



NEW ZEALAND DX TIMES

Registered at POHQ Wellington as a magazine

VOLUME 26 No. 3

FROM THE **BOX 2956** MAILBAG

NOVEMBER 1973

VERY INTERESTING! We have recently seen a printed QSL card issued by the American Forces Korean Network for a 1969 reception report. Beneath a list of the 17 AFKN stations it states: "Dear DX League Member, Your reception report has been checked and found correct", followed by details of frequency, power, time and date. The card in question was received by a Japanese DXer. Did a League member design a QSL card for them? Any clues?

DAYLIGHT SAVING. On 8 November the Government announced plans to introduce legislation in the 1974 session for the implementation of half-an-hour daylight saving for a years trial.

AUSTRALIA'S 50TH ANNIVERSARY OF RADIO will be commemorated by a commemorative stamp to be issued on 21 November. Wireless experiments were conducted in Australia as early as 1897 and on 23 November 1923, the first regular radio broadcasts began from station 2SB (now 2BL) in Sydney. 12 days later 2FC Sydney was also on the air. Special first day covers may be ordered from Philatelic Bureau, 374 Bourke St., Melbourne, Victoria 3000 at a cost of 16 cents Australian each, but orders must be in no later than 27 November.

CONGRATULATIONS! Once again Douglas Doull of Auckland has been successful in winning a major prize in an international SWL contest. The Auckland Star recently published a large photo and feature on Douglas' winning a Grundig 600 from Deutsche Welle.

PACIFIC DXPELITION. Earlier this year member Chris Martin of NSW took a cruise to Hawaii on the 'Oriana', taking along his Trio 9R59DS and a collapsible ECB loop antenna. Unfortunately the ship's 230v power supply had no noise suppression on it, and as a result only 'hash' came out of the speaker. However the trusty 10 transistor National R307 with which Chris began DXing in 1962 came to the rescue, and early each evening crowds were attracted to the stern deck to hear radio and loop tuned to KDAY Santa Monica and 'Wolfman Jack' at the microphone.

ANOTHER COMPETITION! With the competition period of the League's 25th Anniversary Contest drawing to a close, watch out for yet another opportunity to receive a special award for your hobby. Details in next months issue of the Times.

BROADCASTING IN PAPUA-NEW GUINEA. This series, begun in the July 1973 issue, will not be continued, pending restructuring of radio in Papua-New Guinea to coincide with independence next month.

DX HOLIDAY. Winning a North Island holiday in an NZBC Competition, Craig Crawford of Christchurch used the opportunity to visit radio stations. His comments: 12C Rotorua - large news & admin staff in modern building with small studio, 1ZA Taupo - simple equipment in converted house; an attractive setting, 12H Hamilton - a large neon sign, good studios...(turn to P.2)

WELCOME to the following DXers and SWLs who have joined us in the past few months: Miss Ann Woods of Nelson, G.Stanborough of Invercargill, Tony Smith, W.J.Eddy & David Hadler from Christchurch, Bob Harmer of Rotorua, G. Butler, Miss T.Offord, T.M.McRae all from Wellington, Peter Walmsley of Cambridge, M. Stockley of Tauranga, Raymond Hodgson and T. Smith of Auckland, Arthur Kindell - Levin, Leigh Morris from Palmerston North, Norman Clover of Hamilton, S.Blom from Otara, Mark Corrigan from Wanganui, A.Bayer of Orewa, T. M.McKow of Dargaville & Robert Willis - Taupo. Ralph Sanserino, Don Sheedy, Timothy Canary of the U.S.A., Theo Donnelly, Charles Kelly of Canada, Noorul Abidin - Malaysia, David Bennett of Papua-New Guinea, and from Aussie: Chris Hambly, Ian Donaldson, M.J.Joyce & E. Moore. Glad to have you aboard!

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 5 DECEMBER. PLEASE SEND DETAILS OF YOUR DX, QSL'S, LADDER TOTALS & B.O.M. ENTRIES TO BOX 2956, WGTN, NZ.

2 League makes Submissions on NZ Broadcasting.

On Tuesday 16th October, the League's submissions on the future of Broadcasting in New Zealand, prepared by Arthur Cushen and Bryan Clark, were presented by the latter to the Parliamentary Select Committee. Our submissions covered two aspects:-

(1) Upgrading of Shortwave Service. Full support was given to the Adam Committee's recommendations (See page 9, August DX Times) that "Radio New Zealand's" 2 transmitters be boosted in power to 50 or 100kw. We pointed out that the improved signals could in fact give reasonable worldwide reception and suggested that broadcasts in Asian languages be considered at a later date, to supplement the improved programming envisaged for Pacific languages. Mention was made of the place of Radio Australia in the international shortwave scene and the possibility of an ORTF relay station in the Pacific. Questions from the MP's mainly concerned the obvious merits of 100kw as opposed to 50kw transmitters..

(2) Medium Wave Frequency Usage. With increased use of the broadcast band in this country, we stressed the need to conserve channels and not 'waste' valuable frequencies on "repeaters"! Already 14 NZBC stations are simply repeaters and in the long run cannot warrant sole usage of a frequency, and we considered that the only technical way to provide for future expansion of AM radio in New Zealand was to synchronise like-programmed transmitters on the same frequency, as is common practice in Europe and being introduced in Australia.

In appendices to the submissions, background data on the League and current trends in International Shortwave Broadcasting were given.

It is understood that the new Broadcasting Bill will have come before Parliament by the time you read this report.

FROM THE BRANCHES

SOUTHLAND The October meeting was held at Eric McIntosh's with 10 present. After brief business discussion, members heard three tapes: Merv Branks spoke on the 25th Anniversary Meeting in Dunedin and played part of the opening remarks of Jack Fox, Arthur Cushen played an interview made at Radio Australia and finally the Radio Canada five-nation linkup, being a copy of the original received from CBC. Competition Results: BCB to Arthur Cushen BBC Cyprus 1322. SW Over 9 to Lindsay Robinson Norway 21730 10kw; Under 9 to Steven Greenyer Gabon 3350 4kw.

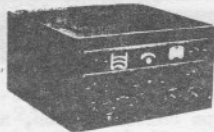
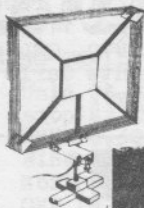
OTAGO Only 8 were present at the October meeting, with 1 apology. Tapes of a 4X0 interview with Arthur Cushen and Radio Nederland's 25th Anniversary Greetings were heard. Arrangements were made for a Progressive dinner and social to be held in early December. Competitions: BC Senior to Graeme Shillito XEWA 540, Junior to Peter Jackson with PJB 800. SW Over 9 to Denise Shillito RBI Berlin 9730, Under 9 a tie for Graham Pont FEN 3910, Jonathan Aitchison Poland 6135 and Errol Monson Prague 5930.

NORTH OTAGO 10 attended a meeting at the Listening Post on 26 October. A Visitors Book for the Listening Post has been donated by Ito. The Inter-Club competition is coming along nicely. Cliff outlined a two-metre course to be held after Christmas. A booster being perfected by Nigel Robins of Wellington was tried out with great success on some of the radios. Next meeting: 22 November. 2 car-loads of Dunedin DXers had a great time in Camaru as guests of the Branch on 13 October. Cliff Shirreffs showed them around the Post Office, including the Micro-wave department.

WELLINGTON The October meeting was held at John Mainlands with 9 present, including Bill Rosoman from Tokomaru Bay. A DXpedition is planned for late January to Castlepoint on the East Coast, and a visit to the radio room of a Cook Strait ferry was proposed. Discussion included the boosting of Radio NZ's power. Next meeting 25 November 1430 hrs at 47 Upper Watt Street, Wadestown. Competitions: SW Senior to Bryan Clark with Azores 4865 1kw and Luxembourg 15350 50kw. SW Junior to Jack Farrow SBC 11715 and Derek Benfell Luxembourg 6090. BCB to Bryan Clark with KGA and Sharjah 1575. Utility to Richard Walshe with Auckland Aeradio 5836.

//

BOX 2956 continued. ...in an old building, 12D Tauranga - disgustingly dark and dingy studios with very old equipment, 1XI Auckland - modern equipment in an old cramped building; I was unwelcome, 1XA Auckland - in a beautiful, modern, spacious building, large studios and a large staff. I was given an excellent reception and tour. After the tour Craig remains a dedicated Radio Hauraki fan.



BROADCAST DX with George Masson

Early evening DX is definitely improving, as it should be at this time of the year. Look in the Trail at some of Robin Chambers' loggings for instance. How about Bill Woller's BOM entry - AFTN 1450 operating with only 25 WATTS. Fantastic! Should be worth more than 148 points.

- + 1YK Kaitaia came on the air October 29 on 1010.
- + 2XW Radio Windy (Would you believe it!) 1080 should be on the air mid-November. According to the

station it will start at 5.30 a.m. Friday 16th November. Carrier tests from 10th. It looks like there will be more frequencies to bite the dust. Dene Lynneberg advises that the following channels have been tentatively earmarked - 540 730 and 790. And lastly, maybe the chance to log a U.S. pirate. Radio Free America has been broadcasting off the New Jersey Coast on 1160. A move to 1608 has been considered. With North Americans improving there's always the chance it could reach 'down under.' See Sign-off on the back page for more details. Nigel Robins assures me his Booster article will be ready for next month's Times. I've just received a sample today and will review its performance after a month's use.

Time Changes: U.S. Daylight Saving ended 27 October. Australia on daylight saving now except for Queensland and Western Australia.

CLIVE ALLEN, Palmerston North has a ver-
-ie from Damman 885. A good one.

ROBIN CHAMBERS, Opuake has reported
Fiji 1570 Far East USSR 1123 EAKL3
1268 TGRC 605 Lisboa 755 DZEL. Veries
from BBC Cyprus 1322 Avon Athens 728
Damman 885.

RALPH SANSEIRINO, California has
reported that Colosal Colombia
now on 1005. Perhaps it will have
settled down by next southern winter!

