



NEW ZEALAND DX TIMES

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April 1980

TO YOU THE READERS

IT is nearly a year since Bryan Clark gave up his position as Chief Editor of the 'Times'. During the year he held that office he developed the journal into a respected and professional publication and he made every effort to ensure that the high standard he had set should continue. Time showed that certain changes were necessary and in the latter part of 1979 the writer became Editor. Being conscious of my comparatively short involvement in DXing and even less knowledge of editing a magazine, a small but knowledgeable MAGCOM was nominated to assist. Those concerned are all DXers of standing and two Tony King and Brian Strong are both involved in practical aspects of broadcasting. Then there are John Mainland, a dedicated DXer and a monitor for a number of international broadcasters and Bruce Williams who is Assistant Editor and Publisher.

MAGCOM meets at regular intervals to discuss various aspects and problems - and here an apology for the delay in getting out the March number. We believe that distribution problems have been solved and that things will go smoothly in the future. One thing MAGCOM would like is some feed back from members of the League and with this in mind we are proposing a 'Letters to the Editor' feature to be published as and when space is available and certainly at least twice a year. MAGCOM is very conscious that though there are over 650 members in New Zealand and Overseas, not more than ten per cent contribute to the various sections of the 'Times' and not all of those with any regularity.

The Mailbag and Sandwich sections - both Medium and Short Wave - are the backbone of the journal and Best of Month, Ladders and Continents Listings provide for the competitive instincts and are of continuing interest. At present TV/F. DX has limited appeal. It is hoped that the Equipment Review section can be expanded/modified so that not only new receivers are reviewed but information can be given about preselectors, A.T.U.s, antennas and other ancillary equipment. A lot, of course, is dependent on the space we have available and much which is planned will have to wait its turn.

The May issue will be back to 20 pages - so PLEASE let us have your ideas and views for publishing them - and if you have any ideas you think will help other members - from how to keep logs to storing QSLs - tell us about those too - other members may be looking for the information and this is where the older hands can really help the newcomers.

NEW ZEALAND RADIO DX LEAGUE

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DEADLINE: NOON, 5/5/1980 - LOGGINGS: VERIES: B.O.M.

FROM THE BRANCHES

② CANTERBURY - Means to be in this month - they have sent two reports to make sure. 11 members attended the March meeting and 2 new members, Max Burke and Frank Van Waelsden, were made welcome. Above average reception was discussed by David Ricquish who predicts a good Latin American season. The April meeting, to be attended by HCJB's Roger Stubbe, will be at Alistair Stewart's home, 37A Merrin Street, Avonhead (Tel. 588-496) at 2 pm on 20th. May meeting on 25th at Stuart Forsyth's, 8 Longden St., Darfield. All members welcome. Competitions: EC - 1XB - 110 pts - L. Johnston/S. Forsyth. SW - Over 9 R. Moscow (Freq. ?) S. Forsyth.

NORTH OTAGO - 1980 activities got underway at the Feb meeting with 11 present. Monthly meeting will be on 3rd Thursday - Juniors 6.30, Seniors 7.30. Working bee to carry out minor repairs at L.P. Arrangements made for evening at Baptist Hall, Severn St. on 23 April when HCJB visitors will give a talk and meet local radio enthusiasts. (? time - Ed.) Gamaru Postmaster Rogers gave an interesting talk to 14 members at the March meeting on various aspects of Tele-communications with special reference to Maritime Distress and the satellite station at Warkworth. Next meeting - 17 April.

WELLINGTON - 6 Members attended the March meeting at Bob Connor's. There was a general discussion of what is being heard and of various methods of storing QSL cards. This was followed by supper and some listening on Bob's Eddystone receiver. Competitions: SW under 9 - Philip Hamlin: Fides, Bolivia - 4845. Over 9 - Jnr. David McNabb: Norway 9590. Next Meeting at Philip Hamlin's, Flat 21, John Aldred Block, Everton Hall, Everton Terrace (Tel. 739-893) Bring your EXOTIC QSL Cards for comparison.

SOUTHLAND - 13 members attended the March meeting at Eddie MacAskill's. Acting Chairman Arthur Williams welcomed members and the forthcoming Convention and weekend listening at Tiwai over Easter was discussed. A New gas range and other equipment is to be bought for Tiwai. DX discussion followed and Ray Crawford played recordings of LA stations made during the month. Competitions: EC BOM - Ray Crawford HJED Cali Colombia - 1260 2kw (a 1976 report). Rest of World - Arthur Cushen DYFX Cebu City, Philippines 1305 5 kw. Consolation - Mrs. I. Simpson KNIX Phoenix Arizona 1580 10 kw. SW under 9 - R. Crawford Vatican R. 6210 100 kw. Over 9 - R. Dunstan/P. Ballott HCJB, Quito 26020 100 watts. The next meeting is to be a special one at Arthur Cushen's, 212 Earn St. at 7.30 pm when Roger Stubbe of HCJB will be the guest.

AUCKLAND - There were 22 members present at the March meeting when final arrangements for the 1980 Convention were discussed and finalised. Competitions: Broadcast - John Allchin WNBC 660 kHz. Shortwave - Under 9 B. Huddleston CKZN 6160 300 w. Over 9 D. Doull/Frank Vader/Jim Gorman/B. Huddleston HCJB 26020 100 w. Next Meeting. 2 p.m. Sunday, 27 April NZART Club Rooms, 3000 G. North Rd. N. Lynn.

RADIO MONITORS INTERNATIONAL

COMPETITION

1980

To mark its 30th Anniversary RMI is conducting 'The World's Biggest DX Contest' in October 1980. It will be in three phases:

- Phase 1 - Sunday, 5 Oct. in RMI - Identify different radio stations as presented in the Quiz.
- Phase 2 - Sunday, 5 Oct. 0001 GMT to Sunday, 12 Oct. 2359 GMT. Log as many AMW channels as possible.
- Phase 3 - Sunday, 12 Oct. in RMI. - Identify different radio stations by their tuning signals, themes, etc.

Any DXer may participate in any or all phases of the competition.

PRIZES will be basically the same as in previous years and special QSLs will be issued for each frequency monitored.

market square FOR SALE:
FRG-7: 18 months old: Absolutely like new. \$420.
Reason for sale - Gone Digital. D. Fraser
655 Fergusson Drive, UPPER HUTT.

BROADCAST DX

③

POR EL PERSONAL NECESARIO

After a couple of lean years it looks like it could be a bumper Latin season, several members report reception of Argentina, Uruguay and BRAZIL, as well as the more usual S.A.s. here's hoping that things continue as they have been in the last month.

Closer to home there is still plenty for the local DXer to look at. Been and gone, is Radio Sunshine Te Anau, 1359 kHz, operated by the Te Anau Round table to raise funds for a Community swimming pool. Southland members only learnt of the station's operation, two days before it was due on over Easter.

Radio Rhema, 2XG, 1503 kHz, Wellington is on the air now for two months relaying Christchurch 3AG, and providing a good signal in the south.

For those who missed Radio Kaska, 1584 kHz they should be back on the air from 26/4 until 9/5, per a R.C. QSL card note.

Radio Bosom will be back on the air 16/4 until 20/4 and then may be running five nights a week on a permanent basis. per V. van Lyk.

Also from Auckland is news that Radio Hauraki did a test on 1188 kHz one afternoon so it is still probably worth keeping a watch on the frequency. J. Allchin

MAILBAG.
Vivian van Dyk, Auckland. has reported 2ZM, Noumea, 2ZW, 2ZG, Windy, 1XX, 2BL, 4QR, Fiji 711 and has veries from 2ZW, 2ZG and Windy. thanks for info.

RAY CRAWFORD, Invercargill had a good Easter with logs of Mitre 790, Continental 590, Excelsior 910, Carve 850, Oriental 770, Monte Carlo 930, Tigre 1500, Transmisoras Caldas 1060, XEBCQ XERC, Cuba 500, KOGT, XLRPK, Musical 1280 EL 801 960, Cordobesa 1220, Continental 950, L.V.d Los Andes 1390, DWKV, 846, DYLA 1452, Singapore 792, KRI Biak 1037, BEV78 1400, HLRH, Dubai 1481, Monte Carlo 1467, China 936, 1062, 792, 909, 1089 2 stations, 1071, Vatican 1530. VOA Rhodes 1260. Saudi 1512, 1521, Iraq 909, Nice 1557, DW Malta 1557, TWR Monte Carlo 1467, Pakistan 612, Rhema 1503, Te Anau 1359, 6BL, 6MM, 6PH, 2AP 1062, 2CT 1602, 4XR, 2XC, and the veries are 2XR, WOC, KNIX, JOHF 1440, 4xr, Vision 1260, a great list whats for next month.

KEITH ROBINSON, Kapuka, has reported DYFX 1305, 3EA 1224, 2KM, NX, EA, XC, RE, 4TO, IP, MB, XR, EQ, 5PI, CX20 930, CX16 850, LR6 790, LR3 950, LU3 1200, veries in from CHPC, CKLC, 1XX, 1XX, 4MB, VOFA, KBCQ, 2RE, 4XR, 5PI, Rakiraki 1323, and 4KQ.

