
 e coming from Robin
 ery interesting early
 and he notes Latins are
 through.

SURVEY No. #1*
 with Wales
 gd w/ABC prog. 0930
 h, fr ABC prog 0902
 ,gd w/Opera mx 0643
 gd w/ABC news 0900
 i, fair w/ABC prog
 QRM KTRH 740
 :gd after 4YC off w/mx
 : region
 umbah, gd w/"2MW" echo id
 ck mx 1104
 gd w/horse racing
 vgd w/"Your Sydney must
 " and "summertime and bet-
 sic" playing BFL music
 l, fair suffering het.fr.
 is. 0917
 le, fair w/contemporary
 urgence rock" prog. 1014
 st, "Gold Country" radio
 : show
 quin, strong signal with
 down and full station
 s at 1200, then Waltzing
 a to close
 jong, gd w/"2 double o
 yong" ids and pop mx 0904
 ngton, Radio For the Print
 capped, clear with light
 stral music 0915

< Nicholl's for his 5
 everyone contributing 5
 th. Remember it's the turn
 t month.

NEW ZEALAND NEWS Radio Rhema granted another permanent station, this time at Nelson. The transmitter power will probably be 2kw and frequency expected to be 1269 khz, although this has yet to be finalised. Station will relay programs from 3XG Christchurch 1503. Studio facilities located at Nelson should allow local programming, but it is of note that 2XG still carries 100% relay of 3XG and no local programming yet originates from the Wellington studios. David Ricquish

Campus Radio, also known as Radio B is now virtually a permanent feature on the Auckland scene. The latest warrant is for the entire period 14 February to 26 November, to provide an entertainment and information service to students during enrolment, orientation, cap-ping and campus events. Frequency: 1404 khz and power: 250 watts. Advertising permitted. Times: Midnight-1am and 7am-Midnight NZTime daily 14/2-13/3, 1/4-5/4, 23/4-25/4, 30/4-8/5, 4/6-6/6, 2/7-10/7 and 22/10-24/10; then Midnight-1am and 4pm-Midnight Mon-Fri; Mid- night-1am and 7am-Midnight NZTime Sat-Sun on 14/3-31/3, 6/4-22/4, 26/4-29/4, 30/5-3/6, 7/6-1/7, 11/7-14/8, 4/9-21/10, and 25/10-26/11. Operated by Auckland University Stu- dents Association. Broadcasting Tribunal

Radio Otago and Otago Central QSL Policy
 "Our policy is to respond to all reception reports received; we find them both useful and gratifying and are delighted to partici- pate in the exercise. We acknowledge that this has not always been the case, and apol- ogise to anybody who has been let down in this regard in the past. I do not pretend that we forward replies by return mail, but we certainly do attend to them all and at intervals of no more than a couple of months. If any DX Times readers have had recent ex- periences to the contrary, I would be truly grateful if they would bring them to my at- tention personally." Richard Rayner, Gen- eral Manager, Otago Radio. 17 February 1983

Station addresses are: Otago Radio 4XO, PO Box 1210, Dunedin; Otago Radio Central 4XA, PO Box 143, Alexandra; Otago Radio Central 4XC, 4XE, PO Box 224, Queenstown.

Short-term Warrants: QSL problems: It seems that some difficulty is being experienced in obtaining QSLs from short-term stations such as Radio Fifeshire, Coast Radio 2XK/XL and Radio U. In the first instance, local members should approach the people running the stations and explain what DXing is all about, and perhaps offer to help with re- ports. If this fails, please obtain a con- tact name and refer to Chief Editor.

PACIFIC ASIAN REPORT

NEW ZEALAND

1026 1ZK Kaiaia 2kW is to originate local programming 0900-1500 NZST. Specific days as follows: Feb 15, 17, 22, 24, Mar 1, 3, 8, 10, 15, 17, 22, 24, 29, 31, Apr 5, 7, 12, 14, 19, 21, 26, 28, May 3, 5, 10, 12, 17, 19, 24, 25, 31, Jun 2, 7, 9, 14, 16, 21, 23, 28, 30, Jul 5, 7, 12, 14, 19, 21, 26, 28, Aug 2, 4, 9, 11, 16, 18, 23, 25, 30, Sep 1, 6, 8, 13, 15, 20, 22, 27, 29.

1215 1ZE Kalkohe 2kW is to originate local programming 0900-1500 NZST. Specific days as follows: Feb 14, 16, 18, 21, 23, 25, 28, Mar 2, 4, 14, 16, 18, 21, 23, 26, 28, 30, Apr 6, 8, 11, 13, 15, 18, 20, 22, 27, 29, May 2, 4, 6, 9, 11, 13, 16, 18, 20, 23, 25, 27, 30, Jun 1, 3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27, 29, Jul 1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25, 27, 29, Aug 1, 3, 5, 8, 10, 12, 15, 17, 19, 22, 24, 26, 29, 31, Sep 2, 5, 7, 9, 12, 14, 16, 19, 21, 23, 26, 28, 30.

1269 2XM Massey Radio is on with 200W. Operation began 13th Feb and will end 7th May. Hours are 7.00am to 1.00am next morning but restricted to 4.00pm to 1.00am from 13th Mar to 23rd Apr.

1422 3XB Canterbury University is on with 100W. Operation began 14th Feb and will end 13th Aug. Hours are 7.00am to midnight except the periods 14th Mar to 17th Apr & 16th May to 17th Jul, when hours are 5.00pm to midnight.

