



NEW ZEALAND DX TIMES

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Convention Specials

Further to last month's listings, we confirm that 2GZ Orange, NSW 990kHz is to provide a 15 minute programme for the League and Convention 77 on Friday 8 April after 1000 GMT news. Mr Webster, the Station Manager, writes: "We wish your Convention every success and trust that you will enjoy what you receive as 2GZ's contribution." At 2UW Sydney, 1110kHz, Al Thompson is the host for the call scheduled at about 0930 GMT Sunday 10 April. The NZDXRA are having their AGM on the West Coast over Easter, and to mark the occasion 4XO Dunedin will be off air between 1500 and 1515 GMT on Sunday 10 April (thats Monday morning 3am NZT) to allow 2CC Canberra 1210kHz to air a special call and music dedication programme. With 1210 clear, there might be a chance to log JOOR Osaka 50kw in Japan before a planned frequency change next month (see page 7). Try for these, and let the stations know of your appreciation of their cooperation with DXers! Fraternal greetings go out to those DXers gathering in Barrytown and Melbourne over Easter.

Guam due on shortwave

Watch out this month for initial tests from the new 100kw Trans World Radio transmitters on Guam. At our last communication with TWR in mid-March, additional work on the antenna system was underway, with testing expected early in April. The latest tentative schedule we have, from NASWA member Roger Legge is - 1100-1300 GMT to China on 11705kHz, 1300-1400 on 9510 to South East Asia. We've pointed out that Radio Australia use 11705 between 0800 and 1730, so use of that frequency by TWR is very unlikely. Good listening!

Times they are a'changing.

Summer Time is over for us, but in the Northern Hemisphere everyone's into the act. Here's our exclusive summary of what's what. 20 March-22 October: United Kingdom & Ireland GMT+1; 27 March-24 September: Portugal GMT+1; 3 April-24 September: Canary Islands GMT+1, Spain, France, Belgium, Holland, Luxembourg, Poland all GMT+2, Greece GMT+3, Cuba GMT-4; 3 April-15 October: Turkey GMT+3; 17 April-17 September: Malta GMT+2; 24 April-29 October: Bermuda GMT-3, Bahamas, Jamaica, Turks & Caicos Is. all GMT-4; Baha California (Norte) area of Mexico GMT-7 (balance of Mexico on Standard Time), Canada and USA time zones all back one hour (eg Eastern Daylight Time GMT-4, Pacific Daylight Time GMT-7) but no change in Hawaii or Alaska; 1 May-3 August Morocco GMT+1; 1 May-31 August Syria & Jordan GMT+3; 1 May-30 September: Albania GMT+2, Lebanon GMT+3; 22 May-24 September: Italy GMT+2.

Closing date

Once again our closing date is amended, this time to allow your Editor to join the DXcursion to Australia. Next deadline is TUESDAY 26 APRIL at 5pm. Send news of your DX, QSLs, B-O-M's to Box 2956, Wellington.

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FROM THE BRANCHES

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SOUTHLAND The March meeting was held to Arthur Cushen's with 15 present. President Neville Henry presided over his last meeting before leaving for a year overseas, with fellow branch member Arthur Williams. The visit to Tiwai was very successful, with plenty of DX. Discussion on the pirate station Radio Sunshine was enlightening, and members reported on their recent DX. The next meeting will be held at Eddie MacAskills on 26 April. Competition Results:- BCB Ray Crawford with Costa Rica 1525 2kw and Bayrak Cyprus 1095 10kw. Merit to Neville Henry WLW 700 50kw. SW Paul Aronson Tunisia 15220 50kw and Lindsay Robinson Radio Liberty 3936 (? Ed) 10kw.

CANTERBURY There was a good attendance of 11 at the March meeting held at Andrew White's on the 23rd. Business was quickly dealt with, to enable the Convention Committee to meet. Membership enquiries have already started to come in as a result of the articles published in suburban newspapers. Several Convention matters were finalised, and with the many activities organised, a good time should be had by all. Competition results: SW to Austin Hadler with Kiev 5920 and Bucharest 15345. BCB Open to Andrew White WXL 1385, Nth.Am to David Ricquish KCRG, A.NZ to David Ricquish, Bruce Officer and Andrew White 2XA 1260. Next meeting will be held 7.30pm Wednesday 20 April at Jamie Hines, 34 Celia Street, Redcliffs.

WELLINGTON The March meeting was held at Bruce Williams on the 25th, with 9 present, including new branch members/visitors Mike Smith (Matamata), Bruce Lister (Masterton) and Robin Chambers (Opunake). Discussion again centred on arrangements for the planned reception for Keith Glover in Wellington during April. Competition Results: SW Senior Dene Lynneberg Zaire 15350 100kw & John Mainland Benin 4870 30kw. Junior Paul Edwards NBC Nigeria 4900. BCB Dene Lynneberg CPOK 1370 10kw & Lisbon 1578, Paul Edwards 1XB 950 100w. Next meeting will be centred around the visit of Keith Glover around 23/24 April.

dx people....

Easter 1977 see's a big influx of overseas visitors to NZ for the League's Convention in Christchurch. On behalf of all members we welcome Radio Australia's popular host of Mailbag and Club Forum programmes - Keith Glover, who, accompanied by his wife Gwen, is presently vacationing in NZ. Also from Australia we welcome back Harry Weatherley of Melbourne, Chris Martin and Jack Buckley from Sydney, Keith Barton of Adelaide, all attendees of past League Conventions. Ernie Moore of Brisbane joins us for his first League gathering, and last by no means least, Norm Maguire of Hawaii will be combining Convention DX with a sightseeing tour of NZ and Australia. Hope you all enjoy your stay!

A health germ goes out to League members currently unwell - Ian Rush of Dunedin, Jack Farrow of Lower Hutt. We wish you both a speedy recovery recovery and return to the dials! Des Davey in Te Kuiti has also been laid up - the new Yaesu should be an encouragement Des!

BROADCAST MAILBAG - OVERFLOW!

NORM MAGUIRE Hawaii, who will make our Convention a truly international affair, has reports out to JOSE, KJNP, 4YZ, 2NR 2KP and 200. QSLs include Fiji 810 and 4BU. Thanks Norm - will you collect 4YZ verie, hi!

PAUL ORMANDY Oamaru has verified KMFC & 2XA. Reports to WHAS, OAX4A, CB138, Cairo 773. Good luck with Colo Colo. I got a Christmas card from them, but no one has ever QSL'd them anywhere to my knowledge. I was penal to Chief Engineer's wife and still couldn't get ppc! Don't recall yr BOM last month. 553 is Radio Libertad, CR; 1515 is YNCZ per US reports of late last year.

MERV BRANKS Invercargill has logged 6WF and verified 2XA, 4MK (with \$16 Parker ballpoint!) plus membership of 3ZA Break-fast Club, 4ZB/Edmunds Breakfast Club, plus a KSL Blue Chip plastic badge. An interesting breakfast Merv!

PAUL EDWARDS Wellington has reports to FEN 1590 (1580? Ed), XEROK, WCKY, Paradise 1265, Noumea 670, Cayman 1555. (Did you get an ident on this Paul? or is it tentative?) QSLs from KMPS, KGA, 2XA, KKIS, KNBR and 1XB.

ONE MORE 'OVERFLOW' ON PAGE 7!

It seems those of us who are unaccustomed to early rising or are limited to loop aeriels are missing a lot of signals coming this way - from Opunake and Tiwai come lengthy trails (and antennae!) showing very extensive morning reception from Europe, the Middle East and North Africa. In the evenings, the Latins are starting to settle in, and more Asians are featuring in members' notes.

Don't forget the broadcast band specials for Convention 77 at Easter. It's important that broadcasters know that DXers appreciate their cooperation with the hobby and such special calls - so listen in and drop them a report or thanks.

Radio Sunshine, the first local pirate we've heard of since the Hauraki days, has been in the national headlines lately, following it's discovery by League members. More details elsewhere in this issue.

As if his NSW Coastal DXpedition (see last month) wasn't enough, Chris Martin has just completed erecting another beverage antenna at his Goulburn site, this one running 500 metres south west, towards Africa. Chris tells us that his tally for the first weekend consisted of 6 Africans for 3 new countries reported, 5 rabbits and a tiger snake! A few of his observations appear in the Trail. Highlight was the 2kw Rhodesian on 1340kHz. One of his other antennae netted AFRS Guam 1090 (listed 200w) under China with a sports broadcast at 1815 GMT.

The reception of Lord Howe Island reported last month was not a first - Bob Padula of Melbourne tells us he verified them back in 1968, and they even made it to NZ in those days - Bill Woller of Opunake also having a QSL for their 640kHz transmitter.

Fraternal greetings to the IRCA (International Radio Club of America) on their 13th birthday. Recent news from their DX Monitor includes - Caymans are now 10kw on both 1555 and 1205kHz, although our chances of hearing the latter are currently spoilt by an Indonesian, and DYLA still thunders in on 1555!

As suspected, Waikato University's Radio Nyllewell didn't quite get on-air. On March 7, it's operator's, the Campus Communications Club decided to abandon the project and dismantle the equipment. The major hitch had been a crystal oscillator that couldn't handle the allocated frequency of 1450kHz, and after a week of feverish effort to clear up this and other technical difficulties, the devoted band of enthusiasts admitted defeat. However there is a strong determination to get the station operating, and there is every likelihood that we will have the opportunity to DX Radio Nyllewell in the future. Our thanks to Hamilton members Jim Benzoni & Roy Knox (also QSL Manager) for their info.

Now into another packed Mailbag...

KEITH ROBINSON Kapuka has reported 2ZK, 3XB on 1230 and 1232, 2XA, CFRW 1470, Quazvin, and verified 4XB, 2XA. Thanks very much Keith.

PHIL BROOKS Wanganui - one of many members who will soon have a Frog, has one out to Fiji 810 and one in from 2XA Active. Hi, traveller!

JIM BENZONI Hamilton reports a lone log of 1XA. More at Convention Jim. Tx for news. Will have mag for you.

ARTHUR CUSHEN Invercargill has the 1st reported QSL from KTNQ 1020, also JOQL 1400, 2XA & 4MK 1030. Reports to 3XB 1230, WXVI 1600, 3WM, 4MK, 2XA, 6PM, 4AY and Sabah 665.

STEPHEN LILLIS Auckland has reports away to 2CH, ZK, NX, 3BA, HA. F/up to 2GF. WVUV also heard.