ANDREW BOOTH, Darfield, verifications in from 1ZH, 1XI, 3ZC, 4XO and 2LT, thanks for your notes Andrew, no problems at all.

PETER JONES, Hamilton. out to KDAY, KNIX, 2AY, 2VA, 1XB, 2PK, and QSLs 1XB and 2VM.

LINDSAY ROBINSON, Invercargill, logs 4XR, Hauraki, QSLed 4YK.

BOM. R. Crawford, HJEF 1260, 2kw. 146 pts.

DAVID RICQUISH, Christchurch has logs of 1XC, XX, ZA, 2XC, ZA, ZN, ZW, 3YR, 4XR, YA, ZA, 2BS, CT, EA 1584, KA, LP, NC, OO, PK, 3AK, EA, KZ, MA, KP, NE, WL, XY, 5AA, VL2NI, 2AP-2, Wallis 1188 Vila 1125, KNIX, Antilles 930, Onda Popular 1040, Minería 1060, Calidad 1230 QSLs are 2ZA, ZN, ZW, 3YR, 4XD, XR, ZA, 200, PK VL2NI, 2AP-2. thanks for info.

ROBIN CHAMBERS, Opunake, is another with some good Latins logged HJEE 1380, 2XB, Radio U. LV2, LR1, R. Globo 1220, LS4, Sonorama 780, Antilles 740, LRA21, CX12, HJFJ, LRA4, and veries of R. Waves, 2XR, KARZ, 7ZR, KHEI, KISA, and KNIX, thanks for trail robin, thinks are looking up.

ARTHUR CUSHEN, Invercargill. has verified 4XR, 2XR, 2GN, 3XB, KNIX, DYFR, 4MA, and has logged 2EA 1224, 4NA, Apia 1062, 6GN, 6BD, 2NR, and Singapore 837. ta.

BRIAN WEBB, Upper Hutt, has veries in from Fiji 711, A3Z, 1XA, XB, XK, XP, YW, ZN/ZK, 2BA BS, CH, GL, KP, KY, NR, OO, TR, XA, XR, 3DB, YC, YZ 4IF, XR, YW, YZ, .

DELE LYNNEMERG, Wellington. reports Vila V.O. Rev Party for Reunification 1053, Rhema 1503, veries in from 2XR, ICRT 1550, WCCO, and KGYN.

HANK WILKINSON, California. has veries from 1ZD, China 1035, W9ZC, country 78, 4XO, Fiji 1467, and Malaysia 594. reports out to. 4YA, and tentative to JOHB/JOQF.

BRYAN CLARK, Auckland, reports Maska Radio and Radio Ribbet, one QSL from 2XR, Ta

LEIGH MOKRIS, Palmerston North, has QSLs only from Ribbet and Maska,

STEVE GREENYER, Invercargill, logs Tigre, Monte Carlo, VL2NI, Sunshine, Rhema, XERC, Musical 1280, verie, Ribbet.

BROADCAST TRAIL ④

590 LS4 R. Continental 0730-0830 RC, TY
 610 Nueva Granada good 4/4 TY
 620 Ciudad de Cali good 17/3 TY
 625 XERFM fair to good 5/4 TY
 670 LT4 R. Dif. Misiones good 0825 TY
 Heard 15/3 but quickly faded RC
 690 LRA4 R. Nacional good 0825 24/3 RC
 Uruguayan 0836 RC
 720 Rebelde mixed 4YZ 0904 25/2 RC
 740 Antilles good in FF 0939-1004 11/3 RC
 Good at s/on 0931 13/3 RC
 770 Tequendama fair 4/4 TY
 CX12 Oriental strong 0923-0940 RC
 Also very good 0845 17/3 TY
 780 Sonorama Ex 0830 10/3 freq ID's RC
 790 LR6 Mitre Ex signal 0750 17/3 TY
 Heard strong 0835 7/3 RC
 XERC fair 0820 24/3 TY
 850 CX16 R. Carve very good 0925 on TY
 17/3. Better signal than ever heard on its SW freq of 6155 here. RC
 870 LRA Nacional fair 0950 24/3 TY
 880 Union good 0630 4/4 TY
 910 LR5 Excelsior good 0935 17/3 TY
 930 Continental 0645 faor 5/4 TY
 WKY over KHJ 0720 5/4 TY
 CX20 Monte Carlo good 0935 20/3 TY
 Antilles s/on strong 0900 12/3 DR
 940 R. Eco good 0907 23/3 RC
 950 Belgrano good 0830 7/3 & 24/3 RC
 970 LU2 R.General Paz 0900 1/3 RC
 980 El Sol good 0630 4/4 TY
 990 XET 0700 mixed KHVH at times RC/TY
 Voz de Medellin 0905 23/3 RC
 1000 LV de Cartagena often good TY
 1030 Pacifico good 0640 5/4 TY
 1040 Cnda Popular many ID's. 0825 DR
 1060 Minería Ex sig 0905 1/3 RC
 Also heard Ex past 1035 DR
 Transmisoras Caldas good 0715 TY
 Aslo 0733-0802 23/3 RC
 1070 Santa Fe good 0620 5/4 TY
 LR1 El Mundo good 0733-0806 Mny ID's TY
 1110 Reloj good 0800 5/4 TY
 1130 LRA21 R. Nacional strong 0730 10/3 RC
 CKWX 0815 Powerhouse DR
 1140 Cristal 0635 good 5/4 TY
 1180 Surcolombiana good 0620 4/4 TY
 Petrolera 0806 strong DR
 WHAM very strong 0705 DR
 1190 Cordillera always good TY
 1200 Argentinian good at times 0800 RC
 1220 R. Cordobesa 0615 5/4 good for 15 mins before XEB dominated freq. TY
 R. Globo good 0753-0824 7/3 RC
 1230 Calidad often good from 0615 TY
 1280 Musical good 0610 4/4 TY
 R. Tupi ?? fair 0820 16/3 RC
 1320 XECMQ fair 0720 17/3 TY
 1380 Triunfo de Boyaca good 0715 25/2 RC

1390 LV de Los Andes fair 0630 6/4 TY
 1428A R. Faranaense heard once only 16/3 TY
 Some good peaks 0717-0749 RC
 1490 Punto Cinco good 0715 DR
 1500 Tigre good 0700 20/3 TY
 1566 Norfolk Is. Program summary 0720 SG
 Show tunes 0725 DR
 610. KUAM good often 1500 TY
 612 Pakistan fair with News at 1730 TY
 Not listed in WRTVH. 5/4 heard. TY
 648 1558 Kremlin Bells thru Aussie TY
 Saudi Arabia super powered signal TY
 1800 on 4/4 TY
 750 CBS Taiwan good signal 4/4 1600 TY
 792 Singapore with EE news 1530 TY
 846 DWRV heard to s/off after Easter Mass on 4/4 at 1645. Good signal. TY
 1037 RRI Biak good to s/off 1353 off listed freq of 1044. R.Crawford. TY
 1260 VOA Rhodes fair to good with QRM from 3SR nothing heard from Avon at 1915 TY
 1359 R. Sunshine, Te Anau. Difficult to copy Much fading and only odd periods of reception from 1810-1825 two mornings over Easter weekend. Heard once only in the evening. TY
 1400 BEV78 fair with ID 1700 4/4 TY
 1452 DYLA good to s/off 1710 4/4 ann 1550 TY
 1467 Monte Carlo good signal 1730 4/4 TY
 TWR Monte Carlo good to fade out 2000 TY
 1481 Dubai very strong 1700 TY
 1512 Saudi Arabia another super power 1800 TY
 1521 Saudi Arabia over NZer 1845 4/4 TY
 1530 Vatican very strong 1845 4/4 TY
 1550 ICRT good often 1300 on TY
 1557 DW Malta good to s/off 1750 TY
 Nice often under/over Malta TY
 1593 Langenburg ex sig 5/4 1800 all over R. Pacific DX session. TY
 TRAIL from RC Robin Chambers, TY R.Crawford, S.Greenyer, A.Cushen, R.Dunstone, P.Aronsen.
 BILL JOLLY, Kawerau, one out to 2ZM QSL's from Waves, Fiji 711, 1XP, Windy. Ta.
 BOB DUNSTONE, Invercargill, has reports out to KHVH, WVUV, 1XX, XW, XP, XECMQ, Mitre 790, Carve 650, Continental 590, Excelsior 910, Oriental 770. Welcome to the pages, a fine first list.
 DEXTER POWLEY, Dunedin, reported 1XB, 4XR, 4XD 4XG. Verles in from 4XR, 4XD, 4XG. Hi, stranger.
 IAN CATTERMOLE, Bleheim, Reports to 2ZE, UE, BY, GF, 3WN, 4QN, 5BY, 6BS, JOAB, YJB1, 1XB. Verles in from 1XX, 2XR, 2ZH, BY, UE, KY, 4CD, 6XM, 1XB, JORB/PC, JOOG.
 ALISTER STEWART, Christchurch, report logs as WLW, 1XL, 2ZM, YA, ZE, XC, 1ZA, 4XR, Radio U. Verles in from CBU, KCRL, A3Z, 2XR, 1XK, 4XO, 1XC, 2ZD, 3ZE, 3ZC, 2XW, 1XA, 1XC. Tnx.

