

N.Z. RADIO



LEAGUE

ISSN

0110-3636

Vol 35 No 5

# NEW ZEALAND DX TIMES

January-February 1983

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

- \* KYOI SAIPAN ON AIR
- \* ARGENTINE STATION  
IN ANTARCTICA
- \* RADIO IN CHINA TODAY
- \* RADIO SANAA QSLs
- \* UPDATED CUBAN AM  
GUIDE
- \* HURRICANE HITS THE  
STATE OF HAWAII
- \* AUCKLAND FM PROGRAM  
DETAILS
- \* PIRATE ITALIAN SW  
STATIONS HEARD WELL
- \* TIS STATION FOR NZ
- \* SPECIAL MESSAGE FROM  
CHIEF EDITOR
- \* RADIO NEW ZEALAND  
SHORTWAVE REMAINS ON  
AIR...BUT.....

Welcome to 1983 everyone! It's good to be back with you again, especially this year which is World Communications Year. The United Nations has agreed that special attention should be given to communications this year, and, as usual, the DX Times will be keeping you up and ahead of the news.



1983

ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



1983

The Pacific is where it is all happening! KYOI Super Rock Radio on Saipan has commenced broadcasting rock music programs from powerful shortwave transmitters to an audience of millions in Japan and the Northern Pacific. Programs are in English and Japanese, with commercials designed for listeners in Japan. This is another of a growing number of commercial shortwave stations now coming on air. More are planned for the Pacific region.

In Honolulu "the vast potential of the Pacific Hemisphere in the emerging era of telecommunications will be the underlying theme of the double keynote addresses that kick off the 1983 Pacific Telecommunications Conference" later this month.

Against all this background of increasing activity in the Pacific radio world, there is continuing uncertainty about the future of the Radio New Zealand shortwave service. This is currently continuing as a relay of the domestic national program with no special programs, and is being funded entirely by Radio New Zealand. Although it is believed that the station will remain on air until 31 March 1983, recent developments in Wellington give serious rise for concern that the plug might be pulled soon after. It is understood that the External Services Division is no longer staffed, and now exists only on paper. If you have not yet verified the station, I suggest you send your reports in before 31 March, even though we doubt whether there is anyone there to confirm them for you.

At the time of the threatened closedown in 1982, Radio New Zealand was persuaded to continue the service at its own cost. That decision was made in the face of political antipathy by the Government and was courageous. A review of alternative methods for keeping a New Zealand presence on the shortwave bands was undertaken, and various options for the funding of a new shortwave service were explored. It is not known what decision has been made. In World Communications Year it would be wonderful indeed if the recent changes at the External Services Division herald the establishment of a new shortwave service. We would like to believe this to be so, but in the absence of any statement from Radio New Zealand, it would be realistic to also consider that World Communications Year may herald the attempted closedown of the station again. We continue to live in hope for the best.

You will notice that this is the January/February issue. We have decided to bring the date of the magazine more in line with the actual time you will be reading it, even though it really makes no difference at all. It's all in the mind you know! The next issue will be dated February-March, and of course, the magazine will continue to appear monthly, every month. CLOSING DATE for next issue is Monday, 14 February for your summertime DX, news, notes, letters and points of view and Ladder Competition entries. All sections welcome your articles and your continued support. Contributions by Midday, 14 February please.

# ive Mailbag

akes a holiday over Christmas/New Year, but not so for the following lucky members!

land has our biggest list this from RNZ 17705, YLE 15265, VOFC 17890, Beijing 15435, 15150, FEBC 21515, Ulan Bator P 17880, 15250, AIR 11620, 375, AFRTS Bethany 11790, Nth the following Radio Moscows: nze 15420, Armavir 21645, 15560, Irkutsk 17880, 21530, Sepukhov 11810. Well done!

Wellington has veries from VOA YFR 11830, Prague 17815, and tes too: Kiev 15360, Armavir ruzne 12060, Ashkhabad 15540. u John!

↓ Invercargill reports 12 away tria 21610, Israel 13745, Kuwait 120. Ta.

aside Oregon USA takes a spell advise of QSL cards from Saudi Let us know frequencies of any Best wishes from 'down under'.

ymouth had a festive Christmas atch 20 reports and was reward- slo 17710, ICRC 21520, REE 15300, ORF 15235, 15415 and me here Alan!

Pukerua Bay is back into DX and veries from SRI Lenk 6165, Frunze 11820 (card endorsed neral of President Leonid '397 at last! No doubt a few mfly addition Dene!

ana has verified RAE 9690 with ter and tourist bulletin (When hi?), Kuwait 11675, NHK rmarvir 9785, TWR Bonaire Jack reports that he is now ence cable for long wire

200 metre roll, it's got to be products it is supposed to be olet light (earlier cable deter- of 6 wire strands. Jack is also aged antennas and has plans for o to 6 aerials feeding 4 radios. orking on your forms request.

d sneaks in with a mis-addressed Bandwatch contribution - his first reports out in 2 15190 hrd 0700-0900 and 11900 hrd 0900-1100. Bob their correct address is P.O.Box 50 and US stamps can be used for return postage. New Year Greetings to All! BC

## GUEST EDITOR: BRYAN CLARK

standing in for Bill Huddleston who is vacationing in sunny Australia.

NOEL PARRY Invercargill has 5 out and replies in from Greece 9865, Dubai 15300 and Beijing 9860 with pennant. The mail got thru this time!

JOHN DURHAM Hamilton can always be relied on for an interesting variety of QSLs - Dubai 15300, Marumby Brazil 9675, Beijing 6860, RM via Kiev 7330, via Novosibirsk 21690, Pontianak 3995 and Radio One 6221. Re the latter, John comments that they were heard during a silent period by usual Radio Milano, carrying news headlines etc at 0600. QSL advises that his report was 'the furthest from Italy' they have received. Due to organisational problems they are not able to continue these exper- imental broadcasts, but may broadcast special programmes via IBC Milan. Thanks for your con- tinued support John!

CECIL SYMMES Wellington sports a lone QSL from Kaduna 4770. Good one Cecil...salaams!

BRIAN WEBB Upper Hutt keeps the Post Office in profit with a colossal 115 reports out and veries from HCJB 6130, PJB 9755, ORU 17595, 15590, IBA 9815, 15885, Dubai 21700, RA 6045, 17795, 17870, 9570, 5995, SRI 21520, RBI 21465, 21540, 9620, 7260, 6040, 6115, Monte Carlo 9495, VOA 11865, 15140, 15445, 15600, KTWB 9505, AFRTS 15430. Haven't forgotten your certificate Brian.

ARTHUR CUSHEN Invercargill has verified Madrid 15190, Helsinki 25950, VOA Greenville 21840, 15580, TWR Monte Carlo 9715, Beijing 15120. Hope the Queenstown holiday went well Arthur. Looking forward to my 1983 WRTVH!

PAUL EDWARDS Wellington has a quality trio of QSLs from Sanaa 4853 (grrr! BC), Patagonia 6080 and Niger 5020. 6 reports and 14 f/ups away.

DESMOND ARNOLD-KELLY of Nelson has 11 out and has received QSLs from RM 21475, RN 9715, NHK 17755, RDP 9575 and ORF 17820. Thanks.

BRYAN CLARK Auckland has a solitary verie from Jerusalem 13745. 3 reports away.

### BEST OF THE MONTH January 1983

Under 9mHz: Kaduna Nigeria 4770kHz 50kw Cecil Symmes, Wellington

Over 9mHz: International Committee of the Red Cross via SRI 21520kHz 250kw Alan Gilmour, Greymouth

## Shortwave REPORT

with JOHN MAINLAND

COPYRIGHT Material attributed to the BBC Monitoring Service (BBC MS) is copyright and may not be reproduced without permission.

"VOICE OF THE LIBYAN PEOPLE" (hostile to Qadhafi of Libya): 0530-0630 AA 11977, 0630-0730 AA 11285, 1530-1630 AA 11460, 1630-1730 AA 12230, 2000-2100 AA 12645, 2100-2200 AA 11365. This radio station was first heard on 13th Sept 1982. It describes it- self as the voice of the National Front for the Salvation of Libya.

BBC MS 9/12

VENEZUELA According to Senor Alfonso Hernandez Cata, head of the Technical Department for the shortwave service of Radio Nacional de Venezuela, since 1st Dec the station has been using new fqs, to avoid the interference on 9530. The current schedule is: 0100-0200 and 0300-0400 on 9555, 1100-1200 and 1800-1900 on 11695. SCDX 14/12

CHINA Using facilities of NHK Foreign bc monitoring post in Japan, Hideharu Torii has determined locations of two unofficial stns in Asian area. Radio Sparks would seem to be operating from a ship in the East China Sea, while Radio 8-1 is apparently in the eastern coastal region of the Soviet Union, probably in Vladivostok. Both stns bc in Chinese for China. Radio Sparks began operations at the time of the Cultural Revolution, and also calls itself "Voice of the Liberation Army" or "Proletarian Battle Division". Radio Sparks is on air irregularly several times daily between 0900-1130 using either 7170, 7285 or 7525. Each transmission lasts around 10 minutes. Radio 8-1 began broadcasts March 79 during Sino-Viet war, transmits pro- grammes irregularly lasting about 5 minutes, between 1200/1530 on 12120. JADX via RIB 12/82

ALGERIA Radiodiffusion TV Algerienne broadcasts until April, 1983: in Span- ish 2030-2100 to Central Europe on 9685, to South Africa on 15160, to East Africa on 15215 and to West Africa on 15370. These same fqs are listed for English 2000-2030. SCDX 14/12  
Clandestine Voice of Polisario noted in AA 2200-2300 with anti- Morocco talks 9533.5 6/11, believed via Algi- ers. R.Wood (Saudi Arabia) RIB 12/82

GUATEMALA From a 24/11 letter from Tulio Haylock, Adventist World Radio, Washington DC: TGMUB has changed fq temporarily to 6090. "Right now it is impossible to hear TGMUB while Radio Luxembourg is on the air, but I hope that sometime soon we will be able to increase power and antenna efficiency enough to be heard after R. Luxembourg s/off 0200. Right now that is the only fq we have available because our transmitter will not operate on a higher band. Sked EE 0200-0400. RIB 12/82  
SAO TOME & PRINCIPE Andy Sennitt has received a letter from Antonia Sebastiana at Radio Nacional in which she states that Sao Tome and the stn itself are very poor. The stn therefore requires 2 or 3 IRCs and an airmail envelope for return postage. Stamps, postcards or other souvenirs would also be welcome. Operates on 4807. DSWCI via RIB 12/82

CZECHOSLOVAKIA Radio Prague EE: 0100-0200 11990, 11950, 9540, 7345, 5930; 0300-0400 11990, 11950, 9740, 9630, 7345, 5930; 0730-0800 21705, 17840, 11855; 0830-0900 (to 0930 Sa Sun) 21705, 17840, 11855; 1430-1500 21505, 17840, 17705, 15110, 11990, 7345; 1530-1625 17840, 17705, 15110, 11990, 9605, 7345, 6055; 1630-1700 7345, 5930; 1730-1825 17840, 15110, 11990, 9605, 7345, 5930; 1900- 1930 7345, 5930; 2000-2030 7345, 5930; 2130-2200 6055. BBC MS 16/12

SYRIA Unidentified Arabic pop stn, heard for a month in Europe, 2000-2200 on 9890 and 11590 is most likely new strong sw stn from Syria according to observations by BBC and DW. RIB 12/82  
ZAMBIA ZBS on new 9503 2030-2202 s/off, some EE including closing 2200.