HARRY WEATHERLEY Melbourne, one of the Aussie contingent to Convention 77, has had a busy month report writing after the Sawtell DXpedition - HJFZ 1055, XEB, KFAB, Prague 1286, Vienna 1475, WWL, WHO, KGAR, KIKI, KUMU, KNBR, WHAM, CKLG, WWWW KTNQ, KPMC, KMJ, KGER, KAEC, KGA, Carib. Lighthouse 1165, Lord Howe 1490, ZK2ZN Nuie, KNEW, KYXI, KEX, CJVI, Iran 1555, DW Malta 1570, KIRO, 4KQ, Oman 1035, CMW Cuba 590, Sharjah 1575, Tarawa 844, VOA Marathon 1180, Munich 1602, CKNW, CFCN, Vila 1421, JOUB, KFI, KFAX, KFPE, KFQD. Rewards already from WHAM, KFAB, CKNW, WHO, CJVI, KAEC, KNBR, KMJ, KFAX, KPMC, CFCN, JOUB, KFI, Munich 1602 and KFQD. Also XEBBC, 1ZE. A hard act for us to follow Harry! Fab!

BRUCE CAVANAGH Invercargill reports two QSLs - KTW0 and 3MA ppc. Logged - 6KG, Nice 1554, 3XF, Sunshine 1580, Cayman Is 1555, WAOK, Jumbo 545 & Caribbean Radio Lighthouse 1165, most at Tiwai.

ASH NALLAWALLA Dunedin has QSLs in
From 2EA and 2XX (ppc), 3MP, 7ZR.
Ta. See you at Convention.

JOHN ALLCHIN Auckland advises reports
to 3TR, 3SH, 4GY, 2YM. Veries from
WXLE, 3MA (ppc 6mths), KTWO & 4GY. Tx
for yr efforts on Convention Specials
John. Info all passed to ChCh.

GAVIN BENNETT Invercargill makes a
yaeasu return to the DX scene with a
Yaesu FRG7 and reports to KNUI, KIVM,
KMVI, 3XF & KLAC 570 (2YA off 13/3).
QSLs from 3XF and KMVI.

LEIGH MORRIS Palmerston Nth, in between
CB skip, has reported 2XA Radio Active
& 3XF Ferrymead. 2 in from KKIS & VQO.

ALAN GILMOUR Greymouth logs are KAIM,
XEROK, KFAB, CKFH, JOUB, KTWO, VQO and
KKIS. Verifications 2XA & KING.

IAN CATTERMOLLE Blenheim has QSL'd KING,
JOER, WBAP, WLW, KABC, 7ZL, 2ZK, BA, XA,
4MK. Reports to 2XA, 1XB, 4MK, ZK12C,
A3Z, 2CA, VSZ1, 3WM, WXLE. Yes, Ian.
Yanks now giving way to Latins, Asians
& Europeans I think. Not up to past
seasons from North America at all!

SUTTON BURTENSHAW Invercargill veries
in from 2XA, ZK, 4MK, KGAR. Logged at
home: 2XA, ZK, 3WM 1090, Munich 1196,
Arbil 1196, Qatar 952, Khabarovsk 575,
Kalingrad 1385, Bucharest 854, Turkey
926, Libya 1124, Egypt 1106. Logged at
Tiwai: Radio Rey 1450, Jember 963,
TIRS 975, Teheran 1188, Nancy 1349,
Genoa 1578, Cluj 1151. Ever busy!

DENE LYNNEBERG Titahi Bay has reports
away to Jumbo 545, Moscow via Nauen
1322, Peru 854, RRI Bandung 540, DYLA
1555 & 7FG 1160. QSLs are NZ first for
CFOK 1370, KGAR, KTOM, CKFH, CSB5 1578
for country 84. Good variety Dene.

CHRIS MARTIN Sydney has been light from
the darkest continent! Logged are Dar
es Salaam 656, Gwelo 998, Bulawayo 1340
Luanda 1088, Moroni 1088, Kitwe 1070.
QSLs from WHAM, KABL, KLIF, KNEW, KCBS,
KKON, KNUI & Rakiraki 1320. What next?

ANDREW WHITE Christchurch has 2 away -
1ZN and 2ZC. Veries from WXLE, 1ZU, 2ZC.
Looking forward to some good Canterbury
DX at Convention Andrew!

NEVILLE HENRY Invercargill is rewarded
with a lone QSL from WLW. Reports to
Nancy 1349, Israel 656, Albania 1088 &
KVET 1300. Tx for all your support Nev,
and bon voyage from us all.

BRYAN CLARK Wellington has reported
Carve Uruguay 850 and verified HJDZ.

BEST OF THE MONTH⁴

SENIOR: TIL3 Radio Columbia 1525kHz
San Carlos, Costa Rica
150pts Ray Crawford
JUNIOR: WXLE Canton Island
1385kHz 250 watts
116pts Andrew White

ROBIN CHAMBERS Opunake has reports
out to KFAX, Iran 1188, Galeon 1450,
KKUA, Active 1260, Radio U, 3XF,
KGAR, Saarbrucken 1421, Mogadishu
963, 6PM 990, Seychelles 1331, Car-
ibbean Radio Lighthouse 1165, BBC
Limassol 720, Antariksa 765, Nice
or Nancy 1349. Veries from 2ZK, 6PM
KCRL, DWRF & Radio Active. Good to
see you Robin. Many tx for trail.

RAY CRAWFORD Invercargill, another
Trail Master with an extensive list
of European DX and reports to RRI
Jember 963, Surakarta 585, Iran
1188, DYLA, Gorokhapur 910, Nancy
1349, TIJC 675, Burma 955, Mersing
1055, Belgium 926, Toulouse 944,
4XC Radio Sunshine 1580 on 12/3.
Veries from Active 1260, 3MT, WSM,
YVLL 670, HJFT 1025, Costa Rica 1525
Bayrak 1095 & Dubai 1248. Again a
great bunch of DX Ray! CU ChCh.

DUNCAN WATSON Edgecumbe has been re-
warded with QSLs from 1XI, ZN, ZE, ZK,
YX, YE, 2ZB, CH, 4QG, YQ, KNBR, WBAP &
KVOO with map and 34 stickers! Logs
of 1YK, 2ZM, KNX, 4WK and 2GZ. See
my cmt to Ian Cattermole, Duncan.

LONG WAVE ROUND-UP

ARTHUR KINDELL Levin comments that
there are signals still to be heard
on longwave from Europe/USSR/Asia.

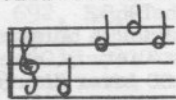
RAY CRAWFORD Invercargill even had
them on his Barlow Wadley 21/3, but
reported the following on a Bendix
receiver: Monte Carlo 218, Turkey
182 and Allouis 164.

NEVILLE HENRY Invercargill has re-
ports to the same 3 stations as RC.
The following summarises LW station
-s being hrd down south:-
155 Khabarovsk USSR good 1200 GMT.
164 Allouis France fair 1800.
173 USSR - Siberia? fair-gd 1200.
182 USSR fair 1200. Far East/Siberia
182 Ankara, Turkey good 1800.
180 Saarlouis, West Germany wk 1800.
191 USSR Siberia presumed fr-gd 12.
218 RMC Monte Carlo fair at 1800.

BROADCAST TRAIL 5

EVENING

- 540 CBK good with nx 0700 22/3. RCh
 545 Jumbo, Dominica opening 0955, 11/3. BC
 585 RRI Surabaya 1100. RCr
 590 KGMB and Cuba here evenings. RCh
 600 CMKV good 0850, //590. RCh
 610 KFRC excellent 0750. RCh
 575 TICN at 1010. USSR at 1015. RCr
 655 Pyongyang here at 0950. RCr
 670 Noumea with EE pops. S/off 1106. PE
 725 Surinam believed weak signal here
 0920 11/3. BC
 770 R. Tequendama strong 0700, 0730. RCh
 773 RNE fair 0725 20/3, gd 0655 21/3." BC
 785a Cuba poor //590 0753 10/3. BC
 800 XEROK 0725 vg Record advts, mx. PE
 840 WHAS good with news 0800. PO
 850 KICY 0815 fair, quickly faded. PE
 CX16 Radio Carve, Montevideo opens
 0830 20/3 & 21/3. Fair past 0918. BC
 854 OAX4A Lima good, pops 0654. PE. 0710 BC
 953 SS here - Spain or Canary Islands.
 Very marginal reception 0651-0716
 13/3. At 0700 4 notes from elect-
 ronic organ or similar with plenty
 vibrato. Notes evenly spaced. App-
 eared to announce
 "Radio Subrama" &
 mentioned "Santa
 Maria". Same 4
 notes at 0715 then
 bullfight type trumpet theme. Who?
 965 Unid SS quite good at times, RCh
 0725-0730. Few announcements. RCh
 975 TIRS Centroamericana s/on 1000. RCr
 1005 Colosal better than 4945! 0652. BC
 1034 CSB2 now regular, early evenings. RCh
 1085 SS fair 0740. 1055 at 0955, 0740. RCh
 1165 Caribbean Radio Lighthouse good
 at times 1000 till 1020. RCh BC PE
 1200 WOAI over Wanganui 0810. RCh
 1206 RRI Denpasar 1156, fair-good. PE
 1270 HCUM2 Universal fair 0715. BC
 1290 KHSL over Avon 0655. RCh
 1379 Colo Colo CB138 with het 0733 vg. PO
 1450 Galeon exc peaks 0721-0740. RCh
 1470 CFRW fair 0915-0945 7/3. KR
 1530 WCKY CBS Nx 0800 then orch mx. PE
 1555 DYLA here from 0950. RCr
 1600 KLAK fair 0806 with ident. RCh



CONTRIBUTORS: Robin Chambers, Bryan Clark, Ray Crawford, Paul Ormandy, Paul Edwards, Keith Robinson, Dene Lynneberg

MORNING PART I. (See over for Part II)

- 540 RRI Bandung good with s/off 1600
 after ident & clock chimes. DL
 545 Long Kong poor in EE 1518. PE
 550 KMVI with EE fair-good 1555. DL
 557 Quazvin fair in Farsi 1730. DL

- 600 HLCA Korean fair-good, mixed. DL
 620 Sth Korea good in KK //714 to
 s/off 1802. DL
 Batra in AA clear 1802. DL
 635 Pyongyang good in JJ 1450. DL
 647 Radio Moscow into CC 1800. DL
 650 KORL exc pops 1439. PE
 714 HLCA (ex 710) gd KK //620. DL
 737 Israel good 1800 in EE. DL
 750 HLSA vg KK //740 HLKG, 714, 620,
 at 1520 DL
 773 Egypt AA 1726. DL. 1800 good. PO
 785 Nth Korea good //813, 820, 876. DL
 790 Singapore EE pops //SW 1612. DL
 795 Shanghai Municipal Svce fair
 in CC 1511. DL
 818 Batra, Egypt good in AA 1757. DL
 870 JOGB good over 2GB 1445 in JDDL
 880 HLKH //714 at 1436, 1618. DL
 908 Iraq fair in AA 1715. DL
 910 HICP fair 1436 //HLKQ 1060. DL
 1016 Istanbul Turkish mx 1712. DL
 1170 HLCS fair mxd 2CH 1708. DL
 963 RRI Jember good 1418 in II. PE
 999 RRI Jakarta good with id, nx
 at 1500. PE
 1097 RRI Sumenep good 1312 II. PE
 1130 CKWX 1405 Nx, advts. Superb! PE
 1250 Radio Moscow into CC 1700. DL
 1259 VOA Rhodes "Yankee Doodle" 1700
 1322 Radio Moscow relay via Nauen,
 East Germany fair 1830 with
 int. sig, then Italian. DL
 1340 Peking into Tagalog 1430. DL
 1448 Libya in AA peaking fr 1754. DL
 1470 New South Korean vg in KK //
 714 & others 1650. DL
 1475 Austria fair in GG 1853. DL
 1493 RM Leningrad 1649 gd Finnish. DL
 1580 FEN poor with EE nx 1800. PE

MORNING TRAIL - PART II - PAGE 6.

