



# NEW ZEALAND DX TIMES

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FROM THE **BOX 2956** MAILBAG

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GOOD LUCK to our many student members who will now be preparing for examinations!

INTER-BRANCH COMPETITIONS Wellington's hold on the trophies was well and truly broken at last with the 1973/74 results as follows:

Hope McGregor SW Trophy: 1st Canterbury 2844, 2nd Wellington 2734, 3rd Sthland 2701. Congrats to Canterbury on what we believe may be their first ever win of the SW Cup. Albert Stanton BC Trophy: 1st Southland 3152, 2nd Otago 3083, 3rd Canterbury 3018, 4th Wellington 2991. The Columbus Trophy, for overall supremacy goes to Canterbury 346 points, followed by Southland 454 just heading Wellington 459! Congratulations to the Christchurch boys (and girl) on a well deserved success!

25th ANNIVERSARY GREETINGS to the League have been recieved from Harry van Gelder and the NZDXRA. From Harry:- "On the occasion of the 25th anniversary of the NZ Radio DX League, we wish to extend our heartiest congratulations! On behalf of us all at Radio Nederland, the Happy Station and the DX Jukebox team, we wish you every success for the future!" In the October issue of "Tune In" we read:- "Congratulations to the NZ Radio DX League on achieving their 25th Anniversary. While we may not have seen eye to eye on some matters, it is a pleasure to see a NZ club in the same field and with many credits and noteworthy members in the hobby attain this age."

ABBREVIATIONS GUIDE With this issue all members will receive a copy of our first attempt in this field. We have of course only skimmed the surface but want the Times to remain as readable and understandable to the novice DXer as it is (hopefully!) to our more experienced members. Note the following clarifications: cmt comment(ary) SSB Star Spangled Banner (US national anthem). Copies of the Bandwatch SW Contributor Form are also being distributed to all members within NZ; items such as these will be the basis of a larger Members Kit presently in the planning stage.

25th ANNIVERSARY CONTEST When you have received 25 QSL's from 25 countries logged in 1973, send your entry to Competitions Secretary, NZRDXL, P.O.Box 1313, Invercargill detailing the 25 stations, frequencies, powers, dates and times heard and the month the QSL was listed in the Times.

CONGRATULATIONS from all members go out to Canterbury Branch President Lance Johnston and Branch Secretary Gay Stevens, who were married on 22 September. The Leagues' wedding present was of course the Columbus and Hope McGregor Trophies!! Hi!

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 7th NOVEMBER. DETAILS OF YOUR DX ACTIVITY, VERIFICATIONS AND B.O.M. ENTRIES TO BOX 2956, WELLINGTON.

## 2 FROM THE BRANCHES

SOUTHLAND: The September meeting was held at Ray Crawford's with 13 present and Vice-President Harry Searle in charge. After normal business a welcome was extended to Peter Fryde who had been in Wellington for 8 months and to Merv Branks who had been in Australia for 9 weeks. Merv spoke on his visit to Sydney, Melbourne and Canberra, mentioning stations and DXers he had visited and showed members his new Barlow-Wadley receiver. Competitions: BCB to Sutton Burtenshaw with Magalanes, Chile 1380 and KUAI Hawaii 720. SW over 9 to Harry Searle, Madrid 11925. Under 9 Neville Henry with CHNX 6130 500 watts.

OTAGO: The September meeting was held at Taieri Road with 11 present and 1 apology. The North Otago visit was finalised and 8 members hope to make the trip. Discussion centred on ways to raise branch funds and some good ideas eventuated. Errol Monson displayed the pennants which were made for the 25th anniversary gathering. Competitions saw 33 SW QSL's entered with winners Errol Monson, Belgium 15235 and Peter Jackson RAI 7275. BCB Senior, Frank Wilson Sharjah 1575, Junior, Peter Jackson KUAI 720.

NORTH OTAGO: 10 were present at the AGM in September. Election results: President Peter Grenfell, Vice-Pres. Ito Tsukigawa, Secretary/Treasurer Ted Sutton, Auditor P.Grenfell. Emergency Committee: I.Tsukigawa, T.Sutton. Social Committee: T.Sutton, A.Stewart, Mrs Bloxham. Log Keeper Alistair Stewart. Works Committee: Grahame Hill assisted by T.Herron G.Millar, K.Fleming. Editors: A.Stewart, B.Jamieson. Public Relations: Basil Jamieson and Ito Tsukigawa.

CANTERBURY: At the October meeting at Bob Boundy's, a special welcome was given to two new members, Murray Robson and Tony Smith. Also a special meeting was held to meet the National President Merv Branks when he passed through Christchurch recently. Competitions: BCB to Gay Stevens with KPH 1330, Craig Crawford with DYLA 1550 and Kevin Hickman with 2BE 1480. SW Over 9: Cologne 21560 Bob Boundy. SW Under 9: AFNT Taiwan 3990 entered by Michael Pollard.

WELLINGTON: 9 present at the September meeting at Dene Lynnebergs. It was reaffirmed that a country-members sub of 50 cents would allow out-of-towners to receive the branch newsletter 'Capital DX'. A DXpedition is being considered for the New Year. Next meeting at John Mainlands, 30 Burrows Avenue, Karori 2.30pm on Sunday 28th October. Competition Results: SW Over 9: Senior to John Mainland, Tashkent 15460, Junior to Nigel Robins and Dominican Republic 9505. Under 9 Senior to John Mainland, HSHU Bangkok 6062kHz 2kw.

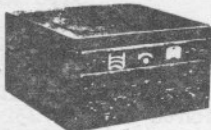
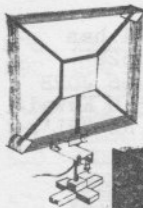
## PACIFIC ASIAN REPORT

CHEJU ISLAND, SOUTH KOREA The new FEBC station HLDA was noted with sacred and classical music from 11.30pm NZT on 1 October, under and over Aussies with no sign XERF. Signoff announcement in Korean at 12.30am during chimes which started 30 secs before and concluded 45 secs later, when station abruptly off the air. Sutton Burtenshaw

CANTON ISLAND Confirmation of WXLE by seamail from Department of the Air Force, HQ Pacific Air Forces, APO San Francisco, California 96553. Letter signed by Capt. Robert G. Gray, Pacific Air Forces Frequency Manager, who requests all reports for U.S. Air Force stations in the Pacific to be sent to that office. WXLE operates with a peak power of 250 watts and the antenna coordinates are 0024635S 1714320W. They say my report of them using 25,000 watts is "not technically correct" David Ricquish Tx Sherlock!!

NEW ZEALAND 1YK Kaitaia is due on air 29 October on 101CkHz, not 1120 as listed earlier. National programme relay with power 2000 watts. Radio Otago has applied to Broadcasting Authority to operate a 1kw transmitter in Oamaru. 24 hour programming will mainly relay 4XC but local oriented shows and news are planned to originate from 4XO's studio 2. The NZBC's Queenstown repeater will boast only 100 watts when it comes on air near the end of this year, but will increase to 2kw next year. Capital City Radio, Wellington due on 1080kHz early November. David Ricquish, Bill Pearson, Bryan Clark

FOR THE LATEST DX NEWS FROM ASIA & THE PACIFIC - READ PACIFIC ASIAN REPORT.



## BROADCAST DX with George Masson

### WXLE - THE FACTS ! SPANISH SAHARA LOGGED !

Robin Chambers reports reception of European, Middle East and North African stations has been good lately, especially from the latter two. North American reception should start picking up in the early evening from now on. There have been signs of activity on the 250 watt channels 1490 and 1450. Some of the medium powered regional channels are worth watching. 1380 is one channel that can spring some surprises on a good night.

At last some solid facts about WXLE 1385 khz - see Pacific Asian Report

DAVID RICOQUISH, Christchurch has logged 3XA test Voice of Peace 1542 TGWA 1600. QSL's in from 1YE 2GO 2XL 3WL 4MS 2AP Fiji 1570 WXLE 1385 KGBT KHAI KIOE KISA KMVI KOHO KPOL WKY WOI WVOJ XEROK Tropicana 540 AFNT 1550 Israel 737 JOQR VOA Marathon 1180.

KEITH ROBINSON, Invercargill has reported -ed 7SD Omdurman 960 Cairo 1106. QSL's from 4KQ 6GF VOA 1259 JOLF BEC 1412.

MERV BRANKS, Invercargill has veries from DZWT 540 and Colombo 600 with a second report to XET.

ERIC MCINTOSH, Invercargill has logged Masirah 701 1YE 3XA. Verified Fiji 810 4AM Germany 548.

MICHAEL POLLARD, Christchurch has a lone verie from 2VM. Moree ! next time !

ROBIN CHAMBERS, Opunake has reports out to HLKX Athens 728 CKMV Damman 885 Peking 560 RBI 1511 Addis Ababa 872 Tripoli 1250 El Beida 1124 Bahrain 610 Ethiopia 944. Verie BEP27 1510. Thanks for Trail notes.

JACK SEARLE, Haumoana has logged CJVI Fiji 1320 VL2NI with verifications back from Raki Raki 1320 VL2NI 4BK WLS.

RAY CRAWFORD, Invercargill reports logs as 1YE AFNT 1570 JOWF 1440 JORR 740 CKLC 1380 Syria 665 Kuwait 539 Libya 1250 Cairo 557 Voice of Peace 1540 VOA Philippines 1140 Turkey 881 Bologna 1115 Malta 998 Kenya 611. Verie in from 1YE. Some nice ones to come.

DENE LYNNEBERG, Titahi Bay has veries in from Sredne Kolymak 575 3XA 1290 KORG 1600. Reports off to JOPC 1150 AFNT 1550 DZFM 710 DZRH 650.

PAUL FROST, Tauranga has had a very busy month with loggings as 3ZM 1ZN 2ZB KSCO XEPRS ORTF Tahiti Singapore 790 7HO JOQR 3KZ 1ZM JOSF 1ZH 1ZC 2ZP 1ZO PJB Cuba 590 KFRE KNBR 1ZB 2ZM 2ZW 2ZN 1ZE ZK2ZN 3AK 2GB HLKX 2KO 2WL AIR 770 Vatican 1528 KFRC 2ZE HJDK Medellin 1ZU 1ZA 3YW 2YB 2YZ 2YW 2YX 1YW 1ZK 3YZ 1YX JOBR JOWF Iraq 908 JOBR Peking 1525 VOA Rhodes 1259. QSL's from KOB 2NZ 3ZA 3BA CFRN 2ZC 3ZM 1ZN 2ZB KSCO 7HO 3KZ 1ZM 1ZH 1ZC 1ZO 1ZB 2ZN 1ZE 2ZE CKVN. A really first class effort.