M.Sams (USA) via RIB 12/82

CUBA Radio Havana EE: 0100-0450 15300, 11930; 0330-0600 11760; 0450-0600 15300; 0630-0800 6020; 1700-1800 11765; 2010-2140 11950; 2050-2140 17880, 15300; 2200-2300 7135. BBC MS 23/12

ITALY/AWR The AWR committee in Europe & board in Washington, DC, are deciding on the next steps to take in carrying out plans for a new radio station in North- ern Italy. A site has been selected. Bar- ring unforeseen circumstances in negotia- tions for purchase of the property, the sale will be concluded in early 1983. It is expected that operations will begin in late summer or early fall. Initially we expect to broadcast on sw for 12 hours per day with a 10kW tx and a HY GAIN 1001 log periodic antenna. via AWR  
BOLIVIA Radio Santa Ana de Yacuma, is carrying out tests on its new fq 4805 (ex-4884) with 1 kW. Directora is Delicia Guardia de Lima. NASWA LN 1/83

# HUR CUSHEN'S SHORTWAVE REVIEW

heard on its initial test on December 17; now has settled to e, 2200-0300GMT 15405kHz; 0300-0900 15190; 0900-1500 11900, z. All times GMT 13 hours ahead of NZ Daylight Time, ilohertz.

atonga heard on 11760kHz now closing at 0830GMT as Cook ving Daylight Time.

would seem the Broadcasting Corporation of New Zealand are con- tinuation of the Shortwave Service after March 31, and have e effective from May 1, 1983. This is: 9620kHz 0830-1215; 11960 1800-2100; 15485 2100-1215; 17705 2100-0815.

ipan heard on initial test December 17, 11900kHz 1030GMT with ement. Testing noted on December 18 on 15190 with the first 35 and at 0700 changed from 15190 to 11900kHz. Announces as s is Super Rock KYOI Saipan". KYOI also heard on 15405 closing at 1900 with interference from IBRA Radio. Saipan is not a radio listeners; during 1945 the Office of War Information, now 1010kHz and also on 860, 960 and 1080kHz.

from January 1 Radio Peking changed its name to 'Radio Beijing'. opted in 1979 when China Romanized its alphabet and it was felt isteners should now be accustomed to the new type of spelling, en introduced to all shortwave broadcasts.

11785 Radio Guaiba heard after 0330 when Deutsche Welle leaves d continues to past 0400.

300kHz operating 0100-0600 in English and now well received left the frequency.

est to India and West Australia January 1 - March 5, 15375kHz lish. Wants reports to Box 691, Quito, Ecuador.

Spanish on 11720kHz closing 0400.

duced several new frequencies from November 7 and these are: 00; 6085 KAV 2100-2300; 7245 WOF 0600-0645 and MUN 1600-1800; 00; 7400GR 0030-0300; 9690 KAV 1600-2200; 11955 GR 1800-2400; 00; 15135 PHL 1800-1845; 15150 GR 1445-1800; 15580 GR 1700-1600-2300; 17640 GR 0000-0400 and GR 1830-2230; 17760 TAN 0 KAV 1500-1600; 17880 DL 2200-2345; 21840 GR 1100-2200. tion; WOF (Woofferton), KAV (Kavala), MUN (Munich), GR (Green- lippines), MVA (Monrovia), TAN (Tangier), DL (Delano).

Bamako opens with band march and identification in French at then continues with recorded music mainly of Arabic type up to tation identification is given and a music programme continues.

akchott 4845kHz heard with station identification at 0800.

A heard in Arabic 0330-0430 on 11705kHz.

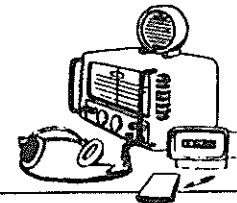
Oslo 26030kHz 1100-1145 excellent signals on this new fre- laces 25730, 25615kHz is also well received at this time.

lm has made a frequency change to South East Asia and is now lace of 21700 1400-1500 with English 1400-1430. The trans- alia and New Zealand 1100-1130 on 21610kHz is well received 'Sweden Calling DXers' is broadcast at 1115.

o for the Print Handicap have been authorised new frequencies PH Canberra, 4RPH Brisbane, 7RPH Hobart and 1629 for 2RPH Melbourne.

# SHORTWAVE BANDWATCH

With Michael Pollard of Wellington.



Despite interference from sun, sand and floods several members managed to steal time at their radios to send us some observations. Good to see a few West Africans being caught on several bands.

Barry Williams has retired from the column for the time being, as the result of a combination of reasons, not least the fact that he has been at the helm for over 5 years. In that time, Barry has continued to set a high standard for this column, and it is the intention of the \*Times\* management to see that this continues. Our good wishes go to Barry for the future, perhaps even including the opportunity to relax over some good DX without the burden of tight monthly deadlines to look forward to!

To continue, then, on to this month's mail:

ALL TIMES GMT Add 13 hours for NZ Time Frequencies in kHz

| FREQ | TIME | COUNTRY          | STATION                  | PROGRAM & RECEPTION DETAILS  | INITS |
|------|------|------------------|--------------------------|--|-------|
| 2410 | 1300 | PAPUA NEW GUINEA | R.Enga.                  | Heard at s/off with National Song.   | OC    |
| 3205 | 0930 | PAPUA NEW GUINEA | West Sepik.              | EE music, vernaculars. Fair.   | CS    |
|      |      |                  |                          | 1250 local gospel prgr to s/off 1300.  | AC    |
| 3215 | 1300 | INDONESIA        | Manado.                  | RRI news.  | AC    |
| 3260 | 0940 | PAPUA NEW GUINEA | Madang.                  | Pidgin Xmas prgr, fair.  | CS    |
| 3335 | 1000 | PAPUA NEW GUINEA | East Sepik.              | Pidgin Xmas prgr, fair.  | CS    |
| 3385 | 0850 | PAPUA NEW GUINEA | East New Britain.        | EE weather & news, fair.   | CS    |
| 3915 | 1750 | SINGAPORE        | BBC Kranji.              | EE sports news, poor.  | CS    |
| 4832 | 0803 | COSTA RICA       | R.Reloj.                 | Spanish annmts & ID, then Latin music.   | CS    |
| 4845 | 0740 | MAURITANIA       | Nouakchott.              | FF and music, fair LR. 0800 ID.  | AC    |
| 4875 | 0755 | COLOMBIA         | R.Super (tentative)      | SS annmts and Latin music, poor.   | CS    |
| 4885 | 0809 | BRAZIL           | R.Clube do Para, Belem.  | PP w/accordions & advts, fair.   | DL    |
| 4945 | 0730 | COLOMBIA         | R.Super w/CARACOL netwk. | prgr, SS annmts & ID.  | CS    |
| 4980 | 0910 | VENEZUELA        | Ecos del Torbes.         | SS annmts, music, ID 0930.   | CS    |
| 4996 | 0958 | PERU             | R.Andina.                | 'Amanecer Andino' prgr, very good 24/12.   | PE    |
| 5020 | 0820 | SOLOMON ISLANDS  | Honiara.                 | Chimes, fair.  | CS    |
| 5930 | 1730 | CZECHOSLOVAKIA   | R.Prague.                | EE news & cmtry. ID 1739, fair.  | CS    |
| 5955 | 0451 | NICARAGUA        | Managua.                 | SS, then EE 'Nicaragua Today' at 0520, fair.                                       | JM    |
| 5960 | 0515 | GERMAN FED REP.  | DW.                      | EE ID at 0518, good.//6185.  | CS    |
| 5985 | 0620 | TAIWAN           | VoFC.                    | EE, ID 0624, fair.   | CS    |
| 6005 | 1825 | VATICAN RADIO.   | ID at 1830,              | then Slovene? Good level.  | CS    |
| 6010 | 0800 | BELGIUM          | RTB-Wavre.               | VG s/on in Dutch, full ID after long intsig.                                       | DL    |
| 6020 | 0630 | CUBA             | R.Havana.                | Clear after VOA off. News in EE, music. "Mailbag PO Box 70-26" 0712 Fridays. Good. | BC AC |
| 6025 | 0559 | GREAT BRITAIN    | BBC-Skelton.             | Fair s/on (Bow Bells) but mixed.   | DL    |
| 6065 | 0600 | UNITED STATES    | WYFR.                    | EE to Europe, mixed Swedish Home Prgr.   | AC    |
| 6110 | 1840 | PHILIPPINES      | VOA.                     | EE 'Music Box' prgr, good.   | CS    |
| 6145 | 0815 | UNITED STATES    | WRNO.                    | Good with jazz and talks.  | LR    |
| 6150 | 0726 | COLOMBIA         | La Voz de Huila.         | VG in Spanish. ID & popular Latin music but bad heterodyne QRM.                    | BC    |
| 6155 | 1805 | AUSTRIA          | ORF-Vienna.              | Poor with DX prgr in English.  | CS    |

|   |             |       |
|---|-------------|-------|
| LYA Tripoli. Good with Arabic music.  | LR          |       |
| LY World Music Radio. Pop music.  | LR          |       |
| GIUM ORU-Brussels. EE to Europe 1950-2000, poor.  | BW AC       |       |
| LY R.Time. Good to fair with music & talkback(?)  | LR          |       |
| I. S/on with military band march and ID (FF). Music to 0727.LR AC   |             |       |
| GARIA R.Sofia. EE to N/America: Mailbag Fri; DX prgr Sat; r strength.   |             | CS AG |
| MAN DEM REP. Stimme der DDR. Exc.(500kw)//6115 Suns only.   | JD          |       |
| IET UNION R.Moscow in Russian, very good.   | BW          |       |
| LY RAI. EE to UK at very good level. Anncd wrong fqs.   | JS          |       |
| MAN FED REP. DW. S/on with GG ID, then Czech? poor.   | CS          |       |
| ECE ERT-Athens. S/on flute music, anthem & Gk ID. Good on s new freq.   | BC          |       |
| AT BRITAIN VOA-Wooferton with 'Breakfast Show', good.   | BC          |       |
| IDENTIFIED Hrd 4/1 only: Gypsy music (Hungarian?), broken male anncr "Terminat, terminat, terminat". s/off 0612, d level. Ute?(Ed-not listed in Conf.Fq.List) | BC          |       |
| IET UNION R.Moscow Polish svce s/off, strong //7300, 5950 gd.BC   | BC          |       |
| LAEL Kol Israel. H/S news at 2000.JS. 0554, fair, QRM.  | BW          |       |
| U R.Tacna. Music, frequent fq/checks. Poor, f/out 1110.   | PE          |       |
| ACO TWR. (Not 9500 as listed Dec) EE relig prgr. Good.  | BW CS       |       |
| HERLAND ANTILLES TWR-Bonaire. "Caribbean Night Call". Fair, 9755. JM. Good. BW  | BW          |       |
| OMON ISLANDS. Honiara. Xmas prgr, ID 2057, poor.  | CS          |       |
| TED ARAB EMIRATES Dubai. EE with ID and news, fair.   | JM          |       |
| ICAN. EE with religious prgr. Fair.   | CS          |       |
| TH AFRICA R.RSA. N/American svce poor in EE. Co-channel 1. //11730 fair and 15325 good.   | BC          |       |
| AMBIQUE Em.Nacional. Highlife rhythms & PP ID 0403, ut 0415.  | BC          |       |
| OSLAVIA R.Belgrade. Int-sig & ID 1900 then RR. Poor.  | CS          |       |
| TA. DW. S/off in EE, good level.  | JS          |       |
| N Muscat. Arabic news 1600, fair.   | JM          |       |
| ILAND R.Thailand. Fair but hard to read signal; PSAs.   | AG          |       |
| GARIA R.Sofia. Fair in EE till 2200.  | AC          |       |
| IANA ISLANDS KYOI-Saipan. Exc, later swamped by IBRA(Sines) as "KYOI Super Rock". Hrd thru to 2000.   | BC BW DH JS |       |
| TUGAL IBRA via Sines. Good with EE ID.  | OC          |       |
| ENTINA RAE. Good in EE, severe het after 0450.  | JS          |       |
| H.ANTILLES RN-Bonaire. EE w/'Media Netwk', poor.CS.0730 exc.BW  | BW          |       |
| ADOR HCJB. EE prgr, excellent strength.   | BW          |       |
| TUGAL R.Portugal in EE with repts on local elections, good.   | CS          |       |
| CHOSLOVAKIA R.Prague. S/on in SS, ID. Fair.   | CS          |       |
| ADA RCI. EE DX prgr. and ID 0428, good.   | CS          |       |
| IN SFR. Very good in EE, news 2035, fair.   | JS CS       |       |
| H.ANTILLES RN-Happy Station. Sundays, excellent.  | BW          |       |
| EA R.Korea-Kimje. Good in EE.   | JS          |       |
| DI ARABIA Riyadh. Arabic music, fair-poor.  | JM          |       |
| NA R.Beijing. General Svce in EE, very good.  | BW          |       |
| LAEL Kol Israel. Good with EE news.   | AG          |       |
| GIUM ORU. Dutch Svce. QRM both side-channels. Fair.   | BW          |       |
| CALEDONIA Noumea. (tent.) music & FF anncmts. Poor.   | CS          |       |
| GARIA R.Sofia. S/off EE; s/on FF 0500, fair.  | JS          |       |
| TED ARAB EMIRATES Dubai. EE svce at excellent level.  | BW          |       |
| IA AIR. 'DXers Corner', Mons, good //15110 & 9912, but have modulation problems.  | BC          |       |