- GOULBURN 'AFRICAN BEVERAGE' TALLY**
 from Chris Martin, NSW .
 Just a few highlights...
 557 Unid African, fair 2000.
 575 Uganda EE news 1800 fair.
 593 Unid African with mx 1850 pr.
 602 Reunion 1910 FF pops //665.
 611 Kenya best African 1800 Swah.
 656 Tanzania with Castro tour 1815
 683 Mauritius EE Nx 1800, good.
 746 Kenya EF commercials gd 1815.
 755 Malawi over Yemen 1745 //3380
 818 Zambia clear with educ 1730.
 908 Uganda EE over Iraq 1845.
 998 Rhodesia vg PP 1800. Thru 2ST
 at 1900. Vernacs 1830.
 1070 Zambia 1945 briefly //4910.
 1088 Moroni good Comorian 1720
 Luanda vernac 2010 //4820.
 1160 Mozambique PP 1845 mixed.
 1340 Rhodesia in Afro //2425.

What we'd all like to hear, if we had the chance!

MORNING RECEPTION

6

- 539 Kuwait over Budapest & RR? 1800-1810. 935 Lvov fair 1805. 1313 Easterner 1848 Iran?
- 548 Vladivostock exc 1735 944 Toulouse mxd Ethiop- 1322 BBC Cyprus 1655,1800
-ia 1815. RR fair-good 1805.
- 550 Bombay EE Nx 1830. 952 Qatar 1730. 1331 Seychelles FF good
at times 1701-1722.
- 557 Quazvin exc 1855. 955 Burma good 1545. AA exc at 1845 11/3
- 566 Syria at 1845. 963 Mogadishu 1730-1801. Rome 1745,1808 fair.
- 575 Russian good 1740. 975 Unid Easterner,very 1345 Kuwait exc 1745,1830
good 1900. Who?
- 593 RR Mayak gd 1800. 998 Kishinev good 1755 1349 Nice or Nancy FF gd
with another RR 1840
at times 1802-1822.
- 600 ?? VOA cmtry in EE, 1007 Yugoslavia 1815. 1367 USSR & Poland 1800.
off abrupt 1810 18/3 1016 Turkey,Czech 1750. Euro thru CC 1805 ??
- 610 AIR EE nx //550 1830. 1025 Israel,Austria 1800 1376 Lille mxd Vinnitsa
611 Russian exc 1825. 1035 Oman good 1830. 1805. Lille 1730.
- 612-13 Iran poor,het 1812 1043 Who with accordian 1385 Kremlin Bells 1730.
620 Easterner under Cairo & Brass Band mx Centro,Spain good
1815 Sudan or Iran? mxd RR 1829-1900, 1805, 1845.
- 629 Turkey good 1830. 22/3 on NW Bev.?? 1394 Albania exc 1858.
- 638 Limassol AA gd 1835. 1047 Filipino off 1430. 1412 BBC Masirah Nx 1800
- 656 Israel good 1835. 1052 Roumania good 1820. 1421 Saarbrucken GG good
665 RR fair 1818. Syria fair-good 1920 19/3 1810 till 1831 2/3.
- 680 Rasht,Iran here. 1059 Unid weak 1805 Who? 1439 Luxembourg 1800.
- 683 Belgrade on west bev- 1061 Saransk good 1815 1448 Italy 1740. Libya
erage 1810, RR on NW //1088. poor on W.bev 1902.
- 690 KKUA Nx good 1500. 1088 Albania & BBC hrd 1457 Roumania 1730,1808.
- 700 Strong CC at 1740. once only. RR 1810 1466 Monte Carlo exc to
701 BEC Masirah AA 1835. 1097 Czech or RR 1800. 1945.
- 705 Korean? strong 1740. 1100 KFAX good 1429-1500 1475 USSR & Austria 1730.
720 BEC Limassol AA 1812. 1106 Egypt exc EE 1630. Austria exc 1810.
- 728 Abu Dhabi good 1830. Good 1840 W.bev. 1480 CC over Hauraki 1805
- 737 Israel FF strong 1825 RR fair 1840. 1490 Japanese good 1755.
- 746 RR good //683 1800. 1115 Italy good 1750. 1493 USSR exc 1730,1800.
Aleppo under 1828. ?? EE anct 1910 1502 Warsaw fair 1802.
- Holland?? 1830. 16/3 abrupt fade. 1511 RBI fair 1800,1810.
755 Yemen,Rumania 1815. 1124 Libya 1745, 1910. Russian poor 1830.
- 760 Iraq over 1YA 1830. 1130 CKWX good 1425. 1525 Urumchi RR exc 1810.
- 764 Sudan at 1845. 1133 Kuwait exc 1730. 1529 Vatican good 1745.
765 R.Antariksa strong 1142 Kalingrad fair 1745 Int.sig 1759 good.
- 1705-1735 9/3. 1151 Roumania 1745. 1530 JJ good 1555-1600.
- 770 Sari exc//777 1825. 1160 Bulgaria mxd Asian & another 1829. 1538 German good 1740-55.
- 773 Cairo good 1825. 1187 Hungary fair 1815. 1546 Vinnitsa 1730,1750.
- 777 Zahedan exc 1827. 1188 Iran 1700 to 1811. 1554 Nice strong 1730-50.
- 791 VOA Kavalla EE news 1196 Iraq good 1735.VOA 1555 Iran under Nice 1700
1900, good. Munich too at 1750
- 800 Russian strong 1905. 1205 France 1745. 1562 Switzerland 1802 gd.
- 809 Skopje good 1825. 1214 Tirana vg 1730,1800 1570 DW Malta GG 1758 gd.
- 827 Russian exc 1815. 1215 ?? Easterner 1750. 1575 Sharjah 1715,1755 vg
- 836 Unid int.sig 1745. 1223 Vidin strong 1855. 1578 Italy good 1730.
- RR good 1835.Same? 1232 RMC Cyprus still 1580 FEN fair-good 1720.
- 845 Italy 1800. good 1930. 1586 German gd-exc 1735.
- 854 Bucharest 1805 good. 1259 VOA Rhodes exc 1840 1602 GG exc 1715.Another
RR here 1820. 1277 Strasbourg FF thru Euro under. Who?
- 872 Strong RR 1755. RR 1758. RR gd1805
- 885 Damman good 1825. 1286 Czech mixed Eastern 1758.Sudan?
- 890 Turkey 1815 exc, no 1295 Dushanbe at 1800.
- windy.USSR at 1830. 1304 Poland here 1730
- 908 Iraq 1500.Good 1805. Algeria FF poor at
- RR good //917 1805. 1745,good 1607.
- 917 Yugoslavia 1830. 1313 Aleppo/Sarakeb 1810
- 926 Izmir fair 1805. Mxd Belgium 1830.

Ray uses a 2200' LW to WSW direction & Barlow Wadley! Robin has just erected a beverage due East, resulting in big drop in signals from N & S, eg knocking out JJ on 1330 to reveal 1331 Seychelles!

PACIFIC ASIAN REPORT

INDONESIA RRI Jember 963kHz opened on 70 July 1976 with a 10kw Harris Gates transmitter and vertical antenna. Sked is 2300-0100 and 1000-1600 daily, with 0000-1600 - Sundays. A verification letter was received in EE, with 2 copies, a postcard and returned IRC. AC

WESTERN SAMOA 2AP plans to have eight 1kw repeaters on-air by mid-year. WRTVH

HAWAII KGMB 590 has requested change of call to KGME. IRCA
Alan Roycroft advises that the tower for KNDI, KCCN & KIOE has been changed from an old 155' one to a new self-supporting 200' tower. KISA is still on the old tower, as their FCC authority to transfer is still to be rec'd. The above move was made on 30/1. KGMB will move to a new tower later in the year and should result in improved reception in NZ. A new station is in preparation, using KORI's old transmitter. John Allchin

IRAQ The Home Service is carried by Basrah 692, Baghdad Hurriyah 760 (300 kw), Baghdad Thourah 908 (200kw), Babylon 1035 (200kw), Kirkuk 1360 (240kw) and unid location 1195. SRK

SRI LANKA The new TWR relay becomes operational shortly, with 400kw on 890kHz, using 2 masts 575' high, beam -ed to India. Benelux via IRCA

GILBERT ISLANDS Tarawa heard signing off at 1000 GMT Saturdays and not 1030 as in WRTVH 77. John Allchin

JOHNSTON ISLAND is no longer on MW, but one of the 2 FM outlets relays KGMB Honolulu. WRTVH

JAPAN JOOR Osaka on 1210 plans moving to 1180 on 15 May, the day that VOA Okinawa 1178 is due to cease operations. M.Hardester SCDX

AUSTRALIA 4GC Charters Towers 1170kHz with 100w is now on the air, relaying 4AY, except Sunday-Thursday 2300 to 0300 GMT. Arthur Cushen
2NX and 2NM run parallel nightly till the latter signs off. 5PI and 5SE often run in network with 5AD, nightly for 5PI, and apparently Fri-Sun night for 5SE, per observations. J.Allchin
2EA has a new address of P.O.Box 471, North Sydney 2060. Verie signer is Station Manager Jenny Looman. AN

SYRIA Dar el Zier moves to 827 from 955kHz, with 60kw. Benelux via IRCA

MAILBAG - BROADCAST

7 Our final contributor this month is yet another Conventioneer...

ERNIE MOORE Brisbane reports on some recent DX - USSR in RR on 746 //791 at 1757, India on 965 with Hindi mx 1758 - a wanderer? France 1376 in FF at 1916. Tirana 1394 Polish at 1931. Switzerland 1562 with GG vocals at 1916. Also 2 unids - 827 an Arabic speaker briefly at 1825. Could be Syria per bottom this page Ernie? 1385 with pop mx vocals 1930-1944 sounds like Radio Centro Spain to us here. Sorry these missed trails.

HANK WILKINSON Santa Rosa, Calif. is another of our overseas correspondents. Recent QSLs are Caymans 1205 and YVOZ Tiempo 1200. 705 suggested as Korean in this issue. Will watch overseas mags on this. Last had yr Continents totals updated in March 76 hence deletion last time I'm afraid. Will update those figures with data you provided for September list. The Central American category was agreed at our last AGM - see Nov Times P8 & reminder in Feb issue. Best rgds!

