



NEW ZEALAND DX TIMES

VOLUME 25 NUMBER 6

FEBRUARY 1973

73 in 1973 INTERNATIONAL DX FRIENDSHIP YEAR.

Earle Fisher visits New Zealand

20 were present at the January meeting of the League's Wellington Branch to meet Earle Fisher, very popular former host of "Listeners Corner" from Radio Canada. Malcolm Macfarlane & Nick Kendall from Wanganui, and Philip Bolton from Woodville made long trips to attend proceedings. Members spoke briefly of their DX activity and then our guest gave us an informal talk on his 25 years with the CBC. Particularly amusing were some of the letters he received which 'didn't quite make the programme'.



Earle's holiday is taking him to Auckland, Rotorua, Wellington, Christchurch, Mount Cook, Melbourne, Sydney, Nandi (Fiji) and home to Montreal via Los Angeles. An active retirement is planned, with a possible return to 'his first love..acting'. He has collected material for a planned booklet on pronunciation difficulties in bilingual Canada, and has a large stamp and coin collection to sort out in his spare time. Wellington DXers will long remember the warm personality of Earle Fisher, an ambassador of the goodwill to be found in the international shortwave fraternity.

BOX 2956

Our thoughts are with Life Member Des Lynn, presently recuperating after hospitalisation in Christchurch...

..Congratulations to members who were successful in Examinations in recent months. Good to see you have your priorities right and best wishes with this year's studies...Eric Luxton of Gordonvale, Qld logged AKTV2 on 6th January. Thanks for your letter Eric!...Jim Selby, Porirua advises that he has set a target of verifying all the Papua/New Guinea SW stations; a good idea as this country is granted independence later this year.

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 7 MARCH.
DETAILS OF YOUR DX ACTIVITY TO BOX 2956, WGTN.

Registered at POHQ Wellington as a magazine

2 From Headquarters

Final arrangements to celebrate the founding of the DX League 25 years ago have been made by the Jubilee and Administration Committees.

The Jubilee will now be held in conjunction with the Annual General Meeting on September 29 & 30 1973, in Dunedin.

Members will recall that it was proposed to hold the celebrations in Dunedin at Queen's Birthday Weekend. To make a full and interesting programme for the whole weekend meant that costs mounted to such an extent that it would have been prohibitive to most members. The Jubilee Committee expressed concern at the cost and it was felt that this was one of the factors keeping members from attending.

In December the committee's concern was referred to AdCom for consideration. As a result the National President and Secretary met the Jubilee Committee and it was decided that rather than involve members in the expense of attending the celebrations and then a couple of months later the Annual Meeting, the two should be combined. It was also considered that the AGM was an important part of the Leagues 25th anniversary and that it should be included in the celebrations.

The following are details of the Jubilee Weekend programme:

Saturday: Roll Call; Visit to DNTV2 studios and transmitter at Mount Cargill; Jubilee Dinner with Guest Speaker.

Sunday: Annual Meeting for Members; Scenic bus trip and visit to "Olveston" for wives; Jubilee Luncheon. The cost per member will be \$11.00

All functions will be held at one of Dunedin's leading licensed motels and accommodation will be available at this establishment. A Jubilee registration form will be issued with the March "DX Times", when full details including costs of accommodation will be given. While both committees regret any inconvenience that may have been caused to members, it is felt that the new arrangements will be better suited to everyone.

The committee points out that the Jubilee celebrations will not include any DX listening such as is carried out at conventions. The functions are purely a social occasion to mark an historic event in the history of the League. P.Aburn

COUNTRIES LIST: Pending completion of the new League Countries List and Point System, a limited number of reprints of the current list are available from P.O.Box 2956, Wellington, in return for a 3 cent stamp.

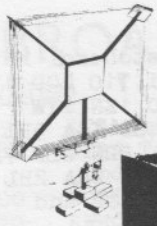
FROM THE BRANCHES

SOUTHLAND The January meeting was held at Paul Aronsen's with 14 present. An offer was received from Mr O.D.Crawford to donate cups for the winners of the 25th Anniversary Contest as detailed in the December "Times". A collection of verifications from the 1929 era was handed to the Branch by relatives of the late Mr.F.Booth. Broadcast BOM to S.Burtenshaw CMEM Cuba 1075 1kw; Merit also to Sutton with BBC Malta 1511 10kw. SW Zambia 17895 & Munich 3980 both S. Greenyer.