|       |      |  |             |
|-------|------|--|-------------|
| 11760 | 0420 | CUBA R.Havana. VG in EE prgr on 'Historic monuments of H.'   | BC          |
| 11765 | 0140 | GERMAN FED REP. DW. GG prgr: int-sig & ID 0145, poor.  | CS          |
| 11785 | 0330 | BRAZIL R.Guaiba. Heard after DW closes. Guaiba s/off 0405.   | AC          |
| 11790 | 2350 | UNITED STATES AFRTS-Bethany. Sports news, poor.  | CS          |
| 11805 | 0204 | BRAZIL R.Globo. Mainly talk in PP, numerous ID & promos, s/off 0334.   | BC          |
| 11815 | 2225 | LIBYA Tripoli. EE svce: readings from Green Book, fair.  | JM          |
| 11855 | 0730 | CZECHOSLOVAKIA R.Prague. VG in EE to Pacific. JS. Poor 0850.   | CS          |
| 11855 | 1835 | SAUDI ARABIA Riyadh. EE prgr in clear 1835-1900 only.  | CS          |
| 11870 | 0600 | NORWAY Oslo. Fair in Norwegian.  | LR          |
| 11900 | 0900 | MARIANA ISLANDS KYOI-Saipan. Now s/on exc.signal, although observed testing at other times from 17/12. PE JS DL BC LR AC               | BW          |
| 11925 | 2100 | UNITED STATES WYFR. EE relig prgr, QRM, poor.  | BW          |
| 11930 | 1346 | HOLLAND RN-Lopik. Fair in EE to Europe.  | AG          |
| 11938 | 1200 | KAMPUCHEA VOPK. EE heard nightly, poor-fair.   | CS          |
| 12070 | 1200 | MONGOLIA R.Ulan Bator. Regular good signals in EE. Mailbag Sat.  | DH          |
| 13725 | 0450 | ISRAEL Kol Israel. Good in Hebrew.   | JS          |
| 15105 | 1610 | PORTUGAL R.Portugal. Fair but difficult copy, EE news.   | AG          |
| 15110 | 1510 | VATICAN. Good in English.  | AG          |
| 15125 | 1335 | TURKEY VoTurkey. Fair with EE news to Asia.  | AG          |
| 15130 | 1931 | UNITED STATES WYFR. GG religious prgr and QRM, fair.   | BW          |
| 15145 | 2304 | UNITED STATES WINB. EE religious prgr, very good.  | BW          |
| 15155 | 0300 | ECUADOR HCJB. EE relig prgr, s/off 0600, good.   | BW JS       |
| 15170 | 1818 | GERMAN DEM REP. RBI.General Svce, poor with QRM.   | BW          |
| 15185 | 2200 | PHILIPPINES VOA. 'Breakfast Show' s/on. //15290, good.   | CS          |
| 15185 | 2129 | UNITED STATES WINB. EE relig prgr, side-channel QRM, good.   | BW          |
| 15185 | 1800 | SOUTH AFRICA R.RSA. German svce fair, ex-15155.  | JM          |
| 15190 | 0500 | MARIANA ISLANDS KYOI-Saipan. First heard 17/12, now regular LR AC with exc signal and rock music until s/off 0900.JS JD BW JM DL BC NS | BC          |
| 15190 | 0203 | BRAZIL R.Inconfidencia. Full ID & freqs. Good with easy music prgr to s/off 0302.  | BC          |
| 15190 | 2330 | CANADA RCI. S/off PP to Brazil; then Spanish, good.  | JS          |
| 15195 | 0945 | CHINA R.Beijing. EE news & commentary, good.   | CS          |
| 15205 | 0400 | ANTIGUA VOA. EE popular music to Latin Am 0200-0400.   | AC          |
| 15240 | 1550 | YUGOSLAVIA R.Belgrade. Fair in English.  | AG          |
| 15260 | 0000 | ASCENSION ISLAND BBC. EE ID and news, poor.  | CS          |
| 15273 | 0250 | URUGUAY SODRE. Pop music prgr, SS anncmts 0257, anthem and off, poor level.  | BC          |
| 15295 | 0950 | MALAYSIA Kuala Lumpur. ID 0957, good.  | CS          |
| 15295 | 1500 | AUSTRIA ORF-Vienna. Good in EE 'Report from Austria' //11855,poorAG  | AG          |
| 15300 | 1602 | FRANCE RFI-Paris. 'Paris Calling Africa' in EE, fair.  | AG          |
| 15305 | 2240 | SWITZERLAND SRI-Berne. News & cmt in PP, fair.   | CS          |
| 15345 | 2240 | UNITED STATES AFRTS-Bethany. EE, fair.   | BW          |
| 15350 | 0830 | GUAM KTWR-Agana. Good with hymns & Bible rdgs.   | LR          |
| 15355 | 2130 | UNITED STATES WRNO. Gospel prgr closes 2200.(Not KGEI as Dec)  | AC BC       |
| 15395 | 0157 | AUSTRALIA RA. Test cricket in EE, poor.  | CS          |
| 15405 | 2200 | MARIANA ISLANDS KYOI-Saipan. Sched 2200-0300. Replaces 15415 used during testing from 17/12. Good signal.                              | AC BW DL BC |
| 15415 | 0200 | BRAZIL R.Clube. irregularly here, sports or promos. Very good 25/12 to s/off 0404.   | BC          |
| 15430 | 0757 | PHILIPPINES VOA-Tinang. Good with int-sig and s/on anncmts in EE, 0800 anncd prgr in RR, then jammer came on and signal obliterated.   | DL          |
| 15440 | 0645 | UNITED STATES WYFR. Relig.prgr in EE, excellent.   | BW          |
| 15445 | 0131 | BRAZIL R.Nac.da Amazonica. Full ID & freqs in PP, good // 11780, also good.  | BC          |
| 15450 | 0645 | GERMAN DEM REP. RBI. SE Asian svce in EE, poor, heavy QRM.   | BW          |
| 15535 | 1900 | SPAIN SFR. To Europe in Spanish.   | AC          |

ITED STATES VOA-Greenville. Xmas prgr, good. CS  
 C.UNKNOWN. VOA. Good in English. TX location? JS  
 VAIT EE svce at fair strength. JM  
 RAEL Kol Israel. Fair in EE //15605, good. AG  
 RAEL Kol Israel. Fair in EE to N/America. JS  
 PH.ANTILLES RN-Bonaire. EE DX prgr 'Media Network', poor. CS  
 VADA RCI. Strong in French. JS  
 RMAN FED REP. DW. Easylistening music, GG prgr. ID 0922 fair.CS  
 RTUGAL R.Portugal. EE, good initially then fade to 1830.QRM.BW  
 LGIUM BRT-Brussels. Fair in EE 'Brussels Calling' //21810gd.AG  
 ITED STATES VOA-Delano. EE, ID, poor. CS  
 RMAN DEM REP. RBI. SE Asian svce, EE, good. BW  
 KISTAN R.Pakistan w/cmtry on Pakistan v.India cricket test BC  
 EE, good. JS  
 VIET UNION R.Moscow W/S in English, good. JS  
 CENSION ISLAND VOA. Hrd with fair sig s/on in PP, on rare DL  
 asion when ORF Austria on late (1003).  
 STRIA ORF-Vienna. : 'Postbox 700' Mon; 'Panorama' wkdays. DL  
 ry good signal, EE 1030-1055. OC  
 ILIPPINES FEBC-Manila. Xmas religious requests, ID 0000,good.CS  
 ITZERLAND SRI-Berne. EE news, good. CS  
 RMAN DEM REP. RBI. EE DX prgr fortnightly (7/1), VG.OC.0715exc.BW  
 ITED STATES AFRTS-Delano. EE prgr, excellent. BW  
 KISTAN R.Pakistan. Urdu, slow news in EE 0230, good. JS  
 EDEN Stockholm. Int-sig, ID at 1100, news. Good. CS  
 STRIA ORF-Vienna. EE to N/America, fair, QRM Moscow. AG  
 RMAN FED REP. DW. EE 'DX Corner', mthly (18/12).Very good. OC  
 ANCE RFI. French sports and music, ID 0858, fair. CS  
 ITZERLAND SRI-Berne. Very good, EE 'Grapevine' prgr Sats. OC  
 EAT BRITAIN BBC. EE news, good. CS  
 STRALIA RA. Poor to Asia w/cricket Dec/Jan.//15395 better. BC  
 C.UNKNOWN R.Liberty. ID 0900 'R.Svobodna', poor. CS  
 ANCE RFI. Noted in FF 16/12 //25900. Poor. CS  
 RWAY. Heard opening in Norwegian, first noted 1/1/83, LR AC  
 places 25730. Exc.signal.

s, Wellington. OC Owen Cullen, Hikurangi.  
 s, Palmerston North. CS Cecil Symmes, Wellington.  
 en, Invercargill. LR Lindsay Robinson, Invercargill.  
 erg, Wellington. JM John Mainland, Wellington.  
 , Auckland. BW Brian Webb, Upper Hutt.  
 r, Greymouth. JD John Durham, Hamilton.  
 , Haumoana. NS Norris Sturgess, Rotorua.

ortwave Mailbag contributions were received late:  
 r, Invercargill: Verdes from Greece 9865; Dubai 15300. Interested to  
 on your multi-band dipole, Noel.  
 yne Island QLD: No logs but plenty of thunder & QSLs -  
 955; SRI 25780; Vatican 11830, 15120; Korea 15575; DW Antigua  
 , 17725, 17735, 21525; RLiberty 11885, 11970, 15290, 15370, 15380,  
 760, 21510; VOA Tangier 11845; VOA G'ville 9530, 6080, 26040;  
 125, 15185; Bethany 6125, 15175, 26000; ICRC Geneva 15305, 21520,  
 gan (via Sines) 11845.  
 Rotorua: Thr for Bandwatch contribs, but too late - varies in  
 35 and Dubai 11755. (8)

#### SPECIAL MESSAGE FROM THE CHIEF EDITOR

Since late 1981, the DX Times has undergone some major changes with content and presentation of information and articles. However, the general content has stayed much the same and existing sections have been maintained, usually in expanded form. From time to time I have commented that once the magazine was in a stable position financially and enjoyed good member support, more changes would be considered. Within the next few months, the magazine will be completely restructured to bring you what we believe will be the best service to DXers in this part of the world.

Not all the changes will take place at the same time, rather they will be phased in over a period of months. The new structure will center around a basic information core each month - this will be details about the League, activities, and services available to members, together with basic details on how to obtain more enjoyment out of the DX hobby. Fitted around this core will be more general articles of interest, such as those which feature in this issue. Then there will be sections dealing with latest station news and program information, loggings, reception and verifications on shortwave, mediumwave, TV/FM and Utilities. There will be special sections for member participation such as competitions, branch activities, and comment on items of interest. There will be details about activities in other DX clubs around the world, and information about products on the market which will help you get more out of your DX hobby.

#### EDITORIAL ASSISTANCE NEEDED

To introduce this new look DX Times, we must rely entirely on your continued support, and involve more members in the actual production of the various sections. If you wish to be part of the Times Team, please write to me in the next few weeks. Please briefly set out your main areas of interest and expertise and availability to assist. You should have access to a typewriter and spare time of a few hours once a month. The positions are voluntary, and we reimburse cost of materials and postage only. If you have always wanted to assist the NZDXL in some way, or have had your own ideas about how some aspects of the DX Times should be handled, then this is your chance to join the editorial team. Any member with access to a home computer and printer is particularly invited to join the team, as it may be possible to come to some sort of arrangement for use of this equipment to speed up some aspects of DX Times production.

Some members of the existing editorial team have been with us for a long time, and new members of the team can expect to take over some of these sections which are already popular and well supported by members. This will give some of the older section editors an opportunity - if they so wish - to take a well earned break for a while.