ECB NEWS FROM EUROPE & AFRICA

BELGIUM 300kw being tested on 926. Distance via SRK

GAMBIA 648kHz being hrd, apparently new 20kw transmitter. Noel Green WRTVH

LIBYA Power reductions(!) are 827 to 300kw from 600kw, 1124 and 1250 down to 500kw ex 1000kw. MWN via IRCA

A new station was opened on 7061kHz in June 1976. DL
A new tx noted with External AA pgm on 539 // to 1448, 1250, 1124 & 827kHz. BEC MS (c)

FRANCE Lille 1376 broadcasts Polish prgm 1800-1830 Mon-Fri. BEC MS (c)

WEST GERMANY AFN Munich 1106 is now 50kw. MWN via IRCA

MOROCCO RTM Agadir 935 is now 600kw SWN via SRK. Casablanca is now on 1457 ex 1484. MWN via NRC

YUGOSLAVIA Radio Belgrade's 1st pgm is now operating thru the new 2000kw tx on 683, enabling reception through -out Europe at nighttime. BEC MS (c)
Ljubljana 917 is 600kw ex 200kw. IRCA

GREECE A 3/3 press report says that a radio & TV station operating from International Waters in the Aegean Sea is planned by Greek businessmen.

BEC MS(c)

DIVISION	Dec	Apr	Inc	Cnt	DIVISION	Dec	Apr	Inc	Cnt
<u>Gold Star</u> (over 1250)	2873	2894	21	58	<u>GOLD STAR</u> (over 1250)	4333	4373	40	240
Norman Maguire	2215	2224	9	145	Arthur Cushen	2062	2095	33	189
Arthur Cushen	2101	2110	9	132	Dene Lynneberg	1270	1302	32	149
Merv Branks	2065	2070	5	110	Ray Crawford	1270	1301	31	177
Keith Robinson	1285	1295	10	94	John Mainland	1210	1225	15	121
Laurie Boyer	1077	1099	22	128	<u>GOLD ACE</u> (1001-1250)	1101	1110	9	168
<u>GOLD ACE</u> (1001-1250)	858	868	10	92	Bryan Clark	1089	1105	16	131
Ray Crawford	833	848	15	—	John Durham	1014	—	—	117
<u>SILVER AGE</u> (751-1000)	696	709	13	84	<u>ACE</u> (501-750)	740	778	38	104
Sutton Burtenshaw	520	534	14	128	Jack Searle	743	758	15	116
Robin Chambers	506	507	1	47	Lindsay Robinson	730	—	—	122
<u>ACE</u> (501-750)	432	432	—	—	Des Davey	647	—	—	109
Dene Lynneberg	397	405	8	35	Laurie Boyer	645	—	—	110
Chris Martin	393	403	10	79	Eric McIntosh	584	—	—	114
David Ricquish	389	400	11	70	Keith Rogers	562	571	9	—
<u>SENIOR</u> (301-500)	269	293	24	42	Paul Aronsen	457	516	59	115
Paul Aronsen	277	278	1	30	<u>SENIOR</u> (501-750)	451	494	43	77
Ray Babbage	237	238	1	23	Paul Ormandy	451	468	17	88
Bryan Clark	—	226	—	27	Austin Hadler	—	408	—	79
Heak Wilkinson	209	—	—	27	Jim Benzoni	391	405	14	70
<u>INTERMEDIATE</u> (151-300)	203	—	—	26	Alan Gilmour	362	394	32	93
Paul Ormandy	170	—	—	—	Lance Johnston	374	—	—	74
Lance Johnston	162	164	2	18	Bruce Cavanagh	338	366	28	51
Jim Benzoni	158	166	8	18	Alan Robson	339	—	—	122
Alan Gilmour	139	150	11	17	Brent Allred	319	331	12	108
Alan Robson	123	132	9	14	Steven Greenyer	307	314	7	70
Lindsay Robson	124	129	5	20	<u>INTERMEDIATE</u> (151-300)	258	264	6	100
Des Davey	—	118	—	16	Bill Vogel	244	254	10	121
Jack Searle	108	139	31	13	Paul Edwards	235	—	—	63
Ash Nallawalla	115	—	—	—	Wyn Machon	230	238	8	48
<u>JUNIOR</u> (51-151)	—	114	—	18	Jack Farrow	142	205	63	54
Paul Rawdon	104	124	20	13	Ian Cattermole	140	147	7	71
Andrew White	100	—	—	11	Alex Wellner	125	128	3	57
Bruce Cavanagh	94	99	5	23	Ian Wells	125	127	2	63
Philip Bolton	67	—	—	5	Leigh Morris	120	—	—	59
Ian Cattermole	61	—	—	8	Gary Butler	110	—	—	27
Gay Johnston	52	54	2	4	Graeme Hammond	101	—	—	27
Gay Bennett	44	—	—	24	David Feldon	94	—	—	—
Gavin Bennett	41	44	3	4	Gay Johnston	80	—	—	35
John Allchin	20	—	—	2	Peter Mott	64	64	—	36
John Allchin	16	20	4	5	Ash Nallawalla	61	61	—	28
Graeme Hammond	—	—	—	—	<u>NOVICE</u> (1-51)	48	60	12	23
Leigh Morris	—	—	—	—	Gordon Hutchison	—	31	—	—
Stuart Forsyth	—	—	—	—	Craig Strathern	22	—	—	9
David Feldon	—	—	—	—	Stuart Forsyth	—	—	—	—
Jack Farrow	—	—	—	—					
<u>NOVICE</u> (1-50)									
Steven Greenyer									
Gordon Hutchison									
Brent Allred									
Alex Wellner									

Welcome to Philip Brooks and Gavin Bennett.

Remember that June is the final month.

Hope to see a lot of you at the Convention.

Ray Babbage.

Received after closing date: Trevor Phillips joins the ladder with 24

SW QSLs from 23 countries. At least 10 reqd on MW to qualify there, Trevor.

There is room for a few more entries in this section, so count up your totals and join in the next period.



RADIO SUNSHINE.

9

On Saturday 12 March a new signal was heard at Southland Branch's Tiwai Listening Post by Paul Aronsen, with the identification 'Radio Sunshine' and the call 4XC. Strong signals were heard, with relays of the National Programme, local talent featured, and references to a 'Hillside Road'. Signals were mixed with KDAY by the time the station closed after 6pm. The next morning Neville Henry found the station on 1080kHz, and on Monday morning Arthur Cushen located Radio Sunshine on a frequency of 1070. Following publicity in Arthur's Southland Times column "On the Beam", Invercargill and Dunedin newspapers followed up the story with good publicity for the League on it's keen listening. A tape recording was provided to the Post Office, as radio inspectors in Dunedin and Invercargill had not heard the signal.

In an exclusive interview with Radio Otago, the operator said that he had been broadcasting a community type programme for the past 4 years, and was disappointed at the sudden media interest. In the interview he showed little concern at the illegality of the operation, and claimed it was outrageous for someone to try and close the station, which was harmless and a community service. This was the first publicity the station had had in 4 years of operation. He said that pop and country music was aired, with news of the immediate area.

Adapted from a report by Arthur Cushen

Radio Sunshine's transmitter was seized by radio inspectors on Wednesday 23 March, on a farm 16 miles from Clinton. The equipment was very basic; an 807 was used in the output, with a power rating of about 25 watts. The oscillator used was a VFO type with 3 frequencies marked on it - 1580, 1080 and 1070kHz. 4XC was heard on all 3 frequencies in Invercargill. Apparently the operator had a good range of audio equipment as well - 2 record decks, some 300 records and a nice Akai stereo tape recorder. There was even a connection to the telephone, so that listeners' requests could be relayed over the year. To top it off, the transmitter was connected to an antenna which was somewhere in the region of a $\frac{1}{4}$ mile long.

Neville Henry

Radio Sunshine received considerable publicity through the press, radio and TV. The following details are extracted from clippings sent in by Merv Branks, Ash Nallawalla and our anonymous regular ODT newsclipper.

The 'fun and pleasure' derived from the pirate radio station, Radio Sunshine, is over for its operator and the small South Otago rural community to which it has transmitted for 4 years.

Lawrence McCraw (23), who lives in Dunedin, now faces the possibility of prosecution by the Post Office for his activities as an amateur radio broadcaster. Radio inspectors raided his small station near Clinton on Wednesday and seized his \$300 transmitter. The station transmitted at weekends, over a radius of about 25 to 30km, and McCraw said he had about 60 regular listeners. "I started broadcasting in 1973", he said. "I had always been interested in radio and was keen to be a disc jockey. I like providing that sort of entertainment for people." There were no financial gains from operating the station" Mr McCraw said. "In fact, there were considerable expenses over and above the cost of the transmitter, in the purchase of records and general station equipment. The only stations that could be picked up in the area were the YA stations, Mr McCraw said. The commercial stations were usually rather 'scratchy'. Mr McCraw said he knew operating the station was against Post Office regulations but "I thought it was reasonably safe". The signal could not be picked up in Clinton, 25km away. He said he hoped to get the transmitter back from the Post Office, but expected it would be sealed in such a way that it could only be used for receiving. There was too much 'fuss, bother and expense' to get a permanent transmitting licence, but Mr McCraw said he might apply for a temporary licence at some stage. "But", Mr McCraw said, "this is the end of Radio Sunshine".

Otago Daily Times

Editor's Comment: We urge League members to keep clear of such activities. A fine of \$2000 or 3 months imprisonment might be the price.

LATIN QSL SCOREBOARD

SHORTWAVE VERIFICATIONS | ○
1974 to 1977

QSLs from Latin America, as reported to the DX Times between September 1974 & March 1977. This list excludes one or two of the major broadcasters - HCJB in Ecuador and Radio Nacional de Brasilia. It will give members an idea of their chances of receiving a verification from a particular station, according to it's QSL policy in recent years. Thanks to Paul Edwards, Ian Cattermole and Bryan Clark for preparation of this listing.

