

NEW ZEALAND DX

Vol 36 No

September-October 1983

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all this and much more...inside in your DX Times this month, the Number 1 in the Pacific DX magazine...and growing better! NEXT MONTH features a visit to Radio Noumea, Radio Caroline returns... and much more.! Inside

After spending two weeks just lazing in the sun with little incliniation to read or write...it's back to economic reality! Several DXers managed to acquire excellent suntans in Noumea this past month, talked their way past the armed guards to get inside the local radio/TV studios, engaged in tropical DX and managed to discover a new private radio station! A special presentation was made to the Director and Staff of Radio France Outre-Mer on behalf of SPARC...in recognition of the years of assistance provided to DXers by Radio Noumea.

Keeping the focus on the Pacific, we have details inside about KFBS the new gospel station on Saipan which plans to be on air with 100kw transmitters within the next 6 weeks or so. From the same part of the world, Guam, we also learn that another gospel station is planned by Adventist World Radio. In recent years, religious stations have begun to dominate shortwave radio in the Pacific, with new stations on Guam, in Alaska, and on mediumwave with the 50kw stations KAIM Hawaii and KBQN Pago Pago. Now we have even more stations coming on air and more international broadcasters improving their coverage of the region.

A special thanks and welcome to everyone who has renewed their subscription...as we enter the 36th continuous year of publication. This month we also introduce Norris Sturgess of Rotorua who has taken the helm of Branch Radio News. Next month, it's a welcome return of Bill Pearson with news and notes about Alternative Radio.

It was certainly time for a vacation, and I'm glad that many of our members did likewise from sending in too many reports this month! The magazine is a little shorter this month while we sort through all the articles we have lined up (they literally arrived by the packetload this month!) and get our new sections prepared.

As the major link between all members, we think the magazine should continue to cover all the news of member activity and the latest in radio news from around the world. Thanks for your continued support ... and we hope we can help make your hobby even more fun and more interesting as time goes by!

NEXT CLOSING DATE is Monday October 10 for all the latest news..Ladders..musings..DX...logs...QSLs.. articles...views...clippings..spare credit cards...

ve Mailbag

With BILL HUDDLESTON of Auckland

Jack Searle made the lucky break this month with the space a QSL from Kampuchea, after one year and five days, while spitalized on this with verifications from both, Kampuchea, and sinza Argentine Antartida. Nice going now to open the Mailbag.

moana had his verifications back this month from Kampuchea h some very beautifull stamps and a programme schedule, Sweden 20, RAE 11710+pennant, Budapest 15220, RM Petropalousk Kanchatsky 7145. Thanks.

eymouth sent out 10 reports out this month and received QSLs 6 15474, Kampuchea 11938,

ellington reports of QSls back this month from Paraguay 9735, arakou Benin 5025, Vatican 15190, Voice of Peace 6240, Madrid 95,

Kelly Nelson during August sent 16 reports on their way while ications cards back from Taiwan 17830 + pennant, Dubai 15435, 15235, Tirana 9480, RN 9715 HCJB 9745, BRT 11620, Bucharest --

son appears to be on of those DXers with a neglectfull postie k from AWR 9670, Bucharest 15335, RFE 15255, I know what you mean

ka Otago has while looking for a place around the Lewis Pass roots, and fix an antenna received the 168th QSL sent out from nks for the comment, I know all the editorial team try to make h reading.

s South Australia sent out 3 reports this month with veries back, KTWR 11840, HCJB 6130, VOT 11740.

nvercargill reports this month of verifying Korea 6175, Dubai 15115, Turkey 17760, Vienna 9645, Madrid 11840, Norway 17710, 3 11820, Belgium 5895, Havana 9775, Canada 15190.

llacetown has 7 reports out with one back from FIBS 3958. Thx.

 \underline{on} Invercargill sent another 12 reports out this month with ck from Sweden 15270, R. Manus 2428.

per Hutt received the following veries back Prague 5930, 11855, 5, Moscow 7310, RA Carn. 21720, Shepparton 9710 11770, TWR Monte 35-500w xtr. TRT 7155, Kiev 11720, Austria 5945 17840, IBRA 9555 number of others from RBI and BRT.

Invercargill sent in a good list of QSLs received from FIBS . 6160 Sweden 9695, Belgium 11620, Voice of Turkey 11740, NHK abai 15345, Beijing 15435, VOFC Taiwan 17890. Thx.

1. 2 ずまりは 1人ご・1 1 大いのと誓いた 1な締む そういらん。

Owen Cullen Hikurangi reports on a surprise ending to a SWL report to CKZN Newfoundland

Owen received a toll call from the station at 23-15 Hrs local time on the 23rd August, followed by a 5minute interview on air, for their 'Breakfast show! Some of the questions they asked were,' Where in Tew Zealand did we live? and what sort of regularity the station was heard. Apparently there is a lot of interestin New Foundland, Labrador and surrounding area, in the fact that their station can be heard on the other side of the world.

It seems they do make phone calls to some of the far away places, and, I might add that the toll call connection was better than that when phoning Auckland from Northland

I passes on greeting to all their listeners from New Zealand.

Thanks to Owen for that article

Under 9mHz BEST OF THE MONTH

FIBS. Falkland Islands 3958kHz. 2.5kw. 118 points.

Paul Aronsen and Russell E. Winter

Over 9mHz. BRT Belgium 11620kHz. 250kw. 83 points.

Russell E.S. Winter

Invercargill

SHORTWAVE BANDWATCH First is an apology to these who have requested contributor forms and still not received them. However...your contributions are welcomed on one side of a plain sheet of paper.. and listed in frequency order! As far as the Bandwatch forms are concerned, it may be possible to have these available soon!

The contributors this month are listed here instead of after the section itself for economy reasons: JS Jack Searle (Haumoana) AG Alan Gilmour (Greymouth) TC Tom Chisnall (Nelson) NS Norris Sturgess (Rotorua) TR Tom Rushbrooks (Auckland) JW Jim Webb (Manakau) AC Arthur Cushen (Invercargill) GP Graeme Pearse (Mastertom) BW Brian Webb (Upper Hutt) PO Paul Ormandy (Ozmaru) OC Owen Cullen (Hikurangi) LR Lindsay Robinson (Invercargill).

SHORTWAVE MATLBAG and a late entry is in from Chris Sutcliffe of Thames in his 1st contribution. QSLs are RSI 11705 SIBC 5020 NHK 17810 Budapest 9835 FEEC 11890 RMZ 17705 BBC 9510 Beijing 11600 Deutsche Welle 9690 (plus 40 used stamps) Nederland 9715 VOFC 17890 (plus cassette of CC mx) AIR 11620 Kuwait 11790 AFRTS 11790. Thanks Chris: but watch the date-don't be late!

ARGENTINE STATIONS CEASE SHORTWAVE ...and according to Gabriel Ivan Barrera of Buenos Aires in a letter to the DX Times, both LR1 Radio El Mundo and LR4 Radio Splendid ceased SW broadcasts on 1 Sept.

These 2 stations now broadcast on MW and FM only. It is expected that the former shortwave frequencies used could be taken over by RAE.

CONVENTION COUNTDOWN Planning is now well underway for the 18th Convention to be held in Auckland over the 1984 Easter Weekend. The venue is Parau Camp, set in 7 acres of bush next to Parau Park on the northern shores of Manukau Harbour. This is within the metro area but an excellent DX site with comfortable facilities for Conventionites.

Convention 84 is scheduled to begin at 1 pm on Friday 20 April, concluding during the morning of Monday 23 April. Events over the weekend include visits, panel discussions, guest speaker, official dinner, the now famous auction...and plenty of opportunity to DX and meet old friends and make new ones. A marvellous chance to meet DXers from around NZ and from overseas, view the QSL displays and view the latest in communications equipment.

Convention 84 is now only 6 months away, so mark your calendar, arrange your vacation times and start planning now...to attend. A registration form will be mailed with the DX Times to all members later this year. DXers from all member clubs of SPARC and overseas DX clubs are welcomed by the Auckland Branch to Convention 84 in Auckland...the capital of Polynesia!

ave Report

AINLAND of Wellington

Service (BBC MS) is ay not be reproduced ion.

)/DW The BBC may start ie Welle. RCI SWLD 13/8
FEBC Saipan(KFBS)will wave txs on the air is year. The first of it formely used by the vill operate by Novemne planned sked is:2100-00-2359 Indonesian,0900-00 Chinese,1300-1500 ecial pxs from FEBA iformation on for yet.

RA Spectrum 14/8; been replaced by s(ORU) between 1800-2145. on a transmitter for tt March(100kW).B.Webb cara has changed its o Grande do Sul in stroperates on 6080.