Some of the new areas where we need your assistance include: Technical: someone who can prepare a regular monthly series on technical tips, answering inquiries, and prepare several major projects each year for members to work on; Branch Activities: someone to be responsible each month for reporting on what is happening around the branches, co-ordinating details from each, encouraging branch activity including helping establish new branches; Program Profile: someone to prepare a monthly section on interesting shortwave programs and personalities, using program guides, with the emphasis on listening for enjoyment rather than collecting QSLs; Musings: here we need someone to organise and encourage a new section where members can write in and chat about the hobby, about DXing and about themselves. A lively debate is to be encouraged in this forum; Utilities: this will be a major responsibility, and we need someone to handle this section with emphasis on what utility DX is all about as well as encouraging regular reporting on DX. It is intended there will be no lists of stations, no CB and no amateur radio content.

There are other sections as well where you can form part of the team: Competitions: someone to take over the Continents listing and encourage greater member participation as well as update appearance to 3 or 4 times annually instead of sixmonthly; Short wave: experienced DXers are invited to assist with both Bandwatch and a new section dealing with latest information about more exotic DX - new stations, facilities, and new stations reported by DXers worldwide. These are important positions.

I look forward to hearing from you over the next few weeks. The sooner we have you on board the team, the sooner we can get the new look DX Times hot off the press and into your hands. Thank you for your help, it is welcomed, and I know we just could not produce such a great magazine without your support. The New Zealand DX Times is number one in the Pacific - and growing better all the time; thanks to you! (9)

# Radio Country?!

SUBSECRETARIA DE ESTADO DE COMUNICACIONES  
LRA 36 Radio Nacional "ARCANGEL SAN GABRIEL"

CERTIFICADO CONFIRMADO RECUBA

Tengo el agrado de dirigirme a Ud. haciendo referencia a su estado de fechas 25, 26, 27, 28 y 31 de diciembre de 1981, en el cual concidn practicados sobre LRA 36 Radio Nacional "ARCANGEL SAN GABRIEL".  
Sobre el particular, lleve a su conocimiento que los datos aludidos, ya que concuerdan con los archivos de programación de esta

Agradeciendo su fina atención y el envío de su interesante descripción de actividades, hago propicia la oportunidad para reiterarle las expresiones de más distinguida y le envío un fuerte abrazo desde este lejano territorio.

BAHIA ESPERANZA (ANTARTIDA ARGENTINA), 30 de junio de 1982.

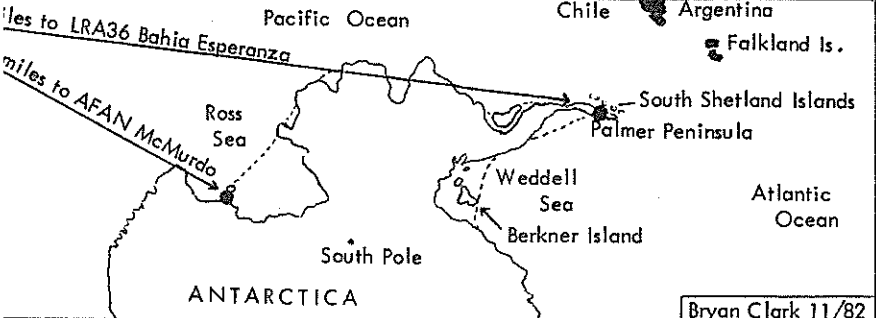
*Jose Bilbao Richter*  
JOSE BILOAO RICHTER  
INGENIERO EN ELECTRICIDAD  
COMANDO EN JEFE FUERZAS ARMADAS  
ANTARTICAS ARGENTINAS

Since late 1979, keen DXers have sought to hear a 'coldly exotic' new shortwave broadcaster - LRA36, Radio Nacional Arcangel San Gabriel, transmitting from Bahia Esperanza (Hope Bay) on the northern tip of the Palmer Peninsula in Antarctica. The peninsula, also known as Palmer Land, is the thin finger of land protruding northwards from the continent towards South America. Esperanza Base is operated by the Argentinian Army, and has geographic coordinates of 64.24S, 57.00W. (Those published in the 1982 WRTVH would place LRA36 on an iceflow in the Weddell Sea!)

Regular transmissions from LRA36 began on 21 October 1979, on 6029 kHz with 1.2kw. DX reports were forthcoming from North America and Europe, despite AFRTS using 6030kHz at various times of the year.

Yet cabinet documents released in London tell of an incident in 1952 when the British sent a frigate to enforce sovereignty over Hope Bay, then a dependency of the Falkland Islands. The show of strength followed an incident in which Argentine troops fired over the heads of British scientists unloading supplies at Hope Bay. Tempers eventually cooled and the Argentines apologised.

In 1980 plans were announced for 2 of 1.5kw, and these became a reality in March 1981, when an Argentinian DXer heard it in parallel to 49 metres. With the transmission time around the middle of the NZ day, it has always been the most likely for reception here, and positive identification was December 1981 between 2300 and 0105 GMT sign-off. Since mid-1982, the frequency is 15474kHz, and this channel was observed during late October till 0030 GMT closing. signal peak above poor level, although very good signals into North America have in that the power is more like 10kw than the 'official' 1.2-1.5kw.  
L letter, LRA36 is operating from the 'Argentinian Antarctic Territory' on behalf of the ry of Communications. An overprint logo/map commemorates 30 years of presence in rgentinian Army (1951-1981) and pinpoints 6 other bases besides Esperanza, located on and around Berkner Island. Presumably these are the target for LRA36's broadcasts, nish (though the 11/82 FRENDX reports that English and Italian identifications are used). shortwave stations operating from the Antarctic Continent that have been heard and ver-embers. Until now the continent has been treated as one large 'country' for DX purposes ries List, but there does seem reasonable justification for it's division into , say, 4 pending any future political division of the continent. We already divide Indonesia into e USSR in 16! I know I have a vested interest, but wonder if there is any argument why 'ctic Territory' cannot be considered a new radio country for the DXer?



Bryan Clark 11/82

# Argentine radio on ice

UCKLAND, (PA). — An Auckland long-distance radio listener, Mr Bryan Clark has monitored an Argentine radio station in British Antarctic territory. Mr Clark has just received an official-looking document confirming he is a listener of Radio LRA 36 Bahia Esperanza (Hope Bay). It is signed by Lieut. Colonel Bilbao Richter, Government delegate for the Argentine National Territory of Tierra del Fuego, Argentine Antarctica and the islands of the South Atlantic. Yet cabinet documents released in London tell of an incident in 1952 when the British sent a frigate to enforce sovereignty over Hope Bay, then a dependency of the Falkland Islands. The show of strength followed an incident in which Argentine troops fired over the heads of British scientists unloading supplies at Hope Bay. Tempers eventually cooled and the Argentines apologised.

The Hope Bay area became part of a separate British Antarctic Territory. Mr Clark's letter also included a printed map showing seven Argentine bases in this territory (the Palmer Peninsula) — and not a sign of the British. Mr Clark is believed to be the only person in New Zealand or Australia to receive a certificate from Radio LRA 36. His sophisticated equipment first picked up the station early last year before the Falklands conflict during which he also monitored the Part Stanley radio. He again tuned into Radio LRA 36 in October and, as is the custom, wrote to the authorities in Buenos Aires requesting a listener certificate. It came fairly promptly, under Lieut. Colonel Richter's signature. Mr Clarke said Radio LRA sounded very professional considering it was based deep in the Antarctic. "It plays a lot of music, Latin American, and the

National media attention was attracted early in January by reports of an Argentinian shortwave station on air in what is known as the British Antarctic Territory as these items from the Star (Christchurch) indicate. Argentina is not the only country operating from a part of Antarctica that is claimed by another nation. The United States has several stations at McMurdo Base, located in Ross Dependency which is claimed by New Zealand. AFAN (American Forces Antarctic Network) has a shortwave and several FM outlets, and forms part of the Armed Forces Radio and Television Service based in Washington DC. As such, it is designed to keep US military personnel and their dependents, overseas, informed on current events and news. Civilian personnel involved in Operation Deep Freeze are supported by US military forces, and AFAN is on air 24 hours a day with local programs and relays from transmitters at Greenville NC and Bethany OH.

## Unconcerned

Meanwhile, NZPA reports from London that Mr Clark is right — and the British are not worried. The Argentines and the British both have stations there, although the British one is not manned. "It doesn't surprise me that a New Zealand listener has picked up Radio Bahia Esperanza," Dr Ray Adie, deputy-director of the British Antarctic survey in Cambridge said. Bahia Esperanza is what the Argentines call Hope Bay where the British established a base in 1945. It was burned down in 1948, when two men lost their lives, and rebuilt in 1952 in a different place. The Argentine base is about half a mile from ours," said Dr Adie, who spent 1947 at Hope Bay. There was nobody at the British station at the moment but it was used from time to time, last summer for instance. Apart from Argentine bases in what Britain calls British Antarctic territory, there are four British and, six Chilean bases as well as Polish, Russian and United States outposts. Britain, Argentina and Chile had claims to the territory before the Antarctic Treaty was signed in 1959. But they have been frozen for thirty years under the treaty. Britain does not show any boundaries on its maps of the Antarctic, although some other countries, including Argentina, do. "We don't put political boundaries in maps because of the spirit of the Antarctic treaty," Dr Adie said.

# Antarctic radio on air 30 years

The latest issue of an Argentinian scientific report on Antarctica has thrown new light on the world's southernmost broadcasting radio station. National attention was drawn to the little known radio station in Hope Bay, near the tip of the Antarctic Peninsula, by Auckland Mr Bryan Clark. The station is in the old British Antarctic Territory although now the Americans, Russians, Poles, British, Chileans and Argentinians have established bases on the peninsula. Mr Clark received confirmation that he had been listening to Radio LRA 36 Bahia Esperanza in a letter from the Argentinian Government recently. The appendix to the scientific bulletin from the Argentinians to the Scientific Committee on Antarctic Research said it was a broadcasting station that had been transmitting from the base since December 17, 1952. Its 25 buildings are permanently staffed with 24 men, 12 women and 16 children. An additional 29 people arrived there for the summer. International news services focused on the small base in 1978 when the wife of the base commander gave birth to a child — the first baby born in Antarctica. The name of the radio station is Archangel San Gabriel. Ham radio operators are fairly commonplace in Antarctica and in the bigger bases radio shows are provided for entertainment on the same basis as closed circuit television.

International attention is increasingly being drawn to the Antarctic continent, the most notable event being in April 1982 when Argentina used armed force to occupy the Falkland Islands and Dependencies. The Antarctic Treaty of 1959 literally "puts on ice" all territorial claims on the continent, but this will run out in 1989. Nations with claims are moving to protect their interests, and those without prior claims are expected to increase moves in the United Nations and other agencies to get a part of the action. Antarctica not only has scientific value, but potentially valuable energy, mineral and food resources. It also has value for communications and military purposes. The 19th Century "carve-up" of Africa and the troubles that have faced that continent ever since are a warning of what could happen after 1989 unless some sort of international agreement is reached. In the meantime, DXers can expect to hear additional stations broadcasting from the Antarctic area during this decade. Argentine and the United States are only the first of several other nations which may operate such stations to inform the world of their presence in Antarctica, and clearly indicate their strong intention to remain there. David Riccuish

## chinese radio



Mary Jean Parson has been vice president and director of administration for Blair Representative Division, New York, since 1980. She has been in broadcasting since 1965, holding a number of positions with ABC, including director of planning, ABC corporate relations. She is a member of the International Radio and Television Society and American Women in Radio and Television.

Three radio channels are for literature, art and music; two are for recorded and "occasional" programming including foreign languages (English, Japanese, French and German) and an FM is for music. The total broadcast day is a cumulative 77 hours. The English educational materials come from the BBC.

The newest and most interesting experiment in the provinces is in advertising. They are selling 30's and 60's to promote products and stores; and the stations negotiate directly with the businesses. Spots are played at the end of programs instead of interrupting programs, and the provincial directors express restrained enthusiasm for this as a new source of funds. We were not really surprised at this new phenomenon as there are more commercial billboards in the cities now than there are political propaganda posters.

The majority of visitors to China are there to do business. The inevitable question is: What are the opportunities for U.S. companies in broadcast communications? The likeliest opportunity near-term is in equipment sales; as we witnessed in Shanghai, the control rooms contained equipment from Switzerland, West Germany, the U.S. and Japan. As more exotic technology becomes attractive to the Central Broadcasting hierarchy, American manufacturers will undoubtedly compete more for equipment sales.

Another area is production and technical consulting. As the Chinese broadcast audience expands, demands for enhanced production values and techniques will inevitably grow. It must be said, however, that the Chinese do an efficient, straightforward production job, far in excess of the perceived technical ability to do so. They depend on ingenuity and creativity, not machinery.