FRANK WILSON, Dunedin has logged 4JK 570 and has sent a second to WXLE. QSL'd 1YE.

CHRIS MACKERELL, Nelson has them out to XERF VQO KPOL KOB 7SD. QSL's in from KPOL 2UE 2UW 4BK 4IP 2MO 3SR and 4BC.

DES ATWELL, 'anganui has QSL's in from 2KY 7HO 2UE 2KO 2GB 2ZA 2ZE 2ZD 2ZW 1ZH 2ZM 1ZB 3ZA 4ZB 3ZB 2ZC 4ZA 2ZN 1XI. Logged: 3LO 1ZH 3XA 5CL 5AN 4YB 3DB 3KZ 7HO 1XA 1ZB. Re ladders - just send in your QSL total for December Times. See rules in 'DXing Made Easy.'

WAYNE CAVANEY, New Plymouth has logged KXEL KOMA XERF 3XY. QSL in from 2UW. Good work 'ayne.

PETER JACKSON, Dunedin has logged Fiji 560 2WG 5AD RICE KUAI KHVH 2GZ 6TZ 6PM 2NZ KCA 330 4IP. QSL's have arrived from 2WE HNK 7LA 2QN KHVH KUAI 2GZ WLAG and 2WG.

PHILIP BROOKS, Wanganui has received QSL's from 2ZA 3YZ 2SM 3ZB 2ZB 2ZA with reports out to 2ZP 2KM 4ZB 4YW 2ZH and 3KZ.

RAY BABBAGE, Melbourne has logged Fiji 930 WALE 1385 WVUV Fiji 560 VQO 1030 3Z0 1550 230 1310 7BU 2CN 5MU 5CL 5PA. Veries nil. "these will have to wait until I come home."

DEB DAVEY, Te Kuiti has reports out to 2WL 2KY 2ZW. Veries 2KO 3WL.

JONATHAN ALTEHISON, Dunedin has logged Fiji 710 2ZC 2UW 3ZC. QSL's from 560 Fiji, 3XA 3SR 3NE. Loop should be good above 1300 khz. If loop tuning is vague above 1300 I suspect the wires leading to the loop tuning condenser are too long adding too much untuned capacitance.

ALAN ROBSON, Christchurch has logged 2WG 3KZ 2NX 3LO 2NO 4QD 1YE. QSL's in from 2WG 3KZ 2NX 2CR 2FC 2NZ Fiji 710.

NEVILLE HENRY, Invercargill has logged Monte Carlo 1532 1466, Vatican 1529 Rome 845 Jordan 800 Egypt 557 Kuwait 539 VCA Munich 1196 Iran 1390 Peace Radio 1540 India 1130 Singapore 630 FEN 650 WLAG KOA OHQM Gilbert & Ellice 844. Veries from Fiji 1470. This gives Neville a total of 38 countries logged this year, and this should bring in 25 QSL'd at least for the 25th Anniversary Contest.

ERROL MONSON, Dunedin has logged 3NE and verified Fiji 560.

GRAEME SHILLITO, Dunedin has logged HJCU 730 3WL XEWA JOUF HJCK and Lautoka 89C. Verifications in from Fiji 930 710 MQR 3LG 6GI 1YZ 2ZW. More, or less turns will increase your range Graeme.

BRYAN CLARK, Wellington has reports out to Libya 1124 Bucharest 854 DZRH 650 AIR Gorakhpur 910, Suva 1570 4IM KESK. Seconds to WALE and Paradise 1265. 4th to KGA. QSL's 1YE 7HT.

ARTHUR CUSHEN, Invercargill has reported JORR BBC Cyprus 1322 Nairobi 611 Monte Carlo 1466 JORB JOUB 1YE Voice of Peace 1540 Kuwait 539 CKLC 1380 Sahara 656. No QSL's this month!

SUTTON BURTENSHAW, Invercargill has logged 1YE 2BY 4QA 5SY HLKX HLSA 600 DZRH KOCN 1420 CKLC 1380 Nairobi 611 Monte Carlo 1232 Batra 818 Kavala 791 Diyabakir 1061 Voice of Peace 1540 Riyadh 587 Kuwait 539 Sabburah 665 Antalya 881 Nice 1554 Squinzano 1448. Veries in from 1YE 2DU 2BY Labasa 810 KUHI KOOL and Vladivostock 1250.

LINDSAY ROBINSON, Invercargill has only QSL's this month from HLKA 1190 and Fiji 710.

SINCLAIR BENNETT, Christchurch has logged 4RK 4QB 3XA 2AD 1YE 6WA 2GF 5PA 200 2WG. QSL's are in from 1YW VOA 1580 2HD Fiji 890 5SE 2GL 3LK 5CL 4QB 3XA 3WV 2AD 1YE 6WA 2GF 200 2WG.

## BROADCAST TRAIL

### EVENING

- |      |                                |      |     |
|------|--------------------------------|------|-----|
| 600  | CKMV Exc 6 - 6.30.//           | 590  | RCh |
| 675  | Latin good to s/off            | 6.02 |     |
|      | with ann: Radio Aspacal.       |      | RCh |
| 780  | KORL pushing thru 4YA          | 6.50 |     |
|      | to 7.20.                       |      | GM  |
| 850  | Asian (Kuching ?) good over    |      |     |
|      | Aussie 10.45.                  |      | RCh |
| 900  | CJVI peaked up at brief        |      |     |
|      | intervals after 6.09           |      | JS  |
| 910  | KNEW good ID 6                 |      | RCh |
| 1133 | Powerful Asian 11.05           |      | RCh |
|      | North Korea ?                  |      |     |
| 1215 | Unid pirate ? Non stop pop     |      |     |
|      | good modulation 6.12 - 7.10    |      |     |
|      | on 22/9                        |      | BC  |
| 1320 | Fiji fair 8.15                 |      | JS  |
| 1380 | KTOM interviews 6.09           |      | BC  |
|      | KRKO 7.03 - 7.08               |      | GM  |
|      | CKLC heard Sunday 16/9 from    |      |     |
|      | 6.45 to 7.35 but with few      |      |     |
|      | ann. Dominant on the freq. AC  |      |     |
| 1390 | Several mixed 6.50...one s.off |      |     |
|      | SSB 7.01 3/10 probably KCEY.   |      |     |
| 1450 | KONE R & B freq ID's 6.50      |      | GM  |
|      | Several mxd 7.04 3/10          |      | GM  |

1470 KESM Radio Fiesta 6.38 - 7.56 BC  
 1490 GSQ and 'O Canada' 7.02 16/9 BC  
 Several mixed 6.50 3/10 GM  
 1510 KGA powerhouse 7 BC  
 1520 KOLA 6.20 WC  
 1540 KXEL 6.45 ID 7.02 WC  
 KPOL regular early GM  
 1570 CHUE good 7.30 GM  
 Fiji wx 7.10 RCh  
 VL2NI mixed XERF 8.45 JS  
 XERF good 6.55 WC

MORNING

557 Cairo good 7 9/9 RCr  
 560 'Govorit reking' strong in Russ  
 6.20 - 6.35 RCh  
 575 Russian gd 5.15 RCh  
 589 Saudi Arabia always gd 6.30 RCh  
 610 Arabic good 5.55 - 6.32. Maybe  
 Bahrain heard 30/9. Int signal  
 6.30 - guitar then brass band RCh.  
 611 Nairobi Kenya. Swahili nx 7 AC  
 629 Turkey good 6.35 RCh  
 647 Simferopd light orch 6.40 RCh  
 650 DZRH 5.15 ID's every 1/4 hour  
 in Eng at times with AFRTS  
 Okinawa mixed. DL  
 DZRH Nx report in Tagalog DL  
 5.47 BC  
 Excellent at 7 must be 24  
 hours now RCr  
 656+ Spanish Sahara 6.15 19.9 RCr  
 683 Belgrade gd 6.45 RCh  
 656+ Spanish Sahara nx at 6 in Sp  
 mixed with Italian net AC  
 710 DZFK 4.55 gd in Eng under  
 Fiji carrier DL  
 728 Athens strong at times 6.25  
 -6.50 RCh  
 770 JOUB 3 AC  
 850 KIOY 4.15 relig mx fair-gd  
 4.25 KIOY wx DL  
 861 Stavropol Majak Int Sig 6.29  
 Turkey good 4.45. RCr  
 865 Damman gd 6 - 6.30 RCh  
 941 Ethiopia 6.30 - 6.50 Sun morn  
 960 Arabic gd 6.15 - 6.30 RCh  
 1030 Arabic mixed 3DB 6.35 RCh  
 1052 Rumania gd 6.35. RCh  
 1088 Albania exc 6.40 RCh  
 1097 Russian gd 6.40 RCh  
 1115 Bologna Italy Exc 19/9 7 RCr  
 1124 El Beida Libya in Arabic 6.15  
 1150 JOPC 2.20. JJ/SS lang lesson  
 s/off with full ID and mx box  
 at 3. VG. DL.  
 1151 Cluj fair 5.45 RCh  
 1187 Szolnok fair 6.40 RCh

1196 VOA Munich gd 6.30 RCr  
 1241 Russian thru 6.40 RCh  
 1250 Tripoli good 6 - 6.30 sun  
 morns // 1124 RCh  
 1277 Strasbourg fair 6.45 RCh  
 1286 Prague gd 6.45 RCh  
 1322 BBC Cyprus exc 6.30 RCh  
 with World Nx 6 AC  
 1367 Kremlin Bells 6.30 RCh  
 1390 Ahwaz gd 6.30 RCr  
 1403 Russian Exc 6.30 RCh  
 1457 Albania gd 5.50 - 6.  
 'International' played at  
 5.55 then int sig but not  
 usual Albanian int sig. Heard  
 on 25/9. Romania dominant  
 26/9 RCh  
 1493 Russian good 6.05 RCh  
 1495 Thai good 6.05 RCh  
 1511 RBI in Eng 6.30 - 7 full ID  
 and freqs given at 6.56 RCh  
 1540 R. Peace mx'd Peking reg  
 Sun Mornings RCh  
 Heard at 6 9/9 RCr  
 1540 KISA 3.45 v/good Hawaiian  
 songs and ads in Fili. Eng ID  
 at 4. DL  
 1570 Suva fair testing 5.30 BC  
 1570 Deutsche Welle Int Sig  
 under Spanish station 6.48.  
Spanish station good at  
 times 6.35 - 6.55. Ann:"Radio  
 Branonda corta..en la plaza  
 ..transmit.. espana..espana  
 nacional.. kilociclos..Radio  
 Diviniamo estacion..estudios  
 buenos amigos.. la capitician  
 de constance Radio..Radio  
 P.F. Radio Maniya." Any  
 ideas what network ? RCh  
 1594 Russian good 6.05. RCh

Contributors: Robin Chambers, Ray  
 Crawford, Dene Lynneberg, Bryan  
 Clark, Arthur Cushman, Jack Searle  
 and Wayne Cavaney.