RN MN 18/8
Radio Nacional de arted using the 49
20 at 0900.RN MN 18/8
RF New fqs wef 4 Sept
0400-0600 5945,9770;
2300-0200 11755,15115;
1700-1900 17775;17001700 11825,15230;2100000-1200 17725.0RF21/8
ng to an annet from
n 15th August, the stnuce a new EE px for ept.The px,called will be broadcast at 25th Sept) on 11755
BBC MS 18/8

t:2200-0000 9745,0000-RN MN 25/8
ting in January 1984 a magazine telling rogrammes and people air and other informis Jane Niven VOA's ence Relations. The tobe large but will be a full colour cover & inside. It will have cles, thumbnail sketshows. It will have ing schedule, by-liners

s announced some new

written by people on the staff telling about what they are doing to but together some of the programmes. There will be a page of letters from listeners in which some questions will be answered. There will be a contest in the back of the magazine. This VCA magazine will be published every two months and is free. The address is: Voice Magazine. P.O. Box 400. Washington DC 20044, USA., VOA 27/8
ISRAEL The Voice of Israel's "DX Corner" px on 21st August gave details of new transmissions to be introduced on 4 Sept. From 2300-2330 a new daily px in "easy Hebrew"will replace the existing Yiddish bc at that time. It will contain news and feature oxs.including a weekly Hebrew lesson, and will be bc on 21495,15585. 11655 & 9815. A Yiddish px is being introduced from 0400-0415 & a RR px from 0415-0445 being relays of the domestic Network "A" service. BBC MS 25/8 URUGUAY Radio Carve will be putting a new 50kW shortwave tx into service this Fall. Radio SODRE is planning on putting two new 200kW shortwave txs into operation this Fall. J. Nokkonen (BBC) SCDX 23/8 BOLIVIA New stn on shortwave: R. Mineria. Casilla 7. Capinota. on 4985 at 1000-0300: in Cochabamba Dept.director general is Jose Carlos Gomez Espinoza, RIB 9/83 RADIO BANGLADESH has introduced a monthly DX px called "DX Magazine". It is bc every 4th Thurs at 1815 on 17800 & 15270. RA Spectrum 4/9 GUAM Mel Hickman spoke with a top official at 7th Day Adventist General Conference who indicated Adventist World Radio'd begin building shortwave relay here as soon as land sale confirmed. Plans four 500kW txs.the first on line by 1985:target As, ANZ, ME, EAf. Said'l sell time to other bcers. AWR'd be phasing out Sines Portugal operations. Site is shortwave part of Guam: presumably FCC has authorized. Speedxgram RIB 9/83 AFGHANISTAN Radio Afghanistan has introduced some new services. They have been confirmed as follows:0200-0300 Pashto 17820,15255,6230,4450:0300-0330 Baluchi 17820,15255,6230,4450;0930-1030 English 21460,15255,6230,4450;1930-2000 French 15077,7200. BBC MS 1/9 VOICE OF GREECE S-83 Partial sked: 0000-0150 & 0200-0350 9865, 9420, 12085; 0400-0450 7370,9865,9420;0500-0615 9855,7370, 9420;0630-0730 9855,9420;0800-0850 9855, 9420;0900-0950 & 1000-1050 15630,17565; 1800-1850 15630,17565,11645;1900- 1950 9420,7370,11645;2100-2150 7370,11645, 9420;2200-2350 9460,12085.

WRTVH-NL 9/83

Arthur Cushen's Shortwave Review

An excellent signal from Voice of Free China 17890kHz would indicate that they are now using new 500kW transmitters, while a special programme to be broadcast on Sunday, October 23 will interest New Zealand listeners. This is part of Radio Monitors International produced by Adrian Peterson and broadcast from the Sri Lanka Broadcasting Corporation at 1100GNT, with 11835kHz giving the best reception, and contributions from the League and the DXRA will be included. New programmes for Media Network broadcast on Thursdays at 0750 on 9715 and 9770kHz with an American input are expected shortly according to a postcard received from Jonathan Marks in San Francisco. The new S transmission period is now in operation resulting in some minor frequency changes.

All times are GMT, add 12 hours for NZST, frequencies in kHz.

ALASKA: KNLS opens 0900 on 9620 with a lengthy English announcement indicating power is 100kW, Broadcasts are in Russian and Chinese and transmissions are in the 31 and 49 metre band. After Glen Miller's 'In the Mood', announcements continue in Russian with popular music to 0930, then a Russian Gospel programme. At 1200 a frequency move to 6170 is made also providing fair reception and at 1600 Russian identification noted, followed by gospel programming. Some interference from a Russian Home Service transmitter which uses this frequency up to 1800 sign-off with Moscow clock chimes and anthem.

BELGIUM: BRT Brussels, English 1910-1930, 2010-2030 5895, 15590; 2200-2245, 2300-2345 5895, 11975; 0030-0115, 0130-0215 9880, 11620, effective to November 5.

BRAZIL: Radio Bras transmitters used to relay VOA 0100-0300 on 15390 and 17870.

ECUADOR: Guayquil de Emis 4790 music 0950, anthem 1000. Guayaquil CRE 4656 sign off 0430; HCJB changes to North America 0030-0130 15250 ex 15175, to Europe 0700-0830 9655 ex 9720.

FINLAND: Helsinki heard with new morning programme at 0630 to Europe 6120 and 11755, in English.

GREECE: Athens strong signal on 9855 opening at 0500 in Greek.

GUAM: KTWR English schedule changes 2330-0015 11715, 0847-0930 11840.

KOREA: Seoul KBS 5975 English news 1600, music from Korea 1611.

KUWAIT: Strong signal with Arabic identification 0500 then news.

TAIWAN: Voice of Free China, Taipeh excellent on 17890 with English 2200, also heard broadcasting to New Zealand at 0300 on the same frequency.

THAILAND: Bangkok 9655 heard with English at 1130 with Mailbag on Wednesday reception difficult.

UNITED KINGDOM: BBC World Service from September 25 adds 7320 1700-2115 up to March 24 to New Zealand. Other transmissions are 1800-2200 9410, 11750, 15070; 0600-0915 7150, 9640, 11955, 15070; 0900-1115 11750, 15070, 17705, 21550. 'Waveguide' the BBC programme of news about frequency changes and information from the BBC Monitoring Service is broadcast Monday at 0915GMT, with best reception on 11750kHz; with repeats Tuesday 0100, Wednesdays 0430, 1735.

U.S.A.: WRNO New Orleans has been heard on 6105kHz at 0600/and the full schedule is 1700-1900 17775; 1900-2200 15420; 2200-2400 11950; 0000-0300 9705; 0300-0500 6185. Weekends transmission extended 0500-0600 6185; 0600-1200 6110 (actually 6105), 1200-1400 9715; 1400-1700 11940.

USSR: Kiev, Ukraine English 1800-1830 7175, 9560, 11880; 2330-2400 9685, 11720, 15180, 17860, 17900; 0200-0230 11720, 11770, 15180, 17800, 17900. From October transmissions will be one hour later and some frequency adjustments will be made to this schedule. (WRH N/L)

With MICHAEL POLLARD of Wellington

WAVE BANDWATCH

nother Bandwatch. Still plenty of Latins and Africans featuring reports - must be going to be a late Spring this year! contributors this month - perhaps short deadlines, examinations anting getting in the way. I look forward to hearing from you ch.

the best of my knowledge I am not related to Dick, but 73s to it Nelson way - I must visit the area sometime soon.

O Graeme Pearse from Masterton, good to have the Wairarapa by our reporters.

STATION & RECEPTION DETAILS

INITS

PAPUA-NEW GUINEA R.Enger. Weak but readable 31/7, more recently however just a carrier evident.

OC VENEZUELA R.Mara. Very weak, SS talks & full ID 1030. Bad ute QRM

OC ECUADOR La Voz del Napo. Fair in SS, used LSB to separate from noisy ute on upper side.

OC NEW CALEDONIA Noumea. News, good volume but only fair copy.JW ECUADOR R.Iris. Good signals in SS w/music, reg to 17/8. OC

ECUADOR R.Zaracay. Good, SS ID 1040, mx & commercials. Bad het, not regular.

OC NORTH KOREA R.Pyongyang. OM & YL reporting in F/L, station ID clear. Reception very poor // 9745 poor, 9977 good, 11830 poor, 11880 clear.

ECUADOR R.dif del Ecuador. Hrd w/SS music, off 0430, Tiwai.LR INDONESIA RRI Ujung Pandang. YL speaking, weak but clear.NS PERU R.Inca del Peru. Still hrd with good sigs, anthem and

s/off 0600v.

OC
NIGERIA R.Kaduna. Drum int-sig, t/s 0600. Good, local prgmg.JS
ECUADOR R.Sistema de Emis HCVP2. Music till 1000, then s/on
with anthem.

AC
CAMEROUN R.Guala. Good sig, uses Cameroun intsig w/EE & FF
news. 18/8 mostly covered by 4790 Peru/4800 Ven & Ecuador.OC
GABON Africa No.1. Good in FF with music prgm.

COSTA RICA R.Reloj. VG level w/full id as "Radio Reloj". JS
SENEGAL Dakar. Good w/FF music & talk prgm.

LR
BRAZIL R.Relogio. Fair in PP, not hrd at good level longtime.OC
AUSTRALIA VLM. Good. Prgm on relations w/Sri Lanka.JW 1015 NS

NIGERIA Lagos. Good w/Home Svce prgm & native music. LR
BELGIUM ORU. Dutch to 1815 then EE. Heavy bc & ute QRM. BW
NICARAGUA. Good with general mx, talk in EE prgm. BW
WEST GERMANY DW. VG in EE. Prgm on constitutional law. JW
MONACO TWR Monte Carlo. Good sig in GG, but times irreg. BW
UNITED KINGDOM BBC. Big Ben, talks. 'ULster Newsletter'.

Clear but noisy.

Clear but noisy.

NS
PORTUGAL Lisbon. PP to Europe, Nx & mx, poor // 9605 better.NS
AUSTRALIA RA. Musical prgm, latest albums. LOud // 6080. NS
PERU R.Nacional. Good w/YL, full iD after VOA s/off.

PO
ECUADOR HCJB. Fair but co-channel QRM severe times. EE. BW
EAST GERMANY RBI. Fair in Danish but co-ch mod QRM mixed.BW
CANADA RCI. News, signoff, at good level.

UNITED STATES WYFR. Bible study, singing in EE, good.