If advertising grows, so will the opportunity for American companies co-manufacturing in China. But my instinct says it will be a number of years before the Chinese will advertise foreign goods over domestic ones.

Ideas know no national boundaries, as broadcasters know so well. And the young, many of them now English-speaking, are being exposed to Western ideas, Western music and Western reports of world events, through the Voice of America, BBC, through tourists and through other sources.

Maybe, just maybe, broadcasters and broadcast technology can be at the right place at the right time in this massive experiment in human destiny, where the nourishment of the human body (a billion of them) can become the nourishment of the human spirit.

Let's keep these two-way exchanges going, and keep an open mind.

(12)

## tis

In recent years, travellers and tourists in many parts of the United States have been able to hear special messages relating to road conditions and national park information from small, low powered Travelers Information Stations (TIS). These have been licensed to many users, such as the National Park Service, and operate on 550 and 1610 khz with small 10 watt transmitters. DXers in the US and Canada have turned attention to these stations and have begun verifying them.

New Zealand is probably the first country outside of North America to introduce the TIS system, and the DX Times is grateful to the Department of Lands and Survey for the following details about the TIS service to be established at Tongariro National Park.

Some two years ago, submissions were first made to establish a TIS service at the Park, and a lot of work has been necessary to have the concept accepted by both the New Zealand Post Office and the New Zealand Broadcasting Tribunal. In its submissions on the draft National Parks Authority General Policy in 1982, the Department of Tourist and Publicity also recommended that a TIS network be established throughout the National Parks system in New Zealand. Approval from the Department of Lands and Survey was also granted recently, and it is expected that the Tongariro station will be evaluated for suitability for other areas within the Parks and Reserves network.

The transmitter and other parts are expected to arrive from the United States shortly, the essential unit being a Racom 1600 Solid State Voice Storage Unit. The aerial system has been designed and specified by the BCNZ and will be installed within the next few weeks by Kingsley Engineering of Bunnythorpe. The transmitter will be located at Park Headquarters, Whakapapa Village and will have a power of 10 watts. Coverage is expected to be within a 5 mile radius of the Park HQ.

The Racom Unit can be programmed with messages varying in length between 5 seconds and 1 hour. At this stage it is uncertain whether there would be a 24 hour operation. During some parts of the winter it may operate 24 hours daily, but low periods of Park use in the late Spring and Autumn will need to be assessed as experience is gained with the system. During the winter, the area is center for a major ski and vacation resort, and the service will be able to assist the large number of skiers and other visitors to the Park at that time.

There are reservations about the use of the frequency of 522 khz, which lies in the standard Broadcast Band. Initially, the Post Office was unhappy even with this frequency, and attempts to gain a frequency higher up the dial met with no success. It is expected that receivers can be modified to receive this low frequency. However, once the station has been on air and coverage is found to be lower than expected, it is likely that a higher frequency will be sought.

It is expected that tests will be carried out soon, and the Tongariro TIS should be ready to go on air right at the start of the 1983 winter season. The address for reception reports is Chief Ranger, Tongariro National Park, Park Headquarters, Mt Ruapehu. It will be interesting to see how far the 10 watt signal gets on this clear frequency of 522 khz. Of course, members who are also frequent visitors to Whakapapa during the ski season should let the Chief Ranger know about how useful they found the service during the visit.

Assistance of Bruce Jefferies, Chief Ranger, Tongariro National Park and Dave Mc Kerchar, Director of National Parks, Department of Lands and Survey, Wellington is acknowledged with thanks for the information contained in this article. David Ricquish

(13)



### Tongariro

TONGARIRO NATIONAL PARK (70 098 hectares) It includes three mountains Ruapehu (2 796 m), the highest in the North Island an active volcano, Ngauruhoe (2 290 m), a constantly active volcano, and Tongariro (1 986 m), mildly active

**Mount Ruapehu** (2796m) situated in the Tongariro National Park, midway between Auckland and Wellington is one of New Zealand's oldest established ski areas on a beautiful volcanic mountain. The mountain possesses the greatest range of facilities in the country and offers international style skiing. Snow conditions can vary. The huge demand on this area makes prior booking essential.

Lift facilities include 3 chairlifts, 2 T bars, 4 Poma lifts many rope tows capable of handling up to 11,000 skiers per hour

## the idcasts

h of a great experimented the greatest of the 20th century, we experiment going than a propaganda

al feeling I gathered 15-person, broadcast 1 May, sponsored by Radio and Television, international and senior corresponding in Washington. visited, we had ex- briefings with the oadcasting and the travel and govern- erse an unusual ex- se hosts as the first women to be official a, and we were the ers to visit there. We executive positions, ions was broad and formation was in-

vision and Radio in central broadcast I is called "Peking Broadcasting" (TV). ducted by Jin Chow, y.

microwave channel one for Beijing only. use the European TV plans to launch a erage of the country n eight-hour broad- ns of programing: mprensive." The ng is basic lecture oard instruction on English to algebra. the Chinese educa- D are enrolled in the y sit in class, watch ce tests and get their It has helped make erate, an enviable

ve" programing is a and features (com- operas and plays). I sitting in on a live e of one act each eme" and "Rigolet- students of the y of Music and con- lberbert Adler of the

's Radio has live ser- ion (home program ina), one for the Taiwan

YOU WANTED TO KNOW FROM A TO Z ABOUT DXPEDITIONS .

armclock. Always take one. Never rely on someone else to wake u, they are probably sound asleep too.  
 dtine. Something a keen DXer has never heard of.  
 mpanion - preferably a DXer. Company makes a DXpedition far re enjoyable.

. That is what you are after.

rs. Every DXer is distinguished by two large ears. Earphones e needed to keep them in place.

od. Necessary; but if DX is good one tends to forget about it. mboots. Often forgotten but usually needed when putting out at Beverage antenna.

pe. The hope that the noise level is low and the DX is good. ea. You must have some idea what you are going to listen for. ways make out a ' wanted ' list.

y. The joy of getting home, tired and ready for a hot bath and good nights sleep.

nowledge. The knowledge that the DXpedition may produce very ttle DX and that you are prepared to try again another time.

ngwire. A DXpedition is probably the only opportunity most of will have of putting up a true long wire.

chsticks needed to keep ones eyes open at 3 am in the morning. ise. Something we hopefully left behind at our home QTH.

portunity. The opportunity to observe how others DX.

eparation. Essential for a successful DXpedition. Too late en on site to realise you have forgotten something.

H. Give serious consideration to the DX location selected. It is visable to check it out before hand.

in. Something you can do without.

amina, a definite requirement for those all night sessions.

ees. Very handy to have a few trees strategically placed around to hang aersials from.

heard. Those many stations on your wanted list that remain heard even though conditions were good.

riable conditions. If conditions are poor one night, it does t mean they will be poor the following nights.

fe. Someone you have to pacify before you leave to go on e DXpedition.

njiang, one of the many exotic stations you hope to hear.

rns and the time spent yarning with fellow DXers.

o where all DXers should be locked up.

ICA SCHEDULES

Brian Strong, who works formation Service, is ating the VOA mailing would like to receive am and Frequency Sched- lar basis, let him have address by the end of he latest. He would also to know from those who programs, what time and d most convenient plus ments they care to pass ian Strong, Public Aff- st, American Embassy, Wellington.

OTHER SCHEDULES

If you are interested in receiving regular program and frequency schedules from the major shortwave broadcasters, please send your name/address plus a list of the stations concerned to the DX Times. Several stations have approached us asking to have their schedules bulk delivered to the DX Times and then mailed out with magazines to reduce their postage costs. We are look- ing into this idea, which we think would be a useful service to members, but need to know whether you would find this help- ful, and which stations you want to get the schedules from. We will let you know the result in a few months. Write today. (14)

## hurricane hawaiian—style



Aloha from the Islands of Hawaii

by Alan L Roycroft

President, Broadcast Services Inc, Honolulu

Although we had three days warning of a hurricane coming towards the Hawaiian chain, few people gave it much credence since it is 23 years since we had a genuine article. Too many warnings that develop- ed into a week of typical Hawaiian balmy weather over the years probably had more people packing picnic hampers than topping up car tanks and stash- ing flashlights and canned food. However, by Monday afternoon it was evident that there were mysterious changes to the usual sunny skies. Ominous cloud formations drifted towards the islands and the wind turned towards the east and began gusting to 25mph.

By 3pm, radio station managers began calling in to be reassured that we were doing all that was possible to guard against outages if a storm was determined to visit Hawaii. We really had done all we could some years back by writing stern letters on the fact that on- ly six of all the AM-FM and TV stations in the State possessed generators. This effort was followed up by memos and discussions in managers' offices without any real commitments be- ing made. KGU is the key Civil Defense and Emergency Broadcast Service station to the State so we concentrated on testing out VHF links from the CD studios inside a tunnel in Diamond Head, running the transmitter generator (circa 1950) and setting up a gasoline generator at the studio, although KGU has a fall-out shelter studio at the transmitter. This latter facility could not accomodate the many people needed to collect, edit and correlate all the thousands of messages that did ultimately come through. This brought us to 6pm Monday November 24th 1982, with gusting winds to 40mph.

For too many years the Hawaiian Electric Company have used 136KV primary lines strung along mountain ranges between generating plants and sub-stations. As soon as winds gust above 30 mph, the lines swing together with a display of fireworks, trip breakers and then return to service, depending on other circuits to maintain the load throughout. By 9pm, with gusts to 80mph every primary line was swinging, so between brownouts, blackouts and spikey peaks that blew solid state components, the Hawaiian Electric Company gave up trying to maintain service to most areas. The tall hotel highrises in Waikiki were flashing on and off like giant signs, people, stupid enough to get into the elevators, had an exciting time. We lost all transmitters through power outages except KGU where things went from bad to nothing. The old generator decided to quit because of oil pump problems, so for a while we lost everything until by sheer bad language and ingenuity, the generator ran again and KGU ful- filled its purpose. Such transmitters as KPOI's that consist of more solid state circuitry than common sense demands, suffered the worst - every diode and 98% of all transistors and ICs were shorted, blown components totaled over 120 items. This was caused by the large, short term spikes created in the power service lines. The Electro Magnetic Pulse generated by the detonation of nuclear devices create the same problems, and this is why at KGU we have a full installation of tube type VHF receivers, console and transmitter ready for a potential nuclear attack.

As much as Oahu suffered from 5pm to 3am the next day, the island of Kauai bore the brunt of the hurricane. Both KIPO (formerly KIWM) and KUAI lost their towers around 5:20pm. KIPO managed one of the last telephone calls to me, and I suggested that they throw a piece of electrical cable over the studio roof and connect it to the end of the coax cable in the tuninghouse of the tower installation. I arrived at the island early the following morning. There were no telephones, electrical power or passable roads. By Murphy's Law, any utility pole that blew over (and there were and are, thousands), every one fell across the roadway,



nto canefields, so trucks had to drive into the canefields to make hat cars could follow.

feet left of the self supporting tower at KIPO so by "borrowing" poles, r off the blocked road outside the station, we managed to put up 3 g wires and top load what was left of the tower after cutting the bent section away. By properly matching this array with my trusty little w on the air with signals into some outer areas that were stronger than s in use. Everyone with a message had to get to the station and they ood and drinks. Finally, the telephone company rigged a phone to the CD e the VHF link for KIPO terminates in a "bomb shelter" in the center of mile from the studio and transmitter. An installation that can be cred- el Blimp attitudes of the Federally sponsored EBS program. We put over ements and received some wild food items, so much so that I came down three days.

e process of applying for 570 khz for KIPO with a new 400 ft tower for just such a community disaster in mind so that we could reach anyone in ad. K59 in Honolulu saw fit to deny our application, claiming interfer- transmissions in Honolulu some 110 miles away. It is most likely that le to proceed with new construction immediately.

t that in any domestic crisis, such as storms and major catastrophes, medium that helps the population more, nor one that can give as much to morale than radio. I guess most everyone has seen the TV coverage of age on both Oahu and Kauai, but few imagine the lasting damage to resi- ind that only close feelings towards their neighbors can ease. Radio was

with Guest Editor DAVID RICQUISH, sitting in with the headphones on for Paul Rardon who is on vacation in Australia this month. FM radio news from New Zealand increases with each month, this past month having seen 3 stations on air all in the North Island, details on the program intentions of the 2 commercial outlets in Auckland. FM DX has been disappointing perhaps, but Tasmanian stations were heard in both Wellington and Christchurch on Christmas Eve with excellent signals.

for inclusion last month, was news of a shortterm warrant issued to the ty FM Radio Society Inc for programs providing a local entertainment assist in fundraising activities of the Paeroa Community Chest Appeal. The watts erp on 92.75 MHz from 18-26 December 1982. Address: c/o P O Box 19, sing Tribunal). Now, into the Mailbag:

land has heard Radio Fiji with excellent signal at ow talk about Goethe. The 3. TVDX more active, with pensland audio (51.7496 MHz) (46.2500 MHz) fair 1 20/12. ABDN-2 Grafton- (69.7596 MHz) noted 0710 show, regional nx/wx 0755, 0000 on 31/12. One verie al Broadcasting Service,

bourne has heard ABNT-3 ia audio (91.6996 MHz) 12 with strong signal in- ris Santa Caper, and Some 'Em at 0025. Logged. Also, on on 93.3 MHz at 0815 on signal of Xmas Carols.