BEST OF THE MONTH

SENIOR

HCFA2 Guayaquil, Ecuador, 540khz  
 10kw 144 points  
 David Ricquish.

## DX FORECAST

### OCTOBER

- 6.30-7.00pm Portugal & some Europeans  
Also Cubans at this time.  
6.30-8.00pm United States.  
7.30-9.15pm U.S. East Coast may peak.  
1.00-1.30am Central United States.  
3.00-4.30am Hawaiians good.  
3.30-4.45am Watch for Alaskans.  
4.30-5.00am Far East, USSR.  
5.00-6.20am Europeans again. Middle  
East may come in earlier.

### NOVEMBER

- 6.45-8.00pm United States, Mexico.  
8.30pm onwards Asians good. Cubans at  
this time.  
1.00-4.00am Asians strong.  
2.00-3.00am Pacific Coast USA.  
3.30-4.30am Hawaiians/Alaskans.  
4.00-5.30am Europe. Middle East earlier

## NEWSBRIEFS

- 580 WBIL Ala ex WABT  
680 KNBR now 24hrs NSP  
800 CKLW new address 1640 Quелlette Ave,  
Windsor, Ontario.  
1000 KKIM Albuquerque, NM 87100. CP is  
now on. 10kw daytime.  
1060 WRMF Fla CP for 10/5kw (now 1050)  
1090 KAAW Denver, Col. 50kw D.  
1090 CKKW Ontario CP 10kw U4 (ex 1320)  
1220 WQSA ex WSAF  
1290 KGVO Missoula, Montana. CP 5kw U4  
1270 KGUY Calif (ex KGOL)  
1290 WHIO now 24hrs  
1320 WKPQ ex WJAS AN7 R&R quick id on hr.  
1380 KEWP Ark. ex KDKE  
1400 KRE Calif (ex KPAT)  
1400 KACK La 24hrs NSP  
1430 WRSD Fla ex WILL.  
1440 WBGR Ky (ex WFDE)  
1480 Delete KOOD Washington  
1490 Delete KPAS Calif.  
1580 KRZI Texas ex KBOG  
1330 WPOW NY s/on 3am local time.  
1270 KWRL ex KBUB  
1450 CHEF Ontario new station on with 10  
kw day. CP included 5kw night.  
Thanks to NRC News.

## JUBILEE REPORT

Warm southern hospitality and temperatures soaring into the 20's greeted members, wives and parents who attended the NZRDXI's 25th Jubilee Celebrations in Dunedin 29 September. Following a buffet luncheon and roll call at the well-appointed venue - Cherry Court Motel, we boarded our bus for the somewhat tortuous climb to the summit of Mount Cargill, several thousand feet above Dunedin and Port Chalmers for an interesting inspection of DMTV2's transmitting facilities and, of course, take in the panoramic view. Frank Wilson appeared a little reluctant to point out to curious 'foreigners' the location of Long Beach, for fear of a mass immigration of DXers to this 'venerated' DX locality. While many said their prayers, Peter Aburn directed manoeuvres to turn our bus around in the very limited area available and we returned to Cherry Court via a scenic drive through the Dunedin Town Belt.

47 were present at the Jubilee Dinner to hear Jack Fox open proceedings by paying tribute to outgoing League President Merv Branks, who had played a major role in the League's formation in 1947/48. In reply Merv spoke of the early days of radio - when every listener was a DXer and our DX organisations claimed memberships into the thousands. Among light-hearted moments recalled was Merv's 'Giraffe Farm' at Riverton Rocks - why else would someone run long 'electric fences' at a height of 10 feet above the sand dunes. He concluded by saying that increased difficulties for today's DXers required greater dedication to the hobby.

The next speaker, past President Ross Gibson called upon younger members to put something back into the hobby which gave them so much enjoyment. After a delicious dinner, Mrs Branks spoke on behalf of the so-called 'DX Widows' and cut the anniversary cake which had been prepared by a 'committee' headed by Mrs Burtenshaw. Proceedings then transferred to the Conference Room, where Merv spoke of his Aussie holiday - critically comparing NZ radio programming. Arthur Cushen spoke of the early days of SW DX and expressed the hope that the 'power struggle' on SW could soon come under some control. Murray Lamont spoke on behalf of those who 'had fallen by the wayside' and expressed pleasure at the renewed vigour he could see in the League today. Jubilee Guest Speaker was John Kennedy, Editor of 'The Tablet' and well known as a forthright commentator on current affairs on radio & TV.

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## Are Your Reports Worth a QSL ?

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The great majority of stations on the medium and shortwave bands operate as a business. International broadcasters promote their country's life style, ideologies and culture, and are often supported by government finance. Domestic broadcasters on the other hand aim to communicate with the local populace, and adopt a programme policy geared to capture a sizeable audience. Non-commercial stations rely on government support or that of ideological groups, whilst the commercial station operates strictly as a business - to a budget, respecting the priorities any profitable organisation aims for, i.e. profit, maximum manpower utilisation, and maximum effectiveness. Into this environment the DXer plunges his DX report - an unsolicited account of reception of a station (sometimes not positively identified) which the DXer hopes will strike a sympathetic and appreciative chord and result in some response in the form of a QSL card or letter. Let us overlook the international broadcaster who readily responds to our correspondence, and consider how welcome our reports are in the world of the domestic broadcaster. He operates a business, and consequently employs skilled technical personnel to ensure his business reaches his customers. He knows where his signal goes and how well. His total manpower at the station is geared to operating his enterprise economically and efficiently. In Australia in 1971-2 nine commercial stations operated at a loss; in 1972-3 nineteen stations failed to make a profit. Understandably none of these are likely to devote manpower and money to a non-essential activity like QSL'ing.

We've grown beyond the novelty era of radio and in today's competitive environment the station has to be convinced that spending time on a DXers' correspondence is worth it.

Merv Branks, in an impressive address at the League's Annual General Meeting emphasised these points and highlighted the following as keys to the future of consistent QSL'ing.

1. Aim for a high standard of report. Factual. Neat. Verifiable material. (A report stating: "Man speaking, lady speaking; Orchestral item. Station call." is useless. Specific, unique material such as slogans, identified commercials, time announcements coupled with commercials, interval signals, presentation styles, are verifiable. Put quality in the report and make it worthwhile reading. Imagine receiving a report at a 1 kw station in the States reporting reception of an ad. for Millies' Pancake Kitchen, 2201 South Boulevard - quite a novelty for the station; whereas "man and lady doing commercial" won't move anyone.
2. Length is unimportant if quality is there
3. Respectful tone is all important. Remember we are asking the station to 'put themselves out.'
4. Provide maximum QSL assistance. Prepared cards, postage in stamps of the country, coupled with lures of postcards, pennants, etc. pave the way to a favourable response to your request for acknowledgement of your report. With rising postal charges in most countries this becomes a major expenditure item - even sending the Times to our sprinkling of overseas members costs \$100 a year. Taxpayer-financed stations will generally respond without these stimuli, as a public relations gesture, but the quality must still be there for them to afford the time. Perhaps there are some answers above to the cry that stations are harder to verify these days - we have to be practical, and make more effort - and strangely the rewards always seem more worthwhile.