ARGENTINA

RAE 9690 (3)
Radio El Mundo 6120 (1)
Radio Nacional B.A. 6060 (3)
R.Nacional Mendoza 6180 (3)

BELIZE

Radio Belize 3300 (13)

BOLIVIA (1 QSL each)

Radio Panamericana 6035
La Cruz del Sur 4875
Emisoras Bolivia 4755, 4760
Radio Reyes 3380

BRAZIL

Radio Congohas 4795 (1)
Fiera de Santana 4865 (1)
Radiodif. Acreana 4885 (2)
Voz d'Oeste 4985 (1)
Radio Inconfidencia 6000 (2)
Radio Gazeta 5955 (1)
Radio Brasil Central 4985 (11)
Radio Timbira 4975 (2)
Radio Clube do Para (2)
Radio Bandiarantes 6185 (3), 9645 (1)

CHILE

Radio Nacional 6195, 9550, 11810 and
15150 (often)
Radio Calama 6100 (1)
Radio Universidad 6135 (1)
Radio Minería (1)
Radio Diego de Almagro 9650 (2)

COLOMBIA

Ecos del Combeima 4785 (2) 4875 (5)
Emis. Nuevo Mundo 4755 (1)
HJAB 3290 (1)
La Voz del Cinaruco 4865 (1)
Radio Colosal 4945 (3)
Radio Nacional 4955 (3), 15335 (8),
6030, 9682, 6180 (1 each)
Santa Fe 4965 (5)
Ecos del Atrato 5020 (2)

COLOMBIA (continued)

Radio Cinco 5040 (2)
HJDE 5040 (1), HJFD 5040 (1)
Emis. Surcolombiana 5010 (3)
Radio Sutatenza 5075 (6), 5095, 6075.
Radio Super 5952 (2)
Radio Super 6065 (5)
Emis. Nueva Granada 6160 (1)
Radio Continental 6125 (2)
Voz de los Centauros 6190 (2)

COSTA RICA

Radio Capital 4832 (9)
TIQ Casino 5954 (1)
Radio Reloj 6006 (5)
Radio Universidad 6105 (1)

DOMINICAN REPUBLIC

Radio Hit Musical 3385 (2)
Radio Clarin 4850 (13), 11700 (2)
Radio Mil 4932 (1)
Nueva Voz del Papagayo 5030 (2)
RTVD 5970 (2), 9505 (2)

ECUADOR

Radiofonicas Populares 3985 (1)
Centinela del Sur 4755 (2), 4891 (4)
Paz y Bien 4820 (2)
Luz y Vida 4826 (5)
Gran Colombia 4910 (2), 4912 (6)
Radio Quito 4920 (1), 4923 (3)
Radio Nacional 4940 (1)
Radio Zaracay 3390 (6)

GALAPAGOS ISLANDS

La Voz de Galapagos 4810 (4)

GUATEMALA

Radio Cultural 3300 (2)
La Voz de Nahuala 3360 (3)

GUYANA (FRENCH)

Cayenne 3385 (5)

GUYANA (REPUBLIC)

GBS Georgetown 3290 (2)





SANTO DOMINGO, REPUBLICA DOMINICANA



La Voix Evangelique d'Haiti



HAITI

4VEH 9770 (1), 11835 (1)

HONDURAS

HRVC Voz Evangelica 4820 (3)
Radio Progreso 4920 (2)
Radio Swan 6185 (5)

MARTINIQUE

FR3 Fort de France 3315 (8)

PARAGUAY

Emisoras Paraguay 6015 (1)
Radio Nacional 6025 (2)

PERU

Radio Qollasuyo 3250 (1)
Radio Inca 4762 (3)
Radio Atlantida 4790 (7)
Radio Libertad 5042 (1)
Radio Andina 4995 (2)
Radio Santa Rosa 6045 (1)
Radio Nacional 6082 (3)
Radio Continental 6055 (1)

URUGUAY

Radio El Espectador 11835 (1)

VENEZUELA

Radio Impacto 3355 (1)
Radio Universidad 3395 (1)
Radio Bolivar 4770 (1)
Radio Lara 4800 (6)
Radio Universo 4880 (6)
Radiodif. Venezuela 4890 (2)
Radio Juventud 4900 (5)
Radio Yaracay 4940 (6)
Radio Rumbos 4970 (8)
Radio Coro 4950 (1)
Radio Barquisemeto 4990 (3)
Ecos del Torbes 4980 (6)
Radio Continente 5030 (7)
Radio Nacional YVRO 15400 (1)

ECOS del TORBES

CONTEST

radio SWEDEN
S-105 10 STOCKHOLM SWEDEN

In connection with the International Red Cross Day on May 8, 1977, Radio Sweden invites SW listeners around the world to take part in the IRC-contest.

A number of SW stations will broadcast special programmes about the International Red Cross on May 7-9. The same programme can be heard from several different stations. The programmes are produced in English (2 different programmes), in French, Spanish, Portuguese, Arabic and Indonesian. Some stations may broadcast two or more programmes.

Contestants should log as many as possible of these programmes from the various stations, heard on SW, including the tropical bands. They should write a reception report for each programme heard. (No recordings will be accepted).

These reports must contain the following details: 1) Date of reception; 2) Time in GMT; 3) Frequency or wavelength; 4) Language used; 5) Some details from the programme heard proving the reception; 6) Sender's name and address. All contest reports should be sent in to Radio Sweden, IRC-Contest, S 105 10, Stockholm, Sweden. After the contest the reports will be forwarded to the stations concerned.

A number of prizes have been placed at our disposal by the IRC and will be awarded to those contestants who have logged the greatest number of IRC special broadcasts. The reception reports will also be verified as usual.

Shortwave Mailbag with Tony Marr

12

Veries have started appearing this month from Benin, formerly Dahomey; after a time of not answering; so keep an ear out for them on 4870khz in the evenings. Conditions seem to be pointing towards a good season for the lower frequencies, so the lower bands should have much to offer over the winter.

One point regarding your notes to this page; please make sure your notes for the broadcast notes are on a separate piece of paper. Now to the mailbag:

MASAMI ONIZAWA Japan has place of honour this month, and reports QSLs in from Santa Fe 4965 Vilnius 11690 Voz de los Centauros 5960 with a sticker RNE 6100 Iran 9022 plus a pennant Kuwait 9555. Thanks.

DENE LYNNEBERG Wellington is next up with 17 out, veries from Kinshasa 15350 Peking 9390 BBC Antigua 6175 BBC Sackville 5990 BBC Skelton 9760 BBC Ascension 9580 BBC Cyprus Hanoi 12035 for country 189. Coming along.

BRUCE CAVANAGH Invercargill has 11 out and veries from Sweden 11770 RN Bon 9630 NHK 15420 RBI 15115 BBC Sackville 5990 RNZ 11960 ERT 9615 FEBC 11765 RAI 9630.

JACK SEARLE Haumoana has sent 15 off, and has verified EIRT 9750 9760 11730 Central 3290 FEBA 9700 RA 15205 BED45 11860 with pennant. FRG7 keeping you good and busy.

JOHN DURHAM Meremere has them in from Andorra 6230 Penang 4985 RSA 15125 RA 6005 Mongolia 6383 RN 9895 Oslo 15135 11895 Clarin 11700 Minsk 6010. Good.

JACK FARROW Lower Hutt has 5 out, QSLs have arrived from RA 9535 11790 AFRTS 11805.

PAUL ORMANDY Oamaru has 18 out, replies in from Tunis 15225 Moscow 15385 Kuwait 6055 Bucharest 11840 Surabaya 3975 RSA 15155 11800 Del Pacifico 4975 CXA19 11835 for country 115. I think that RN 7720 SSB would qualify as a utility.

JOHN MAINLAND Wellington has had a good return with RFE 9725 Tunis 15225 Bucharest 11830 RNE 17735 Riyadh 9730 Benin 4870 Oslo 11935 VOFC 15425 Clarin 11700BBC 9915 Ascension 9580 Cyprus 6180 Sackville 6175 Antigua 6175 CBC Northern Svce 6195.

CECIL SYMMES Wellington has a loner in from Yerevan 21450. Yes, very pleasing.

IAN CATERMOLE Blenheim is next up with replies back from VOA 9530 RN 9895 Hanoi 15012 RAI 21690 Del Pacifico 4975. I think you're doing pretty well, Ian. We're currently working on a Spanish reporting guide

RAY CRAWFORD Invercargill has 12 out and QSLs from Del Pacifico 4975 Ecos del Combeima 4875 Feira de Santana 4865. Very good.

ARTHUR CUSHEN Invercargill has QSLed RN 9895 FEBA 9700 Cuba 9715 Cairo 9665 RSA 9685 HJOQ 5962 Kiev 9800 Benin 7190 Praha 9605. Benin very nice indeed.

BILL JOLLY Kawerau has 12 more reports away, and has QSLed VOFC 17890 Peking 11650 with a badge HCJB 9745 RNE 6100.

ARTHUR KINDELL Levin has a loner from Benin 4870 which is a pretty good sort of loner.... Bryan Clark advises 584khz Svobodny carries RM Foreign Svce in Chinese, with 600 or 603 for Peking.

LANCE JOHNSTON Christchurch has 20 out and has QSLed NHK 15310 5990 RN 9895.

ALAN GILMOUR Greymouth has 3 off, QSLs have returned from Bucharest 15345 RBI 17740 LLJ3 11895 Andorra 6230. You can try Mr. Lal Herath, Supt Engineer for Sri Lanka; Seoul should be fairly good without any problems.

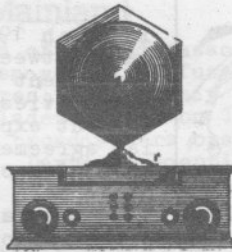
AUSTIN HADLER has been busy with 24 away, QSLs from RFI 11930 RA 9570 RSA 11800 NHK 15420 RN 11740 RN Bon 17810 Kabul 15390 Kiev 5920 7260 Sweden 11735 11780 Budapest 6040 BBC Antigua 6175 Asc 15400 Cyprus 11760 Tebrau 11750 UK 9410.

DES DAVEY Te Kuiti has 7 out and verie from NHK 15105 5990 RNZ 11780. Better late than never....

BRYAN CLARK Wellington has 7 out, and a loner back from TWR Swazi 4790.

EQUIPMENT REVIEW

More comments on the Yaesu FRG7 have come to hand from members. We publish these in the belief that the 'Frog' is the best value for money on the NZ market today. It does have a few drawbacks but these are more than outweighed.



STEPHEN LILLIS Auckland also has a loner; from HCJB 9745, but there are 6 out, so maybe more next time.

PAUL EDWARDS Wellington has sent 6 off, and has QSLed Nigeria 4990 Del Pacifico 4975 Peking via Tirana 7120

TREVOR KNOWLES Auckland has his first letter to us, and tells of varies in from NHK 17880 ORF 15410 and Kuwait; and there are 3 reports out. Trevor is very keen to hear from other DX members in Auckland; his address is 26 Washington Ave., St. Heliers Bay. Your "New Member's Kit" should answer some of your queries, Trevor; welcome to the League.

GAVIN BENNETT Invercargill. "I'm now using an FRG7 and find it gives very good performance, particularly on BOB. To eliminate fears any members may have regarding using a booster and loop in conjunction with the Yaesu. JS mentioned in last month's review of the apparent bad mismatch that is created when using a booster and loop. I use a Nigel Robins designed booster purchased at Convention 76, and no mismatch problems are obvious with a loop. On SW the FRG7 performs quite well and will give pleasing results when connected to any object sufficing as an aerial. When connected to a 3 metre random piece of wire strung across the shack roof, I've monitored Grenada 15105, RSA 21535 and Venezuela 5030, all at very good levels. I'm also hearing US CBers mobile and base stations on many 27MHz channels during mid-morning at strong levels."

BEST OF THE MONTH

OVER 9MHZ

RSA 15155khz 250kw 98points

Paul Ormandy

UNDER 9MHZ

Benin 7190khz 4kw 116 points

Arthur Cushen

TREVOR PHILLIPS has verifications from Brunei 7215, HCJB 9745, Kuwait 15345, Portugal 11935, Solomon Is. 5020, PNG 4890, Havana 11760 and Prague 11855. 8 reports away. Trevor is from Porirua.