GP

WEST GERMANY R. Bremen. Fr-good w/pops. Logged at Tiwai. LR

FREO UTC STATION & RECEPTION DETAILS TNTTS VATICAN V.R. Music & cmtries in F/L. Intsig 1830 then mass? very 6250 1815 clear, also // 7252 & 9625. 6843 0604 EL SALVADOR (tentative). Strong overmodulated sig, much martial mx and haranguing in SS, much about "El Salvadore". Freg IDs but not very readable, 4/9. 7160 1725 ASCENSION ISLAND BBC. Interview w/songwriter, book choice. Clear.NS 7170 0830 NEW CALEDONIA Noumea, Weather in FF. mx & singing, Clear // 11710. 3355 and 666 (latter very noisy). 7235 2030 ITALY RAI. Fair w/EE news to Europe. 7260 1900 EAST GERMANY R. Berlin Int. V strong in GG, nx cmtry, pops. 1705 to Europe in EE: Nx from Socialist World, Fair, whistle. 7270 0630 POLAND R. Polonia Warsaw. Fair in EE w/nx, cmtry & culture // 9675 and 6135. 7300 1945 EAST GERMANY RBI. Heard in Danish. ORM. UKRAINE R. Kiev. Unannounced but best freg this hour in EE. 7320 1800 7335 1640 CANADA CHU Time Signal Station. Strong but distorted signal. NS 7345 2139 CZECHOSLOVAKIA R. Praque. YL end of nx in EE, ID. Gd but noisv. JS NS 9480 ALBANIA R. Tirana. Good with EE program, talks. 9525 2200 NORWAY RNI Oslo. Fair with "Norway Today" in EE on Mondays. 9530. 1050 UNITED STATES AFRTS-Bethany. Biography of Merle Oberon. ID, fair.NS 9570 1110 SOUTH KOREA Kimje. YL anncr, nx & cmtry in EE, weak but clear. 9590 0120 WEST GERMANY DW. Comments on attire, then "Science Report". Vg. 9605 2030 PORTUGAL Lisbon. Good in EE to Europe, FF at 2100. 9612 INDONESIA RRI Jayapura. Fair-good w/local mx & talk prgm. 9625 2015 VATICAN VR. Strong at opening in Portuguese. JS 9640 0700 UNITED KINGDOM BBC. News in EE, fair. SPAIN SFR. SS scve to Australia & Indian O.Music, then timepips & 9650 0845 ID 0900 // 11730. Fair but noisy with QRM 9655 1140 THAILAND Bangkok. EE prom with Mailbag on Wednesdays. 9665 1900 AFGHANISTAN Kabul. Difficult copy in EE w/ORM - resolved on USB. JS 9670 UNITED STATES VOA. Cmtry on landing of Challenger shuttle, good. TR 9675 1900 JAPAN R.J. Sign on w/news in English. good. 9695 0930 BRAZIL Manaus. Fair with music and many idents. 9720 0745 ECUADOR HCJB. EE to Europe, fair- good. 'World Topics'. 9720 0442 SWITZERLAND SRI. "SW Merrygoround" to N America in EE, vg level. GP 9730 2200 TURKEY R. Turkey. S/on w/news in EE. Good strength, mailbag Suns.LR TR 9735 1000 PARAGUAY. R. Nacional. Fair-good w/local mx. LR Open w/full ID and 9765 2100 WEST GERMANY DW. News in EE and 'Dateline'. Good signal. 11600 0923 CHINA R.Beijing. "Culture in China", interesting opera. VG in EE. // 9860, 15195, and 15435. 11620 2300 BELGIUM BRT. Good level, opening in Dutch. 11620 2155 INDIA AIR Delhi. Indian mx, ID & news. V clear, // 11755 pr, 15110 poor, and 9912 good. 11645 0025 ISRAEL Kol Israel. EE news & world topic. Bad jamming @ 0300 Hebrew.GP 11655 ISRAEL Kol Israel. Good with news & current affairs prgm. 2230 LR 11665 AUSTRIA Austrian Radio. VG with "SW Panorama" in EE, Mondays. 11700 2048 VATICAN V.R. Fair with EE religious news. AG 11705 0415 FRANCE RFI. Good with news in EE to Mediterranean. WEST GERMANY R. Free Europe. Strong sig w/news in Polish. 11725 TC 11735 GUAM KTWR. Very good signal. Transmission in Manadarin. BW 11755 0300 TURKEY Ankara. English to 0400, also on 9730. AC. 11770 2150 AUSTRALIA RA-Shepparton. Reports, to E Asia & Pacific, clear. NS. CANADA RCI. Closedown, good strength. 11775 0700 11800 0800 PORTUGAL Lisbon. Int svce in PP to Europe. Fair signal. TC 11820 0900 US-ALASKA KNLS. Good at s/on with 'Charlots of Fire' theme then full

EE ID, RR ID and Glen Miller mx. PO. 1056 fair, RR ID.

6

AVE BANDWATCH

		1886
ATION & RECEPTION DETAILS	4843	INITS
AM KTWR. Children's relig prgm. Address for New Delh RMANY DW. News in EE, then top song in Germany. Lou ECHOSLOVAKIA R.Prague. Asian & Pacific svce. Press relation	dd // 17 review, noise or nanish". dent et ''. VG L. Ed).ID	780. NS vg in EE.Ju TR QRM. NS JW c.Good.NS GP JW NS
EECE Voice of Greece. 'Thumping signal'. news in Gre GARIA Sofia. Fair in FF, EE 0730 to W Europe // 956 STRALIA RA. Band music, very good signal // 15160. 'THERN MARIANAS Saipan KYOI. Top Ten (EE pops) very WAY Oslo. "Norway Today" in EE, good. TR News & spo RTH KOREA R.Pyongyang. Good signal in FF to SE Asia. 'TH KOREA R.Pyongyang. Fair in EE with news & propag ST GERMANY R.Free Europe. Good in Czechoslovak. 'STRIA ORF Vienna. EE to A & NZ. Good-fair; varies fr ST GERMANY DW. African svce. 'Man & his Environment' 'ADA RCI. African svce. Talk & mx in FF. // 17875, b WAY RNI Oslo. Poor-fair in EE Mons. // 15175 better VAIT. Koran prgm, fair // 15500 loud and clear. 'MM KTWR. Fair sig in Mandarin but unstable at times. 'ST GERMANY R.Dsvobozhdeinye (R.Liberty). Strong tho 'ITED KINGDOM BBC. News about Britain. Also 1042 wk w 'ANCE RFI. YL annor in FF, musical items. WEak but cl ITED STATES AFRTS-Greenville. NPR news. Loud and cle //IET UNION R.Moscow. News in FF, ID, very strong. // VAIT. Music prgm. Fair to good signal. 'AAIN R.Kiev? Meeting of reps from Afghanistan & Pola //IET UNION R.Moscow. News, W/S ID, 'Newsreel'. Not s INA R.Beijing. Classical mx, CC annomt, het whistle.	o 9700 strong. rt in N anda to om day , vg in oth fai . jammed /Press ear. ar. 15470. nd. Goodtrong,	11720 TC JW GP N. TC TC SEA. TC TC to day.GP EE. JW r. NS AG NS BW in RR.TC review.NS NS N
ST GERMANY R.Free Europe. Fair in Bulgarian thru jam RWAY Oslo. Heard w/English on Sunday on this new free PAN R.J. World news, very good in English. [WAN VOFC. Good with EE to N America.] [ITED STATES WYFR. Bible readings in slow EE, vg. SS. GARIA R.Sofia. World Topic in EE, very good to Afri TZERLAND SRI. 'Dateline' in EE, GG at 2215. Good si RWAY RNI Oslo. Strong w/'Norway Today' on Suns. [WAN VOFC Taipei. Strong sigs on new tx w/English ID MENIA SSR R.Yerevan. Fair w/5-min EE tsmsn. ID 'This TED STATES VOA-Bethany. Strong in French to Africa. /IET UNION R.M. Discussion on status of women in USS LIPPINES FEBC. Gospel prgm w/Heritage Singers. Weak /IET UNION RM. News in English, strong. [ITED STATES VOA. Breakfast Show, poor // 21460, ditt PAN RJ. World nx, considerable QSB, fair in EE. JW O STRALIA RA. Jazz w/Jim McCloud. Good but fading. NS. Ty good // 21680, 21740 JW	ming. quency. @ 0300. ca. gnal. then no is Yero R. VG in signal 0.	TC AC JW AG GP GP TR AG ews.AC evan'.JS JS NS NS NS NS JJ lessonNS
ITED STATES AFRTS. News in EE.TR.1045 Baseball, PSAs	. Poor.	NS



With TONY KING of Wellington

BILL PEARSON, Wellington says " Several vears back I purchased from the ARDXC the Australian Utility Radio Handbook, Mention within the book was made of updates being published. I assumed, having received the handbook, that updates would be sent automatically, but none have been received or notified about. Has any DXer ever received any ? A letter sent to the ARDXC months ago has not been replied to.

MIKE BROOKER, Brightwater, Nelson asks: "Could some kind person give me full details of the function and use of the 'ATT' switch on the Yaesu FRG7, which is marked DX NOR and LOCAL. I have switched to all three positions and the only material advantage seems to be the central or NOR position. Any help appreciated, and all mail will be replied to." (Interesting, Mike, as I make the same observation and can see no practical use for this ATTENUATION switch. See the following letter.) Mike Brooker's address is P.O. Box 60 Brightwater, Nelson.

ADRIAN VERRY, Lower Hutt, would appear to be the FRG7 owners friend as he has sent us seven pages on useful mods you can make to your receiver, and I would suggest anyone seeking mod. info write to Adrian at 52 Athlone Crescent Lower Hutt. To quote from Adrian's letter to me after I quipped last month that I'd like to put digital readout on my FRG7. "Details can be found in a good article in Short--wave Magazine, Dec 80 and Jan 81. Circuitry mods include a phase locked BFO connected to the readout circuitry to give negative drift, and switched narrow IF filter. Components are readily available frequencies. Operates of 6 volts. I'd in N.Z. Main chip is an Intersil 7217.