FRANK WILSON, Dunedin has logged TGRC
600 Riyadh 587 JOBK 670 KGTA 1030
KGB 1300. QSL from JOSF 1330. Now 1587
QSL's from 82 countries.

NIGEL ROBINS, Wainuiomata in between
soldering up boosters has logged WOKY
JOHB, with QSL's in from CHUB and JOHB.

DENE LYNNEBERG, Titahi Bay has logged
4QR KPQD 750 3WV KXL RDDR-1 1570 KRMG
WHAS 840 7SD CJOR 600 1YK KLEI. Verie
from Damman 885. Been busy....

DES DAVEY, Te Kuiti, has veries from
2ZW 3XA 7HT. Reported KORL.

LINDSAY ROBINSON, Invercargill has
no logs but QSL's from 3AY 6WA.

BILL WOLLER, Opuake has no reports
out but veries from 2CA and AFTN
1450 25 watts. What a prize!

PHILIP BROOKS, Wanganui has reports
out to 1XW 1XX 2ZM 1ZH with QSL's
in from 1XW 3XA 3KZ.

ELIZABETH HELLYAR, Bulls has logged
3XA 2YB 2UW. Verified 3XA. Long wire
won't help the loop really!

SUTTON BURTENSHAW, Invercargill has
logged 1YK 4BU 6DL 6GN 6GF 6PH HLDA
1570 KISA 1540 KIOB 1080. Veries in
from 4BU Monte Carlo 1232 DWWW 1280
HLKX 1190 Damman 885 Kuwait 1133
539 Diyarbakir 1061 KCCN 1420 KISA
1540 CKLC 1380.

ERROL MONSON, Dunedin has QSL'd 3NE.

MICHAEL STOCKBY, Tauranga has logged
3XY 2KO 2CA ZGO 2KY JOAR JOHB JOPG
JORU 2WK 2SM 2KZ 2GB KCBS VOFA 1580
Peking 720 AFTN Taiwan 1550 Peking
620. QSL's from JOCF 7HT and Avon.

PETER JACKSON, Dunedin has logged
KPNW PJB KGMB KGIL WSUN KFRG.
Veries have arrived from 6PM 6TZ
2NZ PJB 4IP and 3BO. Like the
sound of your aerial setup!

SINCLAIR BENNETT, Christchurch has
logged 3HA CFRN 2NM 3GI KGMB. 3HA
QSL'd.

CRAIG CRAWFORD, Christchurch has
logged WHAM KCCN KISA Cyprus 1232
VOP 1542 KRMG KIOB. Veries from
3XA KISA KCCN RMC Cyprus.

BRYAN CLARK, Wellington has logged
BBC Masirah 1412 Tirana 1394 JOOR
1210 WSUN 620 TGRC Campesina 605
(Thanks to RC) JOHK 890 and a third
to Radio America 1010, CJOR 600.

4 BRYAN CLARK, Wellington has QSL's from 4LM DZAS KGA and Sharjah 1575 - country 52 and 15th towards anniversary competition.

GRAEME SHILLITO, Dunedin has logged HJHJ 600 1YE KRVN 2nd JOKR JOLB and KKIS 3rd. Veries from XEWA 2MW 1YE and 3XA.

HARRY WEATHERLEY, Victoria has reports ot to KFRG XET WVUV WXLE Raki Raki KFBK XERF. Veries in from BBC Masirah 701 Taipeh 890 Lautoka 890.

ALAN CRAWFORD, Invercargill has logged Kuwait 539 Jordan 800 Vatican 1529. QSL's in from CBR JOLF KRLD KIOE Israel 737 Iran 841 Jordan 800.

JONATHAN AITCHISON, Dunedin has logged KORL 1YX. Veried 2ZG 3ZC 2UW. Jono now has his loop going well.

STAN LARKING, Whakatane has logged KTOM KRVN JOHB JOQG HLCN with veries from Sharjah 1575 (77th country) Sigatoka 930 JORK JOHB JOQG.

ARTHUR CUSHEN, Invercargill has verified 1YE 3XA JORB Kuwait 539 BBC Cyprus 1322 and has reports out to 4JK North Korea 1135 1YK.

TONY SMITH, Christchurch in his first report to the Times advises QSL's from 2UE and 1XI. Welcome.

IAN DONALDSON, Victoria has reported 2ZB 7ZR and BBC 1457. QSL from 3DB. Welcome. Please separate your BC and SW contributions.

DUDLEY CARTER, Invercargill has logged VOFA 1580.

KEITH ROBINSON, Kapuka has reported 3MA 2NB 6WF with QSL's in from JOIR. KIOE CKLG also reported.

MICHAEL POLLARD, Temuka has QSL'd JOQR and Singapore 790. Ether you log 'em or you don't. Nice type writer.

PAUL FROST, Tauranga has logged 4YA 3YA KTOM 7HT AFNT 1550 Cyprus 1232 Fiji 560 2CH 2NX 3XY 2MG DZFM 4AK 4IP Kuwait 1133 Munich 1602 Berlin 1511 XERF. QSL's in from XEROK KGBM VOFA 3XA Singapore 790 XEPRS 3AK 1ZU 1ZA 3YW 2YB 2YX 1ZK 3YZ 1YX 3YA JOQR 2NX 4IP KNBR KING HLKX 7HT Peking 1525 2YZ Monte Carlo 1232.

ERIC MCINTOSH, Invercargill has reports to 6BS 6ED 6GF 6VA DZRH KPNW KTOM. Veries from 1YE 3XA Masirah 701 Germany 575.

CHRIS MARTIN, N.S.W., has reports out to Israel 737 Monte Carlo 1232 1ZK Suva 560 Djibouti 1538 FEN Okinawa 650 Malaysia 570 USSR 584 Gauhati 730 Tananarive 1394 Mozambique 872 1160 1223 1295.

Chris Martin, continued with reports out to Tirana 1214 Bologna 1115 Damman 885 Algiers 890 Saigon 870. QSL's in from Okinawa 650 Monte Carlo 1232 Israel 737 (90th country).

November

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

December

7.30-8.30pm United States.
8.00-9.00pm Central America.
8.00-8.45pm Canary Is. sometimes briefly.
8.00pm onwards Asians. Philippines at 10.
8.30pm Pacific Islands peaking.
2.30am Pacific states USA peaking.
3.00-4.00am Asians often very good.
3.30-4.00am Hawaiians.

Robin Chambers



Bill Woller, Opunake with
American Forces Thailand Net.
Nam Phong 1450kHz 25 watts
148 points
OPEN

NEWS BRIEFS

Jon Pearkings, Vancouver advises that KFBK is no longer AN and KBOI is AN-6, off Sunday morn. CKVN 1410 has reverted to its old call - CFUN, with R&R and NSP. KTW 1250 is no longer rlg; now all news and telephone talk etc.

Ralph Sanserino, California (CBF editor of ASWLC asks for help in identifying an Asian heard on 1475 by one of ASWLC's members. Sign on with chimes at 1055 GMT and Kuala Lumpur, Malaysia mentioned. Heard in Wellington at good level 9 November with orchestrals till s/off at 1202 GMT with ident like "Radio Malaysia" and anthem. How about it, Robin? BC