SOME LATIN AMERICAN HISTORY

⑤

You may have noticed in the Latin America news published that there were several countries with Independence days on September 15 and wondered why. Here we have an article explaining just that, written by César Objío and appearing in the NRC DX NEWS.

Early in the Nineteenth Century all Central American countries; Costa Rica, El Salvador (then named or known as Soconusco), Guatemala, Honduras (known as Comayagua), and Nicaragua were Spanish colonies, all of them a part of Capitanía General de Guatemala, with the government seat in this city. On September 15, 1821, Gabino Gainza, last Spanish governor declared the territory independent from Spain, at the same time Costa Rica, El Salvador, Honduras and Nicaragua backed this declaration and were independent also without a fight. All these new countries decided to join the Inturbide empire in Mexico as a protective power. But Inturbide was forced to abdicate in March 1823 and these countries then formed the "Federación de Provincias Unidas de Centro América" by themselves. Political discontent forced this Federation to be dissolved, so Guatemala separated in April 1839, Nicaragua on April 30, 1838, Honduras on November 5, 1838, Costa Rica in November 1838 and El Salvador on January 31, 1841. But they still celebrate their independence day on the date they decided to be free from Spain: September 15, 1821.

As to the Cuban independence, it is celebrated on February 24 by exiled Cubans, or pre-Castro Cuba, or the day when the fight against Spain started on February 24, 1895. Right now the celebration date is July 26 in commemoration to the failed attack to Moncada Police Headquarters in Santiago de Cuba during the fight against Batista. Failed attack, because the attack was really a failure as most of the attackers, including Castro, were taken as prisoners and later deported to Mexico.

In the list there are two other countries missing: Haiti and Panama. Haiti was the second country in the Western Hemisphere, after the United States, to be free. Their independence dates back to January 1st, 1804. They were slaves and a French colony. On February 4, 1794, they started the fight headed by Toussaint L'Ouverture, a slave who at the time was a general in the French Army, but he was defeated by the Napoleon Army and taken to France as a prisoner. The fight was continued by Jean Jacques Dessalines and Alexandre Petion till they defeated the French army and independence was proclaimed on January 1st, 1804.

Panama celebrated independence on November 3, the day they separated from Colombia. Panama first declared its independence from Spain on June 22, 1826 and joined Gran Colombia, then formed by Colombia, Venezuela and Ecuador, but on November 3, 1903, separated from Colombia in order to start the construction of the Panama Canal with the United States after the French company had to sell the rights because of tropical diseases and failure.

LATIN NEWS

COLOMBIA: RCN broadcasts "El Mundo de las Noticias" Mon-Fri 0430-0500. 1380 HJLM R. Rumbo ex Industrial. 1460 HJNA LV de la Amistad heard here, presumed changed with HJZU Narino now on 1340. HJFY Avenida on 1390 ex 1370. 1530 HJDN LV del Cine ex R. Cine. Radio Mira 6015 was destroyed by earthquake on 12/12, presume also 1190. 1280 LV del Rio Suarez now 2.5kW. HJZV 1160 now 10kW.

ARGENTINA: LRA13 560 now 25/6kW. LRA4 690 now 25/5kW. LS1 710 now 50/10kW. LRA7 710 now 100/10. LR6 790 now 50/10kW. LRA8 820 now 25/5kW. LR3 950 now 90/30kW. LRA15 1030 now 50/10kW.

URUGUAY: 810 R. El Espectador now 60kW.

VENEZUELA: News from R. Rumbos is relayed on many stations, including Sucre 600, Maracaibo 740, Punto Fijo 940, LV de el Tigre 980, Barcelona 1080, Angostura 1100, Carupano 1110, Puerto Ordaz 1250, and of course Rumbos 570 and 670.

PERU: All stations as per WRTH except 560 R. Programas del Peru ex LV de Oriente. 930 Moderna ex Central. 985 Estacion X ex Impacto. 1060 R. Exitos ex Mil Sesenta. 1080 Nacional Mil Ochenta off air. 1130 R. de Futuro ex Selecta. 1470 R. Frecuencia ex Inca del Peru. 1040 Onda Popular was having transmitter trouble.

TNX to NRC for this Latin News.

COLOMBIA: Reporting in the NRC Ernie Cooper notes that Colombians are heard giving call letters on the hour and half hour. Ray Crawford also notes this and it often helps in getting an ID.

CONVENTION 1980

⑥

SOME RANDOM THOUGHTS
by Stuart Forsyth of Darfield

I was informed that I would self destruct in 10 seconds if I decided against writing this article. The choice to be made was obvious. So, once again I sit with pen poised awaiting inspiration to fall as the gentle rain of heaven upon the place beneath. The subject: The NZRDXL Convention 1980, Motu Moana Camp, Blockhouse Bay, Auckland.

An assembly of some 40 Sons and Daughters, nice to see the girls there, of the Earth, were present to experience a truly magnificent convention. Visitors came from as far away as Vancouver, Mt Gambier (Sth Australia) and Ecuador, to sample the hospitality and DX. Theo Donnelly our "VB" news director in his technicolour tee-shirts and self describing hats, James Niven our Australian connection, and Roger Stubbe who grows enormous aerals in his backyard were all pleasant and welcome company.

There were numerous calls to the convention; in particular the HCJB call lasted almost a quarter of an hour, our friend Keith Glover did his bit for us from Radio Australia, Radio Tashkent and Radio Auckland Two the pirate FM station on for the weekend also gave us calls. All and sundry strained ears in a somewhat vain attempt to hear Radio Condor the Irish pirate on 11643, but alas without success.

Every convention has its characters, and this one was no exception. Alice Williams was the only person with enough nerve to tell Tony Marr just what he really was, and Tony had the nerve to laugh back. Jim Gorman, David Feldon and Christ Hutton among others managed to hack the pace of all night sessions. Mark Nicholls and James Niven logged Cuba on 600 just to annoy David Ricquish (it did too!) and everyone sympathized with David over his lack of Cuban QSL's. Robert Jaffares our curious Radio Pacific DX host was the man with the roving mike and reported to the world at large that he had found David Ricquish and John Allchin alone in a secluded clearing, at midnight, sharing a sleeping bag. Very suspicious indeed! If Chris Mackrell and I hadn't been there, we never would have believed it. Jack Searle decided he was getting old. What was Phillip Hamlin doing with Tony Marr in a tent in the middle of nowhere? What sort of sight is Bryan Clark at 6 am? What sort of sight am I at 6am? Does Arthur Williams believe in taking his radio to the signals, rather than letting them come to him? Just how much was Leigh Morris prepared to pay for his penants (penance)?

These are the things that made Convention 1980 the great success that it was. Well done Auckland! It will indeed be a hard act to follow. I can not end without a mention being made of the auction; without it the convention would not have been a financial success. Great thanks must be extended to all those who contributed to the pool of items, in particular Douglas Doull, and to those who contributed to the pool of cash as a result of the buying. HOWEVER: Beware lest somebody tries to sell you a VOA tee-shirt. If they ask any more than \$25 refuse to buy, because it probably cost them only \$23.

Once again, thanks to the Auckland Branch for staging such a magnificent event, and roll on 1982!

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DUE TO AN UNAVOIDABLE DELAY, PUBLICATION OF LADDERS WILL BE DEFERRED UNTIL THE MAY ISSUE.

LA DX

For those taking part in the competition announced in the February 1980 issue of the 'Times' the following list of LA Stations from GRT via Ian Cattermole may be useful.