BRUCE CAVANAGH Invercargill comments that he experienced problems with the Yaesu FRG7 which arrived in late January, mainly in the signal being 'zapped out' whenever the dial light was turned on. Happily, this and other minor problems have now been ironed out by Radio Engineering Ltd. "I fully concur with Harry Weatherley re the battery situation ie DC cells only last about 5 or 6 hours, and if serious DX is to be implemented, a wet cell battery or AC is definitely required."

CECIL SYMMES Wellington. "I received mine in mid-March and like it. There seems to be some difference between those being supplied. Mine, for example, doesn't have the fine tune control that Tony Marr's set has, although this would only really be required for SSB. Coaxial connectors for the antenna socket are available from Wisemans Electrical in Wellington for \$1.80."

"I have mainly applied this radio to SW listening and have found that it compares favourably with my Drake SPR4. Apart from the selectivity, clarity is certainly much better and far easier than the Drake even if using headphones. One of the reasons I purchased the Yaesu was as a second receiver, but I have found that I locate a station I want to log on the Drake, then locate and listen to it on the Yaesu. I feel that any DXer contemplating purchase of one of these marvelous receivers should also have at hand a 25kHz crystal calibrator. This I consider would give this receiver much greater capability. The FRG7 is not only the best value for money, but indeed an exceptional investment for the future. I wish I had a radio like this when I began DXing 10 years ago".



RADIO LIBERTY

In March 1976, talks were held between the Spanish Government and American authorities regarding the imminent expiry of the special agreement allowing the operation of Radio Liberty



on Spanish soil. The station has been in existence since 1959 and is built on 33,000 square metres of state land in Pals, opposite the Bay of Estartit on the Costa Brava. The installation comprises 4 aerial groups and 5 transmitters of 250kw, plus Radio Liberty's original 100kw outlet. It is estimated that about 37 million listeners tune into the stations Soviet language broadcasts.

Until the talks, Radio Liberty had a very low profile locally. The reason they have existed so long is that the full installation is cut off from the outside world by a high fence. Only 148 people are employed, well paid, and thus keen to work there. The autonomous nature of the station also keeps curious onlookers at bay, since outside workers are hardly ever called in. Pals has at its disposal 3 generators which provide all power, a few workshops, restaurant and constant medical care.

Now the Soviet Union has been exerting pressure on the Spaniards not to renew the Pals lease with the United States. It has been said that the Russians would, in return for such an act, be prepared to close down their radio station Radio Espana Independiente, which is situated in Bulgaria and Roumania, & directed against Spain. What is more, Russia's decision of whether to accept full diplomatic relations with Spain depends upon the closure of Radio Liberty. Meanwhile the lease has been renewed for a short period, while negotiating with the interested parties continues.

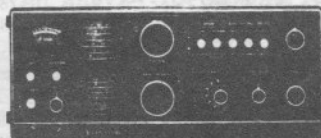
"Stuttgarter Zeitung"
 via WWDXC

FOOTNOTE: The Soviet News Agency Tass reported on 4 March that the contract for Radio Liberty & Radio Free Europe to use transmitters in Portugal had been extended for a further 15 years.
BBC MS (c)



R-300 ALL BAND

COMMUNICATIONS RECEIVER



Another recent arrival on the market in NZ is the replacement for the Trio-Kenwood QR666, which was derived from the successful Trio 9R-59 series. The R-300 certainly looks a smart set - the controls picked out in white and metal against the matt black cabinet. But we have yet to hear favourable comment on its performance. Ralph Sanserino, reporting to ASWLC's SWL magazine, describes it as 'a warmed-over QR666'. The bandspread calibrations are marked every 20kHz, when there is room to put 10kHz markings. Another bad feature are all the 'birdies and chirps' (images). Ralph lists the R-300's good points as the calibrated bandspread (except as noted above), the calibrator for setting the main dial tuning, and the recorder jack. The US price is \$240. According to the brochure, the IF circuit employs a mechanical filter for high selectivity. The wide or narrow band can be selected with a single button. A 500kHz calibrator is standard equipment. Frequency coverage includes longwave, medium wave (with the band cut at 1250kHz) requiring a change of frequency range switch for the balance of the band, plus bandspread on all SW bands except 90 and 120 metres.

SHORTWAVE BANDWATCH

coordinated by John Mainland



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Highlights this month include reception of Radiodifusao Nacional, Guinea Bissau on a new frequency, Radiodifusao Portuguesa, Lisbon operating on 60 metres; a frequency change for Kabul Afghanistan; and Bangladesh noted on 19 metres. FEBA Seychelles is one of many broadcasters operating on new frequencies which came into effect on 6 March. Daytime reception is showing a gradual improvement.

ALL FREQUENCIES IN KILOHERTZ

TIMES ARE GMT (Add 12hrs for NZT)

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
3222	0634	TOGO	Lama-kara	good in FF with nx, cmtry followed by native mx.	PO
3223+	1854	SWAZILAND	Swazi Comm.	Radio with EE relig svce, poor-fair. Also hrd 3306 RHODESIA Gwelo with Listeners Letters 2018.	DW
3285	1201	BELIZE	Radio Belize	fair in EE opening prgm. Poor readability.	DL
3316	1841	SIERRA LEONE	SLBS	gd in vernacs. PO 0630 poor, improving.	BC
3322	1130	PAPUA NEW GUINEA	Radio Northern Solomons	with request session. Off 1300. AC Bougainville with Pidgin nx 1007, fair.	CS
3355	0750	NEW CALEDONIA	Noumea	in FF. Off 1206. TP 0850 Play in FF, poor.	CS
3380	1900	MALAWI	MBC	good with native mx, vernacular anncts.	PO
3425	1430	NEPAL	Radio Nepal	in EE good level but noisy. S/off 1720.	JS
3607	1125	JAPAN	NHK Home Service	fair in JJ.	BCa
3945	0730	NEW HEBRIDES	Vila	with Nx, interviews in Pidgin, good.	TF
3975	1226	INDONESIA	RRI Surabaya	fair in Indonesian.	BCa
3989	1900	CYPRUS	BBC Mediterranean	Relay clear in AA. Id "Huna London".	BC
4735	1820	PAKISTAN	Karachi	with Home Service in EE, good.	JS
4740	1616	MALDIVES	IS Radio Maldives	good with EE & local mx prgm. PO. S/off 1730 of Overseas Service in EE, poor signal.	JD
4750+	2020	ZAIRE	Lubumbashi	fair with African vocals. Also 4880 Kinshasa with ident 2012. KENYA 4885 with talks 1905, ZAMBIA 4965 at 1925 - Lusaka until s/off 2005.	DW
4780	0658	GUINEA BISSAU	Radiodifusao Nacional	Bissau with mx prgm, drum int.sig & full ident 0700, then PP Nx. Mx prgm including EE pops followed till s/off 0759 19/3. Poor to fair. BC 0721 gd in PP with local mx & pops. 0800 s/off annct by woman. DL 0659 Int.sig & nx, political talk, mx. Poor. JM New freq ex 5041.	
4800	1830	INDIA	AIR Hydrabad	with EE Election Nx 21/3. Also // 4820 from Calcutta observed at this time.	BC
4829m	0745	COSTA RICA	Radio Reloj	with usual prgm, drifting from 4832.	JS
4845	0715	MAURITANIA	Nouakchott	fair with talks in FF.	BC
4855+	1708	MOZAMBIQUE	Maputo	in PP. Poor reception.	MC
4865	1844	MOZAMBIQUE	Radio Mocambique	good in PP with nx 1900. F/out around 1920. BC. 2020 PP discussion //6115. Ident 2030. Fair.	DW+
4865	1933	PORTUGAL	Lisbon	almost certainly location of strong regular signal in PF which s/on abruptly any time between 1933 & 1946 most days since first observation 16/3. Ident "Radiodifusao Portuguesa" at 1954. Nx 2000 following 'Vinte horas' t/check. Positive not relayed. Loggable to 2100. Site supported by BBC MS; Carlos Goncalves of Lisbon reporting to SCDXers says 10kw beamed to Azores 1930-0100 and Roger Legge notes Lisbon HS relay 11925 closing abruptly just after 1930 and 4865 abruptly activating some minutes later with same prgm. Some days 11925 runs past 1930 and 4865 not hrd these occasions. BC 1948 vg. DL	
4870	0605	BENIN	Cotonou	with poor signals.	JS
4880	1917	SOUTH AFRICA	SABC	good in Afrikaans with classical mx.	PO
4885	0605	PERU	Radio Huancavelica	closing with good signal. S/off seems earlier most nights. Chincayocha 4860 s/off 0605 too.	JS