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

CECIL SYMMES. Wellington sets the scene this month with the observation that " In the last five to ten years a number of proposals have been canvassed in the pages of the Times for the introduction of new competitions, other means for dealing with this and that. Various editors comment and state they are consulting others and that is the last anyone ever hears. Couldn't someone carry matter through to a conclusion and perhaps tell us why what may seem to be a good idea never gets carried through to that conclusion?

> I can provide the design for a PCB. If anyone contemplates putting digital in. I would opt for the made up hoard ready to go available in UK for about \$20. (\$20 or £20 Adrian. Is this the Time Step one in Practical Wireless ?) The advantage of digital is that you can get down to 100cyc. Disadvantage is the higher battery drain if you are operating the set on batteries. Fitting is accomplished by removing the KHZ dial drum and fitting a base plate of aluminium onto which the digital readout board is fitted. The LED readouts are fitted on a board which is placed over the Khz window just below the S meter. This readout is suitable for any Wadley Loop type receiver such as the BW, Drake SSR1, Racal R17 and the Deltahet designs. The articles I have based my comments on come from Shortwave magazine which is available through the National Library Service. The article was "Digita" Frequency Readout for the Yaesu Musen FRG7 Receiver (Robert Dawson.) Ask for photo copies. To do-it-yourself in NZ it will come out at about \$60, so the built up version is a good buy." Many thanks Adrian - I'll give you a call shortly, while you wade through the mail from other FRG7 owners."

And while on the subject of digital readout has anyone used the Reltech-Thurlby FM77T frequency module, available in UK for £20. According to the brief it's a complete frequency module only 60mm x 38mm x 10mm; will display at 1Khz rises to 3999 Khz, or by prescaling to 399.99 mHz. Select any of 26 IF like to fit one to my MW portable !

lic Relations Officer Arthur on Street Invercagill for 11.enrolment forms.sample copy c other DXing information. .T.Rose.230 Morningside Road

ishbrooke. Unit 1, 19 King St.

Benzoni.Flat 6. No.6 Stanley Library of University of

. R.J. Talbot'. 109 Carrington St.

J.H. Searle, 2 Shrimpton Road Bav.

.Pearce. 31 Hillcrest St.Mstn. Brookes. 2 Nichol Place Wanganui . Mr. D. Hughes. 12 Stephens

. N.H.Sturgess, 11B. William iorus .

. Gardner, 5 Bharat Terrace ington.

Stewart, 37A Merrin St. CHCH. L. Cattermole, 213 Scott St.

lishall, 176 Waimea Rd. Nelson. Gilmour, 3 Fernhill Place nouth. ilker, 7 Meon St. Camaru.

iller, 55 Falcon St. Dunedin. 1. Winter, 549 Tweed St. Invgl. od anyone please let me know.

I cannot include what you do et's hear from all of you. orts two new members Welcome ; and Jack Dukeson both of 73's to you both.

ls in hospital for Jim Benzoni mateur Radio by David Munn · activity in Hamilton, but it y can get together again. They hers to their area.

:ld at Patron's home. 14 mbrs. ologies were received. A number re who enjoyed a social eyng. atron's wife Mrs. Crawford. port Bob Dunstone said that a 1 the use of the Tiwai listen's its and 523 verifications this to 450 last year. He reported nce sheets for the year in mse of installing solar panels

es who are interested in short #Southland contd. at the listening Post. ning, --- DXing to the initiated The Patron, Owen Crawford asked to be relieved rtacts are as listed below. You lof the responsibilities of this office. which ich with vour local contact or the has held for 9 years .. Bob Dunstone and Eric McIntosh maid tribute to Owen Crawfords association with the Branch, and the help he had extended to all. A token of appreciation was presented to Mr. and Mrs. Crawford. Election of Officers . President: B. Dunstone. Vice Presidents: A.Williams and N.Parry. Secretary: R. Winter. Treasurer: E. Mc Intosh. P.R.Officer: A.Cushen. Stationery Secretary: L.Robinson, Auditor: D.Carter. During the following Branch Meeting members listened to tape recordings of interviews had by Leo. Miezenbeek during his recent visit to Radio Nederland. Competition Results : Best of month to M. Nicholls with KCRG. Cedar Rapids USA on 1600 kHz. Merit to N.Parry with KHVH. Honolulu on 990kHz. Shortwave over 9mHz. to L.Robinson with Sweden on 15270 kHz., under 9mHz. to P.Aronsen with Falklands on 3958 kHz. Future Branch Meetings: (visitors welcome) 27th Sept. R. Dunstone, 25th Oct. S. Greenver. 28th Nov. E.McIntosh. The evening closed with a delightful supper and a raffle (for what!!! ed.) was won by Richard Lobb and Ralda Cushen.

> Auckland The branch AGM was held recently, with 14 members present and 6 apologies as a result of sickness. New Chairman is Ron Johansson, V-Chairman is John Sohot, Tom Rushbrooks remains Secretary, Jim Gorman is Treasurer and Barry Williams is Committee Member. Outgoing Chairman Bryan Marsh was thanked for his work over the past year, and Annual Trophies went to Bryan Clark (Mediumsave Shield) and Jim Gorman (Shortwave Globe). The regular monthly meeting welcomed 3 visitors and competitions were Shortwave Over 9 to Jim Gorman with DWelle wia Malta 15105 khz 250kw: Mediumwawe to Bryan Clark with KCNN San Diego CA 1360 khz 5kw and Movice to Ron Johansson with MERF Ciudad Acuna, Mexico 1570 khz 250kw. All inquiries to Tem Rushbrooke (ph 279 8348 in evening/weekends only)or write: Flat 1, 19 King Street.Papatoetoe (SAE required please) Wellington a reminder that the next meeting is October 14 at 52 Dowling Grove, Silverstream at home of Denys Peck (ph: 282 343). Otago members are welcome to meet with RA members at a combined SPARC meeting at 8pm on 3 October at 14 Tedder Street, St. Kilda. Contact either Ernie Nivem (54 491) or Wally Singleton (737 573). League Contact is David Miller, 55 Falcon St, Dunedin (ph: 777 456). More news next month: 73's

Hi folks! Mark is having a busy month with DXpeditions to Waianakarua. visits to Taupo and Wellington so your suntanned Chief Editor has agreed to put the page together for him! We have some interesting increases this time around, but some people have forgotten to update their entries! Remember .. this is a listing ... and not a competition. Here. all the emphasis is on quality and not quantity. Make sure you join us again in January! An asterisk (*) alongside the Pacific total indicates that a verification is held for Antarctics.

BROADCAST	A/NZ	Pac.	S.Am.	C.Am.	N.Am.	<u>Eur</u>	Afr	<u>Asia</u>	Cnt	Total
Arthur Cushen	650	126	32	90	1073	134	29	457	153	2591
Keith Robinson	670	106	26	68	1190	110	8	278	118	2456
Laurie Boyer	430	62	4.	27	1036	278	- 31	182	122	2050
Ray Crawford	611	106	74	65	326	114	43	398	171	1737
Eric McIntosh	603	78	L _k	6	324	64	6	134	95	1220
Chris Martin	203	66	11	46	259	79	43	152	156	859
David Ricquish	392	89	6	15	195	6	•	49	63	752
Barry Williams	201	32	4	15	236	19	7	105	73	609
Bryan Clark	167	68	41	43	188	27	6	42	102	595
Paul Ormandy	233	43	15	15	125	14	-	36	72	483
Michael Smith (NI)	98	27	2	9	127	5	2	19	47	289
Lindsay Robinson	187	24	4	F	37	3		15	29	275
Jim Benzo <u>ni</u>	177	17	∭ 1 81	3	48	 .		10	25	259
Mark Nicholls	121	11		2	46	-		4	18	184
Gunter Jacob	1, 7. 1	-	-		6	165	4	3	35	178
SHORTWAVE	a/nz	Pac-	S.Am.	C.Am.	N.Am.	<u>Eur</u>	Aîr	<u>Asia</u>	Cnt	<u>Total</u>
Arthur Gushen	307	397**	481	246	383	1956	541	1135	275	5448
Barry Williams	76	77	117	64	208	640	520	543	220	2265
Ray Crawford	121	72**	221	89	142	7hh	184	428	189	2001
John Durham	84	461.50	97	72	152	707	156	370	206	1699
Bryan Clark	142	52**	82	40	129	475	287	208	217	1410
Gunter Jacob	147	9	126	39	88	589	151	252	137	1401
Laurie Boyer	114	73	77	8	131	366	85	151	_	1006
Paul Ormandy	56	40	53	32	73	401	126	171	191	960
Lindsay Robinson	76	63	59	25	130	364	63	165	127	935
Eric McIntosh	77	82**	45	13	127	208	69	118	123	739
Jim Benzoni	57	46	30	30	77	225	43	124	112	630
Paul Schnell	5	8	14	5	6	63	L.	30	52	135

Best Asian QSLs: Mediumwave: Arthur Cushen VUS Shillong, India 1460 khz 50 watts; Bryan Clark Aden 1241 khz 10kw; David Ricquish AFKN Kunsan 1440 khz 1kw; Eric McIntosh FEW Kyushu, Japan 1530 khz 250 watts; Keith Robinson JOBS Kushiro 1340 khz 100 watts; Laurie Boyer AFRS Subic Bay 1300 khz and AFRS Camp John Hay 1520 (Philippines) 100 watts. On Shortwave Arthur Cushen with XZZ Rangoon, Burma 3488 khz 100 watts, XRAY Peiping, China 400 watts (1947); Bryan Clark Bhutan 4690 khz 300 watts.