Written for the 'Times' from an address by Merv Branks.  
October, 1973

# Broadcast — LEAGUE LADDERS — Shortwave

Division	June	Oct.	Inc.	Division	June	Oct.	Inc.
<u>GOLD STAR (1251 &amp; Over)</u>				<u>GOLD STAR (1251 &amp; Over)</u>			
Arthur Cushen	2107	2117	10	Arthur Cushen	3937	3988	51
Keith Robinson	1977	1996	19	Dene Lynneberg	1719	1769	50
* Merv Branks	1975	-	-	<u>GOLD ACE (1001-1250)</u>			
Frank A. Wilson	1572	1584	12	* Ray Babbage	1133	-	-
<u>GOLD ACE (1001-1250)</u>				Ray Crawford	1063	1082	19
* Don Reed	1043	-	-	<u>SILVER ACE (751-1000)</u>			
<u>SILVER ACE (751-1000)</u>				John Mainland	952	1017	65
Ray Crawford	892	909	17	Stan Larking	918	936	18
Eric McIntosh	810	831	21	Bryan Clark	899	926	27
<u>ACE (501-750)</u>				John Watson	889	953	64
Robin Chambers	687	699	12	* Brian Withers	856	-	-
Stan Larking	643	647	4	Hans de Jong	818	843	25
Sutton Burtenshaw	622	647	25	<u>ACE (501-750)</u>			
Dene Lynneberg	590	609	19	Bill Huddleston	665	703	38
Graeme Shillito	542	568	26	Erin Ardley	631	648	17
<u>SENIOR (301-500)</u>				Eric McIntosh	543	554	11
David Ricquish	412	436	24	John Durham	552	619	67
* Paul Aronsen	379	-	-	<u>SENIOR (301-500)</u>			
* Stephen Reed	361	-	-	Lindsay Robinson	497	555	58
* Brian Withers	342	-	-	* Paul Aronsen	449	-	-
* Ray Babbage	324	-	-	Keith Barton	422	428	6
George Masson	311	311	0	* Peter Herman	375	-	-
<u>INTERMEDIATE (151-300)</u>				John Hillier	373	397	24
* Chris Martin	260	-	-	* Lance Johnston	365	-	-
* Lance Johnston	254	-	-	* Chris Martin	313	-	-
Bryan Clark	239	252	13	Jack Searle	312	364	52
Gordon Simes	228	230	2	<u>INTERMEDIATE (151-300)</u>			
Tony King	217	219	2	Des Davey	-	233	-
Arthur Williams	212	218	6	Tony King	231	231	0
* Lloyd Townley	203	-	-	* Terry Gloistein	191	-	-
Alan Crawford	191	215	24	Arthur Williams	189	200	11
* Richard Knowles	173	-	-	John Bathurst	(186)	201	15
<u>JUNIOR (51-150)</u>				John Newman	184	214	30
Lindsay Robinson	143	162	19	* Mike Highley	182	-	-
John Newman	136	146	10	* Stephen Reed	173	-	-
Sinclair Bennett	128	157	29	Colin Campbell	164	188	24
Jack Searle	109	123	14	<u>JUNIOR (51-150)</u>			
* Terry Gloistein	109	-	-	Michael Smith	139	139	0
* Gay Johnston	101	-	-	Stephen Greenyer	139	171	32
* Bruce Cavanagh	94	-	-	* Bruce Cavanagh	116	-	-
John Bathurst	(90)	91	1	Murray Robson	112	163	51
Michael Smith	82	91	9	Paul Frost	95	121	26
* Paul Falleni	61	-	-	Alan Robson	89	187	98
<u>NOVICE (1-50)</u>				Michael Pollard	90	119	29
* Keith Barton	38	-	-	* Gay Johnston	86	-	-
Alan Robson	16	78	62	Chris Mackerell	63	69	6
Elizabeth Hellyer	35	37	2	<u>NOVICE (1-50)</u>			
Michael Pollard	22	30	8	Charles Douglas	(49)	66	17
Colin Campbell	18	18	0	Jonathan Aitchison	(25)	42	17
Paul Frost	(3)	38	35	* MEANS ENTRANT DELETED IN DECEMBER IF NO UPDATED TOTALS RECEIVED!			
Jonathan Aitchison	24	33	9				
Chris Mackerell	-	11	-				



# 1973 REPORT ON BROADCASTING PART TWO 9

## The Future of Radio Broadcasting within NZ.

The report spends much time on the future of radio (specifically on 46 pages compared with less than 28 for TV!). A series of goals is suggested, including the following:-

- (a) achieving near total primary coverage- to give us all good reception of at least one station, the report advocates early completion at Queenstown. Plans are underway already to resite an NZBC Hamilton station to improve King Country coverage, the major North Island problem area.
- (b) extending a choice between two stations to all remaining areas. The Committee estimates that 3.8% of the population cannot reasonably receive the National Programme, and 4.1% a public commercial programme. Points mentioned for additional stations are Kaitaia & Kaikōhe (both already on the way), Alexandra (National Programme station was recently replaced by a mainly commercial mixture) and Oamaru, which qualifies as the largest town without it's own studio and seems earmarked for a mini-station, 2ZE style.
- (c) establishing at least 1 Polynesian station to express the other main cultures in NZ. The report suggests possible conversion of 1ZM Auckland to a Polynesian Commercial Station: ". . . for the expression, enjoyment & understanding of NZ's Polynesian cultures by New Zealanders of all cultures". A repeater at Rotorua is also envisaged.
- (d) spreading the Concert Service (YG Network). Phase One is suggested as: a 20kw directional coverage of the Gisborne, Napier, Dannevirke region; 10kw covering Tauranga, Rotorua and Whakatane; and 10kw for Southland. Phase Two sees low-powered repeater stations at Hamilton, New Plymouth, Palmerston North, Whangarei, the West Coast, the Central North Island Plateau and Nelson. "In NZ there are still many unused channels in the medium frequency band. Despite the presence of distant Australian signals on them, (that's not all!! Ed.) the Committee considers that the Concert Service should be provided at these centres, even with low transmitter power".
- (e) moving the Concert Service to FM, one of the reasons being the supposed shortage of space on MW. The report states that this "argument does not yet apply to this country, but eventually it will... meanwhile frequencies and the opportunity still exist for NZ to bring coverage of a third choice of daily programme to a level approaching that now achieved on the national and commercial stations. This would require modern techniques of transmitting on directional aerials..and, for optimum use of medium-frequency channels, careful consideration of the possibility of changing the frequencies of some existing stations." Space has already been reserved at television stations for FM transmitters and aerials it was noted. With regard to frequencies for FM it is pointed out that only 90-94MHz is currently available out of the accepted 88-108MHz FM VHF band in NZ, and for this reason favour seems to be directed to following Australia into the UHF band. Unfortunately FM won't mean an emptier band for BCB DXers as "the 3-programme radio choice must..be (always) receivable by listeners with AM sets."

That, briefly is a summary of those parts of the Report on Broadcasting prepared by the Adam Committee, which have relevance to the DX hobby. Next step in transformation of the NZ broadcasting scene will probably be another enquiry 'sounding' out the Committee -s findings.

Bryan Clark & Jack Fox. 23/8/73.

## FROM THE A. G. M

In his address upon his retirement as League President, Merv Branks reminded the 24 members present at the 25th A.G.M of their status as DXers in the eyes of the different types of broadcasters. Generally, international stations are keen to hear from overseas listeners, but stations on both medium and short-wave intended for local audiences were usually not interested in reports and QSL'd only as a goodwill gesture. Skilled technical advice was always available to the professional broadcaster for him to gauge his listener penetration and signal potency, and the DXers report was usually of little interest. It was therefore most important that the DX listener, if he wants to stand a good chance of receiving a QSL, must send a report to the station that is worthwhile reading, contains significant verifiable material, and is supported by such courtesies as prepared cards and postage. Further thoughts of A.M.B. appear elsewhere in this issue.

The success of the A.G.M was highlighted by a conducive venue and an interesting venue. After a round-the-room roll call, members heard reports on matters associated with the Leagues administrative year. Peter Grenfell (North Otago) reported that the League's ARCHIVES had received a notable boost during the year and reminded members to ferret out old QSL collections, radios and press clippings on early broadcasting in NZ. The club's FINANCIAL SITUATION was shown as satisfactory. 1972/73 had been a year of some strain while all subscriptions were adjusted to the higher rates. The TIMES Editor Bryan Clark reported on a most encouraging year with increased contributions and marked enthusiasm for the new sections introduced during the year. Members were acquainted with Times costs and plans for the new year by Publisher Tony King, and Merv Branks added that HQ would approve a regular increase in pages in future issues. PUBLIC RELATIONS Officer Arthur Cushen noted that 261 enquiries relating to the DX hobby had been processed during the year - double the number of 4 years ago, and this indicated the growing interest in overseas radio reception.

Assuming office as the NEW PRESIDENT, Eric McIntosh expressed his gratitude for the masterly eye Merv had cast upon League affairs, and was pleased to have found a niche for him as Immediate Past President on the new committee. Sutton Burtenshaw is our new Vice President. A letter to the Minister of Customs about the excessive IMPORT DUTY on communications receivers (130%), and the the Minister's acknowledgement was tabled. The outcome of discussions between the Minister and his department will be awaited with interest. The desirability of making representations to the SELECT COMMITTEE ON BROADCASTING on behalf of the League was considered and Wellington members will present the Leagues case later this month. The League will support the increase in power of Radio New Zealand and discuss the wisdom of all-night unmodulated transmitters and the frequency synchronisation of identically programmed stations.

The COUNTRIES LIST and Points System, now heavily revised, would be submitted to branches for comment immediately and it was hoped to finalise it before the end of the year. The Inter-Branch Competitions were not announced due to discrepancies in one branches entry but these have now been resolved and the winners appear on page 1 of this issue. Individual Best of the Year Trophys went to: Shortwave Nick Kendall and Arthur Williams for Cordac Burundi 3985; Broadcast George Masson for WVOB Illinois 1450kHz 250 watts. Camaru has tentatively been set as the venue for the 26th A.G.M to be held at Labour Weekend 1974. It is proposed that a full CONVENTION will coincide with the A.G.M.

Other topics discussed included: BRANCH NEWS SHEETS If 30 or more are published, two copies must be forwarded to the General Assembly Library, Wellington. MEMBERSHIP LIST This will be published before the end of this year and distributed to all members. STATIONERY Before the next bulk order of stationery is made by Adcom, the findings of Wellington branch's study of the report form layout will be considered. JOINT BEST-OF-YEAR WINNERS Adcom is to look at ways of making a single card in these competitions. FAMILY MEMBERSHIP When more than one member of a family is a League member and only one copy of the Times was required, first member pays \$4.00 and subsequent members \$2.00.

So concluded a most convivial and worthwhile weekend in sundrenched Dunedin.

# SHORTWAVE MAILBAG with John Mainland

Another good month for many, with rewards aplenty from the postman. Away we go with.....

CHRIS MACKERELL, Nelson who has logged 9 but received no QSL's this month.

MURRAY ROBSON, Christchurch has QSL's in from Peking 3 freqs, Moscow 9680 Havana 11760 Italy 11905 9710, Tirana 11985, VLI6, DW 9765 6185 Lithuania 9745 11960, Pyongyang 9515 Romania 15250 11940 9690 ORF 9655 NHK 11815 15300 SBC 11880 9535 IBA 11960 Hanoi 15105 RA 10 freqs using two special '73 cards. Re your query. Adventist World Radio (Voice of Hope) and IBRA Radio both use 9670 khz from Sennes Portugal. Think 'Voice of Prophecy' is a programme name only. See WRTVH Page 32.

JOHN WATSON, Waipawa advises a mystery mailbag call from Tashkent, and QSL's from Madrid 9520 11925, Sweden 11705 11940, Cabada 6145, UN 9565 VOA Phil 9660, DW JuRich 9765, Vatican 11725 11705, RAI 9575 11810, TWR Monte Carlo 9525 Tahiti 11825 15170, RA 8 freqs. When in Wellington ring John Mainland 768-762 or Bryan Clark 43-870.

BILL HUDDLESTON, Auckland has eleven reports away and veries back from Havana 9525 Vatican 11705 RAI 5990 RA 7180 Bangladesh 15525 Japan 17745. 25 countries now to hand for contest.

DES DAVEY, Te Kuiti has five reports out and QSL's in from Portugal 6025 and 3 from RA. Hope you're well again Des.