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
4910	0610	ECUADOR	Emis.Gran Colombia	fair closing at this time.	JS*
4910	0655	GUINEA REPUBLIC	Conakry	good with FF mx, nx 0700.	PO
4915	0610	GHANA	Accra	with EE at 0600. Fair on several occasions.	JS
4965	0700	COLOMBIA	Radio Santa Fe	best on band most nights. Colosal 4945 also provides good regular signal.	JS
4975	0730	UNIDENTIFIED		strong signal but overmodulated. FF prgmg, with Island mx till s/off around this time, sometimes with 'La Marseillaise'. JD Is Tahiti in SSB, apparently over a utility transmitter as ute tx hrd over on occasions & later.//6135.	BC
4990	1822	NIGERIA	Lagos EE	ident as 'National Network of Radio Nigeria'. Occasionally good at 0600 too. JS 1746 good in EE.	MO
5020	0715	SOLOMON ISLANDS	VQ05 Honiara	with pop music, strong.	JB
5038	0541	CENTRAL AFRICAN EMPIRE	Bangui	good with highlife mx & plenty idents. Hetting with Latin on 5040.	PO
5040	0820	COLOMBIA	Radio Cinco	with Caracol & local idents. Good.	RC
5050	1809	TANZANIA	Dar es Salaam	fair in Swahili. MO. 1823 vg with mx.	PO
5050	0900	VENEZUELA	Radio Mundial	good with prgm of Abba records.	RC
5053	1012	MONGOLIA	Ulan Bator	very weak in Mongolian.	BCa
5260	1130	INDONESIA	RRI Sibolga	good here but QRM China 5265. Koran then C&W music EE & Indonesian.	PO
5885	1121	INDONESIA	RRI Pakanbaru	vg with Koran prgm, C&W mx. PO Id 1200.	RC
5960	0530	ANTIGUA	Deutsche Welle Relay	with ident & EE to Nth Am. Poor.	CS
5965	0600	NIGERIA	Radio Nigeria Benin	with drums & ident as 'National Network' then nx, cmtry. 0615 Hausa Church Svce. Fair but spoilt by jammers aimed at Israel 5962. VOA off freq Sunday.	DL
5980+	0645	PERU	Radio Panamericana	fair until KGEI signs on.	MO
6010	0845	PERU	Radio America	with several idents. appears to s/on at 0800. Splash from Antarctica later!	BC
6012	0823	ANTARCTICA	AFAN McMurdo	vg in EE. Many idents. BCa Poor 0910 but peaking 0920 with Country & Western mx prgm. 22/3.	JD
6040	0800	HUNGARY	Radio Budapest	good in Turkish prgm.	RC
6045	0555	SWITZERLAND	SBC	with GG to 0600, then FF. Poor.	CS
6045	0815	BRAZIL	Radio Clube Paranaese	fair with PP commercial prgms.	BC
6055	1040	JAPAN	NSB	fair with 'Japanese by Radio' EE advt. TP (EE by Radio?)	
6060	0800	ARGENTINA	Radio Nacional	good with s/on after anthem. RC 0903 vg in SS. Ident 0926.	BCa
6090	0705	AUSTRALIA	VLI6 Sydney	relaying BBC Sports news, strong.	JB
6100	2030	SPAIN	Voice of Spain	with EE Nx, fair. BG. 2100 EE Nx. Co-channel QRM from Belgrade to 2115 and Deutsche Welle from 2125.	DL
6115	1830	AUSTRIA	ORF Vienna	in EE, but much sideband QRM.	JS
6135	0930	BRAZIL	Radio Gaucha	in PP. Noticias at 0935.	RC
6145	0800	ALGERIA	Algiers	good signal in AA.	RC
6150	0930	AUSTRALIA	ABC Melbourne	with EE nx prgm, strong.	JB
6170	0952	PHILIPPINES	FEBEC	good in EE relig prgm. BCa. (Wot abt DUH2?BC)	
6175	0915	BRAZIL	Radio Guarani	good with numerous idents.	RC
6185	0602	MALTA	Vox Fidei	via Cyclops s/on in FF Saturday only. Good.	JD
6185	0910	Radio	Bandierantes	here in PP.	RC
6190	1100	VENEZUELA	Ecos del Torbes,	San Cristobal fair, mixed Moscow.	AC
6195	0855	BRAZIL	Radio Continental.		RC
7105	0710	MONACO	TWR	good with EE rlg prgm. CS. 0741 EE, exc. JS 7110 exc.	BCa
7130	0559	PORTUGAL	Deutschlandfunk	via Sines s/on fair-good with DW int. sig, DLF ident in GG and int. sig, then Polish. DL. Good. Is jammed 0530-0600 when in Czech. JD 1830 opening in GG after DW ident. 7285 in Czech from 2030. JS DW fair reception 2130.	BG
7170	0930	NEW CALEDONIA	Noumea	good in FF.	JB
7190	1940	YEMEN	Aden	very good in AA.	BCa
7210	0610	SWITZERLAND	ICRC Red Cross Test Broadcast,	good reception.	EG
7215	2115	FRANCE	Paris	with FF ident & new PP Svce. Poor 19/3.	JM
7264m+	0817	TOGO	Lome	tentatively the FF here, poor to fair. SENEGAL hrd in FF on 7210 with nx cmt in FF at 0625.	
7275	0700	HUNGARY	Budapest	heard on Sundays in Turkish.	DW
7280	1903	USSR	Radio Moscow	with EE news & comment, strong.	AC
9009	2000	ISRAEL	IBA Jerusalem	with EE news, good.	JB

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
9022	0410	IRAN	Teheran	in Farsi, good. Chimes & ident at 0430.	JB
9022	1115	NORTH KOREA	Pyongyang	strong with Home Service prgm.	JB
9360	0130	SPAIN	RTVE Madrid	good in SS with Spanish music. <u>BJ</u> 0200 exc with SS news. BCa. 0400 very strong in SS.	JB
9435	2230	ISRAEL	Jerusalem	in EE for Americas, fair //11655 19/3.	JM
9460	1640	PAKISTAN	Karachi	with EE Nx at Dictation Speed, good.	CS
9475	0215	EGYPT	Radio Cairo	very good with news in EE.	BC a
9505	2100	SPAIN	Voice of Spain	with good reception in EE.	BG
9530	1903	GREECE	Athens	in Greek, EE & FF for Europe. Good ex 9765.	JM
9530	0430	BULGARIA	Sofia	opens SS exc. 0500 Greek. <u>JS</u> .0630 Serbocroat.	JM
9530	0906	SPAIN	Radio Nacional	exc in SS with mx. <u>TP</u> . 0200 SS cmtry, good. <u>BJ</u>	JB
9535	1430	IRAN	Teheran	with Farsi prgm, fair. New freq 18/3.	JM
9580	1000	SOUTH KOREA	Radio Korea	via 50kw Suwon tx. Fair in EE. Het from Radyo Pilipinas 9579. //9525 exc via 250kw Kimjae tx.	DL
9585+	2043	SOMALIA	Mogadishu	talk on African affairs in Somali. Fair. Ident 2057 and s/off. QRM from NHK at 2058.	DW
9595	0800	JAPAN	NSB good	in JJ, after RFE. <u>TP</u> 0912 fair in JJ.	BC a
9600	1200	UZBEK SSR	Tashkent	in EE. Fair only. Very noisy.	JS
9615+	1954	ALGERIA	Algiers	good with AA vocals. Ident 2000.	DW
9630	0730	NETH.	ANTILLES Radio Nederland	'Happy Station' via Bonaire, Sundays, with Tom Meyer. Much interference.	RKC
9655	0800	GREECE	Athens	with Greek prgm, Also at 2100, with EE 2115.	AC
9665	1140	SOUTH KOREA	KBS	fair in EE with Middle East Service.	TP
9665	1558	SWEDEN	Horby	500kw tuning call & ident in many langs. 1600 s/on in EE. Very good till covered by RBI in FF from 1615.	DL
9670	2045	PORTUGAL	AWR	via Sines with 'Katherine Koolman' prgm, strong.	JB
9690	1715	GREECE	Athens	in Greek for USSR. Fair, new freq 19/3.	JM
9740	2030	PORTUGAL	Radio Portugal	with good reception in EE.	BG
9760	2115	GREECE	Athens	with EE Nx for Australia. Fair //9655.	JM
9805+	2200	EGYPT	Cairo	with mx & EE talk on literature. Fair-good.	DW
9895	1000	HOLLAND	Radio Nederland	Lopik good in EE. Noisy. <u>JS</u> 0820 request mx prgm in EE, fair-good. <u>BJ</u> 1507 EE Letterbox. S/off 1520.	DL
10045	1825	VIETNAM	Hanoi	excellent in EE.	JS
9765	0330	ASCENSION ISLAND		believed location for BBC African Nx. Good.	JB
11625	0505	ISRAEL	Jerusalem	, fair signal with news.	RKC
11720	0035	AUSTRIA	Vienna	in GG for Sth America, ex 11870 12/3.	JM
11735	1229	SWEDEN	Radio Sweden	via Horby EE 'Saturday Show'. Fair only.	JS
11755+	1958	FINLAND	Helsinki	good with 'Friday Magazine'.	MO
11765	0830	PHILIPPINES	FEBC	vg in EE s/on, then Nx. IFRB listed Iba site for this tx on 11890 from 6/3, but as no tx yet on 11890, 11765 may be from new Iba location? <u>DL</u> 0800 Good in EE.	JS
11775	2120	USA	WINB Red Lion	with EE religious prgm, fair.	BJ
11780	2100	BRAZIL	Radio Nacional de Brasilia	good reception. BG. Good in EE with Carnival celebrations. <u>TP</u> . 2105 'Panorama' in EE, fair. <u>BJ</u>	JB
11780	2200	USA	WYFR	with UPI World Nx in EE for Europe. Fair, ex 11885.	JM
11785	0400	SEYCHELLES	FEBA	s/on EE prgm. Good signals. <u>RC</u> EE for East Africa, fair.	JM
11790	1104	INDONESIA	Voice of Indonesia	poor in EE with mx & news.	TP
11810	0030	AUSTRALIA	RA Shepparton	in EE for Asia, ex 11705. Fair.	JM
11810	0325	SEYCHELLES	FEBA	with Farsi prgm. Fair, new frequency 19/3.	JM
11815	2205	USA	WYFR	SS religious prgm ex 11875 fair //9690, 17845.	JM
11825	2140	TAIWAN	VOFC Taipei	EE now to 2240 s/off. Fair 11/3.	JM
11835	1050	SRI LANKA	SLBC Colombo	with poor reception.	BG
11845	0345	SEYCHELLES	FEBA	with AA prgm 19/3. Fair, new frequency.	JM
11850	0800	PHILIPPINES	FEBC	Radio International poor // to 11765.	JS
11855	2045	CANADA	RCI Sackville	with 'Friday Magazine', fair-good.	RKC
11875	0945	JAPAN	NHK	with nx, cmtry, good in EE. 15235 also good, 0930.	BJ
11930	1914	FRANCE	RFI Paris	good in FF.	BC a
11935	0312	PORTUGAL	Lisbon	very strong in EE.	JS
11945	0700	SWITZERLAND	SBC	weak signal with severe QRM.	JS
11945+	1942	LIBERIA	ELWA Monrovia	poor in EE. Ibo prgm from 1945.	MO
11950	1830	BULGARIA	Sofia	in EE for Africa, fair. FF 1900. New timing.	JM
11955	1900	SRI LANKA	Colombo	EE to UK, Europe good //9720, 7190. <u>CS</u> 1915. <u>RKC</u>	RKC