BROADCAST TRAIL

EVENING TRAIL

540	Unid SS 7.07 XEWA ? CBK 6.15. non stop Mx fair	DL
550	KMVI 6.30. pops VG	DL
580	WIBW Nx 8. (GM) KMJ 7.24.pops	DL
585	North Korean gd 9.25	RCh
590	CMW La Voz de Cuba VG 7.30 - 8.	DL
600	CMKV 7.50.// 590	DL
	KOGO 7.23 - 8 SB GM	DL
	CJOR telephone talk show 7.40	BC
	CJOR Nx 7 with KOGO	DL
605	TGRG Radio Campesina 7.23 29/10 several ID's	BC
	8.03 - 8.27 and earlier FW	RCh
610	KFERC 8.45 Nx	DL
620	WSUN Nx half hourly 8 good. Best Monday night when Nuie off	BC
	'This is KTAR in Phoenix' 8.40	DL
	ID	DL
	KWFT 10 good	GSh
	Nuie most nights	DL
625	North Korean good 9.25	RCh
635	North Korean good after 9	RCh
640	KFI 6.24 good. 'Arco Kings Hockey Broadcast.'	DL
650	KORL 6. a/n	DL
670	WMAQ under Noumea 7.10	DL
680	HJBU 10.05 Nx in SS	GSh
685	North Korea good 9.45	RCh
690	KKUA 7.05 good in Eng thru 3YA	DL
	WVOK under 4KQ with baseball till f/out 12.40.	BRW
700	WLW 6.26 telephone show.7 Nx & Cincinnati wx	DL
710	KIRO 6.28 VG over Fiji	DL GM
720	KUAI 6.25 sports commentary//790 and 550 (21/10)	DL
725	Thai good 9.15 - 9.20	RCh
730	CKLG 7.10. Beatles ads for Eagleford	DL
735	North Korean good 9.30	RCh
740	Tahiti s/off 7 FF anthem. KRMG gd 7.40	DL
750	KFQD 6.44 VG ads nx 7 19/10	DL
755	Lisboa 11 carrier on from 6.40. Tone test 6.50 - 6.59. Time pips 7, brief ann, trumpet fanfare, news, fades 7.15 22/10	RCh
765	Malaysian fair 10	RCh
770	JOUB Eng lang lesson 9.30 gd	BC
	KOB gd 7.30	GM
775	Lisbon 11 ? Carrier good 6.50 s/on 7 then fades 23/10	RCh
780	KCRL thru 4YA 6.50	DL
	KCRL heard 7.50	GM
790	KABC mixed KKON 6.25. KKON // 720 on sports 21/10	DL
800	CKLW fair 8.10	GM
	XEROK strong reg	GM
	Pyongyang exc 9.30	RCh
	Pyongyang in Korean 9.25	BC
810	KGO ? under Fiji nightly	DL
815	North Korean good 10	RCh
820	WBAP 6.35 over 4ZA	DL
	Heard under NZ 7.15	GM
825	SS TIOS ? fair 7.15	RCh
830	KIKI 7.30 thru 1YX	DL
840	WHAS 6.40 mixed 2ZD. 7.10.	DL GM
850	KOA 6.45 gd	DL GM
870	KAIM 8 good nx and local nx	DL
	JOLB 11.30 Eng lessons	GSh
872	Carrier beating against WWL 6.45 soon faded	RCh
877	North Korean good 10.40	RCh
890	WLS 7.14 good over Fiji	DL
	JOHK fair in JJ. NHK ID 10	BC
900	GJVI 7 nx thru 4YC	DL
910	KNEW Mystery voices Comp gd 7.13. KNEW very strong on 'Best of Life' book ad 7.34	GM
	KJJJ 'KJ Radio' call heard only.	SB
940	KFRE 10	SB
950	KSEL 8 C & W. JOKR 10.45 strong	DL
	KJR/XESM mxd 6.40 good	DL
990	XET often early eves	SB
	KKIS 7.15	GM
	KKIS 6.57. KKIS Pittsburgh Nx and Mx	DL
1010	WINS on nx 7.10. NZer now there. GBR. 'This is CBC Network' 7. Orchestral mx 6.55	DL
1020	KGBS 6.55 thru Aussie	DL
1030	WBZ 6.45. Ad 6.50 Cruise to Caribbean on QE2 from Boston	DL
	Strong 7.30	GM
1034	QSB7 VG 6.35 - 6.50 28/10	RCh
1040	KHVH 6.40 thru 4ZB 9.06 on CBS	
1070	KNX 6.30 nx thru ZB	
1080	KRLD strong often also KWJJ	
	KIOE not often enough	SB
	KWJJ 7.10 Horoscope good	DL
1090	KING strong 6.40	GM
	Mixed XEPRS	SB DL
1110	KFAB light mx and songs 6.50. ID 'This is KFAB, AM & FM' 7	DL
1120	WVUV strong often also KPNW	GM
	At 6.30	DL
1123	Far East Russian gd 1010 - 10.35	RCh
	Mayak int sig 10.29	RCh
1170	KVOO/KOHO mxd often	GM SB
	Spanish fair 6.58	RCh
1180	WHAM under NZer on jazz 7.25	GM
1190	KEK strong often	SB DL GM
1200	WOAI under 2XW 8	GM
	Also at 6.30	DL
1210	KGYN under 4XO 10.40.	GM
	12.10. pop mx and freq IDS	BRW
1260	KGIL 6.22 VG (DL) Often 10	SB
	CFRN gd 7 nx & wx (DL) CRFN 8 and 10 often	SB
1268	EAK-43 fair 6.51 - 6.56. Ann: 'La Flamenca Radio el Ferrol.'	
1270	KNDI mxd 6.21 fair in JJ	DL
1310	KDIA 6.20 under 1ZH	DL
1330	KFH 8.30. telephone talk show	GSh
	KFAC 6.13. 'Minute Mystery,'	DL

Evening Trail - continued

1360 KGB 7.09 - 8.03 FW
 Spanish gd at times RCh

1380 KTOM predominant 6.45 on DL RCh GM
 KRKO gd often around 7.30. GM
 WLCY gd 7.50 GM

1410 CFUN 'C-FUN Radio' has changed
 back from CKVN. SB BC GM.
 WUNI gd 7.50. (GM) on C & W 6.40.

1420 KCCN 6.30 thru 120 DL

1430 CKFH 7.35 (SB) KALI gd 5.45 in SS

1440 JOWF strong after NZer. XELZ
 CFCP and KDNT all after NZ also.
 ?LIV or ?LIB s/on 11.01 4/11 then
 faded after 45 secs. No SSB play-
 ed all SB

1448 Coimbra fair 7 23/10 RCh

1450 Several mixed with KVEN off 8.02
 6/11. Unid on CBS nx 8.15 4/11. GM
 WSZD on island mx 8.21 BC

1500 KSTP under Taupo 8(GM)Also 10 SB

1510 KGA 8 (SB GM) good 6.25 DL

1520 KOMA 10.05 (SB) also 6.09 thru 12U

1530 WKY 7 CBS nx and Mx NR
 KFBK dominant early. Ads for
 Eddies. (DL) KGBT 6.02 EE ID then
 SS DL

1540 KPOL dominant early KXEL also
 quite often. Look for WPTR on a
 good night GM
 KISA 6.35 mxd KPOL - Island mx DL
 ZNS1 exc 7.05 15/10 BC

1570 CHLO 7.30 wx for St Thomas &
 London SB
 VL2NI good 7.15 (GM) XERF gd often
 all nite GM DL

1578 CSB5 strong 7 RCh

1580 Radio Free Asia Thailand 11.30 DCr

1594 CSB4 very good 6.55 RCh

MORNING

587 Riyadh Saudi Arabia 5-5.36 FW

665 Kaunas exc 5.15 RCh

690 WVOK under 4KQ w/ baseball till
 f/out at 12/40 BRW

728 GDR fair in German 5.20 DL

755 Yemen fair 5.55 RCh

792 DYVL fair 6.05 RCh

827 Sofia fair 5.25 RCh

830 KIKI Nx with Rick Shannon 3.45 DL

836 Russian exc 6.45 RCh

850 KICY s/on 3.58 gd DL

854 Bucharest Exc 5.32 RCh

870 KAIM 3.40 thru 2GB in Fili DL

935 Moscow Home svc 5 BC

985 R. Kermanshah fair 4.45 RCh

1020 KGBS 1.54 under 2KY DL

1030 KCTA 12.14 FW

1040 KHVH 3.45 nx VG DL

1070 KNX all nx and sports till f/out
 2.25 BRW

1130 KLEI 4.14 gd in EE over AIR & JOOR

1150 DZEL fair to s/off 4.02 RCh

1160 Arabic exc 5.15 RCh

1162/3 Albania ? good 5.15 RCh

1210 KGYN with pop mx and time checks
 Freq ID's BRW

1214 Albania good 6.10 RCh

1232 Monte Carlo/Cyprus 5.47 gd in
 Arabic DL

1259 Russian exc 6.15 RCh

1376 Lille Dom 5.15 RCh

1394 Tirana mxd Gratz and another
 5.30 RCh
 Albania fair in Rumanian 5.17.
 Russian 5.30 BC

1412 BBC Masirah WS Nx 5 fair BC

1457 Romania exc Int sig 4.55 RCh

1475 Austria 5.43 gd in German DL

1500 KUMU gd thru 3AK 3.50. Nx 4 and
 full EE ID DL

1529 Vatican Concert Liturgy gd 4.45.

1538 German fair gd 5.05 RCh
 heard 5.35 DL

1570 R. DDR1 Burg 4.50 - 5.35 in
 German DL

Credits:

DC Dudley Carter RCh Robin Chambers
 DL Dene Lynneberg GS Graeme Shillito
 BC Bryan Clark GM George Masson
 FW Frank Wilson BW Bruce Williams
 SB Sutton B'Shaw NR Nigel Robins

HOW TO BUILD A LOOP ANTENNA



Copies of this four page article which first appeared in the January 1973 issue are again available. Send a 3c stamp to Box 2956 Wellington. Build your LOOP now!

"Let's get it all together,
 And count the blessings we all share,
 The hills and harbour and the valleys and breezes,
 And the good clean air."



Blowing your way on 1080-independently.

- NEWSBRIEFS -

XEROK 800kHz in verifying Paul Frost said that transmitter power during our Winter had been only 52,000 watts, but it was hoped to be at full power of 150,000 watts before long.

XESM 1470 is Radio Fiesta, XEDF 970 Radio Distrito Federal, XERC 790 Radio Exitos.

XEXX 1420 Radio Rancherita. NRC,DXclusive

THOUGHTS ON AMERICAN BCB DXING.

7

It is a fact that the broadcast band is becoming more crowded every month and unfortunately most of us now have to live with power noise. With the introduction of the domestic TV set, the heterodyne whistles we used to complain about have now been replaced by the dreaded T.V.I. whistles. Even so, the thrill of hearing North American Broadcasting stations coming in on a good night still draws a good number of dedicated DXers to the medium wave band, and now is the time of year to hear them!

Long distance MW reception needs a darkness path between you and the transmitter, but signals can be received up to an hour or so before dark, or shortly after daybreak, either in the reception or transmitting locations, provided that the darkness path falls between you and the transmitter. Reception often peaks up during these periods, which are sometimes referred to as the 'critical hours' of operation. It is for this reason that a large number of American BCB stations are required to operate on reduced or pre-sunrise power and/or a change in directional pattern for the antenna. Without these restrictions, operating conditions, especially on the 250 watt regional channels (1490, 1450, 1230 etc), would be chaotic, as these low powered stations are meant to cover little more than their own town or city, let alone be heard in NZ! Without these restrictions stations could interfere with others on the same or adjacent frequencies, and in fact a station is not issued with a licence if this is likely to be the case.

The best time to listen for North America is the period before nightfall in your area. In Upper Hutt I do (or did?) most of my DXing in the hour or so before dark, but I would add that nearer the coast, particularly the East Coast, they come in a lot sooner. With the approach of darkness, the Aussies start coming in and New Zealanders become stronger and more likely to s-read or splash over onto weaker stations on adjacent channels. For instance, if I'm trying to hear 250 watt U.S. regionals on 1490kHz, I may be lucky on a good night to hear something, say, an hour before dark. With darkness setting in, both Taupo 1500kHz and Hauraki 1480kHz get gradually louder and usually cause progressively more and more sidesplash to obliterate the much weaker signals trying to get through on 1490. This example would not necessarily be true in other locations, but the same effect would be experienced on other frequencies.