⑦

FREQ.	CTY.	LOCATION.	KW.	GMT.	FREQ.	CTY.	LOCATION.	KW.	GMT.
5955	NICARAGUA	BLUEFIELDS	0.5	0000-0600 1200-1700	6105	MEXICO	MARIDA	1.0	1200-0500
						COSTA R.	SAN JOSE	5.0	1300-0700
	COSTA R.	PT. LIMON	1.0	1200-0600		COLOMBIA	MEDELLIN	1.0	0500-1200
	CHILE	SANTIAGO	1.0	1000-0500	6110	DOMINICA	S. DOMINGO	1.0	1100-0500
5960	MEXICO	SIGSOQUICHI	0.3	1400-0100		HONDURAS	COMAYAGUELA	0.5	1100-0500
	HONDURAS	S. ROSA COPAN	1.0	1100-0500		PARAGUAY	ASUNCION	3.0	1500-0100
5965	HONDURAS	S. PEDRO SULA	1.0	1100-0500	6115	MEXICO	HERMOSILLO	1.0	1600-0230
5970	COLOMBIA	BOGOTA	1.0	24 HRS.		URUGUAY	MONTEVIDEO	5.0	24 HRS.
5975	PARAGUAY	VILLANICA	3.0	1200-1800	6120	MEXICO	TAPACHULA	0.3	1200-0130
5980	MEXICO	LINARES	0.5	24 HRS.		DOMINICA	SANTIAGO	0.5	1100-0500
	COLOMBIA	MEDELLIN	10.0	24 HRS.		NICARAGUA	BLUEFIELDS	1.0	1200-1800
5985	MEXICO	MEXICO CITY	10.0	1400-1600 2300-0400	6125	HONDURAS	S. PEDRO SULA	1.0	1100-0500
						COLOMBIA	BOGOTA	1.0	24 HRS.
	COLOMBIA	TUNJA	10.0	24 HRS.		URUGUAY	MONTEVIDEO	10.0	0000-0400 1100-2400
	ARGENTINA	LOMAS MIRADOR	1.0	0930-0430	6130	DOMINICA	S. DOMINGO	0.3	1100-0500
5995	HONDURAS	S. PEDRO SULA	1.0	1100-0500		COSTA R.	SAN JOSE	50.0	1200-2000
	PANAMA	PANAMA	1.0	1100-0400	6135	HONDURAS	LA CRIBA	0.5	1100-0500
	COLOMBIA	PEREIRA	1.0	0600-2400	6140	MEXICO	CHIHUAHUA	0.3	1600-0600
	PARAGUAY	P. J. CABALLEIRO	2.0	24 HRS.		URUGUAY	MONTEVIDEO	10.0	1000-2200
6000	URUGUAY	MONTEVIDEO	5.0	1000-0300	6145	MEXICO	TUXIACO	0.3	1200-0600
6010	MEXICO	MEXICO CITY	5.0	1200-0800		HONDURAS	JUTICALPA	0.5	1100-0500
	NICARAGUA	MANAGUA	0.1	1200-2200		COLOMBIA	POPAYAN	1.0	0600-2400
	COLOMBIA	PEREIRA	10.0	24 HRS.	6150	COSTA R.	SAN JOSE	1.0	1200-0600
	URUGUAY	MONTEVIDEO	10.0	1000-2200	6155	URUGUAY	MONTEVIDEO	10.0	1000-0300
6015	COLOMBIA	TUMACO	1.0	0500-2400	6160	ARGENTINA	MARLANGUE	0.3	1000-0300
	PARAGUAY	ASUNCION	1.0	1000-1900	6165	MEXICO	MEXICO CITY	10.0	1200-0600
6020	MEXICO	VERACRUZ	5.0	1130-0600		HONDURAS	TEGUCIGALPA	1.0	1100-0500
	HONDURAS	TEGUCIGALPA	0.5	1100-0500	6170	URUGUAY	MONTEVIDEO	1.0	1000-0500
	COLOMBIA	BOGOTA	10.0	0400-2400	6175	COSTA R.	PARO DEL CAR.	2.5	1000-0400
6030	COLOMBIA	BOGOTA (NAC)	25.0	0600-2400	6185	MEXICO	MEXICO CITY	1.0	1400-0400
6035	HONDURAS	TEGUCIGALPA	0.5	1100-0500		HONDURAS	S. PEDRO SULA	0.5	1100-0500
	URUGUAY	MONTEVIDEO	1.0	1000-0300	6190	DOMINICA	P. PLATA	0.1	1100-0500
6040	COSTA R.	SAN JOSE	1.0	1200-0500	6195	HONDURAS	LA CRIBA	0.5	1100-0500
	COLOMBIA	IBAGUE	10.0	24 HRS.		COLOMBIA	CALI	1.0	24 HRS.
6045	MEXICO	S. LUIS POLOSI	0.3	1200-0400					
	PANAMA	DAVID	1.0	1100-0400					
	URUGUAY	MONTEVIDEO	2.5	1000-0300					
6050	HONDURAS	TEGUCIGALPA	0.5	1100-0500					
	COSTA R.	SAN JOSE	1.0	1200-0600					
6055	URUGUAY	MELO	5.0	1000-2300					
6060	DOMINICA	SANTIAGO	0.5	1100-0500					
	HONDURAS	TEGUCIGALPA	1.0	1100-0500					
6065	MEXICO	TEXMELUCAN	1.0	1200-0600					
6075	DOMINICA	SANTIAGO	0.5	1100-0500					
	HONDURAS	SANTA BARBARA	1.0	1100-0500					
	COSTA R.	SANTIAGO	1.0	0800-2400					
	URUGUAY	MONTEVIDEO	2.5	1000-0400					
6085	HONDURAS	TEGUCIGALPA	1.0	1100-0500					
	ECUADOR	QUITO	10.0	1030-1430					
6090	MEXICO	CD. MANTE	1.0	1200-0300					
	DOMINICA	S. DOMINGO	7.5	1100-0500					
6095	HONDURAS	TEGUCIGALPA	1.0	1100-0500					
	COLOMBIA	ISPINAL	10.0	24 HRS.					
6100	NICARAGUA	OCOTAL	0.4	1200-2300					

To conserve space all station slogans have been omitted. Many were not included on the Austrian Radio list therefore this list will have to be cross referred to RTV handbook where applicable. The two Panama stations listed are:- 5995khz. "La Voz del Panama" Apartado 867, Panama 1; 6045khz. "La Voz del Bar" Apartado 160, David.

pen friends From time to time the League receives letters from overseas listeners seeking pen friends among New Zealand League members. At present we have such requests from two Finnish youths (Age 15) one Italian, two Hollanders, one West German, and one from Indonesia. Anyone interested please contact the Editor.

The following US publications may be of interest to BC Band fans: 'DX News' - write: Membership Centre, NR Club, P.O. Box 118, Poquonock, CT 06064. AND the IRCA monthly journal. Write: R. Segalas, P.O. Box 26254, San Francisco, CA 94126. Overseas \$(US)20 - via Canada. \$(US)30 via US - both Airmail. Both deal only by mail.

log 100 countries

⑧

BARRY WILLIAMS, Auckland, has written and told us how to achieve such an objective. He writes:

Last year I set myself a target - to log and verify 100 countries within 12 months or the 1979 calendar year. Below are a few statistics and comments which may be of interest to readers.

Over the twelve months 103 countries were logged and 81 countries verified. In addition at least 10 other countries were heard but not logged because I already had them verified on the frequency. After the first six months I had logged 84 countries and verified 51.

The countries not verified to date are: Albania - Bulgaria - Afghanistan - Cambodia - Turkey - Nepal - Saudi Arabia - Oman - Gabon - Yemen - New Caledonia - Kenya - Chile - Sao Tome - Ethiopia - Algeria - Uruguay - Argentina.

Obviously from the above list a second report to some of the stations would produce verifications. Now for a few percentages:

78% countries reported were verified
55% verified by airmail
78% verified with a QSL card
44% included a programme schedule
26% included sundry items such as postcards, stickers, pennants, stamps etc.

Eleven stations were logged with languages other than English. All reports were in English, on League report forms and posted by Airmail. Only two South American stations reported with Spanish programmes and neither replied to English reports.

With the exception of 11 loggings, all listening was done from my home in Auckland and the majority of the stations were relatively well received. The receiver used was a Drake R4C but I am sure that all could have been heard on most communication receivers.

I found the whole exercise very interesting and it certainly proved that 100 countries can be logged in 12 months without any great difficulty. To verify 100 countries would be a little more difficult but certainly not impossible. Also of interest was the number of countries logged with transmissions in English. So for newcomers to Shortwave Listening - set your target high and you can become a top DXer in a comparatively short time.

falkland islands

The following item is repeated from SWEDEN CALLING DX-ERS. Bob Donly tried to telephone the FIBS on Dec.3 1979. Unable to get thru to the station, he was connected to

Patrick J. Watt, Chief Broadcasting Officer, who gave the following information about FIBS: The station has a new 2.5 kW transmitter which has been installed at the newly enlarged airport. The transmitter is used for other purposes when the broadcast station is off the air. The station has a new QSL policy from Jan.1. A card is now being issued, but they are very particular about the accuracy of reports. So far four cards have been issued. Since the opening of the enlarged airport, airmail service to the islands has been quite reliable. (SPEEDXGRAM) Fq. 2370 KHz. (Is it possible that the report of FIBS in NZ recently was correct after all? - Ed.)



several miles

RADIO CANADA INTERNATIONAL - The SW transmitting station location at Sackville, on the Atlantic coast, was chosen after careful study had been made of radio transmission between Canada and Europe and with a view to avoiding, as far as possible, proximity to the magnetic field of the north auroral zone. The station is housed in a two-and-a-half storey white stucco building near the Trans-Canada highway between Sackville, N.S. and Amherst, N.S. The area about the building is clustered with white and orange masts and of transmission lines feeding the antenna towers of 80 to 435 feet.

MAILBAG

⑨

with JOHN ALLCHIN

I certainly hope everyone had an enjoyable Easter and that at least some of you had time to tune around the bands. There was no shortage of that kind of activity at the NZRDXL's National Convention at Motu Moana over Easter which proved an excellent success, if not for the DX heard, then certainly the opportunities everyone had to meet other DXers from both throughout New Zealand, and from overseas.

Some top quality replies this month with Kampuchea verifying reports from Dene Lynneberg and John Durham. For Dene came an English verification letter from 'The Voice of the People of Kampuchea' on 9695, for a report that was sent to Kampuchea via Hanoi back in July 1979. The letter came back via the same route on 14/3/80. Dene points out that there must be some kind of mail service operating in Kampuchea now, there were no stamps but the letter was postmarked Kampuchea (Phnom Penh) on the front of the envelope, and Hanoi on the reverse side. Certainly the first ones for New Zealand, and congratulations to Dene and John! I know a few others have tried this line of attack so will wait with interest to see if anyone else has success. Bryan Clark is the first to report in with a QSL from Dubai in response to their current series of tests, and Bryan reports one from Bhutan too, which crawled home after nearly a two year wait. Leigh Morris has the pick of the Latins with the 50 watt Surinam station Radio Apintie on 4795, Guyana 5950 has verified a few this month as have a number of Chinese regional stations.