Continents makes its return in January 1984, edited from Queenstown by Mark Nichells and with the featured Continent being Australia and New Zealand. Sort your GSLs out now and have your entries in for the next round! 73s....DAVID RICQUISM

RADIO MONITORS INTERNATIONAL The 7th Annual RMI DX Contest results have recently been announced, and congratulations to the winners from Australia, New Zealand and Argentina: Andrew Elwell of Sydney came 1st after a determined effort which included co-inclding his annual vacation with the contest period. Mr C A Almiron of Bahia Blanca, came 2md, and submitted his entry in Spanish. And Douglas Doull of Anckland was named 3rd. therefore maintaining his place as a frequent winner in this contest. The most popular BK club program was that of the ARDEC Melbourne as aired over various stations, with WADX of Colombo, Sri Lanka having the second most popular DK program.

ISBORNE has been two Auckland FM anga and Cambrisults using a enna. From home vertical antenna ipment used is a man receiver with enna 25ft high.

KLAND report to 1d Radio) 92.75. s true what they

MOANA 1 Rad) nfo.

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a n. UST on r two 18 and loc-Peak. ock . or C/-

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PAUL ARONSEN, WALLACETOWN has logged while in Australia 2DAY 104.1. 2MMM 104.9.2CBA 103.2 2SER 107.5. 2NCR 92.5. 2SER 107.5. 4MMM 104.1. 4MBS 103.3. Veries from 4MBS. 2SER. 2DAY & 2MMM. Wish I had the time to make some loggings when I was over there last summer. Thanks for the stick er. Will use in the future.

BRYAN WEBB. UPPER HUTT has QSLed Te Reo o Poneke 89 FM using a ppc. Verie Signer was Philip Walker

BILL PEARSON. WELLINGTON has OSLed Radio Active and while in the States KIQQ, KOLN, KBIG and KLON. Good luck with LA next year.

"NZ TIMES" via FRED HUMPHRIES (21/8/83)

Concert programme to carry commercials

By ROSEMARY VINCENT

THE commercialisation of the YCs is a fait accompli.

The Broadcasting Tribunal will hear submissions from those opposed to the horrors of concert programme advertising on November 2 in Wellington - but Radio New Zealand controller of programmes Beverley Wakem says the proposed move is a Government directive and will go

Report

"The tribunal will give effect to the directive. But it will consider a number of things, like the time allowed for advertising. The Government has suggested up to six minutes an hour - the tribunal might well decide on less."

The decision to commercialise followed the tribunal's own report on the introduction of FM into New Zealand in 1981. The report recommended extending the concert programme to provincial areas not at present receiving it, by the use of FM.

Progressive conversion from YC main centre stations to FM transmissions should then follow, the report

The Government accepted the recommendations, but some thorny questions then arose - like when all this could happen, and how it could be paid

In the light of increasing costs of non-commercial broadcasting services, the continued freeze on licence fees, and fluctuating advertising revenue in a depressed economy, the Broadcasting Corporation's first thought was that the whole thing might be quietly shelved.

"But" says Wakem, "it was Government policy, so one had to at least make an effort."

On 1982 figures, extending the YC service would have cost between \$2 and \$3 million, excluding labour which would have called for another \$4 million or so. The BCNZ pointed out to the Government it couldn't manage without some other form of funding and thus was born the decision to go

"We always expected trouble, and there have been a lot of objections," Wakem says.

Fears

"But the fears of the objectors are largely groundless, and were raised to some extent by my own statement that the concert programme would be

"This doesn't mean hysterical ads accompanied by pop music and clashing cymbals. It means simply lighter classical music during the day, when most people listen to the radio while they're doing other things.

"Our audience research has show listeners want light classical music and we're holding more surveys t make sure we don't give people what they don't want.

"One thing we know they don't want is commercial station-type advertising. What will be done is probably corporate sponsorship segments corporate image advertising, and such product advertising as is consistent with the concert programme audience

Spoken

"The ads will be straight spoken copy, mainly presented by continuity announcers. They certainly won't be interrupting the movements of a symphony, or anything like that."

Wakem said the feelings of established YC listeners were understandable - but people in provincial areas who couldn't get the concert programme were generally taking the attitude that if FM commercialisation was the only way to get this programme, then so be it.

"The important thing to remember is that the concert programme is the concert programme is the concert programme. Its nature won't change - it couldn't, without major policy changes agreed to by the BCNZ board," Wakem

Broadcast DX

With PAUL ORMANDY of Oamaru

Greetings everyone Melcome to vet another enthralling instalment of the Medium Maye pages, although our number of contributors is (temporarily) down. I quess a lot of you have been catching your breath prior to what I beleieve will be a very good Yank season. Every evidence of that prediction was noticeable when Mark Nicholl's and myself recently spent a week at maianakarua, in fact 100+ North Americans were heard!!! To des everyone inthe sofrit of Summer DX, a feature of U.S.A. stations will appear in the Nov/Dec wax rimes listing more recently recieved and more regular stations. A feature of the Trail this time is the DX of David Ricquish, who managed to find off the wahines long enough to compile a list of stations heard. whilst holidaving on the New Caledonia "Dxcursion". This shall take the place of our "Fini-Trail" but blease remember that the tarnet for our next will be South Australia. So. everyone, lets get out and list those '5' calls. Also, start planning those "DXpeditions" now, the hols are only two months away so get out those A.A. handbooks and look for remote motor camps well away from the noisy cities, local stations, high-voltage power lines e.t.d and rewards will be there for the taking. Now lets dive in the deep end.

Paul Schnell, Palmerston North Has reports out to KDBY 1560 and HJEE triunfo de Boyaca 1380 (od luck) with a lone OSL from Rhema 601 You had better arrange for some SS lessons from that friend of yours Paul, then look out Latins!

Lyall Mathieson. Morrinsville

With only two logs this time i.e. 2XR Ruapehu Radio 1125 and 5PA with two CSL's 78U and KTRH 740. Try listening around 1000-1800 for some of those '8' calls.

Keith Robinson, Invercargill

Has reported Eupafiti 621 and verified 38PH 1629 HJ7T R. Fantasia 1550. You should have listed HJZI in the BON Keith. You'll be busy logoing this summer!

Lindsay Robinson, Invercargill

Has sent them away to 2XR and KUHL 1440 with rewards in from 3CV 4GR 4GG 3CS plus a hand full of car stickers. Yes. I wish you all a safe journey up.

Brian Webb. Upper Hutt

Keeping the dials turning with logs of 2XR 2XC 1233 8TC and WVUV. Veries to hand from KNX 1070 1XB 2MG 20N 40D and 7ZL.Brian reports that the gueried freg. of 2ZD was 846 Khz. Bet you wish they would on off all together some times!

Paul Aronsen. Wallacetown

Has been getting amongst the GER's with loggings of 2UE 2KY 2GB 2UW 4KQ 4IO 4GG 4BC 4NA 48H 21M 4RC 2WS 4HI 2RE 4MB 4ZH 2NX 4BK 4CD 4GR 4GY 2MW 4SB 200 2QN 2NM 4VL 2KD and 2PK and not suprisingly has OSL83 from 2UE 2KY 2GB 4GG 43C 4NA 2TM 4RO 2WS 2RE 488 4ZR 4GR 2MW 4SB 200 2QN 2NN 4VL 2KO and 2PK. These were all logged en route from Sydney to Boyne Island and incurred a dose of writers cramp. Hope that you had a nice holiday and that you will come to Camaru.

Jack Searle. Haumoana

No new reports out but one back from YJB1 Vanuatu 1125 who Jack comments must have the fastest postage in the world. The OSL arrived 050983 bearing a postmark 300983!!! Good joke, wouldn't go down well with our friends across the pond!

Arthur Cushen, Invercargill

Keeping up the good work with reports out to 2XR KGUM Guam 567 WQXI 790 (great!) XEXE R. Hit 1490 and HLSR 1170 with reclies from JOLR 738 and KVAN 1550. See ya AGM!

Bill Pearson, Wellington

Veries recently recieved from Rhema 601 1XR and 4XT and whilst in the States and Europe KFRN 1280 krla 1110 R. Forth 1546 LBC News 1152 SBC Wales 882 Chiltern R. 828 (Luton) 792 (Bedford), R.Newcastle 1458 Mercia Sound 1359 R.Aire 828 R, Medbury 1035 and R.Lincolnshire 1368. Bill re-introduces himself as a long-standing member. Still doing a spot of Utility DX Bill? Welcome back report often.

Alan Gilmour, Greymouth

No reports out but one in from 4XA 531 (I can envisage DR turning red) and a long-awaited reply from New Hebridies for a 1980 report, Better late than never. Read David Ricquish's agonizing wait for KMTH a few months back. I myself had to wait -36 months for 4ZA!!



<u>ciclend</u>:

two with a solitary QSL from Vanuato 1129 but a promise of more tham Island's mid-September. I shall reserve a page for you.

nird postic and seventh letter opener still has them rolling in from 60 KRUC 1340 kMBI 1330 WKIY 560 WEEF 1430 WRIK 1370 278 KAPY 1290 1482 WBEE 1570 KQRS 1440 KTGG 1090 KTYN 1430 KTNT 1400 KARY 1310 1280 KTXX 1450 KUPL 1330 KERR 1070 KVAN 1550 KRGO 1550 KORE 1050 920 CHUC 1450 Vanuatu 1125 KCCS 1220 KAGO 1150 KUGN 590 KLTZ 1240 1470 KQDI 1450 KSEN 1150 CJIB 940 CKEY 590 RFI Rennes 1404 DDR 1575 KMWX 1460 and WDKY 920. Along with loggings of KQWB 1550 2BX and 7RPH eresting to know how you went about making all those logs Laurie.