JONATHAN AITCHISON, Dunedin has QSL's from Budapest 9833 Austria 9655 Spain 11925 HCJB 5990 Moscow 9700 12000 NHK 9505 DW 9690 TWR Monaco 9525 ORTF 9700 9710 Poland 9540 & pennant, plus a flush of pennants from Canada and BBC. Station of the Month will certainly be published whenever space permits.

RAY BABBAGE, Melbourne has 10 reports out but no QSL's to report. Ray is holidaying in Australia - back in a few months ! Wot a life !

RAY CRAWFORD, Invercargill has QSL's from BBC/FES 3915, Tahiti 15170, Southern Highlands 3275, VOA Mon 5955 VQ09 9545 Cuba 9525 Gabon 3300.

TONY MARR, Wellington has sent in a "quality" list for Bandwatch including ten loggings. Now for the QSL's - and countries.

ERROL MONSON, Dunedin has QSL's in from VQ04 VOA 6040 TWR Monaco 7105, VOA 7270, Moscow 9530, AIR 9530, Austria 9655, HCJB 9745, Vietnam 10040, Peking 11600, NHK 11960, Belgium 15235. Prefer QSL's to be listed in columns as they appear here i.e. call/freq. Bandwatch form for loggings only.

JACK SEARLE, Haumoana has logged 18 and QSL'd RA Dar 6075 Shepp 9540, Moscow 9610, DW Koln 9640 7130, Lisbon 9740, CFRX 6070 VOA Rhodes 6015 TWR Bonaire 15350, Havana 11910, FEBC Manilla 9505 15300, RAI 6050, Bucharest 17850.

NIGEL ROBINS, Wainuiomata has QSL's from RTV Dominicana 9505 plus pennant, and Budapest 11910. Four reports out.

CHRIS PIKE, Christchurch has had a busy two months with 33 reports out and QSL's rolling in from Portugal 6025, 11840, Prague 5930 7345, Warsaw 7270, Japan 3 freqs, AFRTS 6110 9755, Vatican 9615, Cairo 9475, Moscow 15180 9730, TWR 7290, ORTF 9710, SBC 9535, FEBC 11890, RBI 9500.

JACK FARROW, Lower Hutt has two out this month and QSL's from ORTF 7135 Austria 9655.

BRYAN CLARK, Wellington has ten reports out and QSL's in from Lae 3220, Brasilia 15445 with pennant, Helsinki 9585 (19 days.)

ERIN ARDLEY, Auckland has 12 out and QSL's from Cuba 11815 and Norway 11850. 25th Entry forwarded to Invercargill.

RENNE LYNNBERG, Lithai Bay has 7 out  
and GST's in from SEARV-DZUS 9650,  
Brazilia 9665 15445, Voice of Hope  
Stnes 9640, VOA Monrovia 3990 BDC  
15200, TWR Monte Carlo 9525, Atlan-  
tida Iquitos 4790.7,

JOHN DURHAM, Whangarei has amassed  
the following during the last couple  
of months: Bucharest 9690 VOA Green  
9565 9555 9635, Tiansg 15290, RSA  
11970, Gairo 9475, RA Shepp 21550  
15240 21740, HCB 11715 17755, CBC  
11825, DW Kohn 9650, Peking 15030,  
Vienna 15210 9655, Rome 17775, VOA  
Kavala 9715, Delano 9660, Lisbon  
15315, Vilnius 11730, Moscow 15290  
9550, Pakistan 17935, Israel 11960  
Havana 15250 9525, Mendt 3275,  
Tunis 11970, UN Greenville 11830,  
BGC 9825, LimaSol 11760, RA Dar  
9730, Daru 3305, ORTF 9620, UN Dix  
9555, FBBC 15440, TWR Bonaire 11785  
TWR Monte Carlo 11890 Rome 17795.

Better than my postman.  
STEVEN GREENBER, Invercargill has  
them back from Gabon 3350 Atlantic  
4905 Altiplano 5045 Ghana 4915  
Vilnius 11735. A good selection  
Steven.

PAUL PHOSP, Tauranga has GST's Tah-  
iti 15170, Paris 7130, RNE 11775,  
Vatican 11645, Brazil 15445, RSA  
11970, Peking 11720, Japan 15445,  
ABC Perth 15425, VOA Phil 15210,  
Tangiers 7270, Penants from Brazil  
Japan and Peking. Thanks Paul.

JOHN MAINLAND, Wellington has GST's  
in from Vatican 7235 Singapore 6000,  
Vienna 9685 11905, HJKE 6125, Pak-  
-istan 17935 15335 21730 17830, OAS  
-G 15160, VOA Kavala 7240, Norea  
Radio 11915, Brunel 7215, DW-J 11810,  
Lagos 7275, RN Talata 9605, RTLE  
11755 Riga 5935, Sweden 6045 Tashkent  
15460, Brussels 11920.

LINDSAY ROBINSON, Invercargill has  
GST's in from Logo 5047, Luxembourg  
6040, Senegal 7208, (both country)  
Bucharest 9680 BDC 15070, Vilnius  
11740 Southern Highlands 3275  
Jakarta 7270. Penant from Peking.  
ARTHUR CUSHEN, Invercargill. 7 out.  
GST's d Algiers 6145, HSD 5970.

JIM SELBY, Fortna has fourteen  
reports out but no GST's to report.  
JOHN BATHURST, Christchurch has  
GST's from RA 9700 Vatican 9615  
Japan 11780 Budapest 11910 IBA  
11945 Vilnius 11735.

PETER JACKSON, Dunedin has them back  
from Vatican 9615 Norway 9645  
Portugal 11935 RA 15265 5995.  
LEIGH MORRIS, Palmerston North in  
his first contribution to Matibag  
has GST's from ORF 9655 IKU 15345  
RGI 9625 Sweden 11940, Finland  
15185 ORU 15235 Poland 7270.  
Thanks Leigh. Would be helpful if  
GST's presented in list form.

BOB BOUNDY, Christchurch has GST's  
from Cuba 15230 Nederland 11730,  
Korea 9640, Japan 9505. Good to see  
you and Pam in Dunedin BC.  
BRIAN GALT, Palmerston North has  
GST's from Solomon 3995, Moscow  
11770 VLW6 6140 TWR Bonaire 11930  
NSB 6055 RAI 7275 Bucharest 11775  
RNE 11925.

ALAN ROBSON, Christchurch has logged  
25 during the month and GST's RA  
Shepp 11765 Dar 17870 Prague 5 Trqes  
Jerusalem 11960 Moscow 9730 BGC 8  
Trqes, UN 5955 Canada 9625 NHK  
17855 PyongYang 9515 ORTF 11735  
Vilnius 9745 Finland 9550 Popondetta  
2468 VIK3 3925 Western District  
3305 Bougainville 3322. One of the  
quiest Alan!

DES ATWELL, Wanganui has logged 5  
and GST's RA RN Peking VOA and HCB.  
Frequencies please of GST's Des.  
JOHN HILLIER, Masterton has GST's  
from RA 7 Trqes RBI 9500 Prague  
7345 9540 14855 Perth 15425. Thanks  
John.  
for well set out Bandwatch notes  
JOHN NEWMAN, Twizel has logged two  
and GST's RAI 7235 CBC 5960 Senegal  
7210 Tahiti 11825 (after ten months)  
Logo 5047.

ALEX STUART, Dunedin has four  
reports out and GST's in from Noumea  
3355 Singapore 5052.  
IAN WATTS, Milton. Six out. In from  
Tahiti 11825 Indonesia 6045 IBA  
9670.

# SW BANDWATCH

Undoubtedly highlight of this months contributions has been the appearance of Cook Islands in the 25 metre band, first observed around midday on 14th September NZT by Nigel Robins and several times since by Wellington members. (In fact your typist has them at good level as these pages are typed on Saturday 6th October!) Some very good loggings have also been made of Africans on 90 and 60 metres, and the approach of Summer is opening up the 13 metre band for us.

ALL TIMES GMT (add 12 hours for NZT) FREQUENCIES IN KILOHERTZ

PROGRAMME AND RECEPTION DETAILS INTL

1750 0958 AUSTRALIA VIR2V University of NSW with lecture on metrics. Noisy. EM  
 2428 0913 PAPUA-NEW GUINEA Kavieng, a new station logged to s/off 1100. SG

2468 1017 PAPUA-NEW GUINEA Radio Popondetta at fair level. BH

3220 1149 PAPUA-NEW GUINEA Radio Morobe with 'sing-sing' programme. DC

3227 0615 LIBERIA ELWA Monrovia good copy in vernaculars. TM

3260 0620 NIGER presumed to be African observed here at weak level. TM

3316 1845 SIERRE LEONE observed in English & vernaculars, fair. Also fair 0615. TM

3325 0545 VENEZUELA Radio Monagas fair thru teletype one Saturday. BC

3331 1805 COMORO ISLANDS Moroni poor-fair reception in Comorian language. JM

3345 1130 PHILIPPINES DBZ strong signal with news in English. JS

3350 0600 GHANA Accra excellent with news in English! TM

3360 0940 PAPUA-NEW GUINEA Radio Milne Bay, very good. CM 0739 Severe GRK Noumea. FR

3366 0602 GHANA Accra poor with news in English when 3350 at very good level. BC

3380 1809 MALAWI Blantyre fair with news in English. Weather report at 1817. BC

3925 0830 PAPUA-NEW GUINEA VK3 Fort Moresby loud but thru severe static. GP

4675 0630 ECUADOR Radio Nacional Espejo excellent at s/off. ( pity they dont QSL!) CM

4755 0505 COLOMBIA HRC Bogota with full 'Carnacol' network ident. BC Also at 0623. SG

4780 0555 ECUADOR Radio Atahualpa noted with identification and s/off 0620. SG

4790 1645 APFARS & ISSAS Djibouti fair copy with chants. TM

4807 1827 REUNION ST Denis ORTE fair talk in French. BC

4810 1846 LUTIN ASSR (USSR) Kyzyl good with pops-stevie wonder, Engelbert Humperdinck, music. Slight telegraphy interference. DL

4839 1845 ZAIRE Bukavu good with prog of African music. TM

4845 1820 BOTSWANA noted with vernaculars. Good copy. TM

4855 1825 MOZAMBIQUE Lourenco Marques clear in Portuguese. TM. 1830 Good music prog. BC