A look now to this month contributions

BRIAN WEBB Upper Hutt, has been very busy with 114 reports out and verifies back from VL2UV 1750, P2K3 3925, SRI 3985, P2T4-P2K4 4890, H4B5 5020, VLI6 6090, DW 6185, BBC 9140, 11820, 15070, 15310, 15435, WYFR 9715, 11855, 15130, 17845, 21615, Peking 9880, RM 7230, AWR Sines 9670, REE 11785, RNZ 11835, 15345, 17860, HCJB 11900, 11910 VOFC 15125, NHK 15195, Sweden 15240, VLW15 15425, RN Lopik 17605, RN Bonaire 21640, TWR Monte Carlo 9495, 11750. Very good!

JACK FARROW Lower Hutt, has sent five out and has QSL'd Hanoi 15012. Thanks Jack.

BRYAN CLARK Auckland, has some goodies with Bhutan 4690, Action Radio, Guyana 5950, BBC Ascension 15390, United Kingdom 17705 and Kranji 15280, Dubai 21500, country no. 203!

JOHN MAINLAND Wellington, has three in from Brasilia 15125, RBI 11975, and NHK 17870.

JOHN DURHAM Hamilton, one of over 40 that made it to the Convention has verified RSA 17770, AWR Andorra 6215, ORF 21640, Harbin 5950, Fujian 5240, Lhasa 4035, Kunming 4760 Phnom Penh 9695 (great John!) Tashkent 6025 RM Moscow 7580, Zhigulevsk 9795, Georgetown 5950.

BILL HUDDLESTON Auckland, has sent six out and has them back from ELWA 11830, Hanoi 10040, HCJB 26020, 17885, Norway 9590 and TWR Swaziland 11965.

LINDSAY ROBINSON has logged seven and has a few from Finland 21465, RNZ 11945, BBC 9825 and Norway 21730.

RON SERVICE Ashburton QSL'd PBS Zhejiang.

LEIGH MORRIS Palmerston North, has some quality ones with 4VEH 11835, Warsaw 6135, AWR Andorra 6215, Ghana 4980, Sabah 4970, PBS Manila 3286, 9615, Tanzania 4785, ORF 6155, Swaziland Commercial Radio 4980, Apintie 4795 (excellent catch Leigh!) RSA 25790, HCJB 26020, MBC Blantyre 7130, Spanish Sahara 11805 (a 1975 report QSL'd via REE Madrid), Chile 17790, Mauritania 4845, Malta 9670 and Action Radio, Guyana 5950. BBC sent a pennant, and Veritas a T-Shirt.

BILL LAUDER Christchurch, sends in his first contribution and reports 11 reports out and verifications in from SRI 9560, RAI 9710, RN 9770, 11730, Moscow 11780, and Radio Australia 11855. Welcome Bill!

BARRY WILLIAMS Auckland, one of the hard working team that made Coventon 1980 a great success, has QSL'd RM Zhigulevsk 9785 Nigeria 7255 and Guyana 5950.

MIKE SMITH Hobsonville, has logged 25 and QSLs are back from AFRTS 11790, Veritas 11775, RNZ 6105, NHK 15195, 21640, YLE 21465, Philippines 6170, Pakistan 17830, RM Lvov 21530, Armvir 12010, 15210, Tula 7340, Dushanbe 17730, Moscow 7240, 15185, Vladivostok 12020, 15130. Your SS station on 6160 at 0810 is almost surely Em Nueva Granada.

TED DOWNING Wanganui, after a short break is back into it with a new DR-28 which Ted is very pleased with, but thinks the audio lacks some treble. Can anyone help? Verities back are RN Bonaire 21640, AFRTS Delano 21615, WYFR Okeechobee 21615, RM 21530 (cont)

10
 TED DOWNING (continued) KTWB 17770, Israel 11637, SRI 9535, 9560, BBC 21660, 7705, 11955, 15070, 9410 and 7150. Thanks Ted, your notes must have missed last month's deadline.

RAY CRAWFORD Invercargill, reports some recent success at Tiwai. Meanwhile QSLs back from RA 15395, 21560, Hungary 21525, Vatican 6210, RN Madagascar 21480, RSA 15155, Zhejiang PBS 2475, Heilongjiang PBS 5950. Thanks Ray, your note received 1/4.

JIM WEBB Manakau, has six in from Spain 11880, SRI 11715, Israel 15105, Bonaire 17700, RM Tula 21490 and Austria 21735.

PETER JONES Hamilton, now using a modified FRG-7 with an antenna tuner and a 7 Antenna 110 feet long by 28 feet high has logged 53 and QSL'd DUH-2 6170, HCJB 26020, 9745, 15295, REE 9630, AIR 15205, Tirana 12020, SRI 17830, Finland 11735, RFI 21620, 11845, Sweden 11705, BBC 17715 Moscow 9450, Bucharest 17450 (do you mean Peking on this frequency Peter?) RK Madagascar 11730, Lopik 9895, 17605 and a full data card from Radiobras 15290.

BILL JOLLY Kawerau, has reported four new ones and verified YLE 21465 and Sweden 11955. Thanks Bill, yes, I had a great time. BOM certificates still being prepared.

JACK SEARLE Haumoana, has sent 13 away and has them back from Nairobi 4915, 2 from HCJB 26020, NHK 17755, RFI 17860, with pennant, HZJP 15335, XERMX 15430 also with a pennant, RBI 15100, Sofia 11750, Sweden 11955, RM Vinitza 11980, Irkutsk 17880, Vladivostok 15130 and Nikolayevsk 9780. Good to see you again Jack!

BEST OF THE MONTH

OVER 9 MHz

HCJB Quito, Ecuador on 26020, with a power of 100 watts. 138 Points.

JACK SEARLE, BILL HUDDLESTON, PETER JONES, LEIGH MORRIS.

UNDER 9 MHz

Radio Apintie, Surinam on 4795 with 50 watts power. 155 Points.

LEIGH MORRIS

ARTHUR DE MAINE Auckland, has four in from TWR Monaco 9495, RSA 25790, Nigeria 4990 and RFI 17860. Thanks Arthur.

ARTHUR KINDELL Levin, has logged Maldives and Tbilisi 5040, but is still waiting for veries. Good luck with those Arthur.

ARTHUR CUSHEN Invercargill, has verified RM 7215, 7230, 9610, 6020, 5960, 7300, 7260, 15470, 12075, 17855, 17805, 17810, 15185, 15360, 15385, Veritas 15135, Bangladesh 21685, Bucharest 11840, HCJB 26020, WYFR 21655, Pakistan 21730 and Moscow 21715. Good to have you up in Auckland over Easter!

ANDREW BOOTH Darfield, Canterbury has veries in from Poland 7270, REE 9635, IBA 11655, Turkey 11880, Finland 21495 and SRI 21520. Good to hear from you Andrew, be sure to send your MW and SW notes in on separate pieces of paper. Thanks.

DOUGLAS DOULL Auckland, has verified HCJB 26020.

IAN CATTERMOLLE Blenheim, has a lengthy list with IBA 17615 for QSL no. 1250, RN 17695, 11930, SLBC 15425, Noticias Continente 9615, Vienna 21585, Moscow 15420, 15520, 9580, AIR Hyderabad 4800, Stockholm 15390, Veritas 17790 Bayerischer Rundfunk 6085, KTWB 15240, Vatican 17825, KGEI 9580, Casino 5954, Oslo 15175, Xinjiang 4970, Yunnan 2460, Heilongjiang 4840 VOFC 11745 and HCJB 26020.

JOHN CAMPBELL England, reports veries back from Del Mare 1611, Boyneside 6530, TIRL 9615 plus hobby pirates Tonga Tonga 1617, ABC Benelux 6225, Capri 6225, Horizon 6228, Tornado 6250, Southside 6280 and Channel 6552, also Nolan 7320, Black Fox 7325 and East Coast Commercial 11400. Always interesting to see what you're getting back John!

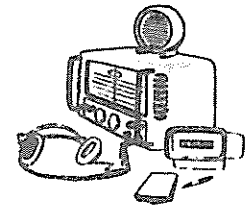
DENE LYNNBERG Titani Bay, has sent 14 reports out, and has QSLs in from Heilongjiang PBS 4925, 5950, Fujian PBS 4975, Hunan PBS 4990, RM Riga 7140, Moscow 11630, Irkutsk 17880, Cairo 9455 (Arab Republic of Egypt for ctry no. 213), TIHD Reloj 4832, SR Swaziland 4980 and that one from Kampuchea 9695. Excellent Dene!

RON JAMES Wellington, over the past few months has verified ORU 15200, Ekala 11835, RAI 15315 SRI 15130, AIR 9535, Reloj 6006 after several tries, BRT 15175, Sofia 6135, TRT 9515, OB240 6115, Pyongyang 9977, Mediterranean 5960, Bucharest 11840, Kiev 9655, 11735, 15525, Tula 15210, El Mundo 6120, LRA1 6060, Budapest 17710, AFAN 6012, TWR Monte Carlo 6125, TWR Manzini 11740, AWR Andorra 6215, Penang 4845, Lopik 5955, Portugal 15170, 9620, RFI 21620, 21580, with pennant, and Hyderabad 4800. A great list Ron, Barry sends his regards. See elsewhere for Kampuchea info.