Paul also heard ZHFC Hobart, Tasmania on 107.3 MHz with weak signals of carols and light music at the same time on 24/12. A good Tasmanian opening that night indeed.

David Ricquish, Wellington also heard ABNT-3 Launceston audio (91.6996 MHz) from 0810 on 24/12 with regional news and weather, then Rolf Harris Santa Caper with excellent signal past 0630. Also noted ZARC-FM on 93.3 MHz with Christmas music same evening, from Christchurch DX location.

Brian Webb Upper Hutt writes to tell us that ZARC-FM on 89.2 MHz was heard clearly in Wanganui, Marton and right down the Golden Coast into the outskirts of Wellington with popular programs.

VLPNI Norfolk Island now simulcasts on both AM-1560 and FM-93.4 at least for Breakfast Show. (DR)

More details are now being made available about the 2 new FM stations in Auckland. This clipping is from the NZ Herald of 13/1 and outlines programs and policies of both Stereo FM and Metropolitan FM Broadcasting Limited. Reports in local music magazines indicate that both stations will use 50kw transmitters and expect an interference free coverage area extending 100 miles to the north and south of the transmitter sites. This will make them the most powerful FM commercial outlets in the South Pacific. A major reason for the high power is to avoid the reception (and hence market share) problems experienced by the lower powered commercial FM outlets in Australia. (DR)

**FORGOTTEN FM CHANNELS**

FM broadcasters are squandering a valuable asset: SCA's (Subsidiary Communications Authorizations). In the early days of FM, the FCC granted FM stations exclusive privilege of transmitting programming in addition to their main channel service. These were intended to help FM stations earn extra income and gain an edge in the face of strong competition from AM radio. As the SCA subcarrier is only accessed by leased receivers, SCA services offer revenue exclusive to FM stations.

Most recent FCC data reveals that 73% of FM stations do not use SCA's. That is 100 000 hours dead airtime daily on FM subchannels. Currently authorised services such as background music, farm programming and stock market indices thus have that much less access to potential listeners. Equally to the point, a potential revenue source is being widely ignored. In recent years, technological improvements have virtually eliminated the problem of extraneous noises that were thought to degrade the quality of main channel service by affecting modulation level. A new business - cost free!

Adapted from Broadcasting November 15, 1982: Richard H Harris, Group W Radio, New York. (7)

# FM Stations Plan Formats To Attract Listeners

**Auckland's two new FM radio stations, due on air in a few months, are looking to the content as well as the quality of their broadcasts to lure listeners.**

The director in charge of programming for Metropolitan FM Broadcasting Ltd, Mr Rob McKay, says stereo is only the icing on the cake — the format comes first.

That lesson was learned the hard way in Australia where FM has been on air for two years.

He says the Australian stations were too esoteric at the start and to stay afloat had to broaden the basis of their formats to appeal to more people.

Mr McKay says the broader format style worked, prompting the FM scene in Australia to "take-off" in the past year.

He believes it will not take that long to establish FM in New Zealand.

## Album Music

The director in charge of programming for Stereo FM, Mr Tony Amos, says his station will also be putting the product first.

He says that will entail the station "breaking" music — playing it before its popularity is known.

Both stations say they will play more music from albums than is now the case among private radio stations.

The types of music which the stations will offer appear to be relatively similar — contemporary rock and roll.

Mr Amos says that Stereo FM, which aims to attract a slightly younger age group than Metropolitan, will play everything from the Eagles to AC/DC.

## Dire Straits

A tape he prepared for the Broadcasting Tribunal contained music by the Rolling Stones, Graham Brazier (of the Legionnaires), Duran Duran, Steely Dan and DD Smash.

Metropolitan will play music by artists like George Benson, the Beatles, Fleetwood Mac and Dire Straits.

Mr McKay says people will have to tune into the station, sample it, and make their own preceptions and decisions.

That stations assert they are not looking to simply attract people of a certain age and sex; rather they are aiming to

appeal to certain lifestyles.

## Broad Appeal

What those lifestyles are and how to appeal to them triggers massive research.

The managing-director of Stereo FM, Mr Allan Rutledge, says that apart from one or two stations like 1ZB the days of broadly catering for everyone are over.

However, Mr Rutledge says the station would not be economically viable if its programme appealed exclusively to too narrow an audience.

Because of that Stereo FM will play music with a broader appeal than, for example, Barry Jenkin's "after midnight" show on 12M.

## Local Artists

Mr Amos says his station will keep the music as close as possible to the intent of the artist. That is, the music will not be remixed, cut, or have anything else broadcast over the top of it.

Stereo FM will help New Zealand artists financially through the Stereo Artist Development Trust, one of the company's shareholders, which will receive 1 per cent of the station's net income.

In addition to that commitment, Mr Rutledge says, the station will play as much music by local artists as possible — "certainly much more than is being played at the moment."

Both stations are reluctant to commit them-

selves to predicting profits in their first year.

The Broadcasting Corporation will be helping to obtain revenue for Metropolitan through Radio New Zealand's national advertising sales team.

The corporation is also negotiating to provide a news service for the station.

Mr McKay says Metropolitan will have fewer on-air interruptions than existing private stations, but will have plenty of variety, while concentrating on less "commercial clutter."

## Advertisers

Stereo FM also promises advertisers less commercial clutter — it intends to have a maximum of eight commercial minutes an hour, with no more than two commercials each break.

The chairman of Stereo FM, Mr Gordon Gilmour, predicts that although FM will stimulate additional spending by advertisers, some will switch to the new stations.

Metropolitan plans to be on air early in March and Stereo FM hopes to follow suit by May 5.

Two years ago when FM started in Australia, there was a run on stereo receivers there which stretched supplies and limited choice.

Stereo FM says that according to an October 1981 survey 76 per cent of homes with 15 to 39-year-olds can receive FM.

But retailers expect a rush which will put manufacturers under strain when the broadcasts start.

# BROADCAST DX

Welcome to the first edition of the Mediumwave Mailbag for 1983. Our loggings and trails that DX was pretty quiet over the holidays. I noted both at Waiwaka, and Tuiwai, here's hoping for more activity. This year I would like the help of DXers to encourage the world to build up their ability to chase that DX. To this end every month (pretty please) to concentrate their listening efforts on one area of the world. For instance, lets start with New South Wales, that stations in Australia and the Australian Capital Territories. Please notice to sign-on times, local-programming from Network stations, and when a station becomes audible after the sign-off of another. Anticipation. The preponderance of short-term stations seems to be the months loggings, so lets get on with it.

Arthur Cushen, Invercargill  
 rewards of his World  
 list of QSL's starting  
 10 Portugal, Lisboa 666  
 1062 Port Alto 1035  
 1260 BSC Stoke 1503  
 R Tskhinvali 1323 Kalinens  
 729 Duba Saudi Arabia  
 540 Chiltern 828  
 657 Lushnja 13-  
 1026 P. Morning  
 1305 EAJ47 Spain 1537  
 100 Lisnagarvey 1341  
 140 CHEC 1090 CKST 1070  
 150 CKGG 1240 CFWB 1490  
 170 CJOY 1460 CJSC 860  
 90 CHWD 1470 CKMW 790  
 390 CJCL 1430 CKWS 800  
 50 CKJS 810 CKDM 730  
 0 CKLP 1570 CFQC 600  
 190 CFOR 1570 KOZY 1320  
 270 KRSI 950 KATQ 1070  
 30 KLTC 1460 KHLQ 1410  
 330 KHGX 1410 KLDD 1340  
 20 KWRC 940 KRGD 1550  
 390 MIXI 880 KARI 550  
 380 KRM 530 KOXR 910  
 1290 KLIV 1590 KKAL KREX  
 1130 KNPY 1240 KDWB  
 1080 WJII 1240 WAGR  
 180 1470 WJOB 1230 WJOM  
 100 WEAG 790 WIBU 1240  
 1410. Whatsamata ?? You  
 f those in NZ. You had  
 nely nice to the local  
 ff. Laurie sent some  
 some of his QSL's, one  
 s Angeles Airport stat-  
 friendly letter on the  
 station, one from CBC  
 power outlet on the  
 e was actually there  
 PL 980 intimating a live  
 view in the future. That  
 for New Zealand tourism  
 mention the good DXing  
 ng). Thanks Laurie, logs  
 1. Beacon 1610 45J 1610 Waiheke 1404 7RPH 1620, more next month?

Patrick Martin, Seaside OR USA  
 Reprinted to be happy with 1982 and hoping for  
 a similar 1983. Loggings away to KUAM 612 and  
 KUMR 567 Tuvalu 621 (tent.) 4HI 1143 4XA  
 DXCE 828 KIPD 1350 NJDE La Voz de Bogota 890  
 QSL's from KRSA Petersburg AK 580 (via Wash-  
 ington Ham operator who made contact with  
 the CE of KRSA) KARN AK 830 K8EE 970 KERN  
 1410 KFIA KRYN 1240 K8UC 1240 and a taped  
 verie from 7RPH saying that Patrick's report  
 was the furterest they had received. Thanks  
 for your comments, all the best for the  
 coming months.

Mark Nicholls, Queenstown  
 Catching a few short-termers with Waiheke  
 1404 Fifeshire 855 Golden Bay 1208 Singapore  
 792 XERF 7RPH 45J Scout Jamboree Radio Cld.  
 1610 and Caribbean Beacon 1610. Mark is now  
 using an ICF6800W and a rebuilt loop.

Dene Lynneberg, Pukerua Bay  
 Logs of 3XR 594 2YT takaka 1269 Waiheke 1404  
 with QSL's from DZPH 1566 (with 6-8kw for  
 maintenance reasons) DZPA 873 DYWC 801 and  
 VOA Poro 1143 all from the Philippines trip  
 plus KHEI 1110. Hope the wife enjoyed the  
 visit back home. Cheers!

Peter Chambers, Opunake  
 Logs are JOUB 594 FJB 800 VOA Thailand 1575  
 KNIX 1580 KVOG 1170 Fifeshire 855 1XF 893  
 Veries from 2SM 2EA 1584. Peter is listening  
 with a loop, booster, wavetrap with 40ft.  
 vertical antenna coupled to a 14 transistor  
 National Panasonic. Good listening!

Lance Johnston, Christchurch  
 Has logged WUVU 648 2AP 540 KSSK 590 2XL 4XF  
 2XS 2XJ with rewards from 4XF and 2XS, thank  
 you Lance. Looking forward to hearing you  
 from the Garden City.

Noel Parry, Invercargill  
 Loggings of 12R and 32B and chasing 2YT to  
 get local programme material, returns from  
 FR3 Wallis et Futuna 1188 and 2AP 540. Noel  
 gives the verie signer of Wallis Is. as Le  
 Chef d'Establishment-Jacques Deranlot. Ja.

Arthur Cushen, Invercargill  
 Arthur has reported KJJC 910 2XJ 855 4SJ  
 JOHF Sapporo 1440 4PK 837 Waiheke 1404  
 and a solo QSL from 1710 KFKA Greeley CO.  
 Very nice. Thanks for the prompt reply to  
 my order and for the address.

Lindsay Robinson, Invercargill  
 Log 31 Tuiwai from Waiheke 1404 KVAJ 1510  
 2XK KNIX 1590 KRAK 1140 KTMQ 1020 DVFX  
 1305 2XJ 4XJ whilst at home, KCA 1510 1XE  
 3MP and A3Z but no QSL's yet. Here's hopin-  
 g for better conditions real soon.