Queenstown/Waianakarua
a week at ye ed's crib, inbetween hacking down broom and gorse, mothcooking my meals, found time to log the following; At Queenstown;1600 2MW 2KY 2RPH 2ZE 2ZM 3ZB 2ZK.At Tiwai WQXI 790 2XR 3MA 2AP 540
k; KPRC 950 KBBQ 1590 KMOX 1120 KRVN 880 WLW 700 KRAK 1140 KGYN 1210
910 WXVI 1600 CBJ 1580 OBX4E R.Inca del Peru 1280 VOA Marathon Key
FP R.Neiva HJCU Emis, Eldorados 1130 4VEF 840 OAX4U R.America 1010
n 690 KKUA 690 KIKI 830 KSSK 590 KGU 760 and was rewarded with 3ZB
4X0 4XA 4XC 4XE (while 4XC off-air) YJB2 1125 KUUX 1460 CJVB 1470
Cayman Is. 1555. Yes, certainly was worth while.Will send you an earX??? 1440.

amaru/Waianekarua
nditions much to my liking and managed to log the following, CFCN
WOW 590 OAX1C 1520 HCC55 R.Calidad 1444 HJJZ R.Vision 1310 KLVI 560
ida 1560 KIXZ 1560 KGST 1600 KYOS 1480 KBBQ 1590 KSO 1460 KB0I 670
senta 1160 HJEO 1190 JOAK 594 Caribbean Beacon 690 KHYT 1330 OBX4G
HJBS Punto Cinco 1490 KCOK 1270 WXVI 1600 KHEI 1110 KNUI 900 KOHO
ardot 1140 KOLT 1320 KSFO 560 XEVOZ 1590 OBX4E 1280 XEWE 1420 and
SL's in from WIOD 610 YVOC 780 KDWN 720 and HJDL R.Cristal 1140.Well
en I will get all those out as we are shifting house very soon, I
to stop watching TV for a while.

TH***BES: OF THE MONTH***
Islands
z 10Kw
ints

icholl's RTHUR CUSHEN which has been operating harlton Rd. Gore will move itter at Dacre with 5Kw. ll and this higher power lly opened on Thursday 3p.m.4ZG will then be nsmissions from the Dacre by 4ZA 864 and 4YZ 720. The a lot easier. main in Gore and the prosimilar to oresent. That 805-2300 Sun.-Ihur. then a 0000 and continuing the 1200 and, Sat, 2000-1200 og. From Nov. onwards they turday afternoon sports

Gore listeners will hear different ads to those on 4ZA.Thank's Arthur, if the idea of of automated ads catches on it may make verifying relays and synchronised stations a lot easier.

Now a second and very interesting article from Arthur,

SDC-2300 Sun,-Ihur, then a UPT news announces the F.C. has announced they plan to extend the operating hour 1200 and, Sat. 2000-1200 cg. From Nov. onwards they turday afternoon sports tations to sign-on at Ea.m. local time stations to sign-on at Ea.m. local time and remain on for two hours after local and automation so that sunset with the extra time providing news and information progs. Great Now for a few new States!!

BROADCAST TRAIL

EDILI LAVE TRATE: CART CAL 360 0 59 K.F. San Fransisco. C. gd w/id prior to futual nx, then local wx and LKS 2314 KLVI Beaumont, TX fr w/local sports nx and Texas Rangers promo 590 1026 JOY Cmeha. NE od w/spcits ax, world ax in brief themC&W mx 870 K301 Boise. It ad w/plenty ids and 140 mx tho severe splash from 3YA 0808 690 C2- Anguilla: fr w/ususl relig. prog //1610. Hrd one nite when 690 off-air. 0948 700 6746 Wtw Cincinatti, OH gd w/station promo and pops till Sutatenza on 0900 730 0642 08%46 3 Programs del Peru vod w/!noticias! 0645 then drama prog.till 0700 600 0800 PJG Bonaire. Netherlands antilles exc. sio all evening w/SS.PP.EE relig 840 C930 4VEF La Voix Evangelique, Haiti qd in FF mxd R. Nacional (presume HOL80) w/EE id. at 1000. This outlet not sked s/on till 1000 680 0500 KRVN Lexinaton.NE reg. sig. w/Truckers prog and C&W mx, local ads e.t.c. 910 0847 KNEW Dakland, CA fr w/id, best of mixture, playing MDR 950 0817 KPRC Houston, TX gd w/YL DJ and pops/MOR mx 1010 0450 CAXAU R. America. mammoth siq. strongest Latin by far. Usually in all eve. 1060 1102 CFCN Calgary, AB fr w/local nx & wx. YL DJ then MOR mx. mxd KPAY/XEEP 1080 0812 KRLD Dallas. TX fr u/1ZB difficult log only audible when 1ZB quiet 1120 0745 KMOX St.Louis. MO fr-qd mxd KPNW (LKS) w/talk-show. Totally dominant occas. 1130 0643 HJFP R. Neiva fr-qd w/Radio Super network ids mxd HJCC. Latter dominant 0650 HJCO Emis. Eldorados. Bogota, gd w/Grupo Radial Colombiano ids often 1140 0818 KRAK Sacramento, Ca gd w/"KRAcK" Radio ids and truckers prog w/C&W mx 0631 HJTR R. Sirardot, od w/Radio Super network and own ids. Mxd R. Cristal HJD 1160 0604 DAX4C R.Once Sesenta, Lima vod w/jingles and EE contemporary pops. 1180 1130 VOA Marathon Key, od at s/on w/version of Yankee Doodle then into SS 1190 0515 HJEO Ondas del Valle, Cartago od w/plenty ids o/MJCV.N.B.Tis now 15Kw 1210 1045 KGYN Guymon. OK ad w/full id. then nx brief. C&W mx till nx 1100 1270 0623 KCOK Tulare-Visalia, CA od w/id then Mutual nx 0630, T40 mx 1280 0518 DBX4E R.Inca del Peru. Lima vod w/"Huayno" mx and od id past 0550 1310 0646 KAAM Dallas, TX presume the one with TX sports news mxd KDIA 0454 HJJZ R. Vision, Bogota, vgd w/full id. and RCN id. 1320 1135 KOLT Scottsbluff, NE gd w/phone no. for callers "Kolt" Radio ids. Talk show 1330 0736 KHYT Sth. Tucson, AZ gd w/ads and "K-Hyt", "13K" idents (40 mx 1420 1100 XEWE R. Irapuato, fr-gd w/local ad for newspaper at s/on and 1130. Power ??? 1445 0546 HCC55 R.Calidad, Riobambe, weak but clear w/gd ids between mx 1460 0741 KSC Des Moines, IA gd w/DJ taking nostalgia trip, mx from 1940's and C&W 1460 0731 KYCS Merced, CA gd w/contemporary mx hosted by 'Lyall Bowen' plenty ids 1490 0615 HJBS Punto Cinco, Bogota gd w/relig segment then usual Colombian mx. 1520 0553 UAX1C R. Delcar. Chiclayo gd very clear, hard to beleive only 1Kw.Peruv. mx 1560-0634 XEFAJ R. Consentida, Mexico City gd w/ids and ranchera mx o/KTXZ 0655 KTXZ West Lake Hills., TX qd w/8ing Crosby medley o/XEFAJ. nx at 0700 1580 0950 CBJ, Chicoutimi, Qu.gd at s/on w/EZL-BFL mx till Anthem 0958 then id in FF. time pip and brief mx bulletin.KDAY off but using test tones. 1590 0738 KBBQ Ventura, CA gd w/C&W mx many ids o/KLIV/XEVOZ. Dominant 0654 XEVOZ R. Voz. Mexico City fr w/ad segment then ids and ranchera mx 1600 0724 KGST Fresno, CA dominant in SS w/"Radio Mexicana" ids EE/SS pops 0750 WXVI Montgomery, AL fr w/waving signal gd on peaks. B/Soul mx format That is just some of what was heard by hark Nicholl's and myself at Waianakarua. The aerials used were; 450m @ 100°, 400m @ 60° and 350m @ 340°. We found that the 400m aerial which was twice as high as the others (i.e. 2.4m) was less susceptible to powerline noise and nulled the NZers far more than the 1000 450m beverage.

540 1730 2AP Apia, fr-pr nx and talk 645 1800 WVUV Pago -Pago, gd and steady 558 1830 4GY Gympie, spasmodic mxd 4ZG 684 1550 6IC Tennant Creek, fr w/RA px
Thanks to Brian Webb for the above four items.

Late Mailbag: Andrew Gardner, Wellington has reports out to 3LO 4LM JOUB HLSA DYFX BED76 600 Kangnam DPRKorea 657 Chongjin DPRKorea 702 Chongjin DPRKorea 783 Hwadae DPRKorea 801 Sangwon DPRKorea 855 Radio Moscow/Novosibirsk 1368 and QSLs in from 3LO 4LM and HLSA. David Ricquish, Wellington has reports to be written to 4VL and 4AK both logged in Noumea.