That's it for another month. Leigh sent along a copy of his Radio Apintie verie - they comment that the transmitter is a Philips 50 watt transmitter coupled to a 5 element monoband Doublet Log Periodic antenna with a gain of 10 db. SW operations began in September 1979.

SHORTWAVE BANDWATCH

with BARRY WILLIAMS of Auckland



The logging of low powered overseas shortwave stations continues with the reporting by Ray Crawford and Arthur Cushen of Radio Condor, Ireland, 100 watts on 6243 khz. Vanuatu, formerly New Hebrides, logged by several on 7260 khz and Dubai still tesing on 13 metres in Arabic. Certainly increased listening on 90 and 120 metres with DXers logging regional Chinese. Quite a few out-of-band loggings and reports of 11 metre openings. Although nothing startling reported at Convention 1980, it was very pleasant meeting some of our Bandwatch contributors and putting a face to a name.

All times are GMT. Add 12 hours for New Zealand Standard Time. Freq. khz

FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITS
2310	1230	CHINA	Yunnan	with good signal	RS
2340	1210	CHINA	Fuzhou	Good signal at s/on but sometimes QRM with R.W.New Britain.	RS
2376	1214	PAFUA NEW GUINEA	R.Chimbu	good copy and signal	RS
				Poor in English at 1030	DF
2410	1215	PAFUA NEW GUINEA	Radio Eastern	Ireland, Good signal	RS
2428	1245	PAFUA NEW GUINEA	Radio New Ireland	Good copy	RS
2440	1350	CHINA	??	with Eng/Chinese lessons. Strong signal.	AC
2450	1216	PAFUA NEW GUINEA	R.W.Highlands	good signal.	RS
2460	1320	CHINA	Yunnan	Good signal	RS
2468	1243	PAFUA NEW GUINEA	Northern District	Strongest PNC station	RS
2475	1515	CHINA	Zhejiang	Good signal with Eng/Chinese lessons	RS
2490	1820	CHINA	Fuzhou	PLA, Fair signal	RS
2492	1400	INDONESIA	RRI Mataram	relays news from Jakarta	AC
2600	1825	CHINA	Fuzhou PLA	fair signal	RS
3120	1400	INDONESIA	RRI Dili	News then music to s/off 1415	AC
3205	1045	PAFUA NEW GUINEA	West Senik	Pop music then full announcement	AC
3220	0930	ECUADOR	HCJB Domestic Service	ID in Spanish then program in Quechua. Good at 1000 when ID in Spanish again.	DF
3310	0930	CHINA	Changchun	Program of Chinese popular music.	AC
3316	0630	SIERRA LEONE	Free town	Fair with commentaries, Vernacs.	LM
3335	1148	PAFUA NEW GUINEA	R.East Sepik	Local music, QRM.	JW
3360	0945	PAFUA NEW GUINEA	R.Milne Bay	Eng. ID then Choral music, Good	DF
3915	1829	SINGAPORE	BBC Far East Relay	Closing in EE with Positive ID.	JS
3945	0815	NEW HEBRIDIES	(Vanuatu) Vila	Very good signal. Heard to identify as Radio Vanuatu.	DF
3960	1010	CHINA	Peking	Chinese/Japanese lessons.	AC
3970	1000	JAPAN	FJOK relay with NHK news.	Good signal.	RC
3995	0525	GERMAN FED.REP.	DW	German music. ID at 0529.	DF
4000	1400	INDONESIA	RRI Kendari	fair signal	AC
4003	1400	INDONESIA	RRI Tanjungkarang	News then Pops.	AC
4380	1148	CHINA	R.Peking	Good with musical program	JW
4680	0901	ECUADOR	R.Nac.Espejo	SS music with ID at 0911. QRM. Heard good in SS at 0810; Good with ID at 0630.	MS
4699	1400	INDONESIA	Surabaya	Popular Indonesian music	AC
4753	1545	INDONESIA	RRI Ujang Padang	s/off 1600	JS
4754	1700	MALDIVES	Male	music and announcements to s.off 1730. Fair	JS
4785	1943	TANZANIA	Dar es Salaam	Good in English. Music & Anncs.	JS
4795	0807	BRAZIL	R.Dif.Aquiduaana	Mato Grosso, PP ID 0835. Music, adds, and time checks. Poor signal.	DF
4800	1030	VENEZUELA	R.Lara	1059 ID. Usual Latin program. VG signal. Also noted 0820 with excellent signal	DM@
4801	0540	ECUADOR	R.Pop.Indipemiente	Music strong, voice weak. ID 0540	DF
4805	0835	BRAZIL	Itatiaia	Good signal.	MS

FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITS
4815	0810	BRAZIL	R.Dif.Londrina	Full ID 0815, Light music. Strong sig but difficult copy due to QRM.	DF
4832	0545	COSTA RICA	R.Relej	Usual good signal, Time checks	AK
4845	0620	MAURITANIA	Nouakchott	Heard with poor signal (DF)	AK
4853	1900	YEMEN	Sanaa	Excellent with news and music in Arabic	DF
4845	0845	BRAZIL	R.Club de Para	Belem, Port. Music, many adverts. Full ID 0837, good.	MS OC
4860	0814	VENEZUELA	Maracaibo	Excellent signal soon faded.	OC
4860	0610	PERU	R.Chinchaycocha	ID at 0615. usual music.	PJ
4880	10:0	VENEZUELA	R.Universo	Fair with SS music. ID & Time 1022	DF
4895	0845	BRAZIL	R.Cultura	Pop music with frequent announcements.	AC
4905	0836	BRAZIL	Relocio	Good in PP with time checks.	JS
4910	0910	ECUADOR	Em. Gran Colombia	Regular signal	MS
4915	0800	GHANA	Accra	Good in English with news. Commenatry 0615	PJ
4931	1845	NIGERIA	Benin	News and music. Arabic, excellent	AK
4970	1545	SABAH	Kota Kinabalu	Music and announcs. s/off 1600.	MS
5005	0810	PERU	R.Jaen	regular with very good signal	JS
5010	0520	CAMEROON	R.Garoua	Fair with African music	JS
5020	1840	SOLOMON IS.	Honaria	Very good signal (AK). 0827 good signal	AK
5035	0525	PERU	?	unidentified, Fair with Spanish music and announcement	AK
5039	1832	SUDAN	Omdurman	Heard to 1945. Then QRM Tblisi.	AK /AK
5040	1825	USSR	Gosatgia, Tblisi	Home Service, Fair - good in Russian	AK
5055	0528	CAMEROON	R.Garoua	Very good with African program. French News 0600 (Moved from 5010 khz)	PJ DF
5057	0545	ALBANIA	Tirana	Home Service. Good signal	AK
5955	0803	SOUTH AFRICA	?	(unidentified) R.Berlin International strong in German to s/off 0500. 0505 station came on in Africaans? Over VOA on frequency. Gospel music, heard on Sunday, SABC?	DL DF DF DF PJ DF
5965	0910	BRAZIL	R.Guiba Iorto Alegre	Light music, frequent IDs	DF
5965	1020	BOLIVIA	R.Nac. Huanui	Full ID in Spanish. Strong	DF
6000	0720	BRAZIL	R.Inconfidencia	Good with music. PF Idents.	PJ
6045	1100	PERU	Santa Rosa	s/on. Heard 19/8 when R.Aust off air.	DF
6055	0640	CZECHOSLOVAKIA	Prague	0649 ID in German/French, Very good	DF
6062	1100	COSTA RICA	R.Neuva Victoria	weak to fair at times. Heard 17/3	DL
6090	0520	IDAHEBOURG	AWR	good in German with s/on. 0530 ID as "Simmme der Hoffnung" Sunday only.	DL DL
6115	0900	GERMAN DEM. REP.	DDR	Fair in German. Home Service.	OC
6120	0830	ARGENTINA	El Mundo	ID and frequencies announced. Good sig	OC
6160	0830	COLOMBIA	Emis. Neuva Granada	Usual latin program	RC
6175	0845	BRAZIL	R.Guarani	Excellent strength. Portuguese program	DF
6185	0535	GERMAN FED. REP.	DW	English to NA. Good over QRM.	JS
6185	0500	PORTUGAL	R.Portugal	good in English. (ex 6025 khz)	JM OC
6185	0840	INDONESIA	Manokwari	Good ID, Music program	LR
6190	0625	VATICAN	Vatican R.	Good in Italian	DL
6230	1250	AFGHANISTAN	Kabul	Fair signal with program in Dari. Heard to tune out 1336.	DL
6240	1930	ANDORRA	AWR	Voice of Hope, ID & Eng Gospel program. (ex6215)	LM
6243	0700	IRELAND	Radio Condor International	weak to fair at times. 0700 s/on. Faded out by 0725. Heard 9/3	AC RC
				Unidentified station heard 0636 - 0713. Weak and poor copy. Program of light music and songs.	DL
6346	0854	KOREA SOUTH	Voice of Hope, Seoul	s/on Korean. Good signal with some Utility QRM. News 0904.	DL
6400	1200	CHINA	Fuzhou	Fair in Chinese with ID and time pips. Slight co-channel QRM from Piongyang.	DL

FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITS
6450	1103	VIETNAM	Hanoi	Fair signal in Vietnamese, Home Service	DL
6520	1100	KOREA NORTH	R.Pyongyang	Good in Japanese.	DL
6520	1130	CHINA	R.Peking	Spanish to 1156 s/off, Fair strength	DL
6560	1130	USSR		Strong Mayak signal used to jam this frequency which is used for Radio Peking's Russian broadcasts.	DL
6590	1800	CHINA	R.Peking	News in English	AK
6665	1005	CHINA	Central Peoples BC	1st program. Good in Chinese	DL
6750	1224	CHINA	Central Peoples BC	Peking, 1st program Chinese.	DL
6765	1000	CHINA	Fuzhou	s/on Chinese. ID's at s/on. Very good sig.	DL
6790	1218	CHINA	CPBC to Taiwan	ID on 1/2 hour. Chinese	DL
6920	1850	CHINA	R.Peking	French mixed with Moscow.	JS
6955	1100	CHINA	R.Peking	Strong signal in Korean.	DL
7125	0515	GREECE		Voice of Greece in Greek, // 9655 to Middle East	DF
7165	0640	TRIPOLI		Good with Arabic program	LR
7260	0830	VANUAAATU	(Formerly New Hebrides)	English news then French 0845 very good signal.	AC JS LR
7550	1900	KOREA SOUTH	Kimje	Strong with news in Arabic	JS
9490	0417	USSR	R.Moscow	World Service, news and comment //9585,9795	JW
9495	0745	MONACO	TWR	Eng.Gospel, ID 0900.	DF
9510	0827	SPAIN	Madrid	Good in English.	JW
9525	0515	KOREA SOUTH	Seoul	Listeners Letters, Fair signal	LR
9525	0410	CUBA	R.Havana	English broadcasts to NA.	AC
9530	2100	GREECE	EIRT	Fair - good to s/off 2150, // 9640	RC
9570	1000	KOREA SOUTH	Seoul	English news moved from 9580, Good.	AK AC
9580	0957	PHILIPPINES	R.Philippines	s/on Eng. with Anthem.	AK
				1050 " Lets Speak Filipino " . Blocked 1055 by RA s/on.	PJ
9600	0730	SPAIN	RNE	Spanish to Australia, ex 9630 khz.	JM
9610	2030	MAURITANIE	Nouakchot	s/on, Guitar then Arabic til 2130.	PJ
				QRM 2125 when DW s/on /	DF
9615	2210	VATICAN	Vatican Radio	Good in English, Religious	AK
9675	0654	POLAND	Warsaw	close in English, then Polish, Good.	DF
9690	0502	ARGENTINA	R.Nacional	News in English, fair	AK
9690	1045	TAIWAN	Central Broadcasting System	s/on Cantonese, News 1100	JM
9760	1735	USA	VOA	Very good English.	MS
9910	2045	INDIA	AIR	English, very poor at s/on. Jamming.	MS
10245	1224	CHINA	CPBS, Peking	1st program, Chinese	DL
11040	1254	CHINA	CPBS, Peking	2nd Program, Chinese	DL
11100	1020	CHINA	CPBS, Peking	BC to Taiwan in Chinese, strong.	DL
11350	0923	KOREA NORTH	Pyongyang	Good with musical program	JW
11590	2300	KOREA SOUTH	R.Seoul	"News of the Week" in English.	DM@
11770	0316	USSR	R.Kiev	Good till 0325 when RCI s/on.	MS
11740	2100	ALGIERS	R.Alger	International Service in English. Fair Spanish 2130, Good signal many IDs.	JM MS
11755	0730	ARGENTINA	R.El Mundo	Full ID 0730, Spanish	DF
11785	1200	USSR	R.Tashkent	Good level in English but mixed with DW.	JS
11810	2100	ALGIERS	R.Algers	Fair with English news and news.	LM
11845	0410	CANADA	RCI	English // 9535, 5960, to C.Am. V.Gd sig.	DM@
11860	0435	BULGARIA	R.Sofia	English news, V.Good signal	DM@
11900	0245	SOUTH AFRICA	RSA	English, ID 0247, Good signal	DM@
11925	0955	PHILIPPINES	FEBC	Good with English Gospel program	JW
11955	2100	SWEDEN	R.Sweden	Poor in English to Africa	JS
11955	2044	TURKEY	V.of Turkey	Fair in English til 2100.	JS
12015	0445	AUSTRIA	ORF	General program in English, V.Good.	JW
15100	0545	GERMAN DEM.REP.	RBI	English to S.E.Asia, 1 hour earlier 0655 very good signal in English.	OC JM DM@
15120	0615	NIGERIA	Lagos	V.of Nigeria, Good strength, English.	OC
15120	0230	POLAND	Warsaw	Polish Radio fair in English.	OC

ARTHUR CUSHEN'S SHORTWAVE REVIEW

(15)

FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITS
15135	0010	NORWAY	Oslo	Norwegian except English ID at 0024	DF
15230	2200	PORTUGAL	R. Japan relay	General Svce. in English	AC
15230	2200	GUAM	KTWR	Program Indonesian Gospel music	AC
15245	0700	PORTUGAL	R. Japan relay	English to Europe	AC
15245	0050	ITALY	Rome Radio	in Italian to S. Am. Fair	JS
15310	2030	BULGARIA	R. Sofia	Good with news in English	OC
15345	1915	KUWAIT	R. Kuwait	Excellent with English requests	PJ
15365	2045	CANARY IS.	REE	Fair copy with Spanish to S. Am. ID as WRFB	JM
15385	0015	BELGIUM	Brussels	English to NA, ex 15380 khz. Fair	AC
15405	0600	SPAIN	Madrid	BC to Australia with strong signal	AC
15440	0700	AUSTRIA	ORF	English to the Pacific 0830	DF
15585	0731	ISRAEL	IBA	Home Service Hebrew, Good, No Identification	JS
15590	0837	CHINA	R. Peking	Good with Chinese / English lessons	JW
15795	0925	CHINA	R. Peking	Good in English, Political talks	DF
17710	2350	HUNGARY	Budapest	Hungarian till 0000, ID then Spanish	JM
17715	2330	LEBANON	Beruit	Arabic to S. Am. ex 15340, Fair signal	DM@
17770	0026	GUAM	KTWR	"Gospel Call", English, 0050 ID, Good signal	AC
17805	0005	PHILIPPINES	FEBC	News and "Good Morning" from Manila	JW
17820	2141	CANADA	RCI	African Service, News VG in English.	JS
17835	0230	PAKISTAN	R. Pakistan	Slow Eng. news // 21590, 21730 fair	MS
17850	1725	FRANCE	RPI	Very strong signal	JM
21470	0629	DUBAI		Good with Arabic songs and IDs, ex 21500 khz.	JM
21475	1400	PORTUGAL	Lisbon	English to India / ME, Good signal	JM
21485	0650	DUBAI		Arabic music and news heard 3/4 ex 21470 khz. fair. (Dubai seems to be moving around a bit - Ed)	JM
21500	2230	DUBAI		Very good with Arabic music. (MS) Test transmission	AC
21505	1430	CZECHOSLOVAKIA	R. Prague	Eng. to Asia / Pacific, good sig.	JM
21550	1110	GT. BRITAIN	BBC	DX session each Monday, Excellent.	AK
21705	0830	CZECHOSLOVAKIA	Prague	English to Africa, Fair ex 21705	JM
21740	0925	PORTUGAL	Lisbon	Interval signal opens 0925, Sundays	AC
25615	2345	USA	VOA	fair - good with news and music, English.	AK
25620	0114	USA	AFTS	Good signal with sports, basketball.	JW
25650	0750	MADAGASCAR	RN	Good with Dutch program.	DF
25820	1114	FRANCE	Paris	// 25900 khz, French program (JW)	DF
26000	2328	PHILIPPINES	VOA	English program "Daybreak", VG signal	DM@
26015	2259	KOREA	SOUTH	Voice of Hope, heard once on 1/3 at 2259 s/off with station ID and frequency announcement. Not heard again	PJ
26020	0800	ECUADOR	HCJB	relaying other HCJB programs. (understand HCJB is now using a quad on this frequency accounting for increased strength - Ed.)	DF LR

There were several contributions for stations reported on 29 and 30 mhz which I have omitted. All were on odd frequencies and I feel were either point-to-point stations or harmonics. None of these frequencies as far as I am aware, appear on program schedules. If proof is provided that they are legitimate SW transmissions I will then print them. - Ed.

From John Campbell we have advice of an English pirate radio on 11400 khz, Radio East Coast Commercial. 1000 - 1500 GMT Saturdays. Address 10 Box 110, Ormington Kent.

From Tiwai, the boys down there advise over Easter weekend (Sunday) a strong signal heard briefly on 11463 khz at 0852. Played medley of Irish tunes, 4 bells interval signal then cut carrier 0856. Possibly Radio Condor, Ireland??