4865 1849 AZORES Ponta Delgada prog in Portuguese followed till 1930 fadeout. TM

4872 0920 INDONESIA HRI Sorong briefly fair in Indonesian. BC

4875 1800 PAKISTAN Karachi fair with news in English. TM

4880 1830 ZAIRE Kinshasa weak in French. TM

4882 0630 DOMINICAN REPUBLIC Radio Comercial good, manyidents. CM 0700. NR 0750. BM

4890 0900 PAPUA-NEW GUINEA VLT4 with ABC news then local news, good. JM

4890 1900 BANGLADESH Dacca with news in Bengali. BC. 1845 English dictation news. TM

4902 1940 SRI LANKA Colombo excellent all night on Full Moon days. TM

4915 1913 KENYA Nairobi with national service in Swahili. SG

4930 0640 DOMINICAN REPUBLIC HIBE Radio MLI at fair level. CM

4935 1735 AZAD KASHMIR Radio A-K with vocals, Urdu anncs and ident to s/off 1800 Radio TM

4940 0600 LYON COMST Abidjan s/on with anthem. SG Very weak. JS

4945 0700 COLOMBIA Radio Colocol excellent in Spanish & English. HC 0830 Id & adverts. BM

4980 1816 GHANA Ejura with English talks and adts in vernaculars. BC

0535 VG in Spanish. LW 0604 good FR 0612 offering 'station flags, cards', JS



FREQ	TIME	COUNTRY	PROGRAMME AND RECEPTION DETAILS	INITS
5000	1420	NEPAL	Katmandu with English Service not scheduled in WRTVH. Hanner ADXN 4999.8m very good with anthem and s/off 1721.	TM
5035	1010	COLOMBIA	La Voz de Caqueta with music,idents and timechecks in Sp. Lohé	NASWA
5047	0620	TOGO	Lomé with spoken prgm in French. <u>SS</u> 0600 Drum beats interval signal.	BC
5052	1530	SINGAPORE	Radio Singapore logged. Poor reception.	BG
5170	1000	CHINA	PIA Fukien s/on with xylophone callsign & anthem, then Chinese talk.	NR
5955	0400	GUATEMALA	TGNA logged in English. Severe interference.	JS
5970	0500	PERU	OBX4Q El Sol, very good copy. <u>JS</u> 0638 good in Spanish.	PF
5990	0940	ECUADOR	HCJB Quito very good with DX Party Line.	DD
6006	0800	COSTA RICA	TIHB Radio Reloj very good in Spanish.	LM
6014.5	1015	PARAGUAY	ZPA10 Radio Paraguay good copy with frequent Coke advts.	TM
6033	1300	THAILAND	Voice of People of Thailand, good at s/on in Thai.	PereraUADX
6040	1330	UNITED ARAB EMIRATES	Dubai fair in Arabic. <u>TM</u> Fair, improving with native mx. 1400 Id: "...it'haa t'il jumhuriyah...al Arabiyah...Huna Dubai.." <u>DL</u>	DL
6045	0400	SWEDEN	Stockholm in Swedish to 0430, fair. <u>JM</u> 0330 English, blocked USSR 4.	AC
6055	1045	JAPAN	JOZ2 Nihon SW Broadcasters, fair reception.	BG
6065	1700	ETHIOPIA	ETIFL fair with news in English, to s/off 1710. Internal Service.	JM
6110	0936	UNITED STATES	AFRTS Delano, excellent level. <u>EM</u> 0820 very good.	CP
6120	1030	AUSTRALIA	RA-Darwin good opening in Indonesian to Asia.	EA
6125	0700	CANADA	Montreal, English to Africa. <u>VG</u> but QRM HCJB. <u>BC</u> 0710 good.	PF
6130	0500	NORWAY	Oslo fair in Norwegian to Europe at s/on.	JM
6130	0830	ECUADOR	HCJB good on this new frequency. <u>JA</u> Religious prgm to Sth Pacific.	MR
6145	1007	UNITED STATES	UN via Dixon. United Nations news in English, Tagalog, Thai.	TW
6145.7	0516	NIGERIA	NBC Calabar fair-good in English with pops/native mx & advts. Full ident 0545 then news. QRM Deutsche Welle carrier 0540. Some jamming.	DL
6150	0715	CHILE	Voz de Chile good strength with occasional English pops.	SG
6155	1845	AUSTRIA	ORF fair reception. <u>BG</u> . 1855 Vienna with mailbag in English.	BH
6165	0810	BRAZIL	ZYR58 Radio Cultura good in Portuguese.	LM
6165	0415	MONACO	Trans World Radio DX Special in English, fair. Saturdays only.	JM
6175	2100	GREECE	EIRT Athens in Greek to Australia. Fair at opening.	JM
6404	1100	THAILAND	OR Sor, Royal Palace Station with English pops. Goonetilleke	UADX
7230	0755	SPANISH SAHARA	El Aaiun s/on with RNE i/sig, ident 0800, fadeout 0815. Padula	
9460	1005	CHINA	Radio Peking VG-Exc with new frequency to Aust/NZ.	MR /ADXN
9515	0940	BRAZIL	PRD5 Rio de Janeiro, very good.	LM
9515	1312	NORTH KOREA	Pyongyang fair strength in English.	JH
9515	0415	TURKEY	Ankara has news at this time, fair signals.	RC
9520	0736	PAPUA-NEW GUINEA	Port Moresby, suffering interference UN Radio, Greenville	EM
9525	0800	MONACO	Trans World Radio new freq in English, Sundays. <u>AC</u> 0830 fair with religious prgm thru moderate noise. <u>BH</u> 0834 Sundays, fair.	JD
9545	2245	SOLOMON ISLANDS	VQ09 fair with request session.	RC
9545	0225	WEST GERMANY	DW Cologne good, blocks Lebanon 0230. <u>JA</u> . LEBANON 0232 fair.	TW
9550	0600	FINLAND	Helsinki very good in Finnish.	PF
9570	0630	NIGERIA	RTV Kaduna logged in Hausa till 0650 when covered by RA carrier.	JM
9585	0256	FINLAND	Helsinki s/on & ½ hour in English, then Finnish to 0430. Moderate splatter PJB until 0320, then reception fair improving to good.	BC
9585	0500	ISRAEL	Jerusalem good on new freq //9009, 11960 in English. French 0515.	JM
9620	0800	BRAZIL	Radio 9 de Julho, sign-on at good level.	JD
9620	1545	ABU DHABI/UNITED ARAB EMIRATES	poor copy in Arabic. Beware Sofia, Bulgaria in Arabic to s/off 1530 on this frequency.	TM
9640	0500	PORTUGAL	Adventist World Radio via Radio Trans Europe, Sennes with DX Session in English. <u>CC</u> <u>LM</u> Good reception.	BG
9640	0900	SOUTH KOREA	Radio Korea, Seoul news in English, good. <u>LM</u> Very good in English. <u>JH</u> 0908 fair. <u>JF</u> 30 min English prgm. <u>DD</u> 0920 Average prgm.	EM
9670	1946	PORTUGAL	IBRA Radio via Radio Trans Europe, Sennes. Good. <u>JA</u> 2003 Gospel pr. <u>TW</u>	TW

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>PROGRAMME AND RECEPTION DETAILS</u>	<u>INITS</u>
9705	1136	INDIA	AIR good 3 Sept with special Weather Bulletin for 'Rose Expedition' in English. Concluded at 1139. Delhi or Aligarh?	DL 15
11535	2059	NORTH KOREA	Radio Pyongyang excellent in English. MR Clear reception.	AR
11700	2023	ISRAEL	Jerusalem in English, fair. News headlines 2041.	JM
11730	2130	HOLLAND	Radio Nederland, Lopik good level in English. NR 2240 fair to U.S.	CM
11758	2335	COOK ISLANDS	Rarotonga with music prgm. NR 0002 Cook Is. Broadcasting and Newspaper Corporation with English & Maori talks, popular music, Radio NZ News relay 0058. Occasionally very good but suffers from deep fading & splatter Cuba 11760, Argentine 11755, BC 0047 Heterodyne from Cuba 11760. Local news followed RNZ relay, DL 0058 Radio NZ English Nx.S/off 0130.	JM
11760	2200	PHILIPPINES	VOA Tinang good with news in English.	JD
11780	0515	MOZAMBIQUE	Lourenco Marques poor in English. "Happy Day" jingles. Blocked 0532 by Radio Moscow.	NR
11780	1830	SWEDEN	Stockholm opening in English. Fair with fading.	EA
11800	0220	SRI LANKA	Colombo with Hindi mx, English ident 0230. Fair.	BC LM
11800	0200	CANARY ISLANDS	Relay of Radio Nacional de Espana. Good in Spanish.	CC
11810	0100	VATICAN	Vatican Radio logged with good reception.	EM
11815	0255	BRAZIL	Radio Brazil Central fair in Portuguese with Sports commentary.	JM
11820	0500	MOZAMBIQUE	Lourenco Marques. 4-note gong, Portuguese Nx, popular Mx. Fair.	JM
11825	0200	GREECE	VOA Kavala opens in English to South East Asia.	AC
11830	2200	UNITED STATES	WINE audible after VOA off. Good. NR. 2207 S/on in English. Mailcall 2215 Saturdays GMT. Sign-off 2315. See STATION OF THE MONTH.	JM
11850	0659	NORWAY	Oslo good in Norwegian at s/on. PF 0818 suffers interference. Also on 11860 fair opening 0700 AC 0800 "Norway this Week" logged on both 11850 and 11800, AR (Latter a new frequency? Ed) 1900 English, good.	EA
11865	0136	BRAZIL	Radio Clube Pernambuco, advts & pops in Portuguese during good condx 15 Sept. Station celebrates 15th anniv with special prgms 17 October.	BC
11880	0458	TURKEY	TRT has interval signal before each hour.	SG
11920	0647	IVORY COAST	Abidjan good copy but fluttery signal.	TM
11920	0305	UNITED STATES	KGEI fair in Spanish. English 0430-0500.	JM
11920	0040	BELGIUM	Brussels to Sth America, very good. PF BH AC ex 15235 JM JH s/off 1.	
11960	0500	ISRAEL	Jerusalem, some interference. EM Nx in English. RC Replacing 11945.	
11970	0730	UNITED STATES	VOA Greenville good in Arabic to Middle East.	CC
12175	1230	ICELAND	Reykjavik with Icelandic talks and music. Pearce SRK	
15084	0558	IRAN	Teheran Home Service opening at excellent level.	TM
15110	0825	PHILIPPINES	APRTS fair to South East Asia from this relay site.	CP
15120	0200	SRI LANKA	Radio Ceylon with BBC News. RC 0230 English gospel brdcst, fair	LM
15150	2245	CHILE	'International' Service at very strong level 1/10GMT. Ident as "En las bandas Internacionales de 19,25,31 y 49 metros, las Emisoras Chilenas presentan Chile en el Mundo" NR. A letter from Chile dated 9/9-4 days before overthrow, states that pro-Allende Radio Magallanes was now using 9575, 11800 and 15185. AK.	
15165	0730	DENMARK	Copenhagen, fair with English ident, then Danish prgm.	PF
15170	2100	LIBERIA	ELWA Monrovia, Arabic gospel prgm over Tahiti. 2115 Id: "El-wah"	NR
15170	1745	TAHITI	ORTF Papeete. News in English, deep fading. PF 0315 Polynesian Mx.	LM
15185	2030	FINLAND	OIX4 DX prgm in English, good. LM 1000 fair in Finnish.	JH
15260	0030	ASCENSION ISLAND	BBC relay logged at fair level.	PP
15260	0820	JAPAN	Far East Network, Tokyo. Poor copy.	JS
15350	1910	LUXEMBOURG	French popular prgm. JM 2000 "Les Informations" good signal. Commercial-type prgm in French. Fair till 2138, BC 2200 French songs/talk	RC
15445	2300	BRAZIL	Radio Nacional's English Service retimed 2300-0000. JM. 0455. fair.	CM
15460	1200	UZBEK SSR	Radio Tashkent good with English news.	JD
15520	0045	BANGLADESH	Dacca with English news. TM 0138 English. New QSL in 14 days.	BH
17745	0800	GREECE	EIRT Athens in Greek to Australia. Mixed with Cairo.	JM
17825	2130	ALGERIA	Algiers logged with French talk on Non-Aligned Conference.	PF