Cousin Keith Robinson, Kapuka  
 Rather quiet this time with logs of Waihe-  
 ke 1404 WLOP (wow) 2XJ DZEC 1262 and a  
 verie from FR3 Mata-utu Wallis Is. 1188  
 Still picking off the Philippines nicely  
 Good luck for the coming year.

Bryan Clark, Auckland  
 Pacing yourself. Bryan's logs of Fifeshire  
 855 and 4SJ 1610 (DX special) Interesting  
 newspaper article Bryan, even made the  
 local rag.

Paul Ormandy, Oamaru  
 Poor conditions meant just a few logs  
 KRIC 910 KARZ 980 WUVU 648 but a nice  
 verie from OAXAU Radio America 1010. The  
 v/signer was Carlos Antonio Aguirre, Jefe  
 Programacion. Will be spending a full week  
 at Waianakura in early February.

## BEST OF THE MONTH

Station; Radio America  
 OAXAU  
 Lima, Peru  
 1310Khz; 50Kw  
 117 points  
 Winner; Paul Ormandy

Ray Crawford "The Boyne Islander", Boyne Isl  
 Queensland reports that tropical weather and  
 thunderstorms are not conducive to DX, and  
 only report out is 4SJ 1610. QSLs are back  
 from KIPD 1350 KYTE 970 HLSA 603 JORF JOPE  
 JOOG JOXR "Broadcasts to Minorities" Nei  
 Menggu, Hohhot/PPRChina 1458 PPBS Heilongjiang  
 Harbin/PPRChina 1341. Strange weather this  
 summer in both Australia/NZ seems to be keep-  
 ing the lid on the Yanks!

Norris Sturgess, Rotorua sends a note of his  
 listening to 2BL and Radio Fiji outlets at  
 Drasa 639 and Labasa 684. Let's hear from  
 you more often with some logs and veries!  
 It is always interesting to know what can be  
 heard in different parts of the country, and  
 reporters from Rotorua and the Bay of Plenty  
 area are always welcome in these pages.

David Riccuish, Wellington is arranging for  
 his Trio to be "tuned up" for the new season,  
 but took his new Realistic TRF down to old  
 hometown Christchurch and has logs away to  
 1YA 2YM 2XJ 855 2XL 1125 2ZF 1539 (logged at  
 Picton) 3YZ 4XA 4XF 4ZG 4SJ 1610 and KMPC 710  
 with veries in from 3ZA 4RC 4QG 4QR 5DN 5PI  
 6SE 747 7RPH 1620 and 2AP Nuutoi 540.

Noel Parry, Invercargill has no reports out,  
 and one QSL has arrived from 2AP Nuutoi 540.  
 Hope that 1983 brings in many good new catches  
 for you!

Stuart Forsyth, Darfield visited Godley Head  
 (Convention 77 site) with the Chief Editor  
 and has reports away to KOB 770 KROW 780 and  
 KMPC 710 and a verie back from 2NZ. Good to  
 see you back in action again - no problems  
 with the site..it is a good one!

Andrew Gardener, Wellington also left Windy  
 City behind for some holiday DX from the main  
 beach at Gisborne and has reports out to 1XX  
 1YT 1ZT (both logged outside the actual trans-  
 mitters) 2XJ 855 2YT 1269 2XK 2YW A3Z 1017  
 KAIM 870 KCCN 1420 KDAY 1580 KFAB 1110 KOMA  
 1520 KPNW 1120 KTRH 740 XERF 1570 and veries  
 back from 1XX 1YT 1ZT (collected from the  
 Technician at Taupo personally) 3CV and JOAB.  
 An excellent start to the season, and sitting  
 outside low powered local relays is one way  
 of hearing them hi!

**REMEMBER** now that the Broadcast notes are  
 typed in Oamaru, contributions must be rec-  
 eived at Wellington by the closing time for  
 each issue to be assured of inclusion. There  
 may not always be enough space for latecomers  
 such as we reserved this month! That goes for  
 the Chief Editor too!

**GODLEY HEAD REVISITED** : All is revealed!  
 Godley Head on the Port Hills near Christ-  
 church (site of Convention 77) has been re-  
 visited by Canterbury Branch member Stuart  
 Forsyth accompanied by the Chief Editor. And,  
 sheltered by new public conveniences thought-  
 fully constructed by the Lands and Survey  
 Department, from cold and strong winds, our  
 two intrepid DXers braved the elements on both  
 30/12 and 7/1. DX was good, especially on 30/  
 12 and better than in the city or Darfield.  
 Highlight had to be traces of WABC New York  
 pushing at KOB 770 but not quite making it!  
 KROW broadcasting in AM Stereo produced local  
 quality reception, as did nostalgia/Big  
 Band format from KMPC Los Angeles which the  
 Chief Editor had been trying to hear for 13  
 years! Christchurch area DXers have excellent  
 possibilities at this site, using loops and  
 transistor receivers. Take a torch, blankets,  
 a foldup seat and a hip flask!

| Additional Trail |  |      |
|------------------|--|------|
| 540 2AP          | Nuutoi, Western Samoa vg Samoan music 0915 (GH)  |      |
| 550 KMVI         | Wailuku HI "KMVI in the heart of the night - aloha" good/mixed 0900 (GH)   |      |
| 580 KMJ          | Fresno CA fair w/Larry King Show 0900 (GH)   |      |
| 590 KSSK         | Honolulu HI "K59 NewsCenter News" 1121, then DJ Mike Murray with Adult Contemporary Hits (DR) ex 0900 (GH)   |      |
| 600 KOGO         | San Diego CA also carrying Larry King Show talk vgood 0835 (GH)  |      |
| 621 Radio        | Tuvalu Funafuti, Tuvalu vgood with local program of music 0830 (GH)  |      |
| 648 WVUV         | Pago Pago, American Samoa "Number 1 across three time zones in the Pacific, this is the Great 648, WVUV in American Samoa" exc 1D 1102 (DR) excellent Samoan music 0830 (GH)   |      |
| 710 KMPC         | Los Angeles CA with Big Band and nostalgic format "KMPC invites you to dance to music in the Glen Miller mood" and "7-10 KMPC" ID jingle, female DJ 0810 vg signals (GH)   |      |
| 740 KTRH         | Houston TX good w/Larry King Show talk 0800 (GH) ID as "7-40 AM KTRH" 1000 (AG)  |      |
| 770 KOB          | Albuquerque NM with Larry King Show also, local ID 0800, mixing WABC at times (GH)   |      |
| 780 KROW         | Reno NV with "Reno's an exciting place to live. We're excited about Reno and Reno's excited about us. We're KROW with the new and exciting sound of AM Stereo" 0800 excellent signal (must be easiest North American along with KNX 1070) (GH) |      |
| WBEM             | Chicago IL often mixed under/with KROW, with all news format, IDs "WBEM NewsRadio 78" 0815 (GH)  |      |
| 790 KABC         | Los Angeles CA with ID as "Talk Radio AM 79 KABC Los Angeles" 1035 then local phone numbers in LA area for callers (DR) mixed KKON fair 0800 (GH)  |      |
| 800 XEROK        | Ciudad Juarez, Chihuahua with SS ranchera mx good 0735 (GH)  |      |
| 860 XEMO         | Tijuana, Baja California fair w/ gospel music 0745 (GH)  |      |
| 870 KAIM         | Honolulu HI gospel mx good 0940 (GH) good 0815 (AG). Usually v clear most evenings, now 50kw and carries gospel programs and light music. Also 1120 (DR)   | (20) |


|           |  |
|-----------|--|
| 940 KDEO  | Honolulu HI w/ID as "K-DEO News" then MOR music, clear 1200 (DR)   |
| KFRE      | Fresno CA fair w/MOR mx also at 0840 (GH)  |
| 990 XET   | Monterrey, Nuevo Laredo fair SS mixed KHVH 0730 (GH)   |
| 1000 KOMO | Seattle WA fair w/local nx, sport 0800 (GH)  |
| 1017 43Z  | Nuku'alofa, Tonga excellent thru to 1005 s/off in EE (AG)  |
| 1020 KTNQ | Los Angeles CA always vgood SS 0720 (GH)   |
| 1060 UnID | US station with NBC News, Blues mx, light jazz, few adverts, fair 0800 (GH) KPAY perhaps?  |
| 1062 2AP  | Apia, Western Samoa vgood 0730 w/ EE programs (GH)   |
| 1110 KFAB | Omaha NE "You're listening to Serenade in the Night on KFAB in Omaha, Nebraska" good 0930 (AG)   |
| 1120 KPNW | Eugene OR "Beautiful KPNW Radio" ID with talk program 0930 (AG)  |
| 1180 VOA  | Marathon FL "This is the Voice of America, the following program is in Spanish" ID male EE, then SS with list of shortwave frequencies, light music 1130 (DR)  |
| 1188 FR3  | Mata Utu, Wallis Island, Wallis et Futuna, fair FF 0900 (GH)   |
| 1290 KMEN | San Bernadino CA poor "K-MEN" ID heard 1000 (GH)   |
| 1420 KCCN | Honolulu HI "broadcasting from the 1st floor of the Waikiki International Market, this is the Number 1 Hawaiian station, KCCN in Honolulu" ID vgood 1100 (DR) fair with similar ID 0900 (AG)   |
| 1470 XESM | Mexico City, DF fair in SS 0900 (GH)   |
| 1480 KYOS | Merced CA with network nx 0855 fair w/1XA splash (GH)  |
| 1520 KOMA | Oklahoma City OK fair "Weather Station" ID 0750 (AG) "15-KOMA" IDs and country/western music 1115 (DR)   |
| 1570 XERF | Ciudad Acuna, Coahuila is being heard again with powerful EE language programs after an absence from the airwaves for a few years. IDs as "Bill Mack International Country Roadshow" with regular "XERF" IDs, calls to listeners and requests for letters to "Bill Mack, XERF, P O Box 8777, Fort Worth, Texas 76112". 0850 (AG) 0910 (GH) 1107 (DR). Possibly now using full 250kw power instead of 50 kw used in recent years in SS. |

|           |  |
|-----------|--|
| 1580 KDAY | Santa Monica CA good w/soul mx often mixed KNIX 0900 (AG)                        |
| 1600 KGST | Fresno CA in SS, music, IDs hrd good level 0845 (GH)                             |
| 1610 CB-A | Caribbean Beacon, Anguilla W.I. poor gospel program, only just audible 1030 (GH) |

Thank you to (AG) Andrew Gardener, DXing from Gisborne early January; (GH) Stuart Forsyth and David Ricquish, DXing from Godley Head, Christchurch using DR28 and 1 meter loop 30/12 and 7/1/83; and (DR) David Ricquish, DXing from Christchurch City in early January using Realistic TRF and 1 meter loop.

**RADIO 5DN** 1932-1982  
Our Golden Anniversary Year

P.O. Box 481, Port Pirie, South Australia, 5540



AUSTRALIAN RADIO UPDATE courtesy of the Australian Broadcasting Tribunal Annual Report 1981-82 recently received at the Times

As at 30 June 1982 there were 110 ABC, 135 commercial, 30 Public BS and 2 Special BS stations in operation, along with 9 commercial and 2 Special BS translators on air.

Latest financial figures show that 37 of the commercial stations were making a loss, compared to 29 the year before and only 20 the year before that. Country stations seem to be suffering the worst, but metro FM stations are also struggling financially.

New commercial stations were granted during the year to Esperance (6SE) and Carnarvon (both in Western Australia) and the station at Carnarvon was also granted a repeater at Exmouth. Station 4CA Cairns was granted a repeater at Gordonvale, Queensland; 2DU Dubbo a repeater at Cobar, NSW; 8DN Darwin a repeater at Katherine NT and 4VL Charleville a repeater at Cunnamulla, Queensland.

Stations 2NX Bolwarra and 2NM Muswellbrook are now completely owned by 2SM Sydney, as is station 4IO Brisbane. Station 2SM itself is owned by Trustees of the Roman Catholic Church for the Archdiocese of Sydney.