Thanks to following contributors this month: LM Leich Morris, JW Jim Webb, JM John Meinland, RS Ron Service, JS Jack Searle, AC Arthur Cushen

DF David Fraser, LR Lindsay Robinson, PJ Peter Jones, DM Don Mitchell/Aust
AK Arthur Kindell, MS Mike Smith, RC Ray Crawford, DL Dene Lynnebar
OC Owen Cullen

Further high frequency signals have been noted with the Radio Moscow World Service on 29057kHz at 0600 and the Home Service on 29072kHz at 0700GMT. Peking on 30022kHz has also been observed with English lessons at 0500. There are many other high-lights this month with the reception of Bhutan and Vanuatu. This was part of the DX world broadcast carried on Radio New Zealand medium and shortwave on Sunday, April 6, at 1015GMT. All times GMT, 12 hours behind NZST, all frequencies in kHz.

BANGLADESH: Radio Dacca broadcasts in English 0445-0515GMT on 7245, 15400 and 21685kHz; 1230-1300 on 15285 and 21670; 1815-1915GMT on 11765 and 15285kHz according to a verification just received.

BELGIUM: Brussels using the new 15380kHz with English 0015-0100GMT mixed with BBC, Cyprus. Signals better on 15175kHz (15380 replaced by 15385).

BHUTAN: NYAB operates with 300 watts, Sunday 0600-0900 on 7040kHz and Wednesday and Friday 1100-1400 on 4690kHz. English is broadcast for the last 30 minutes. The rest of the programme is in Dzongkha and Nepali.

CHINA: Radio Peking broadcasts to Australia and New Zealand 0830-0930 and 0930-1030 on 9460, 11600, 11725, 15125 and 17635kHz. Chinese regional station unlisted on 2440kHz heard with English lessons to 1400GMT.

ECUADOR: HCJB Quito, on 26020kHz with 100 watts is now using directional quad antenna which will be rotated during the day and power could be increased to 1000 watts later. Signals still being heard in New Zealand around 0700GMT.

GABON: Africa number one still heard testing and noted on 21640kHz at 0700 GMT with Africa music and causing interference to the Austrian radio.

GREAT BRITAIN: The BBC have signed a contract for four 500kW transmitters and these are the first of these high powered units to be installed in Great Britain. They will become operational during 1983.

INDONESIA: RRI Tanjungkarang operates on 3395kHz 10kW and on 4003kHz 2500W, the schedule is 2155-0130, 0455-0715, 0855-1600GMT.

IRELAND: Radio Condor International was heard on March 9 on 6243kHz opening at 0700 here in Southern New Zealand. The station carried out tests to New Zealand during the DX League Convention over Easter and used 11463kHz between 0600-0800, but on Easter Sunday the transmission was extended to 1400. Power is 100 watts and the address is 53 Charleston Road, Ranelagh, Dublin 6, Ireland.

ITALY: Rome Radio has altered its frequencies for its English transmission 0350-0410 and now uses 15330, 17795, and 21560kHz and the latter frequency gives the best reception.

KOREA: Radio Korea is now using 9570kHz in place of 9580kHz for the English broadcasts at 1000GMT.

NEW HEBRIDES: Radio Vanuatu is now being used as the slogan for the former Radio New Hebrides, broadcasts have been noted on 7260kHz with English 0830 and French 0845. The country is not expected to change its name until May 1.

NORWAY: Radio Norway, Oslo, has altered frequencies for the transmission 0700-0830, and is using 9590, 15135 ex 11850, and 21730kHz; 1100-1230 15345, and 21730kHz, English is broadcast for the last 30 minutes of the Sunday transmission.

PORTUGAL: Radio Japan is using the Trans Europe transmitters at Sines to broadcast to Europe 0700-0730 on 15245kHz and 2200-2230 on 15230kHz with English for the first 15 minutes. 15230kHz suffered interference from KTWR Guam broadcasting in Indonesian. Radio Portugal noted on 21740kHz with interval signal 0920 Sunday, opening 0925. This frequency replaces 15340kHz.

SOUTH AFRICA: RSA Johannesburg heard on 15265kHz with English to North America has news at 0245 and closes 0250GMT. Also on 11900, 15155 and 17770kHz.

..sign off..

with JOHN MAINLAND

16

U.S.A., WYFR EE effective March 2 0100-0200 replaces 9715 with 11740. RCI DX
ISRAEL Voice of Israel EE effective March 2 at 2230, 0000, 0100 and 0200 replaces 7412 with 15582. RCI DX 25/2
SOUTH AFRICA Radio RSA EE March 2 at 0200 moves from 15220 to 15265 to avoid Radio Budapest. RCI DX 25/2
VOICE OF GREECE partial sked wef 2nd March: Greek to Europe (35kw) 0500-0830 Sunday only 11860; 1000-1430 11860; 1830-2030 9570; Greek/EE/FF/GG to Europe 1900-1950 11860(100kw), 9655(100kw), 7125(250kw); Greek/EE to Australia 0900-0950 17830(100kw), 21455(100kw); 2100-2150 Greek 9760(100kw), 9530(100kw), 9640(250kw); 2200-2250 Greek 9640(100kw); Greek/EE Japan 1000-1050 11845(100), 15345(100); Greek/EE to South Africa 1800-1850 11730(250) 15345(100), 17830(100). via ERT
SRI LANKA BROADCASTING CORPORATION the address is: Reception Reports, S. de Fonseka, Engineer, P.O. Box 574, SLBC, Colombo 7, Sri Lanka. via SLBC
HUNGARY Radio Budapest will change the times of broadcast in English beginning April 6, 1980. The broadcast to Australia/NZ/Japan will be 0930-1000 on 21525, 17785, 15220, 17710, 11910, 9835. via Radio Budapest
Radio Budapest announced in its 1200-1220 external service broadcast in EE to Europe on 4th March that, with the change to Summer Time in Hungary on 6th April, all transmissions would be on the air, one hour earlier than usual from that date until 28th September. BBC MS
AFGHANISTAN The 15305 and 11710 outlets, which carried a relay of the R. Afghanistan domestic sce and which emanated from tx's in the USSR, have been replaced since 2nd March by two new fqs-17720 and 15255. These channels are on the air from 0515-1630 and 0530-1530 respectively. Soviet txs continue to carry the Radio Afghanistan domestic sce on 7235 from 0125-0400 and 1600-1930 and on 6190 from 0125-0430 and 1630-1930. BBC MS
USSR/CUBA The Radio Moscow World Sce has been observed from the Cuban sw transmitter from 0400-0500 on 6115, from 1100-1500 on 9600 and from 1530-2200 on 11860. The North American Sce has been broadcast from 0001-0400 on 6115. BBC MS

PUBLICATION The Feb. issue of the USSR High Frequency Newsletter is out, with a comprehensive list of Soviet HF domestic channels, Radio Moscow transmitter sites, and current HF schedules for Radio Moscow and other services. A subscription is US \$3 for 10 issues, from Roger Legge, Box 232, McLean, Virginia 22101, USA. SCDX
RADIO KOREA Spring EE sked: 0730-0800 9640, 11810, 9870, 15570; 1000-1030 11725, 9570, 9525, 7275, 6135; 1600-1630 11830, 9720, 9870, 6480; 2000-2030 11665, 6480, 9870, 7550; 2300-2330 15375, 7550, 11590. JSWC via NHK 16/3
CAMEROON The Provincial Station of Radio Cameroon in Bafoussam has been observed operating on 4000 kHz. Previously this channel has been in parallel with Radio Cameroon's 4850 outlet from Yaounde throughout its audible broadcast span, but on 25th Feb the 4000 kHz channel carried light music and anncts in EE until 1900 when the station linked up with Radio Cameroon's main service from Yaounde. BBC MS
ITALIAN BROADCASTING CORPORATION has a international service effective April 6 and every Sunday thereafter, 0830-1800 on 6250 and 17940 in EE, Italian, FF, GG. RCI DX 23/3 via Charles Wootton
BELGIUM David Monson of BRT is very much looking forward to April, because on every Tuesday and Wednesday English broadcast of BRT during that Month, he will be out in Flanders doing remote broadcasts live at least on the 1600GMT broadcast. Its called "Operation Mobile Studio" and he wants everyone to be sure to listen in. G. Hauser RIB., via RN 27/3
CLUB NEWS A new club is the International Fellowship of Christian DXers, which is looking for DXers who are Christians or have an interest in religious broadcasting. The club will offer a complete range of coverage of the SW bands, but will emphasize religious broadcasting. The club will also offer a unique activity—a monitoring service for religious broadcasters. For more information, write to: David Hucaby, 569 Cane Run Rd., Lexington, Kentucky 40505, USA., SCDX 11/3
MALDIVIVE ISLANDS "Voice of Maldives" as this station is now known operates Sat-Fri 1200-1730 on 4754 7 1/2 kw. via RMI
RADIO MONITORS INTERNATIONAL There has been a slight change in the timing of the RMI DX programme in the service to All Asia. This is heard now at 1500 GMT, on two channels, 6075 and 9720. via RMI
WEST GERMANY As of April 1st Deutsche Welle is expanding the 0130-0150 English broadcast to North America to 0120-0150 GMT, more expansion is planned. RCI DX 30/3