Some locations are certainly better than others. It is generally true that the nearer the sea you can DX the better the reception will be, and you will find the signals coming in sooner and stronger than they generally will further inland. For North Americans, the nearer the East Coast the better, but if you cant make the pilgrimage to the coast, dont give up as they can be heard even in such unlikely places as Upper Hutt, which is certainly no DXers paradise!

It has to be a case of checking the band every night, waiting for the occasional good or freak night which may be as infrequent as once or twice a month. Fine weather and a light southerly wind often seems to result in good average reception from North America, but the best reception I can remember was in two or three evenings following the worst electrical storm that I can recall, when stations like WNLC Connecticut 5kw on 1510, WDVA Virginia 5kw pushing thru the NZer on 1250, CHSJ New Brunswick 10kw thru the NZer on 1150, WENZ Virginia 250 watts on 1450, WMEE 1380, WOKJ 1550 and WUNR 1600 were logged! All at Upper Hutt which is just an average location! I think there must have been auroral activity as well, as most of these stations I had not heard previously, nor have I heard since. Auroral conditions can often cause some areas to be blotted out, allowing 'spot' reception of areas usually drowned out by closer and higher powered stations. On these occasions, conditions are sometimes initially very flat and noisy with the Aussies and NZers not even there. If you stay with it, you may find that the band suddenly comes alive with stations that are not normally heard, sometimes so many at once that you have trouble catching any. After half an hour or so, conditions may suddenly go flat again, or another area may come in.

You could also try listening for Americans signing on from 10 to 11pm onwards. Sometimes they will peak up when it is just before dawn in the transmitter location, and they may be heard opening up as daybreak moves across the American Continent until the Pacific Coasters fade out around 2am. Staying up later you can stick with the Hawaiians, and on a really good night you may hear Alaskans until both areas fade out after 4.15am.

George Masson.

AUSTRALIAN TRAIL. The following results of a DXpedition to Western Victoria by Chris Martin were received too late for inclusion in the Trail, but merit inclusion: 602 Reunion vg in FF //665. 611 Kenya very strong with native mx 6.15am. 656 Tanzania 6.30am het with Vietnam. 683 Mauritius 5.55am BBC sports nx vg. 728 Kampala good EE mx 6.30. 746 Nairobi EE nx vg 6am 791 Mombasa strong 5.30. 809 Kampala hets with FEN 6.30. 872 Mozambique very strong off 6.30. 1160 Mozambique bilingual good till 7.50. 1223 ditto in PP at 6.30. 1295 Radio Pax strong FF 6.30. 1394 Tananarive strong in Malgache 5.30. 1538 Djibouti mx good 6.30. Times AET?

HAWAII. KKON has a new CCA 5kw transmitter installed March-April 1973 and their tower faces New Zealand, which should give better signals from now on. KNUI has an excellent tower and salt water swamp ground system but they use a 'discount special' transmitter. An antenna matching network was installed in April and they now make 5kw to their tower. Alan Roycroft via D.Ricquish

PHILIPPINES. Ace DXer Bob Bundy recently returned to the U.S. from Truk, Western Pacific, but before leaving submitted a comprehensive trail to ADXN including the following: DWKU 'Radio One' 555 kHz slogan heard 2.46am; DXLL Zamboanga City 1047 kHz English Id. 1.57am; DZVX Daet, Camarines Norte, 1273 kHz with English Id. 2.30am; DWAY San Pablo City 1323 kHz English s/off 4.01. DZDL Dagupan City 1421-1423v kHz with English Id. 2.45am; New Philippino DWNN or DWFF Manila s/off in English at 4.00am. (Times NZT)

SOUTH KOREA. Radio Korea has Japanese 1300-1400 GMT on 970kHz. FEBC Cheju Island 1570 identifies as "Radio Asia" in Korean. Japanese service was due on in October 1535-1600 GMT. Korean anncts and music has been noted 1030-1230 with an aerial beam change 1130 GMT. D.Kawaguchi JSWC

THAILAND. American Forces Thailand Network came into being in 1966, joining the more than 400 outlets of the American Forces Radio & Television Service in serving the military community overseas. TV was added to AFTN's radio facilities in 1968. The network serves most major U.S. military locations in Thailand with 24 hours a day of radio programming and a 12 hour TV day. AFTN Network HQ is at Korat and there are AFTN radio and TV studios at Udorn, Ubon, Nakhon Phanom, U-Tapao and Korat, plus a radio studio at Takhli. Each location in turn feeds one or more radio or TV satellite or unmanned satellites. The authority and responsibility for operation of AFTN have been assigned to the Air Force as the principal U.S. military service in Thailand. The Chief of AFTN reports directly to the Director of Information, 7/3 Air Force.

Five minutes of news is broadcast every hour on the hour, with expanded news/sports casts throughout the day. AFTN broadcasts many live sports programmes but since most from the States occur during late night and early morning hours, they are broadcast live and then repeated in a late morning or early afternoon time slot, in order to reach the widest possible listening audience. To meet the needs of local audiences, each AFTN radio station originates over 30 hrs of local programmes each week. Most of the stations operate at a very low power by agreement with the Royal Thai Government. Bill Woller (Bill has verified reception of Nam Phong, 1450kHz a 25 watt satellite of AFTN Udorn. Congratulations Bill!)

QATAR. is building a 800kw tx for 750kHz as well as 2 shortwave transmitters of 250kw. A new 10kw station is on 955kHz. SCDX

NEW ZEALAND. For the information of our overseas members, NZBC Colour Television officially began on Tuesday 31 October, with an initial set count of 9000. Even with colour sets at an average price of about NZ\$800, manufacturers have been unable to cope with the demand. Hiline Entertainment & Marketing Ltd hopes to be licenced to operate a 'holiday' radio station for 28 days from 26 December, at Whangamata. Technician Tony Thomas provides the following details: Time of transmission 5.00am to 2.30am the next day. Frequency 1570 kHz. Transmitter a much modified ex Air Force Communications transmitter made originally by EMI, output 300w. Aerial is an 80 foot telescopic vertical mast, omnidirectional. Location the Scout Den at Whangamata. Programme consisting of music, items of local interest and news value, shark warnings etc, but no news bulletins as such. Verification by letter, but if many reports received a QSL card may be printed. Address: P.O.Box 9018, Hamilton North. Thanks to Roy Knox. Another news story that broke during October was the plan by Peace Media to operate a ship-based radio station from International Waters off Tahiti, to protest the French nuclear test series in 1974. The transmitter would be that used by Radio Hauraki in the 'Tiri II' before they were licenced for operations from land. Programming in French is proposed. BC The site for the NZBC repeater at Queenstown has been selected and approved, the transmitter to be located at the end of the Golf Course. Programmes will come from Alexandra and will be relays of 4YA and 4ZB. Arthur Cushen

Capital City Radio, 2XW Wellington on 1180kHz with 5kw is scheduled to open at 5.30am on 16th November from studios at 175 Wakefield St., Wellington and transmitter/antenna located at Horokiwi, overlooking Petone. Antenna height is 250ft. I called on the Managing Editor 9/11 to see progress and discuss the role of DXers in assisting the new station. Initial tests were hoped for 10-11 November. 2XW is particularly interested in how their signal reaches areas in the Porirua to Levin region. If reporting them, give comparisons with the signals of other Wellington stations. Postal address is P.O.Box 558, Wellington. Programming from 5.30am to 12 midnight is planned to be 'fairly middle of the road with not too much chatter'. Bryan Clark Tentative NZBC proposals: National repeater in Central North Island on 540kHz, YC repeaters at Hamilton - 2kw on 790kHz, and at Taumaranui - 20kw on 730kHz. Dene Lynneberg.

SHORTWAVE MAILBAG with John Mainland 9

John Watson of Waipawa in verifying the Brazilian station Radio Ministerio da Educacao at Rio de Janeiro, learns they have altered their callsigns. They are ZYD-5 5990, ZYD-4 9770 and ZYD-3 11950 khz scheduled 0900 - 0300 GMT. Radio Paraguay was no doubt a surprise QSL for Tony Marr. Paraguay on 6015 was formerly a notorious non-verifier. Invercargill DXers Lindsay Robinson, Steven Greenyer and Arthur Cushen have verified TGNA Guatemala on 3300 khz reported to operate with a power of only 500 watts. Now to our first mailbag contributor.

MICHAEL POLLARD, Temuka has no loggings this month, only a lone QSL from Poland 9675.

PAUL FROST, Tauranga has QSL's in from DW Kigali 11905 Prague 11855, Pakistan 15205 RN Mad 7285 Portugal 11840 21495 Moscow 15180 9720 RA Shepp 21680 AWR 9640 Norway 11860 Japan 21570 15300 Finland 9550 RFE 11725 RN Lopik 11730 RGI 15325 9625 RBI 11890 Denmark 15165.

ERIC MCINTOSH, Invercargill has reported eight and received QSL's from VLK4 Vatican 11845 Madrid 11925 RA Lyn 5995.

JOHN WATSON Waipawa, has QSL's in from RN Bonaire 17830 9715 Prague 11990 9540 DW Julich 6185 RNE 15420 7105 Israel 7300 HCJB 17755 9560 6130 AIR 7215 1775 ORU 11920 Canada 15190 DZE9 11890 DZI8 21515 RAI 11905 Lisbon 9740 ZYD3 11950 RA Dar 6120 15395 RA Shep 7235 15405 RA Lyn 15140 Bonaire 11815 Tahiti 15170 Japan 15195 Sweden 11840 Portugal 15315 A little disappointed I missed meeting you John. Another time maybe. Thanks for your notes.

ERROL MONSON, Dunedin has QSL's from Prague 5930 ORTF 7135 Moscow 9530 Vatican 9615 Nederland 9715 Moscow 9730 SBC 11715 RN 11730 Norway 11850 Prague 11990 CBC 15190 Japan 15195 RNZ 6020.

DENE LYNNEBERG, Titahi Bay has veries from Radio Collosuyo 3250, Cayenne 4972, Enugu 7235 Canada 11845 Athens 6175.