During the year, 14 stations increased and 2 stations reduced hours of service, and 69 stations are on air 24 hours daily (including 7 FM stations). There are 8 ABC outlets on air 24 hours (2NC, 2CN and all NT).

via David Ricquish (21)

# BROADCAST DX

# SPECIAL

CUBAN AM STATIONS with more than 1kw power.

| Call Sign | MC CALL | IDENTIFICATION        | POWER (kW) |
|-----------|---------|-----------------------|------------|
| del Rio   | CMAA    | CMAN R. Rebelde       | 30         |
| lara      | CMEA    | CMHI R. Rebelde       | 30         |
| Noris     | CMKA    | CMKV R. Rebelde       | 150        |
|           | CMDA    | CMGN R. Rebelde       | 30         |
| y         | CMHA    | CMJN R. Rebelde       | 30         |
| coa       | CMBB    | CMBC R. Progreso      | 50         |
|           | CMNH    | R. Liberacion         | 10         |
| lara      | CMEB    | CMHG R. Progreso      | 30         |
| Arenas    | CMBC    | CMG R. Liberacion     | 50         |
| le Avila  | CMIC    | CMJV R. Liberacion    | 10         |
| lara      | CMEC    | CMHG R. Liberacion    | 50         |
|           | CMPH    | R. Liberacion         | 10         |
|           | CMKC    | CMKJ R. Liberacion    | 10         |
| del Rio   | CMAC    | CMAG R. Liberacion    | 30         |
| y         | CMHC    | CMJL R. Liberacion    | 10         |
| coa       | CMBD    | CMCD Radio Reloj      | 5          |
| - Habana  | CMBU    | R. Ciudad-Habana      | 10         |
| le Avila  | CMIB    | CMJT R. Progreso      | 5          |
| lara      | CMEL    | CMHW "W"              | 10         |
| as        | CMLB    | R. Progreso           | 10         |
| amo       | CMMB    | R. Progreso           | 10         |
|           | CMBM    | CMCA R. Metropolitana | 10         |
|           | CMMG    | R. Progresp           | 10         |
| del Rio   | CMAB    | CMAF R. Progreso      | 30         |
| y         | CMKB    | CMKP R. Progreso      | 50         |
|           | CMHL    | CMFA R. C. Agramonte  | 5          |
|           | CMNG    | R. Progresp           | 10         |
|           | CMKD    | CMKD Radio Reloj      | 10         |
| Arenas    | CMBE    | CMBF C M B F          | 5          |
|           | CMAM    | CMAP Radio Guama      | 10         |
| la        | CMCX    | CMW Radio Moscow      | 75         |
| as        | CMLL    | CMKT R. Victoria      | 10         |
|           | CMMG    | CMDX CMKS y CMDX      | 5          |
| amo       | CMML    | CMKS CMKS y CMDX      | 10         |
|           | CMCU    | R. C. Habana          | 10         |
|           | CMKL    | CMDL Radio Angulo     | 10         |
| sa        | CMCW    | R. C. Habana          | 5          |
| tos       | CMNG    | CMKX Radio Bayamo     | 10         |
| ia        | CMCV    | Voice of Cuba         | 75         |
|           | CMNW    | Radio Bayamo          | 10         |
| Soriano   | CMJG    | C M K C               | 10         |
| -Spiritus | CMGL    | CMHT R. S-Spiritus    | 10         |
| lco       | CMJX    | C M K C               | 10         |
| Rep'cana  | CMDM    | CMGY Radio 26         | 10         |
| lia       | CMDN    | CMGM Radio 26         | 3          |
| y         | CMHD    | CMJG Radio Reloj      | 10         |
|           | CMOL    | CMBN Radio Caribe     | 10         |
| agos      | CMFL    | CMHU R. Cd. del Mar   | 10         |
|           | CMHY    | R. C. Agramonte       | 10         |
|           | CMIN    | CMJY Radio Surcos     | 10         |

**Comment** The National Assoc of Broadcasters, worried about Cuban based interference to American AM stations, wants the FCC to protest to the ITU even though the ITU cannot enforce its rules.

The NAB President noted that the 4 hour "Voice of Cuba" broadcasts (30 August 82) beaming propaganda to American audiences on 570, 670, 1040, 1160 and 1380 khz "illustrates Cuba's potential to cripple AM stations" and added "potential to jeopardise more than 200 stations in 34 states cannot be ignored".

While politicians in Washington continue to consider setting up Radio Marti, officials in the White House are now considering short-wave broadcasts instead.

Further north: "Canadian proposals call for some 160 assignments on US clear channels. Many are right up against the US border. Over a dozen are for 50kw night-time. Within a year, many of these new assignments will be drawn up into a treaty. Yet Canadian clear channel negotiations have received scant treatment." A comment from Tom Busch, President of Alaska Broadc. Assoc, Nome.

en from NRC DX NEWS, December 13, 1982.

Broadcasting 25/10/82

# BROADCAST DX

**AUSTRALIA:** 6PB will go on the air some time this year with 5kW DA on 783kHz. DXers Calling via IRCA  
6BR Bridgetown was commissioned 5 months ago for ABC on 1044 kHz with 1kW.  
6CX Carnarvon will be on 666 kHz with 1 kW and repeater in Exmouth on 747 kHz with 1kW. Reports to Mr A Papalia, CE, Carnarvon Commercial Broadcasters, Carnarvon, WA 6701.

8DN repeater at Katherine on 765 kHz with 200W should be on air by now.

4HI repeater at Dysart on 945 kHz is now 1kW.

1RPH, 4RPH and 7RPH all allocated 1620kHz with 500W; 2RPH and 3RPH 1629kHz 500W

All DXers Calling via Tune In

**HAWAII** KKON 790 kHz 50 kw requests 800 kHz with 10kw.  
KPUA 970 kHz carries C&W 0400-1000. The new Hawaiins on 1310, 1380 & 1600kHz have not yet appeared.  
KGU 760 kHz has changed format to News/Talk competing with KIOE 1080 kHz (Who want KZHI for callsign) Chuck Boehnke, IRCA

**SOUTH AFRICA/TRANSKEI** "Radio Goodwill", a new religious station, will rent the old Capital Radio 500kW rig in Herschel and will operate at night on 1200 kHz. Capital Radio itself will install a 100kW Xmtr in Butterworth to operate on 585kHz DA towards East London, and a 100kW Xmtr in Umzumkulu with DA towards Durban. They are moving studios to Johannesburg.  
Dave Cherry, Capital Radio CE via DXers Calling via IRCA

**MEXICO** There are six radio stations broadcasting in Indian dialects to the approx. 5 million Indians in Mexico: 1. La Voz de la Montana, 2. La Voz de los Chontales, 3. La Voz de la Mixteca, 4. Radio XEPET, Yucatan, 5. La voz Tarahumara. BBC MS

**MEXICO** (Cont.) XERA 760 kHz, San Cristobal, is on with 5kW 18h a day in 6 languages for the Indians of Chiapas; it is a government station.  
Toronto Globe & Mail via SWNS via IRCA.

- 580 K... Tucson, AZ New appl 5/0.5 kW
- 680 KBRW Barrow, AK Night pwr inc to 10kW
- 710 KUET Black Canyon, AZ now 24h 1kW U4
- 780 WABS Arlington, VA seeks 5kW
- 830 K... Tucson, AZ New seeks KGLR
- 960 KARZ Phoenix, AZ seeks KOOL
- 980 KSUC Richfield, UT Night Pwr 1kW
- 1070 KENR Houston, TX seeks KRBE
- 1070 KERR Polson, MT QSY 750kHz 50/10kW
- 1080 KIOE Honolulu, HI seeks KZHI
- 1080 KTNX Anchorage, AK ex KANC
- 1230 KRDD Redding, CA seeks KPAK
- 1240 KENZ Sacramento, CA ex KROY
- 1300 KFLO Shreveport, LA app inc to 5kW
- 1370 KDAN South St Paul, MN App 1100kHz 2.5kW D1

- 1380 WNSI St. Petersburg, FL seeks WRBQ
- 1410 KVEG North Las Vegas, NV Day Pwr inc to 5kW
- 1420 KYUC Yucca Valley, CA seeks KSES
- 1430 KARM Fresno, CA Xmtr move & 5/5kW U3
- 1480 KMEZ Dallas, TX ex KBOX
- 1490 KOJO Laramie, WY seeks 1210kHz 25/1 kW U4

NRC AM SWITCH

**NEW ZEALAND**  
Victoria University of Wellington station RadioActive has applied for a 32 week FM 89MHz warrant from Feb 7. If this fails, they will try for 3 short-term AM 1233kHz warrants for special events. Format will be student info, news and "alternative" music. Dominion.  
I rang their Chief Engineer, John Futter, ZL2TUD, and asked him where they had received DX reports from. He said that to his knowledge, none had come from Australia, but he has seen 2 from Argentina and 5 from Chile. He comments that the aerial used was a 1/2 wave horizontal dipole at the university and that if they were on AM this year it would be using a 90ft mast in Horokiwi (by 2XG Rhema) improving the signal to Aussie. Andy Gardner (ZL2UEF)

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

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

Subscription and administration inquiries:  
Box 1313, Invercargill

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

Operating certificates and inquiries:  
Box 3011, Auckland

Emergency orders and inquiries:  
Box 1011, 15 Fitzroy Street, Kawerau.

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

New Zealand DX Times is published monthly by the New Zealand Radio DX League at Wellington. Copyright. January 1983.

Members wishing to know details of the next meeting should contact Tom Crooke (Phone 279 8348) or write to: Tom Crooke, 19 King Street, Papatoetoe. Those in Wellington should contact Andrew Gardner (Phone 783 068) or write to: 5 Bharat Street, Broadmeadows. Canterbury members should contact Lance Johnston (Phone 887 829) or write to: 2 Waitaki Street, Christchurch, or contact Alastair Stewart (Phone 366) or write to: 37A Merrin Street, Christchurch. If you live in North Otago contact is Doug Walker, 7 Meon St., Dunedin. Southland members have their next meeting scheduled for Tuesday, 25 January at the home of Irene Simpson, 58 Price Street, Invercargill, commencing at 7:30 pm. Jack Fox, Patron of the NZRDXL will be the guest visitor at the meeting. For details contact Irene Simpson, Phone 57 431, Invercargill.

Members living in a part of the country who are not establishing an active branch and interested in establishing one, are invited to write to the headquarters for information on the requirements. In past years, branches have been active in Taranaki, Waikato/BOP, Canterbury and Otago (Dunedin).

#### NEW ZEALAND DX RADIO ASSOCIATION 50 YEARS OLD

The New Zealand DX Radio Association this month celebrates its 50th Anniversary with a special function in Dunedin on Saturday, 29 January 1983. The NZRDXL and the South Pacific Association of Radio Clubs will be represented at the function by Jack Fox, Patron of the NZRDXL. The NZDXRA are planning a listening post and static display of radio listening during the afternoon, and present and former members are attending the evening function. The NZDXRA has printed "Tune In" for the past 50 years and congratulations from the NZRDXL go to Wally Singleton and the other NZDXRA officials for their long service to radio listeners in New Zealand and overseas.

INTERNATIONAL DIARY FOR FEBRUARY 4th Sri Lanka Independence Day; 5th Mexico National Day; 6th New Zealand Waitangi Day; 7th Grenada (W.I.) Independence Day; 11th Japan National Foundation Day; 14th St. Valentines Day; 18th Gambia Independence Day; 23rd Guyana Independence Day; 25th Kuwait National Day; 27th Dominican Republic Independence Day.

FOR SALE: Mediumwave collapsible loop, exc. condition \$22. G.I. Williamson, 8 Blue Mountains Road, Silverstream, Wellington (Phone: 288 988).

HAP ASSISTANCE Disabled League members are eligible for a free subscription to the NZRDXL out of the Pacific HAP Fund. If you wish to take advantage of this and other assistance available (or know someone who may wish to join), further details can be obtained from Arthur Cushen, 212 Earn Street, Invercargill.

NOTICE: Members wishing to have specific information, details on prices and availability of communications receivers should drop a line to Bryan Marsh, 20 Rimu Road, Mangere Bridge, Auckland enclosing s.a.e.

SRI LANKA SPECIAL: The Sri Lanka Broadcasting Corporation in Colombo requests reports for its All-Asia Service on Sunday, 20 March 1983 between 0330-0430 GMT. Programs on air will be a childrens story and a nostalgic music program. Reports including genuine program comments should be addressed to AWR-Asia, P O Box 15, Poona 411001, India. All correct reports will be verified by AWR-Asia and then forwarded to Colombo where a QSL card will be issued by the Sri Lanka B.C. Correct reports from anywhere in the world will be honored by both AWR-Asia and SLBC.