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
16 17830	0230	PAKISTAN	Karachi with English nx at Dictation speed for Far East//21590. 0535-0600 programme good.	JM EM FF
17855	2031	LIBERIA	VOA Monrovia logged with weak signals.	JH
17880	0755	PORTUGAL	Lisbon poor in English.	LM
21460	0850	BELGIUM	ORU Brussels fair in French.	LM FF
21465	0700	EAST GERMANY	Radio Berlin International, English programme, fair.	LM
21480	0800	MALAGASY REPUBLIC	Radio Nederland Relay, weak in Indonesian.	FF
21495	0730	PORTUGAL	Lisbon good in English to Aust/NZ. FF 0800 DX prgm Monday VG.	LM
21510	1100	USSR	Radio Moscow good with English news to Asia.	BH
21515	0000	PHILIPPINES	"FEBC Radio International" good. JM. 0830 English Nx VG.	LM DC
21520	0700	SWITZERLAND	SBC Berne s/on, news, current affairs. Good reception.	LM AR 0926DC
21525	1930	UNITED STATES	WNYW good to Europe till 1945 when target area changed to Africa - then poor reception.	BC
21570	0759	JAPAN	NHK Tokyo excellent in English to Europe.	DC JS

<b>CONTRIBUTORS:</b>	LM Leigh Morris	JH John Hillier	MR Murray Robson
EM Errol Monson	DC Dudley Carter	TM Tony Marr	IW Ian Wells
SG Steven Greenyer	BH Bill Huddleston	BC Bryan Clark	JS Jack Searle
DL Dene Lynneberg	JM John Mainland	NR Nigel Robins	BG Brian Gall
CM Chris Mackerell	BW Bruce Williams	JD John Durham	SRK Swedish Radio Club
EA Erin Ardley	AC Arthur Cushen	RC Ray Crawford	UADX Union of Asian DXers
PP Paul Penberthy	JA Jonathan Aitchison	NASWA Nth American	SW Association
CC Colin Campbell	JF Jack Farrow	ADXN Australian	DX News.

WITH THIS ISSUE OF THE TIMES MEMBERS WILL RECEIVE AN ABBREVIATIONS GUIDE. PLEASE TRY AND USE THE ABBREVIATIONS LISTED IN FUTURE CONTRIBUTIONS. ALSO NOTE THAT IF YOU LOG A STATION IN THIS MONTH'S BANDWATCH, IT SHOULD ONLY BE SUBMITTED NEXT MONTH IF YOU HAVE ADDITIONAL INFO OR THE STATION IS NEW OR RARELY HEARD.

#### SHORTWAVE MAILBAG - Continued

COLIN CAMPBELL, Rotorua has six out but QSL's in from HJKE 6125, Norway 15345 Nederland Bon 9770 Japan 17725 17825 RA Shepp 3 freqs RAI 11905 RSA 21545 11970.

HARRY SEARLE, Invercargill has 6 reports out and QSL's from Kuwait 9600 VLW9 Cuba 11910 Spain 11925 Tahiti 15170.

DUDLEY CARTER, Invercargill has veries from DZF2 11920 ORTF 11725 9710 VOA 9565 9555, BBC 9410, Vienna 9770.

MICHAEL POLLARD, Christchurch has QSL's from RA Shepp 11790 Tahiti 15170, Havana 11910, Luxembourg 6090 NSB 6055 RNE Noblejas 11775 Sackville CBC 5970 Atlantida 4785 with pennant.

#### JUBILEE REPORT - Continued

Mr Kennedy spoke on problems in communication between men, the domination of the news media by TV, and the transistor radio revolution. He considered the transistor possibly the most significant invention this century - providing millions with a contact & knowledge of the outside world and increasing the expectations of the developing nations.

On Sunday morning, hosts Jack Fox, Peter Aburn & George Beardsmore entertained the wives at Clveston, a stately home, while members attended the AGM. Our thanks go to these 3 for organising a highly enjoyable and successful gathering.

Apologies & Greetings were received from: Ken Mackey, Keith Barton (Adelaide), Frank McKenzie, Des Lynn, Don & Stephen Reed Jim Martin, Ian Peterson, Robin Bromby and Bryan Marsh. Roll Call: Mr & Mrs Jack Fox, Mr & Mrs Jack Blacklock, Mr & Mrs George

Beardsmore, Mr & Mrs Owen Crawford, Mr & Mrs Peter Aburn, Mr & Mrs Paul Arosen, Mr & Mrs Bob Boundy, Mr & Mrs Murray Lamont, Mr & Mrs Errol Monson, Mr & Mrs Bryan Clark, Mr & Mrs Merv Branks, Mr & Mrs Arthur Cushen, Mr & Mrs Edgar Macaskill, Mr & Mrs Ross Gibson, Mr & Mrs Ray Crawford, Mr & Mrs Peter Grenfell, Mr & Mrs Graeme Shillito, Mr & Mrs Lance Johnston, Frank A. Wilson, Ross Renton, Ted Sutton, Tony King, Graham Pont, Ito Tsukigawa, Arthur Campbell, Eric McIntosh, Arthur Williams, Harry Searle, Harry Weatherley (Melbourne), Sutton Burtenshaw.



# ARTHUR CUSHEN'S SHORTWAVE REVIEW 17

Radio Sweden plans to have its third 500kw transmitter in operation next month, while the Belgium Radio has announced that their new 250kw transmitter will come into service on February 19th 1974. The Vatican Radio are carrying out research into increasing their power to 500kw from 100kw, while Radio Australia has been told that the Government are looking towards a replacement for the 50 and 100kw transmitters at Shepparton in terms of units of 250kw, as some of the Shepparton transmitters are 30 years old. This continuation of a move to higher power is regretted in some quarters by DXers, but one piece of good news this month is that as from 9 September the USSR stopped jamming broadcasts in the Soviet languages made by the BBC VOA and Deutsche Welle. There was a break from 1963 to 1968 when VOA was not jammed, but it has been suffering jamming again for the past five years.

ALGERIA Radio Algiers is heard from 0600 on 17825 with a French programme. According to the latest schedule this frequency is in use from 0600 to 2400.

AUSTRALIA Radio Australia has two special verification cards to mark the '73 year, and these are now being issued. The book on aeriels has recently been reprinted.

BELGIUM Brussels is heard in English 0040 - 0100 on 11920 at fair level. The other frequency 9655 is received at poor strength.

BONAIRE Trans World Radio opens at 0800 on 9570 but is blocked by Radio Australia up to 0915. The signal is at excellent strength after this time. The stations is heard closing in Dutch to Europe at 0530 on 11930.

BRAZIL Radio Nacional Brasilia now has English from 2300 - 0000 according to their new programme schedule. They are using 9665 11720 and 15445. At 1030 they have been heard on 9665 in Portuguese.

ECUADOR HGJB Quito now has DX Party Line three times a week and each is a different programme. The programme to the South Pacific is heard on Monday Thursday and Saturday at 0930 and is broadcast on 6130 9745 and 11915. The programmes are repeated for listeners in North America on Tuesday at 0300 and Friday and Sunday at 0230 on 11740 and 9560. European listeners can hear the programme on Monday Thursday and Saturday at 1930 on 17775 and 15300.

ETHIOPIA ETLF has been heard to sign off at 0403 in French on 11795.

GREECE VOA Kavala opens at 0200 to South East Asia on 11825 in English at good strength. At 0300 Kavala opens to Africa on 11845.

MONACO Oslo opens at 0700 on 11860, but the frequency is blocked by the BBC at 0730 with its transmission to Africa.

PORTUGAL The Voice of Hope has been heard at 0505 on Sunday with the DX Session on 9640. The station announces plans for a full hour of English on Sunday from 0900 to 1000 on 9670. This programme would be made up of 0900 Voice of Prophecy, 0930 World Religious news, 0935 World DX News, 0945 Inspirational programme.

SPAIN Madrid opens to Latin America at 2200 on 9630.

SWEDEN Stockholm has English at 0330 - 0400 on 6045. The frequency is blocked at 4.p.m. by Moscow.