ARTHUR CUSHEN, Invercargill has them back from Stockholm 6045 ORTF 11730 AIR 7215 Aligarh 9525 RRI Manokwari 3345 LLJ 11860 Brussels 11920 TGNB 3300 Penang 4985 ORTF 11965.

NORMAN CLOVER, Hamilton has QSL's in from Budapest 11910 Spain 11925 ETLF 11850 RAI 7275 Indonesia 11715 HCJB 6130 Canada 6145 NHK 9675 SBC 17775 Jerusalem 11960 Poland 7285 Milne Bay 3360

BRYAN MARSH, Auckland has verified Brasil Central 4995 after eight months.

ARTHUR KINDELL, Levin has QSL's in from Yaounde 4972.5, Mauritania 4850 Bangladesh 15520 and Kiev 11900.

COLIN CAMPBELL, Rotorua has veries from Oslo 15175 Japan 15105 15300 Brazilia 15445 SBC 9750 11715

NIGEL ROBINS, Wainuiomata has QSL's from DW Werch 7130 and KGEI 11920.

LEIGH MORRIS, Palmerston North has QSL's from VOA Wooff 7220 Hope Sines 9640 with six language disc, Norway 15175 EIRT 7215 after 6 months. Thanks for writing and for the other info.

HARRY SEARLE, Invercargill has QSL's from RN Bon 9715 Sweden 11930 HCJB 5990 11915

ALAN CRAWFORD, Invercargill has them from Tirana 9525 Spain 11925.

STEVEN GREENYER, Invercargill has QSL's in from TGNA 3300 Ghana 9545 HJKC 4755 HRVC 4820 Korea 6135 AIR 9912 Gambia 4820 Togo 5047 FEN 3910 TRT 11880 Belgium 9655 Ivory Coast 4940. A good list Steven. Keep it up!

JACK FARROW, Lower Hutt has a QSL back from SBC 11715.

TONY KING, Wellington has one in from Togo 5047.

PETER HERMAN, N.S.W. has veries in from RBI 9730 17700 Budapest 11910 15160 RA Shepp 11870 SBC 11775 Tashkent 9600 Prague 9605 Nederlands 9715 9770 RGI 9625 Teheran 15084 FEBC 11890.

PHILIP BROOKS, Wanganui has QSL's from RN Bonaire 9715 RNZ 6020 RA Shepp 17870 RGI 9625.

BILL ROSOMAN, Tokomaru Bay has QSL's from Solomons 3995 BBC 7120 Israel 9009 Canada 9625 FEBC 11890 RNE 11925. Glad you could attend our meeting.

CHARLES DOUGLAS, Te Awamutu has QSL's from AFRTS 15410 Havana 11760 Sofia 9700 RA 5 freqs Tebrau 9740 Budapest 9833 TWR Monte 7105 Japan 17880 17855 11875 Nigeria 11925 Vilnius 11735 Papeete 11825

10 ERIN ARDLEY, Auckland has QSL's in from Sweden 11790 AIR 17705 9705 15355 3905 RA Dar 11740 6075 9730 15355 7180 (last two were Shepp.)

NIGEL GREENE, Paramata has 19 out and QSL's in from IBRA 9670 BBC 11955 NHK 11875 Bucharest 11775 Swden 11940 Peking 9460 RM 25 mb HCJB 11715 CBC 5970 RA 11765 11840 9540 15160 11740 17715 5995 Thanks for writing Nigel. Possibly you could make it to one of our monthly meetings.

LINDSAY ROBINSON, Invercargill has 14 logged this month with veries in from Sweden 6065 Tahiti 11825 Kiev 12000 Cuba 11815 TWR Bonaire 5970 AIR 7215 VOFC 17780 UN 6080 5955 TGNA 3300 Norway 21730 Spain 6065. Good to receive your news.

ERIC CARTER, Tasmania has QSL's from Vienna 9655 Nigeria 7275 Vienna 11960 NHK 9525 Thai RTV 7105 Super 6065 VLT9 Thailand 6062 Canada 6145 Senegal 7210 RRI 11715 RNE 9515 South Africa 3987 Singapore 6000 Madang 3260 AIR 6160. A good list Eric.

BOB BOUNDY, Christchurch has six out with no QSL's this time !

DES DAVEY, Te Kuiti has 7 out and replies from BBC FEBC Poland Ned NHK CBC ZL20. Frequencies please with QSL's. Des.

TONY SMITH, Christchurch in his first report advises that he is a member of the BBC World Radio Club and the Radio Japan Club and is an applicant for Radio Canada and Radio Australia clubs. To date he has 35 QSL's which include RN Bon 11730 NHK 9505 15235 11875 17885 CBC 5970 9625 BBC 7120 7150 RNZ 6080 VQO4 3995 HCJB 5990 9560 Moscow 12060 Peking 11720 11600 and eight from RA. Welcome Tony !

BRUCE WILLIAMS, Wellington has a QSL from VLT4. 'This could be the start of something Big !'

JONATHAN AITCHISON, Dunedin has logged a handsome total of 32 this month and collected rewards from DW 7130 HCJB 9745 11915 France 9680 Peking 11600 15435 Norway 11850 Poland 6135 IBRA 9670 BBC 5975 RCI 6125.

TONY MARR, Wellington has 'em back from Sri Lanka 4902 Abidjan 11920 Bukavu 4839 ZPA10 6015. Brings up the countries to 179. Bet ZPA10 was a surprise !

DUDLEY CARTER, Invercargill has replies from DZF9 11890 Japan 21570 17825 RA 15395 RN Mad 9605.

ELIZABETH HELLYAR, Bulls has two out and now awaits the rewarding QSL's.

HARRY WEATHERLEY, Australia has veries from HIN 4910 Pyongyang 6540 VOA Kavala 7270 Pyongyang 9515. I enjoyed meeting you Harry. More reports next month perhaps.

STAN LARKING, Whakatane has reported 32 in the last two months and gathered lilacs from SEARW 9650 Algeria 11965 TWR Bon 11930 VOA Tinang 9630 Dixon 5955 Delano 9660 AFRTS 11805 Jerusalem 11960 Paris 11735 NHK 9530 17825 11705 21570 RA Shepp 17820 RN Bonaire 9590 AIR 11775 Voice of Hope 9640 CBC Sines 9615 RNE Madrid 9570 DW Werch 17845 Lisbon 21495. Thanks for your interest -ing information Stan.

JOHN MAINLAND, Wellington has QSL'd RBI 9620 Bucharest 6155 TGNA 3300 Stockholm 9665 Warsaw 7145 6095 WINB 11830 Athens 7295 Paris 15360 Brasilia 9665 Abidjan 4940 Moroni 3331.

BRYAN CLARK, Wellington has 14 reports out and QSL's from Montreal 6125, BBC Tebrau 9740, Luxembourg 15350, RA-Shepp 9695, 11850, Mauritania 4850 and GSA97 Azores 4865 (140th country)

BEST OF THE MONTH

Under 9mHz 1st Equal Azores 4865kHz 1kw
131 pts Bryan Clark.

and

131 pts Moroni, Comores 3331kHz 4kw
John Mainland.

Over 9mHz Lisbon 21495kHz 100kw 98 pts
Paul Frost.

A close competition this month!

STATION OF THE MONTH

Trans World Radio at Monte Carlo, Monaco is broadcasting gospel programming primarily for the USSR, East & West Europe, the Middle East and Africa. 33 languages are broadcast & the station is staffed by 40 missionaries. Two transmitters of 100kw are used on shortwave. TWR is currently audible during two English transmissions: From 0725 GMT reception is very good on 7100kHz. On Saturdays only, from 0415 to 0430 GMT the 'DX Special' is beamed to North America on 6165kHz. Correspondence should be addressed to Trans World Radio, P.O. Box 141, Monte Carlo, Monaco. From SW transmitters of 50 and 250kw at Bonaire, Netherlands Antilles, TWR also beams to North & South America, Far East & Europe in 14 languages with a staff of 90 missionaries. A station is under construction in Swaziland to broadcast to Southern Africa from 1974.

SW BANDWATCH



Santiago, Chile on 9689kHz is broadcasting popular music and identifying as "Radio Television de las Fuerzas Armadas", or Armed Forces Radio Television, indicating that it is controlled by the new Government. But while the situation in Chile appears to have settled down, fighting flared up in the Middle East, resulting in much activity on the shortwaves. The Israel Broadcasting Authority broadcast almost around-the-clock and is currently noted on several frequencies at strong level, including 11725 and 9009kHz at 0500 GMT. Saudi Arabia began experimental transmissions during October, with identification in Arabic and English. Currently best reception is on 11890 at 2130 GMT and 9695 and 9605 around 0500 GMT. Bryan Clark and Tony Marr in Wellington report interesting African reception on 4mHz while higher frequencies are giving improved signals.

ALL TIMES GMT FREQUENCIES IN KILOHERTZ 29 CONTRIBUTORS THIS MONTH.