Jailuku. Raui, fair and clear w/pops. Sked 24hrs w/some JJ and Filipin tonolulu.Gahu . fr-qd w/EZI mx. Sked 24hrs w/contemporary mx tilo. Hawaii. week w/60's poos under static. Sked 1400-1000 Honofolu. od w/MUR mx.Sked 20hrs w/MCR and Oldies ionolulu. vod w/Top 40 mx. ads etc. Sked 24hrs w/adult contemporary Eleele. Kauai. u/4YZ but audible occ. Sked 1500-1000 w/MDR mx onolulu. od w/nx-talk format. Runs Mutual nx. Sked 24hrs w/jazz mx (ealakakaya, Hawaii, fr w/ooos, Sked 1530-1000 and 1600-0800 Sundays tonolulu, vod w/Top 40 mx. Sked 24hrs w/top 40 mx Honolulu. vod at s/on W/SSB then full id. Sked 1500-1000 (Sat s/on 1600. Suns 1700 Noted w/mostly relig. prog. and different languages Kahalui, Maui, vod w/ids and EE nx then nx in Ilocano 1430. 3ked 24hrs Top 40 w/Ilocano from 1430-1600 Jaipahu. Oahu. fr-qd W/Kenny Rogers mx. Sked 24hrs W/C&W mx fr-qd w/all-nx format. Honolulu. Sked 24hrs lonolulu. fr w/talk show u/1ZB. Sked 24hrs w/C&W mx and talk Pukulani, Maui, ids as "K-Hei" od w/pops. Sked 1500(?)-1000. 24hrs now? Monolulu, all JJ qd w/talk then drama, Sked 1430-1000 tonolulu, fr w/inspirational Sked 24hrs w/Filipino 1430-1600. C&W mx Honolulu, od w/Hawaiian mx format Sked 24hrs w/10 hrs Filipino a week tonolulu, fr w/BFL mx format, Sked 24hrs tonolulu, not heard Rumour has it that this station may be off air above were heard on the 400m 3400 beverage at Waianak, I found it Thear most of the above clearly without any QRM. Even with a loop or ald be possible to hear some of the above quite readily. So next time , to hear the Lions getting thrashed by the All Blacks, stay up for as well! Then keep listening as a lot of Alaskans sign-on around 1600 ood DX and eventually good might FROM NEW CALEDONIA mpsey, job listing PSA, dominant noreach, od BBC "My Word" prog (relay 4GN 630) ange, exc. interview about work co-ops. noie, cancer PSA, pop mx, mxd nerton/Mareeba, pop/disco mx.mxd liet Creek, w/relay of 4QN local prog. llington, RNZ news dney, magazine about literature

rsham, //2FC exc. THESE STATIONS WERE HEARD BY part, //2FC gd DAVID RICQUISH DURING THE RECENT isbane, BBC "Goon Show" prog. "DX-CURSION TO NEW CALEDONIA" lbourne, //2FC exc DETAILS AS FOLLOWS: unsville, local prog, top pops DATE: 5 SEPTEMBER . Drasa Hindi talk. mxd LOCATION: BALE DE CITRONS, NOUMEA ssman. //4 N weak RECEIVER: GEC SUPERADIO rt Pirie, //2FC dominant, mxd AERIAL: INTERNAL FERRITE ROD nworth, //2FC, dominant ago-pago, play (CBS Mystery Theatre) fair ea, jazz proq. mpsey, //2FC gd

isbane, Call mx exc

.George, EZL mx vgd

elaide, //2FC fair

owoomba, //2FC exc

irns, //2FC gd, dominant

afton, //2FC exc

dney, //4QR exc

TIME SCHEDULES FOR ABC STATIONS N.S.W., Victoria, Tasmania and Queens -land, 1900(Suns 1930)-1402 with the exception of 2CY 2FC 2NA 3AR 4QG and 7ZL who run 2000(Suns 2030)-1500 herton, //40N mxd but usually dom 2CN and 2NC who are 24hrs and 2NB who go 1930-1432. South Australia and Northern Territories 1930-1432 except 5CL who runs 2030-1430.Western Aus. 2100 (Suns 2130)-1602.

1030 774 R.Fiji. Suva, Hindi vgd, mxd 4TO Townsville, vgc, mxd, pop mx 792 4QG Brisbane, // 2FC fair 801 40Y Cairns, //4QN od but fadv 58m Renmark, Greek prog. exc. dom. 810 2BA Begs, //2FC gd 819 ZGL Glen Innes //ZFC exc 828 3GT Sale, //2FC fr AND Nambour. Top 40 mx. fr 837 4RK Rockhampton. //2FC fair 846 2CY Canberra, //2FC fr-gd ACA Cairns, pop mx. fr 855 Ann/OB Maryborough/Eidsvold //2FC 864 468 Toowoomba. "Superock" ids dom. 873 268 Sydney, child abuse talkback 862 48H Brisbane, EZK mx. exc 891 R.Fiji, Lautoka, Hindi, od mxd 5AN Adelaide, local pron EZL mx 1050 900 2LA Lismore, Call mx dominant 918 4VL Charleville, EZL mx "Big South -West Queenslands 4VL" od 927 4CD Gladstone, rock mx strong 936 4AY Ayr, promo, pop mx fr 945 4HI Dysart.//1143 FOR mx vod 954 2UE Sydney, interview, light mx,pr 963 4WK Warwick, //21M 1287 C&W mx exc 972 2MW Murwillumbah."57-2MW" ids exc 990 4RO Rockhampton, pop mx exc 1008 1ZD lauranga, talkback, strong 4IO Brisbane, rock mx,pr 1017 2KY Sydney, Call mx, gd 1026 4MK Mackay, NOR mx, fr, mxd 1ZK/1ZN Whengerei/Kaiataia //1ZD 1035 2ZB Wellington, //1ZD vgd 1044 4ZB Dunedin, //1ZD poor 5PI Port Pirie, pop mx, dom. AWP Weipa, //2FC gd-fady 1130 1053 2CA Camberra, MUR mx, fr 1071 4SB Kingaroy, pop mx, dom 3CV Maryborough, TAB results, fr 1080 128 Auckland, //120 gd 1089 2GZ Orange, pop mx poor 3Wh Wimmera-Hellee, pop mx, pr 1098 4LG Longreach, pop mx, fr 1107 2UW Sydney, heavy rock, strong 1140 1116 466 Brisbane, racing, strong 1134 2AD Armidele, gospel prog, fr 1143 4HI Emerald, DUR mx exc 1152 2WG Waggawagga, Lall mx, fr 1161 4MB Haryborough, "Golden Oldies" qd. dominant 1170 2CH Sydney, EZL mx, gd 1179 3KZ Melbourne, soft rock, gd 1188 2NZ Invertil, rock'n'roll, exc 1197 4GG Gold Coast, FGR mx, dom 2ZW Wanganui, //1ZD gd 1206 2GF Grafton, rock mx, v.strong 1215 1ZE Kaikohe, //IZD strong 4HI Moranban, NUR mx, fr 1224 2WS Sydney, NUR/pops, gd

1140 1233 2NC Newcastle, EZL mx, exc 1242 4AK Dakey, FOR mx, dom, mxd 1251 200 Dubbo, pops, pr 1260 33R Sheoparton, poor, pop mx 1269 25H Sydney, rock mx. ad 1278 3AM Melbourne.talkback. fr 1287 2TH Tamworth. C&W mx. exc 1296 48K Brisbane, MOR, fr-qd 1ZH Hamilton, //1ZD fr 1155 1314 2WL Wollongong, rock mx, exc 1323 2GC Gosford, pop mx. pr 1332 43U Bundeberg, rock mx. fr-qd 1341 2NX Bolwarra, rock, strong 1386 2EA Sydney, ethnic prog. exc 1395 2LT Lithgow, soft rock, fr 1404 2PK Parkes, MOR mx. od 1413 2KO Newcastle, pop mx, exc 1422 3XY Melbourne, rock mx. fr 1200 1431 2WN Wollongong, ABC nx.nd 1440 2CN Canberra, short nx. light jazz. gd 1449 2MG Nudgee, nx, dom 2YM Palmerston North, RNZ pro 1458 3YW Westport.//2YM. dom 1467 3MA Mildura, nx. qd 1476 4ZR Roma, pop mx, mxd 1XA Auckland, pop mx.mxd 1494 2AY Albury, nx. vod 1503 285 Bathurst, nx. vod 1512 2NA Newcastle, ABC nx, exc 1521 20N Deniliquin, relig. gd 1530 2VM Moree, nx, fr. mxd 2YP New Plymouth, //2YM, fr 1210 1539 2ZE/ZF Blenheim/Picton.//1ZD 1548 400 Emerald. Old.nx. exc 1557 2RE Taree, pop mx, exc 1566 3NE Wangaratta, pop mx, gd 1575 200 Wollongong, pop mx, gd 1584 2EA Newcastle, GG ethnic, vod 1593 1XP Auckland, talkback, fr 1602 3WL Warrnamboul, Vic nx. qd Thanks for a great effort David If anyone out there has trouble hearing the Aussies and if you don't already have a loop, then get one! 73's Paul

Patrick Martin. Seaside OR finds DX from the Pacific improving ... veries in from KUJ 1420 KWSL 1470 CKEG 1350 (plus pen) YVOD 780 (country 61) and reports away to 2RPH 1629 VL2UV 1692 Radio Tuvalu 621 KPOI 1040 (reduced power) KWSU 1250 KWSO 1180 KERR 750 KBUG 1320 (ex KCPX). Some late news: KYTE 970 Portland OR has now changed format to automated old rock and roll; and KJJR Whitefish Montana has now moved to 880 ex 1450 and is on air with 10kw day/1kw night. Thanks for your news Patrick...and hope your further log of Radio Tuvalu is OK. Looks like it could be an excellent season here for North America

4038, Vancouver, VA all station to verify! ition by ceturaing my ift and writing = 1/83, Bill Cole, lager, KVAN -. "The report tember, 1982. ARTHUR CUSHEN

1350 expected to OSY W by December. (Happy 63rd Birthday!) X Aust

'il 1629 now in New ig address now... Centre, Assoc, for the inferrie Rd. Koovong 3144 - Friday 1000-1230 & ITC). 3RPH has been channel interference WARNER, 3RPH via DX Aust

as changed address to Adelaide 5001. S MARTIN VIA DX Aust

O heard with English Prog ignal over 2CH. ARTHUR CUSHEN at 1828-ANDREW GARDNER)

ice of Asia advises that ber 1 they will OSY from .The station was inaugur-

lary, 1979 and requests

I frea. ARTHUR CUSHEN AM STEREO UPDATE

Radio | 1332 running Harris System 24H ANDREW GARDNER

Australian Staions running Harris are: 2KY, 2SM, 3AK, 3XY, 4BH, 4BK, 5AD, 61X. Easily heard vanks running Harris are: KROW 780, KERE 940 and KDAY 1580. Above from Harris Advertisement via NPC

(Advertisement says BCNZ running systems + 2 other unnamed NZ stations We know of 1X1...who is the other??)