All Broadcasting Tribunal

1431 4XD has moved Xmtr site to High- cliff (ex BCNZ). Comparative reports from DXers are welcome but if you don't send return postage your mailbox will remain empty!
J. Fox 4XD Publicity Officer
 (NZRDXL Patron)

1125 2XS is pleased with it's Ohakune Mountain Radio operation and is studying to see whether to make it more regular. 2XS

640 APPL E1 Paso, TX 10/1kW
 660 APPL West Fargo, ND 10/1kW
 New Santa Ynez, CA 10/1kW U5 seeks KGDP

750 New Clint, TX 25/1kW
 New E1 Paso, TX 10/5kW

910 New Hesperia, CA seeks KHSP

1150 KNOI Pullman, WA seeks KQQQ

1170 WAMB Donelson, TN inc pwr to 50kW D6

1220 KLIP Fowler, CA QSY to 1210 10/0.5kW

1340 KQIL Grand Junction, CA seeks QSY 1370 5/2.5kW

KSZN Pampa, TX ex KPDN

1560 KBER Abilene, TX seeks KFMM
 APPL Imperial, NE 5kW D1

1570 KIJN Farewell, TX QSY to 1060

NRC AM SWITCH

AUSTRALIA

4VL's translator at Cunnumilla will be on by the end of March. 1584kHz 200W. The delay has been due to adminis- trative problems.
Chris Martin

AMERICAN SAMOA

Pacific Beacon 585kHz is to start July 1st. D. Durringham is no longer with Quality Media Corp. Reports to be sent to Bill Kitchen.
Chris Martin

HAWAII

KZHI is new call for KIOE 1080. Format has changed to Rock.
NRC/DXA via IRCA

INDIA

AIR Madras 720kHz will increase power to 200kW.
Chris Martin

LEBANON

Galel Zahal now heard from 3 Xmtrs in Lebanon: 1134 Sidon in the Northern part of the Western Sector; 1305 Southern part of Western Sector and 1584 Eastern Sector. All stations are // with other IDF Xmtrs.
Chris Martin

Cheers! Andy Gardner.

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

Local President: Arthur Cushen M.B.E.
Editor: David Ricquish

Shipping and administration inquiries:
x 1313, Invercargill

For contributions, advertising, and distribution inquiries:
x 2956, Wellington

For licence certificates and inquiries:
x 3011, Auckland

For subscription orders and inquiries:
only, 15 Fitzroy Street, Kawerau.

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

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DM THE BRANCHES

Local members met 23 January with 9 members, 4 apologies and many away on vacation. Competitions: Shortwave Over 9 to 10 with VOA via Ascension Island, 9 khz 250 kw 103 points; Shortwave Over 9 also to Jim with FR3 French Guiana 55 khz 10 kw 97 points. Bryan Marsh won on the RMI Contest in which he placed 4th and gave a talk on over-impedance. Several new receivers on display. Next meeting scheduled February. Contact Tom Rushbrooke x 279 8348 before 9am or early in the morning or write: Flat 1, 19 King Street, Invercargill. Members in Wellington should contact Andrew Gardner (phone 783 068) or 5 Bharat Terrace, Broadmeadows. If members in Canterbury, contact Alastair (phone 588 496) or write: 37A Merrett, Christchurch. For North Otago your contact is Doug Walker, 7 Fitzroy Street, Oamaru. Southland members meet monthly with 10 present and 5 apologies of Irene Simpson. Picnic and work-out planned at Tiwai on 19 February. Next meeting there on 22 February. Airing of Radio Time was played by Steevenyer. Competitions: Broadcast BOM 1 Parry with FR3 Wallis et Futuna on 1 khz 1 kw; Merit to Arthur Cushen with

YVKS Radio Caracas, Caracas, Venezuela on 750 khz 100 kw. Shortwave Over 9: Russell Winter with HCJB Quito, Ecuador 26020 khz 100 kw and Shortwave Under 9 to Lindsay Robinson with Turkish Police Radio, 6340 khz 1 kw. Contact: Irene Simpson, (phone 57 431) or write: P O Box 1313, Invercargill.

Members living in a part of the country without an active branch and interested in establishing one, are invited to write to Headquarters for information on the requirements. In past years, branches have been active in Taranaki, Waikato/BOP, South Canterbury (Timaru) and Otago (Dunedin).

INTERNATIONAL DIARY FOR MARCH 1st South Korea Independence Day; 3rd Morocco National Day; 6th Ghana Independence Day; 12th Mauritius Independence Day; 13th Grenada (W.I.) National Day; 20th Tunisia Independence Day; 23rd Pakistan National Day; 25th Greece Independence Day; Portugal National Day; 26th Bangladesh Independence Day; Ecuador National Day; 27th Burma National Day; 31st Malta National Day.

AUCKLAND CONVENTION IN 1984

Auckland Branch has been granted permission by the Administrative Committee to host the 1984 Convention at a time and date yet to be decided. The success of Convention 1980 in Auckland was such that Convention 1984 should also prove to be an outstanding success. Members should start to plan now to be in Auckland in 1984. The Convention is expected to be open to all members of SPARC affiliated clubs in both Australia and New Zealand.

IN MEMORIAM With regret we record the passing of Ron Service, a member of the League for many years. Formerly from Southland, Ron has been part of a wellknown DXing family that includes Trevor Service. Still active at 70, Ron lived at Ashburton. Our thoughts are with his widow and family at this time.

FOR SALE: Pye 8 band 5 valve radio, bandspread incl 11 metres, suit beginner SWL. Write: Arthur Williams, 26 Centre Street, Invercargill.

DX RADIO MUSEUM requires SW receivers and converters (eg: Pilot Super-Wasp, S-M Bearcat, Crosley "Lowave", Submariner, Add-a-phone, Phillips 2802, De Forest etc) 1920s-early 1930s period. Also any parts, in any condition, and multiband radios from 1930s not necessarily in working order. Wanted to buy. Write: Arthur Williams, 26 Centre St, Invercargill.