FREQ	TIME	COUNTRY	PROGRAMME AND RECEPTION DETAILS	INITI
2340	1059	VENEZUELA	Radio Nueva Esparta with music and ids. Poor. Radio Tiempo 2400 also noted with music and anncts at 1025.	BW
3210	1240	THAILAND	Ministry of Education, Bangkok with Thai songs. Nx 1300 //6062.	Foster/
3240	1825	IRAQ	Radio Baghdad fair to good with Arab music.	TM. ADXN
3305	0850	PAPUA-NEW GUINEA	VLESD Daru 'Radio Western District' nx in EE. DD 1105.	BW
3350	0533	GHANA	Accra noted with music till 0600, then news in EE. Good.	AK
3377	1145	JAPAN	NHK Osaka noted with music and anncts in JJ.	BW
3805	1200	INDONESIA	Ujung Pandang Jakarta Nx, 'Sunsilk' advts etc to 1230.	Tyson ADXN
3910	0837	JAPAN	F.E.N. Tokyo good with news and general prgm in EE.	GF
3945	0640	NEW HEBRIDES	Vila with Mx, sports nx and nx. Fair to good.	AK
3990	1130	TAIWAN	A.F.N. Taiwan, Taipeh. Popular mx, fair in EE.	BC
4563	1400	NORTH OR SOUTH KOREA.	EE id as "This is the Voice of the Revolutionary Party for Reunification from South Korea". Fair to s/off 1430.	Kono JSWC
4627	1845	SPANISH SAHARA	El Aavin weak with 'easy listening' mx. RNE ident 1903, local mx, vernaculars. Abrupt close 2000.	TM Calkin NASWA
4770	0651	LIBERIA	ELWA Monrovia fair in EE with religious prgm. CW interference.	DB
4805	1830	KENYA	observed with weak signals.	TM
4820	0640	GAMBIA	Radio Gambia with chanting, BBC nx at 0700. Poor. Bathurst now called Banjui or Banjul.	AK, Various NASWA Bies, ADXN
4820	0920	VENEZUELA	Radio Cristal, SS prgm to 1005.	BC
4865	1820	MAURITIUS	Forest Side fair with "Epilogue" in EE and s/off in FF 1830 over the Azores. Appears to be on the move again.	TM
4875	1840	SOUTH AFRICA	Johannesburg weak at 1820 but good copy by this time.	TM
4885	1825	KENYA	Nairobi excellent in vernaculars.	AK
4915	0600	GHANA	Accra poor with news at this time. (usually local, not BBC, Arthur)	BC
4915	1837	KENYA	Nairobi National Commercial Service in Swahili. VG some mornings, followed till 1950 when Brisbane opens on 4920.	BC
4950	1806	KENYA	Nairobi, Vernaculars prgm with commercials and mainly Indian mx. Ident on half-hour as "Voice of Kenya". S/off 1900.	BC
4965	0610	COLOMBIA	Radio Santa Fe with mx and commercials. LR 0805 Id and mx in SS.	DB
4972	1820	CAMEROUN	Yaounde fair copy with mx prgm. TM. 0555 Weak in French.	BC
4985	1800	MALAGASY REPUBLIC	Tananarive noted with weak signal.	TM
5010	1833	PAKISTAN	Karachi fair with Arabic service.	BC
5010	1820	CAMEROUN	Garoua good signal with African music.	TM
5075	1103	COLOMBIA	HJGC Radio Sutatenza very good with SS anncts and mx.	JW
5490	1230	INDONESIA	Suara Gama Yogyakarta (Jogjakarta in newly revised spelling) fair level with popular mx and jazz.	EC DL
5955	0845	UNITED NATIONS	U.N. Radio, New York good with EE nx for Aust/NZ. S/off 0900.	NG LM
5960	1230	USSR	Radio Moscow logged till 1300. Suffers some interference.	EM
5965	0430	SAUDI ARABIA	giving metre bands & address in EE then Arabic prgm.	SG JM AC
5965	1000	BOLIVIA	Radio Nacional, Huanuni s/on in SS.	AC
5975	0700	GREAT BRITAIN	BBC London, good reception. EM 1940 good in English.	JA
5995	0900	AUSTRALIA	RA-Lyndhurst (10kw) nx in EE, excellent. JA 0810 quite good.	EH
6000	1145	SINGAPORE	Radio Singapore good level with description of sports event.	EC

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITIALS</u>
6015	1058	COLOMBIA	HJDF Radio Mira, Tumaco s/on in SS.	<u>AC</u>
6035	0655	LIBERIA	VOA Monrovia fair level with EE to West Africa.	<u>BC</u>
6070	1930	BULGARIA	Radio Sofia very poor in EE.	<u>JA</u>
6070	1100	VENEZUELA	Radio San Sebastian SS talks and mx, fair.	Zilmer <u>NASWA</u>
6080	0715	ECUADOR	HCJB Quito with new freq in EE to Pacific. <u>CC</u> Also reported are 9760 Gospel prgm at 0800, <u>AC</u> 6130 good in EE 0730 & 0900, <u>EC</u> <u>JA</u> 11915 good at 0830, 1000, <u>JA</u> DD. Noisy at 0815, <u>EM</u> 9745 DX Party Line VG at 0930.	<u>JW</u> <u>PF</u>
6100	2000	YUGOSLAVIA	Radio Belgrade poor in EE. QRM from VOA 6095.	<u>EC</u>
6145	0645	ALGERIA	Algiers with mx prgm in AA. Good level.	<u>JA</u>
6145	0500	WEST GERMANY	Deutsche Welle good strength in EE. <u>EM</u> 0435 s/on vg. Also noted are 6100 noisy at 0435, <u>EM</u> 9605 EE to Nth America 0430.	<u>BC</u>
6160	1500	AUSTRALIA	RA-Darwin excellent s/on in EE to Asia. <u>EA</u> 1700 Nx good.	<u>CC</u>
6165	0700	SWITZERLAND	SBC Berne good in EE to Europe. News etc.	<u>CC</u> <u>GP</u>
6175	1045	COSTA RICA	Faro del Caribe. SS prgm & rlg mx to 1115. NF ex 6037.	Zilmer/
6190	0335	ROMANIA	Bucharest to Nth America, poor. Blocked 0400 Tirana, <u>JM</u> .	<u>NASWA</u>
6255	1805	PAKISTAN	Karachi fair with 5 mins EE nx bulletin. 4835 noted //.	<u>BC</u>
6340	1758	TURKEY	Ankara Turkiye Polis Radio, Turkish & Western mx.	Calkin <u>NASWA</u>
7100	0725	MONACO	Trans World Radio, s/on in EE at this new time. Fair-good. 0745 Rlg prgm good <u>LM</u> . Old s/on 0625, <u>JW</u> <u>EC</u> <u>EM</u> <u>AC</u> <u>MH</u> <u>AK</u> . (rptd 7098-105)	<u>NR</u>
7135	0520	FRANCE	ORTF Paris good with African service in EE. <u>NC</u> , 7160 in <u>FF</u> 0600.	<u>LR</u>
7185	1815	EAST GERMANY	RBI Berlin vg with nx & cmt in EE. <u>JA</u> 7300 weak at 1830.	<u>EM</u> <u>C</u>
7265	0645	WEST GERMANY	Radio Rohrdorf fair level with popular mx and nx.	<u>EC</u>
7275	0430	ITALY	RAI Rome with EE nx beamed to Mediterranean.	<u>LR</u>
7270	0700	MORROCO	VOA Tangiers good with nx in EE. (Location per Master Sked)	<u>JF</u>
7285	0630	POLAND	Warsaw logged with nx in EE.	<u>AC</u>
7285	1940	WEST GERMANY	DMQ Deutsche Welle in Greek to Europe.	<u>EA</u>
7290	1900	AUSTRALIA	RA-Shepparton in EE to Europe. New frequency ex 9660.	<u>CC</u>
7290	0330	ALBANIA	Tirana with EE news and commentary.	<u>LR</u>
9460	2000	PAKISTAN	Radio Pakistan, Karachi good at s/on, but poor by s/off time of 2130. Mainly Urdu, but EE anncts interspersed & nx at 2035. //11960. <u>NG</u>	
9500	0630	ALBANIA	Radio Tirana good with nx in EE. <u>CC</u> . 0635 fair with nx.	<u>JF</u>
9520	0750	PAPUA-NEW GUINEA	ABC Port Moresby with 'Listeners Choice'.	<u>DC</u>
9545½	0200	BRAZIL	ZYS43 Radio Universo with Sports in PP. ex R. Emiss. Paranaense. Behr/	
9575	1330	INDIA	AIR Bombay good with music programme.	<u>EC</u> . <u>NASWA</u>
9590	0230	NETHERLANDS	ANTILLES TWR Bonaire excellent in Spanish.	<u>SL</u>
9605	0120	MALAGASY REP.	RN Talata logged. <u>DC</u> 7275 in // poor. <u>BC</u> (Prgm now deleted)	
9610	0600	SAUDI ARABIA	Experimental transmissions from Riyadh, strong signal with Arabic prgm & EE ident approx. every half-hour. "This is the Voice of Saudi Arabia. Our present transmission is meant to be experimental... 3 time periods 0300-0800, 1000-1400, 1600-2400 GMT. Reports requested to Engineering Department, Ministry of Information, Riyadh, Saudi Arabia. Sked has changed somewhat since first observed, but as at 10 Nov, sked is in part: 0300-0430 9610kHz, 0300-0500 5965, 0300-0515 9695 (very good), 0515-0800 15120 (very good), 0500-0800 9610 (strong), 0430-0800 15125 (poor). 1700-2400 11890 (very strong 2130), & many more! <u>NR</u> <u>JM</u> <u>BC</u> <u>AC</u>	
9610	0754	AUSTRALIA	VLW9 Perth with requests programme, noisy.	<u>EM</u>
9615	0530	UNITED STATES	KGEB has EE rlg prgm 0445-0500 then SS 0500-0700. NF	<u>JM</u>
9630	0405	SPAIN	RNE Madrid excellent in SS. Scheduled 0100-0700.	<u>SL</u>
9630	0828	SWEDEN	Stockholm fair in Russian from 0830.	<u>PF</u>
9630	1830	GREECE	Athens Greek Service noted to 1850, then s/on again 1900, fair.	<u>JM</u>
9665	0940	MALAYSIA	Kuala Lumpur pop mx prgm in Malay. Poor signal.	<u>SL</u>
9690	0745	CHILE	Radio Television de las Fuerzas Armadas in SS. Much pop mx. Announces freq. as 9690, 6130, 760, 92mHz FM. Logged at 0805. At 1000 this channel not heard, but vg signals on 9750kHz.	<u>JM</u> <u>NR</u> <u>BC</u>
9690	0301	ARGENTINE	RAE Buenos Aires fair-good in EE. <u>SG</u> . 0630 EE under BBC poor.	<u>BC</u>
9700	0340	USSR	Radio Moscow with news, comments & music. Good in EE.	<u>NC</u>
9725	0945	MALAYSIA	BBC Tebrau in JJ. <u>AC</u> 1030 Good level in Indonesian.	<u>EC</u>
9730	0200	SRI LANKA	Colombo logged at fair level.	<u>EM</u> <u>C</u>
9745	1950	IRAQ	Baghdad fair in EE. <u>LM</u> . 2000 Good in EE with nx & cmt on War.	<u>JA</u>
9755	0900	AUSTRALIA	RA English Service to Asia. NF with some QRM AFRTS. //11825.	<u>JM</u>
9833	0415	HUNGARY	Budapest fair at s/on in EE. Nx and comment.	<u>NC</u>
9912	2204	INDIA	All India Radio, Delhi. Very noisy.	<u>EM</u>