Useless Info Dept. In USA. Stations in NZ and Aussie are known as DU's...Down Unders!!!

The Voice Of The Islands

While in Fiji, tune in to Radio Fiji and listen to the sounds of a multicultural island nation - vou resure to find something that suits your ear whether in English, Filian or Hindustani.

The Fiji Broadcasting Commission began operations on July 1, 1945, with a limited English language service.

It has expanded considerably since then and has undergone many changes. Now a twochannel, three-language service, the FBC maintains an 18-hour-a-day.

seven-day-a-week medium wave service.

There are approximately 90 hours of English, 80 hours of Hindustani and 70 hours of Fijian programme each week. A number of other language groups, such as Chinese and Rotuman, are also catered for.

A new programming venture is the advent of local and regional community broadcasts in locations served directly by transmitters. (Transmission normally originates from the Suva studios).

Programmes and facilities are constantly under review.

Fill Beach Press May 21, 1983

(via Jun Schot)

Station of the Month

Owners liven up the radio market

to 'TasBadio' and new Offices for both Hobart stations with programme changes under way. Meanwhile 71 A is in new hands as well. Deborah Womack reports.

It is surprising that with a population of only 430 000 eight commercial radio stations can survive in Tasmania

In an overview there are three markets - Hobart which has the fiercely competitive 7HO and 7HT, Launceston with 7FX and 71 A and the rest of the north which has the TBN group of 7BU Burnie, 7AD Devonport and 7SD Scottsdale

The eighth station is 7QT at Queenstown in the western half of the State

In April, the Examiner Group bought 7HT in Hobart and because the group already owns 7EX in Launceston, the two stations are now being marketed under the title TasRadio.

As a result of the acquisition 7HT will be moving its office, adjacent to its sister television station (where 7HO is now housedt

In turn, 7HO (50% owned by Davies Bros., publishers of The new studio in the centre of Hobart in November

Not only are the Hobart stations swapping locations, they are also swapping programmes.

In August, 7HO dropped coverage of the horse-racing. The station had been locked into the TAB (with a \$20,000 contract) but has now gone in for more 'better

Meantime, 7HT has taken over the racing coverage.

In the last McNair Anderson survey. 7HO rated just ahead of 7HT. However with 7HT's new owner, and the injection of more funds, it is expected 7HT will be picking up

According to Paul Shirley, general manager of 7HO his station covers about half the State in population terms, and is aimed broadly at the 25+ market with programmes carrying adult contemporary music, news and current affairs

"The station retrains from strident cult music," he says, "and its strength lies in the breakfast and morning programmes."

Shirley has recently brought Bob Browning back to the station as marketing manager.

Browning says "Our philosophy is you can't be all things to all people, and we need to be more conscious of programming". Nevertheless, he says that the station's revenue is up on the previous year.

7HO's new million dollar "spaceage" station complex will have studios with the capability for AM stereo broadcasting and are being designed to provide FM broadcasting if it is required.

And the station will be doubling its broadcasting power to improve reception throughout southern Tacmania

Alan McClelland, general Mercury) will be moving into a manager radio of the ENT group. is in charge of 7HT and 7EX and is based at Launceston.

> "Since the ENT takeover of 7HT we can now market the two most important cities in Tasmania as one market," he says.

"We are offering advantages to advertisers who buy TasRadio and we are now able to operate Statewide promotions.

"Business is very good and we have just finished a record year." he says.

McClelland believes you have to he a "little bit of everything" and is promoting 7FX and 7HT as "personality stations"

Competing against 7EX in Launceston is 71 A an independent station which has been operating since 1930

However, it has suffered a rather chequered history of ownership and was recently sold by Broadcast Operations to the Launceston family business, Holymons, Monds and Affleck

The station's new owner has interests in flour mills, rural properties the Datsun dealership and both retail and wholesaling

"They have feet in many camps and are bringing a positive anproach to things, as well as letting us get on with it," says station manager, John Seaman.

He says that Launceston is the smallest two-station market in Australia

The station aims at the middle to upper class family audience and for two and a half years has had a music format which plays one present one past hit in the mornings, and carries a magazine format in the afternoon.

"We try to be different from 7EX," he says.

The TBN network, on the north coast, has been operating since 1939, and manager of the three stations. Jim Trethewey (who is based in Burniel says that all three are "holding their own".

"It is easier for 7BU and 7AD because their populations are bigger and more industrial, and therefore can be more supportive.

"Scottsdale (which is run by remote control from Devonport) never makes a fortune", he says.

"Advertising News"



radio

private commercial radio station, has announced its broadcasting plans for sum-

mer.
The station manager, Mr
Kevin Ihaia, said Radio
Fifeshire had applied to the
Broadcasting Tribunal to operate for nearly 10 weeks, from November 28 to January 30. Nelson's Anniversary Day. Last January Radio Fifeshire was on air for only four weeks.
Mr Ihaia said that Radio

Fifeshire aimed to be primarily a summer music station targeted to the 10 to 40 years listener market.

Radio Fifeshire also intends to broadcast regular community, tourist and cultural information and programmes, and news hourly from 6 a.m. to 6 p.m. from the Radio Avon petwork news service. This will be complemented by regular local news bulletins

"Public support and enthuslasm was quite over-whelming last January and we are very hopeful of a similar response this year, said Mr Ihaia.

As it did last year, Radio Fifeshire is receiving assistance from other private radio stations. This includes tudio and technical equipment, staff, commercial production and music pro-

The station is also planning its first trial FM-stereo broadcast next year, from February 4 to March 2.

THE PRESS 1-9-82

Zealand Radio DX League is a nonhobby organisation founded in 1948 oundation member of the South Pacsociation of Radio Clubs. Branches ive in Auckland, Wellington, Cant-Christchurch), North Otago (Oamaru) thland (Invercargill).

l President: Arthur Cushen M.B.E. ditor: David Ricquish B.Com

hip and administration inquiries: 1313, Invercargill

s contributions, advertising, and ution inquiries:
: 2956. Wellington

tions certificates and inquiries:

ery orders and inquiries: lly, 15 Fitzroy Street, Kawerau.

subscription: \$15 for members in land. Overseas rates on application pership Secretary, P 0 Box 1313, rgill.

land DX Times is published monthly New Zealand Radio DX League at ton. Copyright. September 1983. 10-3636. Registered at Post Office rters as a magazine.

'acific Association of Radio Clubs is the umbrella organisation for ubs in the South Pacific area, and is radio listening and the Handicap-Program in that area. SPARC is afd with the European DX Council and sociation of North American Radio Individuals cannot join SPARC, but in one of the affiliated clubs: in Cross DX Club (Adelaide), Down X Circle (Melbourne), DX Australia Irne), New Zealand DX Radio Assoctioned DX (Invercargill).

Secretariat: 1313, Invercargill, New Zealand.

Cushens Radio World Program is on rry Friday at 1115 GMT over Radio 2XG Wellington 1503 khz, over 3XG 2xL Nelson 801

ctional Radio News with David Rics on air monthly at 2300 GMT over Radio 27B Wellington 783 khz. The cogram is on October 23. INTERNATIONAL DIARY FOR OCTOBER 1 Cyprus Independence Day; China National Day; Nigeria National Day; 2 Guinea Independence Day; 3 Republic of Korea National Day; 4 Lesotho Independence Day; 5 Portugal Nation al Day; 7 German Democratic Republic Nation al Day; 8 Islamic New Year (1404); 9 Uganda Independence Day; 10 Cuba Independence Day; 11 Panama National Day; 12 Equitorial Guinea Independence Day; 14 Madagascar National Day; South Yemen National Day; 20 Guatemala National Day; 22 Laos Independence Day; 24 United Nations Day; Zambla Independence Day 26 Austria National Day; 27 St Vincent Independence Day; 28 Greece National Day; 29 Turkey Independence Day.

KENWOOD WANTED...wanted to buy, Kenwood R600 receiver.Please write with details to Richard Lobb, Flat 4, 127 Ritchie Street, Invercargill.

MATIONAL FOR SALE....National DR49...with excellent audio, FM, SSB..ideal for SWL. \$600 c.n.o. Phil Fowke ph (Plimmerton) 338569.

DX EQUIPMENT AVAILABLE. following items all for sale: Yassu Munsen FRG7 receiver in good condition (\$500); Pye CR9 Cassette recorder, battery/mains, condensor mike, din mic socket but no mic inc. Brand new. (\$75) supplied with 2 x 60 new cassettes. Brochure available.offers considered....also Nigel Robins "Loop Booster" unused. \$6; Agfa 7" 1800ft reel/reel tape \$15...2 x 5" reels 600ft and 500 ft (JJ) \$8 each (tapes new and unused). Prices include airfreight for receiver and recorder to purchaser, inc mail for other items. Phone 873140 Welling ton or write Ray Babbage, 200 Rongotal Road, Wellington (No! not giving up DX....just clearing surplus stock!)

RECEIVERS FOR SALE ... Yaesu FRG7 in mint condition (\$395 o.n.o.) with professionally installed switchable narrow filter.... Sony ICF 6800W (orange) receiver, near new.... (\$900 o.n.o) Contact: Neville Godwin, 18 Whenua View, Titahi Bay or phone 367094.

WATCH THE CLOSING DATE FOLKSjust a reminder it keep a close eye on the closing date each month. Material arriving after the mailout to editors is usually held over until the following month...and as some excellent material soon becomes dated...it may have to be dropped unless it arrives on time. The closing time is 12:30 pm and you should allow 3 days for delivery over the weekend period. Watch the date!