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
11990	1740	CZECHOSLOVAKIA	Prague	good in EE at this time.	JS
12035	0900	VIETNAM	Hanoi	fair in EE. <u>BJ</u> . 12033 in Malay from 0930, fair.	DW+
12055	1200	CHINA	Radio Peking	s/on in Tagalog for Philippines. Vg signal.	DL
12085	1814	KUWAIT	Radio Kuwait	good in EE. Mx prgm. <u>DL</u> . Hrd past 1844. x9555. <u>JM</u>	
15105	2046	GRENADA	Radio Grenada	vg with Rothmans advts & Cricket past 2130, then rapid deterioration.	PO
15105	0630	AUSTRIA	ORF Vienna	fair in GG to East Asia.	JS
15120+	1113	SRI LANKA	Colombo	with slow dictation nx in EE, good.	DW
15175	1100	NORWAY	Radio Norway	, Oslo EE ident, then Norwegian, good.	BG
15205	2100	GREECE	VOA Kavala	EE Nx strong. <u>JB</u> . (think this Greenville. BC)	
15210	0959	BELGIUM	Brussels	int.sig, FF annc'ts, mx. Poor.	JM
15230	1035	AFGHANISTAN	Kabul	with RR Nx. Poor ex 15195. <u>JM</u> 1130 EE nx.	AC
15235	0010	PHILIPPINES	FEBC Manila	with EE programme.	AC
15245	1958	ZAIRE	Kinshasa	vg with indigenous play. Mx, idents 2007.	PO
15260	1330	FINLAND	Helsinki	in EE for Far East. Fair.	JM
15265	1913	FINLAND	Helsinki	often good in EE at this time.	BC
15270	1240	BANGLADESH	Radio Bangladesh	, Dacca. Fair reception.	BG
15290	2300	PHILIPPINES	VOA Poro/Tinang	strong with EE news.	JB
15295	0730	MALAYSIA	Voice of Malaysia	excellent in EE.	JS
15340	1814	PORTUGAL	Lisbon	poor in EE. Noisy, co-channel QRM.	JS
15400	1400	IRAQ	Baghdad	with Urdu annc'ts & mx prgm. Fair.	JM
15410	0239	AUSTRALIA	RA Carnarvon	good in EE with echo. 0240 Sun, DX pgm.	DL
15512	0533	ISRAEL	IBA Jerusalem	s/on poor in RR.	BCa
17710	1855	USA	VOA Bethany	good with African Panorama, good.	CS
17755	2000	ECUADOR	HCJB	with station ident & rlg prgms in EE, fair.	CS
17775	0745	SWEDEN	Swedish Telecom Administration	good with SSB relay of Home Service in Swedish. 0806 full EE ident, then left air.	DL
17805	1320	PORTUGAL	Radio Free Europe	exc with annc'ts in EE at 1400.	TP
17810+	0533	ISRAEL	Jerusalem	with int.sig & RR ident. Soon jammed.	MO
17810	0930	CHINA	Radio Peking	s/on Tagalog vg. Id "Ito ang Radyo Peking".	DL
17830	0230	PAKISTAN	Radio Pakistan	EE dictation nx to 0245. Exc.	BCa
21465	0300	JAMMING	here till at least 0600.	For whom?	BC
21570	0800	AUSTRALIA	RA Carnarvon	often since 16/3. Over Pakistan till 0815. RA better later. <u>BC</u> 0945 'Countdown' in EE, good.	CS
21604m	1000	KUWAIT	Radio Kuwait	s/on strong in AA 'Huna Kuwait'.	BC
21665	1110	PORTUGAL	Radio Free Europe	good reception in Polish.	BG
21680	0900	SWEDEN	Radio Sweden	experimental SSB tx fair 16/3 in RR. Not audible since. <u>BC</u> . 0919 fairly good in RR. FF from 0930.	DL
21690	0904	ITALY	RAI Rome	excellent in Italian. S/off 0930.	TP
21690	1235	SWEDEN	Radio Sweden	Stockholm with EE commentary.	RKC
21730	0400	CHINA	Radio Peking	poor in EE till s/off 0455. Suspected 1st harmonic of 10865, but neither freq in list annc'd at s/off.	BC

CONTRIBUTORS

Our thanks this time to: TP Trevor Phillips BJ Bill Jolly JB Jim Benzoni DL Dene Lynneberg MO Masami Onizawa (Japan) BG Brian Gall RKC Ray Cundy BCa Bruce Cavanagh DW Dick Whittington (Aus) CS Cecil Symmes JS Jack Searle RC Ray Crawford JM John Mainland AC Arthur Cushen JD John Durham BC Bryan Clark PO Paul Ormandy Notes from PE recd too late, held over.

SPECIAL QSL CARD

A special QSL has been issued to verify reports on the SSB (single side band) experimental transmissions of Radio Sweden. (See 17775 & 21680 above). Address for reports is Swedish Telecommunications Administration, Broadcasting Division, S-12386, FARSTA, Sweden. SCDXers

KOREAN CLANDESTINE station "Radio Echo of Hope" has been observed on 6348kHz with three daily broadcasts in Korean for North Korea, at 0200-0505 with repeats at 0900-1205 and 1230-1535. In the 0900 repeat, news is heard at 0905, 1015 and 1145 GMT. BBC MS (c)

PAUL RAMSAY of Oamaru writes of his rather unusual 'spouting aerial', which has given him a 3-fold improvement in SW reception and even better on MW. He uses the copper spouting of his home!

ARTHUR CUSHEN'S SHORTWAVE REVIEW 19

The seizure of the Voice of the Gospel by the Ethiopian Government has taken ETLF off the air and replaced it with the Voice of Revolutionary Ethiopia. Burundi Radio Cordac has also been nationalised.

All times in GMT

All frequencies Khz.

Afghanistan: Radio Kabul is on the new frequency of 15230 and is heard in English to Europe at 1130. This frequency replaces 15190.

Antarctica: AFAN McMurdo 6012 did not change frequency last month and is still heard well around 0950 with full station identification.

Canada: With the closure of the South Pacific transmissions from Radio Canada International, it is planned to cover this area with the North American transmissions, according to RCI Chief Engineer George Jackson. The NA transmissions are 0300-0330 on 5960 6000 9535 9655; 0400-0430 on 5960 9655, and from 2030 to 2100 on 11855 15325 and 17820.

Egypt: Radio Cairo is currently broadcasting to North America in English 0200-0330 on 9475. Announces also 7120 which is blocked by Peking.

Ethiopia: ETLF was taken over by the Government on March 12. The station first commenced operations on February 26 1963 using two transmitters on 100kw feeding eight curtain arrays. The station broadcast in 14 languages and had a staff of 200. According to the BBC, the station has returned to the air as the Voice of Revolutionary Ethiopia and operates 1500-1700 on 6015 and 7180 with English at 1600.

Greece: Athens broadcasts to Australia 2100 in Greek, 2115 in English on 6140, 9655 and 9760. It is also heard on the new frequency 9655 at 0800.

Holland: Radio Nederland Bonaire 9715 suffers interference from Havana from 0630 and it has been suggested that the transmission be carried on 9590 for 0630-0750 in Dutch and 0800-0920 in English. The other frequencies used at this time are 9630 (English) and 9770 (Dutch).

Hungary: Radio Budapest on 7275 is heard in Turkish on Sundays 0700-0900. The station is also being heard on 9655 at 2030 but is blocked at 2100 by Athens.

Nepal: Katmandu is being heard on 3424 with English at 1440 and news at 1450.

Nigeria: Has been noted on 5965 with interval signal at 0558, and news in English at 0600 under the Voice of America. 7275 is heard with programme summary at 0658 and opening at 0700.

Papua New Guinea: Radio Northern Solomons 3322 is heard on Saturdays with a request programme at 1130. Sign off 1500. Slogan was formerly Radio Bougainville.

Philippines: FEBC have announced the following changes effective until 3 Sept. 9505 replaces 11890 1200-1620; 11855 replaces 11890 2300-0600; 15385 replaces 15300 0000-0200, and 15390 replaces 15300 1300-1400.

Sweden: Stockholm 11705 in its transmission to New Zealand suffers severe interference from Paris. It has been suggested it return to 9605 for this transmission.

U.S.A.: KGEB 5980 has a DX session on Mondays 0710-0720. The VOA has reinstated 21610 for the transmission from 2200-0000. President Carter has asked Congress for an estimated \$50 million to double the output of Radio Free Europe and Radio Liberty, and add a further 12 transmitters to the Voice of America.

Venezuela: Ecos del Torbes is being heard on the new frequency 6190 at 1100. This frequency has the call YVPC and is fair reception although with some interference from Moscow.

..sign off..

PHILIPPINES DXH-2 Davao City, Mindanao has been heard testing on 7280kHz at 0830-0900 and also around 1030, with music & anncts. The station is said to be owned and operated by the University of Mindanao. Hayashi, Nakanishi SCDXers

ELEVEN METRE BAND Reallocation of the frequencies between 25850 and 26050kHz to radio astronomy will be a submission to the 1979 World Administrative Radio Conference. Sundstrom NRC via NASWA

AFFAIRS & ISSAS, France's last colony on the African mainland, will become independent in late June. BC

LA VOIX DE L'EMPIRE CENTRAFRICAINE is the new name for Bangui's radio station following proclamation of Colonel Jean Bedel Bokassa as Emperor on 4/12/76. Bangui has been heard on 5038kHz. SCDX

R.V.O LISTENERS INTERNATIONAL is the DX programme of the English Service of Radio Veritas Overseas, Manila, Philippines. This 20 minute prgm is broadcast every Monday, 1440-1500 GMT, with host Miss Evelyn Salvadora. The prgm sponsors a Lucky Letter Contest in which a letter is drawn once a month from the DX Raffle Box. The winner receives a special gift from Radio Veritas Overseas. via Jack Searle

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE

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All queries re membership, policy matters, stationery requirements, subscriptions & competition awards, should be addressed to Invercargill.

EDITORIAL OFFICE

P.O.Box 2956, Wellington.

Only queries relating to content & distribution of the Times should be directed to Wellington.

Closing date for contributions is usually 5pm on first Monday of the Month. Advertising: 50 cents for up to 30 words. Other rates on request.

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Joining fee surcharge of \$1.00 for new members only. Overseas rates available from Invercargill.

RADIO VOICE OF THE GOSPEL is no more. ETLF in Addis Ababa, Ethiopia began religious broadcasting back in February 1963 for the Lutheran World Federation. Since mid-March, the station has been controlled by the Ethiopian Ministry of Information and National Guidance. The Voice of Revolutionary Ethiopia uses 7180 and 6015kHz, in Amharic 1500 GMT, Arabic 1530, FF 1600 and EE 1630 till sign-off 1700. BBC MS

WYFR FAMILY RADIO is moving it's 5 transmitters from the 40 acre site at Scituate, Massachusetts to a 660 acre location near Okeechobee, Florida. 22 antennae will replace the present 9, and older equipment will also be replaced. WYFR will not lose any air-time during the gradual move, expected to take 12 to 18 months. Phase 1 is under way and includes installation of 2 new rhombic antenna & transmitter buildings. SCDXers

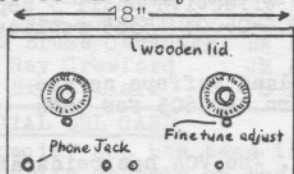
FOR SALE: Trio 9R59DSM communications receiver in original condition. Make an offer to Des Davey, 16 View Road, Te Kuiti.

SELL: RF Booster. MW through to 21mcs. Switched coils. Impeccable 'Robins' design ! Add 50% to the input of your set. 9v operation. \$22.50 posted. Tony King, Box 3160, Wellington.


market square

FOR SALE: National 3 band Radio/Cassette Recorder Model RQ238FJS. MW, SW, FM. 24 diodes and transistors. AGC & AFC. All attachments. Price \$350 ono. Write - Bob Harmer, 61 Hillcrest Ave, Rotorua. Telephone 81132.

WANTED: Help in restoring vintage receiver. Make not known, but appears to be an early kitset. Is a wooden



box cabinet with depth approx 12". Both dials numbered 1 to 100. Is battery operated. The

valves are shaped thus:  with 4-pin anyone set. I'm also after one main round dial, a set of old headphones as used on these sets, and a trumpet style speaker. Write to: Des Davey, 16 View Road, Te Kuiti.

NB: AMENDED CLOSING DATE NEXT ISSUE TUESDAY 26 APRIL at 5pm