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
10530	0300	KAZAKHSTAN SSR	Radio Alma Ata. Chimes & link for Moscow nx. Own prgms in Kazakh 0315-0345,0410-0440,0515-0545. Faded out 0615.	NR
11640	0145	BANGLADESH	Dacca light music and English news, good.	AK
11705	2210	VATICAN STATE	Vatican Radio very good with rlg prgm.	JA
11705	1000	JAPAN NHK	Tokyo good in PP to Sth America //9605, 9530.	SL
11725	0500	ISRAEL	Jerusalem exc in EE replacing 11960. Fair also 2000-2045. 11960 reported by LR AK NG at 2015 fair. 11745 at 0500 under HCJB.	NR JM
11730	2340	AUSTRALIA RA	another new frequency in English to s/off 2345.	JM
11730	0000	USSR	Radio P&F poor in EE to Latin America, hrd once only. NG. 1030 EE vg	NR
11740	2046	INDIA	All India Radio nx and cmt in EE. Fair QRN. NC 0900 vg in EE. DD	JA
11795	0300	ETHIOPIA ETIF	Addia Ababa poor in FF to Madagascar.	JM
11815	0115	NETHERLANDS ANTILLES TWR	Bonaire very good in EE.	JW
11825	2100	GREECE VOA	Kavala has EE news in the Breakfast Show.	LR
11840	0400	CUBA	Radio Havana good with nx in EE at this time.	AK
11840	0303	PORTUGAL	Lisbon fair in EE with Elections. NC Exc to s/off 0345. NG 0312	GP
11850	2100	AUSTRALIA RA-Shepparton	s/on in EE to Asia. Slight QRM Peking but good. EA/	EA
11865	2045	ECUADOR HCJB	Quito good in FF to Europe. CC.	JA
11865	0155	ISRAEL	Jerusalem in EE till 0200. QRM from Brazilian station.	JM
11865	0640	EGYPT	Cairo excellent in Arabic.	AK
11868	0530	ZAIRE	Lubumbashi fair in FF till fade out at 0615.	JM
11870	0515	EAST GERMANY RBI	poor-good in EE to East Africa. Full sked at s/off 530 NG	NG
11890	0830	PHILIPPINES FEBC	Manila in EE //9505. MH. 0930 FEBC Nx, excellent.	DD
11910	2200	UNITED STATES	United Nations Radio with relay from the U.N.	AC
11925	0620	NIGERIA	Lagos at fair level in English.	EC
11925	0330	SPAIN	Spanish National Radio fair in EE. Id 0340, s/off 0345.	NG
11940	0652	ROUMANIA	Bucharest poor in EE. JW. Nx & cmt to s/off 0712. DC to A/NZ.	NG
11970	0530	UNITED STATES VOA	Greenville s/on fair in Arabic to Africa.	NG
11990	0700	CZECHOSLOVAKIA	Prague with EE nx. GP noisy DD 1813-1855 good in EE.	NC
12175	1225	ICELAND	Iceland State Broadcasting Service, Reykjavik with talks in Icelandic and mx. Good strength but spoilt by teletype.	DL
15135	2300	BRAZIL	Radio Record in PP, Brazilian mx, idents, advts, first hrd 1/9. Behr/	
15155	1000	FRANCE ORTF	Paris in French to Africa under VOA Philippines. SL.	NASWA
15175	0802	NORWAY LLM	Oslo very good with EE nx, Sundays. LM. 11850 poor in //.	JA
15170	1730	TAHITI ORTF	Papeete with nx in FF. EE nx at 1745, good. CC S/off 0700.	AK
15180	0900	INDIA	All India Radio with news at dictation speed.	SL
15185	2250	FINLAND YLE	Helsinki DX prgm in EE. Good reception.	GP
15220	0802	SOUTH AFRICA	Radio RSA, Johannesburg. Difficult to hear.	EM
15235	0935	JAPAN NHK	Radio Japan, Tokyo nx & Hallo Australasia in EE.	EH
15285	1815	GHANA	Accra opening in EE. Fair to 1900.	JM
15290	0600	SYRIA	Damascus heard with nx in EE at this time. Special during War?	AK
15295	2140	NETHERLANDS ANTILLES TWR	Bonaire/Norea Radio in Norwegian. S/off 2115.	MH
15300	0801	PHILIPPINES DZH9	FEBC Manila with Book Reviews and News.	DC
15335	0640	SOUTH KOREA HLK45	Seoul with nx in EE. Good.	AK
15345	0530	KUWAIT	Radio Kuwait fair in English. (may have been replaced by 17750)	SL
15360	1500	MOROCCO	Rabat in Arabic with Id "Huna Rabat" & mx till f/out 1550.	JM
15410	2100	UNITED NATIONS UN	Radio via Greenville, Security Council mtg, fair.	FF
15440	2330	PHILIPPINES FEBC	DZP8 good. EMc. 1532 Nx in EE then rlg prgm.	EA
17705	0900	GREAT BRITAIN	BBC London opens with fair signal to Africa.	SL
17725	2030	EGYPT	Voice of the Arabs, Cairo in EE to West Africa.	CC
17730	1550	MALAGASY REP.	RTVM Tananarive in FF mixed ORTF. Closing anncet in EE. Calkin/	
17730	0800	USSR	Radio Station Peace & Progress, s/on EE. MH.	NASWA
17750	0430	KUWAIT	Radio Kuwait s/on good level in EE. Blocked by jammer 0500.	NR
17825	0800	JAPAN	Radio Japan, Tokyo in EE to Europe //21570. SL DC 21570 from FF	LM
17840	0900	PAKISTAN	Karachi with EE nx at slow speed. (17935 poor in EE 0703 DD)	AC
17880	2355	MALAYSIA	BBC Tebrau very good with World Service. FF 0000 BBC News, good. NR	
21465	0645	EAST GERMANY	RBI in EE excellent on same occasions.	FF
21505	0900	USSR	Radio St. P&P strong in EE in // with 21635 and 21600. Also 0800 NG	BC
21510	0900	PAKISTAN	Rawalpindi strong in Urdu on NF in //17910. Nx at 1000.	BC
21605	0910	KUWAIT	Radio Kuwait in Arabic, fair.	SL
21655	0900	AUSTRALIA RA-?	fair strength in EE to Asia. NF in //9755, 11825.	BC
21735	0940	PORTUGAL	Lisbon good in Portuguese. (21700 in //)	SL
26040	1950	UNITED STATES VOA	Greenville very weak in EE one morning.	FF

One of the oldest shortwave stations in the United States has changed its callsign for the fourth time. Back in the early thirties the station was WIXAL in Boston, then it became WRUL and later WNYW New York and on 20 October made the call change to WYFR. The new owners are Family Radio, a gospel organisation which will operate the present four transmitters at Scituate, Mass. and ultimately a fifth one which is licenced, and they will beam gospel programmes to Europe, Africa and Latin America using nine directional aeriels.

November 4 saw the change to winter schedules for stations in the Northern Hemisphere and this month we feature many frequency changes. All times are in GMT. All frequencies in kHz.

AUSTRIA Vienna on November 4 made the following changes to its schedule. 1700-1900 is now on 17770; 1900-2100 is now on 15425.

BOLIVIA Radio Nacional, Huanuni on 5965 opens at 1000 GMT.

COLOMBIA HJDX, Ecos del Pasto opens 0930 on 6085kHz. HJDF, Radio Mira opens at 1059 on 6015. Commercials up to 1120 GMT then music.

CZECHOSLOVAKIA Prague has retimed its transmission to Australia and New Zealand and broadcasts in English 0730-0800 on 11855, 15310 and 21700 kHz.

ECUADOR HCJB has added a transmission to New Zealand 0500-0700 and uses 9745 and 11745. The service to this area is now broadcast 0830-1000 on 6080; 1100-1130 on 9715; 0500-1100 on 9745; 0500-0700 on 11745 and 0700-0900 on 11915 kHz.

FRANCE ORTF Paris is heard opening at 0000 on 11965 in Portuguese to Latin America. Also heard at 0700 on 11745 in chain with 11735 in French.

GREAT BRITAIN BBC World Service to Australasia is using the additional frequency of 21610 for the period 0900-1130 GMT.

MONACO Trans World Radio, Monaco from Monte Carlo heard on new frequency of 7100 opening at 0625 in English. This channel replaces 7290.

NETHERLANDS Hilversum advises that the transmission 0030-0150 via Madagascar on 7275 and 9605 beamed to South East Asia has been cancelled from November 4.

NORWAY Oslo in its service to the Pacific operates 0700-0830 on 11850, 11860, 15175 and 21730. Also 1100-1230 on 21655, 21730 and 25730.

PORTUGAL Lisbon heard at 0900 on 21735 in chain with 21700 kHz.

SAUDI ARABIA Test transmissions have been observed with English announcements each 30 minutes and remainder of the programme in Arabic. The transmissions announced are 0300-0800, 1000-1400 and 1500-2000. Best reception on 5965 at 0400, but other frequencies including 7110, 9585, 11750 and 11800 are announced. **XX**

SWITZERLAND Some English changes from Berne are as follows: 0430-0500 on 5980 (new) & 9750 kHz. 0700-0730 on 9590, 11775, 15305 and 21520.