UNITED NATIONS

UN radio is heard in three transmissions to the Pacific and Asia on Saturdays as follows:

0230 - 0245 on 21630 15365 17850 21570 (Malaysia)  
0845 - 0900 on 5955 9565 (Australasia)  
1000 - 1015 on 9565 6185 17860 15250 (South Asia)

VATICAN

The Vatican has two daily transmissions in English to Australia and New Zealand. At 1125 on 17800 and 21485. At 2210 the programme is on 7235 9615 and 11705.

**STATION OF THE MONTH**

WINB, Red Lion, Pennsylvania began transmitting on the SW bands in October 1962 as a privately owned commercial SW station. At that time it was owned by Rev. John M. Norris and is presently owned and operated by World International Broadcasters, Inc - a Corporation of which Rev. Norris is President and major stockholder.

From the beginning WINB has been used mainly by religious broadcasters, who purchase time to broadcast programmes as a missionary outreach. The transmitter, with an output power of 50kw, and studios are located 1½ miles east of Red Lion. Target areas are Western Europe and the Mediterranean area of Northern Africa.

WINB is at present noted on 3 frequencies: 17720kHz 1900-2000 GMT, 15185 2035-2200 and 11830kHz 2205-2315 hours GMT. Listeners letters are replied to on Saturdays in a programme called Mail Call, at 1930, 2115 and 2215 GMT. The station address is WINB, P.O.Box 88, Red Lion, Pennsylvania 17356, U.S.A. JM



**WORLD INTER-NATIONAL BROADCASTERS**  
— INC. —

Transmitter Power: 50,000 Watts - ERP in Target Area in Excess Of 1,000,000 Watts



QSL from Franceville, Gabon 4830kHz.

1974

**WORLD RADIO HANDBOOK**

Copies are expected via surface mail by March, and members who purchased 1973 editions will receive full details of the new edition in January.

A SPECIAL OFFER to members is the facility to have the 1974 edition AIRMAILED direct from Denmark in January for \$7.00. Prompt ordering is essential

Write today to the sole agent -

**ARTHUR CUSHEN**

**212 Earn St. Invercargill**

WANTED Eddystone 680X or S750. Phone 854 Lichfield, or write M. Nicholson, Te Rere Road, R.D.1 Tokoroa.

**BEST OF THE MONTH**

UNDER 9; Steven Greenyer with Gabon 3350 4kw 131 points.

OVER 9: No entry!! A lost opportunity for everyone. Please don't let this happen again!

First up this month is Jonathan Aitchison of Dunedin, who uses a 'middle-aged' 5 valve Philips radio, with about 115 feet of wire in a 'U' shape at a height of 10 feet for an aerial.

Ian Harris of Wellington is studying electrical engineering at Canterbury University, which no doubt helped when he built his Heathkit SW717 from a kitset. A 15 metre long-wire, 5 metres high running NNW - ESE serves as an aerial. Ian says the Heathkit goes quite well but is not too selective.

Roy Knox, Hamilton has an 'elderly' Eddystone 740 and 'modest' longwire for his short-wave listening.

Nick Kendall, Wanganui also uses an Eddystone 740 to pull in the Africans, when not attending lectures at Canterbury University.

Graeme Shillito, Dunedin gets some good ECB results from his 1961 model Murphy M66 with 6 tubes. Aerial is a 130 foot longwire to NNE, 20 feet high.

Mike Smith of Matamata writes that he now uses a recently acquired National Panasonic S-100 replacing a 5 valve Gulbransen and 9 valve Ultimate. A 40 foot tower and 3 x 20 ft poles support a series of 3 stacked vee-beams pointing in different directions.

Erin Ardley, Auckland recently purchased a 34 ft mast from Valentines for use with his Eddystone EC1Q communications receiver.

From Twizel, John Newman writes: "I use a Trio 9R-59De receiver, Digital Frequency Meter made by Medical Teletronics (up to 30MHz readout), tape recorder, antenna tuner and switching unit (home brew), Heathkit Q-multiplier, Practical Wireless AF Processing Unit and typewriter".

Gavin Waters of Wellington gives a detailed description of his receiver, an AWA 4-band tuner/amplifier, model ASM A 16/47 with a similar tuner circuit to a 4-band portable marketed by both AWA and Murphy. Frequency coverage MW 510 - 1630kHz, SW1 1.9 - 6.3MHz, SW2 8.9 - 16MHz, SW3 was 16 - 24MHz but Gavin has changed this to 17.5 - 26.5MHz by twisting the right coils in the oscillator section of the tuner. The tuner has 4 transistors, 1 diode, 3 IF stages, narrow or broad bandwidth selector and cheap tuning meter. Tuning coils for the 3 stages plus trimming capacitors have enabled him to improve peaking. A Radio Nederland Q-multiplier is being constructed for use with the tuner. As for the antenna; it's a wire strung around the ceiling and finishing at the bed springs!

TO BE CONTINUED.



## Utilities

RICHARD WALSHE, Wainuiomata opens this month's mini-section with logs of RTA 14996, RKM 15004 RID 10004, LCL 15000, Gdynia Radio 8757.6, WOM, WVW 5000, ZME 7890, VH-EGI 8847, Lord Howe Met

5638, ZIC Chathams, Ocean Monarch GVSV 8255, ZK-NZC 5638. Logged and verified are Ocean Gate Radio WOC, ATTC Dixon 9170, WWHV 2500, 20000, Sydney Radio 19465, VKS 95; Lighthouses ZLOA Baring Head 297.5, Cape Campbell 286, Brothers Island 317; Ships ZMS1 Otago 8236.4, ZMCR Canterbury 12425; Aircraft RNZAF Devons 1827 1828, VH-EAE, VH-EDA, VH-EAB, VH-EBD, VH-EAJ, VH-EAH, VH-EAG, VH-EBV, G-ASGC, ZK-NZE, ZK-NZF, ZK-NZG, ZK-NZD, ZK-NZL, 5W-FAO, AA201 all on 5638, VMJVD, VMJVE, VMJVH, VMJVF all on 8847; Auckland Aeradio ZKAK 5638, Norfolk Island CW beacon 376. Richard asks for info on Oakland Radio and 'Missionary' noted on 8.9MHz till 0555 GMT. Anyone help? ERROL MONSON of Dunedin has a QSL for Radio Nederland via P.T.T. 10735.5, a point-to-point relay.

# ..sign-off.

CHANGING TIMES. Ramadan, the Muslim Holy Month takes place in late Spring (NZT), and many Arab stations stay on all night during this period. This year its from 28 September-27 October. Summer Time concludes in the United States on 27th October and begins in Australia on 28th October. As not all states are affected familiarise yourself with the details on page 22 of the World Radio Handbook.

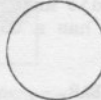
NEW POWER FOR BELGIUM. 2 new 250kw transmitters have arrived at ORU Wavre and will be on air by 15 February 1974.  
DX Corner Belgium.

VOIX DE LA REVOLUTION CONGOLAISE is sked as follows, from Brazzaville: 0430-0700 on 3232 (4kw), 6115 & 4765kHz (50kw); 0700-1700 on 3232 & 4795 (4kw), 7175kHz (25kw) and 9610 (50kw); 1030-1400 on 15190kHz (50kw); 1700-2300 on 3232 (4kw) 4765, 9715 & 15190kHz (all 50kw).  
A.E. Martin NASWA.

ABC QUEENSLAND. As a result of complaints regarding non-acknowledgement of reports to the ABC in Brisbane, the League President Merv Branks wrote to the Manager for Queensland earlier this year. A reply was immediately received stating: "We are pleased to receive reports on the reception of our programmes and indeed we acknowledge them, after checking, as promptly as possible".

SWAZILAND NEWS CONTINUED. Trans World Radio's new station is expected on-air in early 1974 with a 50kw MW outlet and 2x30 kw SW transmitters. Later a 400kw MW transmitter and possibly 2 more 30kw SW outlets will be added. Swazi Music Radio broadcasts 0400-2200 on 6155kHz in English. It may have increased power on this frequency to 150kw. 3223kHz is no longer used and the MW outlet 1376kHz has been heard in Melbourne.  
ADYN, ASWLC, SCDX 11/9/73.

IF YOUR SUBSCRIPTION IS DUE THIS MONTH, A COLOURED STICKER WILL APPEAR HERE. RENEW YOUR SUBSCRIPTION PROMPTLY TO ENSURE THAT YOU WILL RECEIVE NEXT MONTH'S ISSUE. ADVICE WILL BE GIVEN TO OVERSEAS MEMBERS PRIOR TO THE MONTH DUE.



## New Zealand Radio DX League

### ADMINISTRATIVE OFFICE

P.O.Box 1313, Invercargill.

All subscriptions, membership enquiries, stationery requirements and policy matters should be addressed to Invercargill.

### EDITORIAL OFFICE

P.O.Box 2956, Wellington.

Only queries relating to content and distribution of the Times should be addressed to Wellington. Closing date for contributions:- first Wednesday of the month. Advertising:-\$0.50 up to 30 words. Other rates on request.

Annual Subscription: \$4.00  
(Secondary Students: \$3.00)

RADIO NEW ZEALAND will conduct frequency tests later this year on various channels, some possibly out-of-band, for back-up radio services to Australia during the Commonwealth Games in Christchurch - 24th January to 2nd February 1974. Frequencies and transmitters will be in use for all broadcasts from the Games.

Bill Pearson, Dene Lynneberg.

HGJB VOICE OF THE ANDES intends buying an RCA transmitter of 250kw and expanding their antenna system. DX Partyline is now broadcast 3 times a week. At 0930 Mondays, Thursdays & Saturdays to South Pacific; to Europe at 1930 on the same days GMT; and to North America at 0300 Tuesday, 0330 on Friday & Sundays. All times & days GMT.  
Colin Campbell, SCDX 18/9.

LATIN HOLIDAY. Well-known Dutch DXer Maarten van Delft made the following observations on a trip to South America recently :- from Uruguay, Radio Sarandi has dropped 15385 but still uses 11885, 9515 & 6010 and the latter outlet is said to be beamed to Americas. 11835 is used by Radio Libertad Sport for sports broadcasts, and Radio El Espectador with other programmes. December will see Radio Nacional, Paraguay move to a new building to prepare for a Foreign Service in English & Spanish on 6030, 100kw. Radio Encarnacion 11947 5kw is off the air awaiting new transmitter valves.  
SCDX 21/8/73