SWEDEN Radio Sweden in its service to Australia and New Zealand 0515-0615 is using 9760 instead of 11940. Other changes are as follows:

0000-0230 GMT on 6000 kHz.	1600-1700 GMT on 11790 kHz
1230-1330 on 9605	1730-1930 on 11860
1400-1530 on 21615	1830-1930 on 9625.

The "Listening Around the World" section in "Electronics Australia" came to an end with the October issue. Arthur Cushen advises that due to changing circumstances in the magazine field the Editor has been forced to discontinue several of the old established features. The 'something for everyone' approach that "Electronics Australia" has traditionally followed has ended and it is to concentrate more specifically on hi-fi and projects. "Listening Around the World" is one of the casualties of this move.

The feature first appeared in October 1952 and expanded to 3 pages in the early 1970's, but was reduced to 1 page some months ago. Arthur Cushen was the longest running contributor to "Electronics Australia" and the loss of this valued avenue of publicity will be felt by DX clubs in Australia and New Zealand.

XX = For updated news of Saudi Arabia refer Shortwave Bandwatch.

EQUIPMENT REVIEW

BRIAN GALL is our first contributor this month. A recent arrival in Palmerston North from Australia, Brian is DXing with a Murphy B40 and indoor 10 foot dipole with an antenna tuner.

CRAIG CRAWFORD, Christchurch uses an ARRSD from the RCA 'stable' and a Philips 594. Antennas are a 150ft longwire, 12 to 20ft high in an East-West direction; a 14ft vertical whip; and a 36 inch "Masson" loop. Craig writes that he recently operated the ultimate in receivers - a National HRC500 - at Canterbury University Engineering School's Open Day. "Priced at over \$2000, it has continuous tuning up to 30MHz in 500kHz phase-locked channels. The tuning is extremely selective: approximately 10kHz per revolution on all bands. Its continuous suppression filter could cope with the interference from 5 colour TV sets located only 10 feet away."

HARRY SEARLE of Invercargill is using a British made Codar CR70A 5 valve receiver.

CLIVE ALLEN, Palmerston North has a Pye 6 valve receiver, with coverage from 550 to 1600kHz; 3.2 to 8MHz; 9.2 to 10MHz; 11.2 to 12.4MHz and 15 to 23MHz. Antenna is a 20 foot whip, fed with 75 ohm coax. Extras include a 24 hour digital clock.

BILL WOLLER of Opunake, up Taranaki-way, uses an Eddystone 680X and Philips taperecorder. His aerial system consists of a V north east, 300ft long and about 15ft high; and a longwire to the South-South East 250ft long and ranging in height from 20 to 60ft.

PETER BAILEY, Riverton DXes with a Philips FL937a 11 valve receiver and a cassette tape recorder. Antennas are a 350ft longwire and a mediumwave loop.

ALEX STUART of Dunedin uses a 17 transistor Sharp six-band all-wave portable receiver, imported from Japan, for his shortwave DXing. For an aerial he has a 50ft longwire running into the Bush.

NIGEL GREENE, Paremata near Wellington, has a National Panasonic 8-transistor 2-band radio and 34ft high Army-type antenna. A Grundig dictaphone recorder and a typewriter are useful extras.

D.A. ELLISTON is another Eddystone fan. He uses an old but good Eddystone 740 8-valve receiver and an Eddystone 750 11-valve model, the latter being on loan. Aerial is a single dipole, 30 feet high and total length 50 feet. A 36 inch Broadcast Loop has also been successfully made. Other equipment includes a National cassette tape recorder and a ZC1 receiver which he says is a good buy for about \$20. Mr Elliston lives in Wanganui.

MICHAEL COLE of Auckland is DXing on a Trio 9R-59D.EM communications receiver. Antenna is a 50 foot inverted "L".

JOHN HILLIER from Masterton listens into the World on a Russian-made V.E.F. 10 transistor radio, which covers from 13 to 50 metres. Equally interesting is his antenna set-up: pure copper rods inside an 8' x 10' bach. A longwire running 20 or 30 feet up a tree is also used, and a Japanese Standard cassette recorder is the basis for another hobby of John's: International Tape-sponding.

TO BE CONTINUED.



Utilities

RICHARD WALSH of Wainuiomata has the Utilities bands to himself it seems with loggings of Cable & Wireless Guyana 10548, Syrian PATE, Netherlands PTT, Kuwait PTT, FF14 8000. Veries: Gydria Radio 8759, WWV 5000, Lord Howe Met 5638. Can anyone help Richard with addresses of CCS Chile and VHP Belconnen. MIKE POLLARD, home in Temuka advises a QSL from

- ATT Manahawkin, New Jersey 15575. Good holiday DX! Trail items from Richard:
- 297.5 ZLOA Baring Head CW id 24hrs
 - 376 NF Norfolk Is CW Beacon 24hrs 500w.
 - 5638 Lord Howe to Sydney hourly 1700 to 2400 GMT. male announcer in AM.
 - 8000 0415 FFL4 French Telecom Service CQ in CW.
 - 14996 RTA Novisibirsk CW id every 15min from 14past
 - 15000 2300 LOL Argentina CW id every 5min from 4
 - 15004 RID Irkutsk CW id at 00,10,20,30,50 past hr.

BANDWATCH CONTRIBUTORS:			
EMc Eric McIntosh	FF Paul Frost	JM John Mainland	TM Tony Marr
JA Jonathan Aitchison	SL Stan Larking	DD Des Davey	BW Bruce Williams
GP Graham Pont	EH Elizabeth Hellyar	NR Nigel Robins	EC Eric Carter
DC Dudley Carter	DB Derrick Benfell	LR Lindsay Robinson	NG Nigel Greene
BC Bryan Clark	MH Mike Highley	EA Erin Ardley	DL Dene Lynneberg
AC Arthur Cushen	JW John Watson	JF Jack Farrow	SG Steven Greenyer
CC Colin Campbell	AK Arthur Kindell	LM Leigh Morris	EM Errol Monson
NC Norman Clover	ADNX Australian DX News	JSWC Japan Shortwave Club	NASWA North American SW Association.

..sign-off.

ISWC POPULARITY POLL For the information of members, we print details of this world-wide poll to determine the five most popular short-wave stations in the world:-
A postcard listing your five favourite stations in order of preference, and, in thirty (30) words or less, the reason why the first one listed is your favourite. If 30 words is exceeded, the entire entry is disqualified. No pirate or clandestine station is eligible. Votes must be received by 31 December 1973 and results will be announced in February 1974. Address postcards to ISWC, 47 Harridge Road, Leigh-on-Sea, Essex SS9 4HE, England. In past polls it has been customary for some of the major broadcasters to award prizes to the entry listing the best 'reason' for favouring their station. Postcards should be airmailed to make the December 31st deadline.

NEW CHANNEL FOR BELGIUM. Effective 4 November, Brussels will change the frequency of its South American beam to 11810kHz. The North American channel of 9655 remains unchanged. The English service is timed 2255-2315 and 0040-0100 GMT. Reports should be addressed to RTB-BRT, Postbox 26, Brussels 1000, Belgium. Charles Douglas.

AIRMAIL RATES. In response to enquiries, there is no second-class airmail rate to save on costs of your reception reports overseas. Only printed papers - eg books, magazines and Christmas cards can qualify for a lesser rate - normally approximating the aerogramme rate. Next time you're at the Post Office, ask for Form P.O.102 - Overseas Airmail Rates, for an easy guide to your postage costs.

DOES MOROCCO QSL? NASWA member Charles Wooten 'popped' in on Radiodiffusion TV Marocaine to see why they don't QSL and found a gentleman seated behind a desk with a pile of QSLs on it. Apparently "RTVM has not received reports in over a year." He advises that the following address may be more successful: Royaume du Maroc, Ministere de l'Information, RDF TV Marocaine, 1 Rue al Brihi, Rabat, Morocco. Frendx 10/73.

ABC WITHDRAWAL FROM PORT MORESBY. The latest ABC transmitter list shows VLT and VLK short-wave stations in operation till 1/12/73 when Papua-New Guinea independence is scheduled.

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

New Zealand Radio DX League

ADMINISTRATIVE OFFICE

P.O.Box 1313, Invercargill.

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

EDITORIAL OFFICE

P.O.Box 2956, Wellington.

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

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

ORGANISATION OF AMERICAN STATES is a relatively new operation over V.O.A. facilities. Programmes are aired in 4 languages: French, Spanish, Portuguese and English, from 2345 to 0130 GMT. Frequencies are Bethany 15160kHz and 11740kHz, and Greenville 9640kHz. Their address is 17th Street & Constitution Avenue NW, Washington DC, USA.

"CHANGE OF THE NAME." In recent months, Bathurst the capital of Gambia has been renamed Banjul. Also on the bandwagon is Chad where Fort Lamy the capital has been renamed Njamana. SCDX

RADIO FREE AMERICA. This American pirate or 'refugee' station began operations from 8 $\frac{1}{2}$ miles off Cape May, New Jersey on 19/9/73 with a 10kw transmitter on 1160kHz. The station is the brainchild of fundamentalist preacher Dr Carl McIntyre, who is protesting the closure of his station WXUR-AM/FM by the FCC. A court restraining order in favour of stations on 1160 and 1170kHz suffering interference from RFA was scheduled for early October and consideration was being given to resuming broadcasts on 1608 as an alternative to 1160 kHz. A 1kw shortwave transmitter for 41 and 25 metres has also been considered.

Credit to Larry Magne, NASWA.

AFRICAN SCENE. According to DSWCI, Radio Sierre Leone is building a 250kw shortwave transmitter at Waterloo near Freetown. Liberia has offered to be the location of Radio Africa, planned by the Organisation of African Unity to broadcast to Southern Africa.

VOICE OF REVOLUTION & PEACE, is a clandestine operation, presumed from North Korea, with English at 1400-1430 GMT on 1135kHz and 4563 kHz. Arthur Cushen, JSWC.