NORTH OTAGO The January meeting was well attended and 3 visitors were welcomed. A Medium wave loop designed by George Masson and made by Peter Grenfell and Ito Tsukigawa was demonstrated with much success using Ted Sutton's 1936 Patterson. A new "shack" site has been chosen, subject to tests for reception capabilities. At next meeting Thursday 22 Feb., Jim Grant will speak on antennas & wavelengths.

CANTERBURY 9 were present at David Ricquish's for the January meeting. Future meetings will be held on Monday nights. Competitions: BC N.Am. D.Ricquish CHAT 1270; Open C.Crawford KNDI 1270. SW Over 9 to Bob Boundy, Finland 21595 1kw; Under 9 L.Johnston & D.Dwyer equal with Austrian Army 6255 1kw. On 29 January some members met Earl Fisher at Dave Dwyer's place.

WELLINGTON January competition results: SW Junior Zambia 11895 50kw Nigel Robins and ELWA 4770 10kw Tony King; SW senior VOA Monrovia 25950 Bryan Clark & Malawi 3380 Dene Lynneberg. BC N.AM KRSY 1230 George Masson & Nuie 550 Dene Lynneberg.



BROADCAST DX with George Masson



January is usually a good month for DX, and this year was no exception, with two new countries being widely heard. Radio Paradise, St Kitts, Leeward Islands, 1265 khz was first observed by Keith Robinson opening around 9.p.m. Regular transmissions began 29th December featuring religious requests. The station is 50kw and is owned by New Testament Baptist Enterprises. The AFRTS station WXLE on 1385 khz was first noted by Bryan Clark on January 17th, although Dene Lynneberg was probably first to establish its origin as Canton Island, in the Phoenix Island group. Since Graham Shillito reported hearing Bahamas 1540 (ZNS1) in December I managed to hear it at good strength on January 8th from 8.p.m. (Monday after KPOL off) up to 9.p.m. Also up this way the 250 watt channels have been active, particularly 1450 and 1490, there being several very good nights. The response to last month's loop article has been very good, and my thanks for all your kind comments. Three at least have already been built with very encouraging results. Peter Grenfell writes "For the first time in years I have heard Yanks on 1450 and 1490 and look forward to some exciting DX." And now into the notes.

MERV BRANKS, Invercargill admits a quiet month with few opportunities for serious DX. Reports to 4WK 2GN USSR Far East 1491, WXLE, and BED24. Veries in from 6GN KUHL and JOGQ.

JIM SELBY, Porirua back amongst the clan has veried 1XA ZCO 1XI and KFBK.

PETER GRENFELL, Oamaru has reports out to KNDI KULF KRMG Suva 710 and WVUV. No veries...yet ! Thanks for kind comments Peter. Glad it works so well.

JACK SEARLE, Haumoana, has reported KXEL KNEW KRLD with veries back from KNBR 3NE and XERF. Really enjoyed your loop building saga Jack - glad they both work ! Try sending KDAY to 1700 North Alvarado Street, Los Angeles, California 90026.

NICK KENDALL, Wanganui Has logged KKHI KTOM KRKO WXLE 3CS 2YA (wow) That 8.11 \$/off could be KVEN Nick. Veries in from CKLG CKVN KDAY 6PR Masirah Is 1410.

ARTHUR WILLIAMS, Twizel has logged XEPRS WCBM 680, WLS, Thailand 1555, WCKY KRVN WSM KGW KFRC WIBW KTAR KFI WLW 22M. Veries from KGW WOAI XEPRS. Try reversing connections Arthur and note if effect reverses.

RAY CRAWFORD, Invercargill has reports out to KRVN KSDO XEAW WXLE Paradise 1265 JOLB 98OHLKH 750, HLGK 745, Unid USSR 1490, DWWW 1280, DZYS 1350. Veries in from 5SY Saigon 610 and JOQK. Early February could be even better Ray !

SUTTON BURTENSHAW, Invercargill has logged 2LT 3B0 2TM 4GG 4QO 4QW 4AK 5AN 6WA 6AL KRVN KOOL CKNW DWWW Fiji 680 WXLE and Paradise 1265. Veries in from 2NC 2PK 4MK 4GG 6ED 6BS 6WF 6PR 6WA 6AL KUHL CMBN 1078 (via Tokyo Embassy) KHAI VOA Rhodes 1259, BBC Malta 1311. That BOM winner was worth waiting for.

ROBIN CHAMBERS, Opunake has reports out to 2ZH KIVM KFAB Iran 841, KNUI, 1ZD and WXLE. Veries in from JOUB KFAB 6BS Rampur 1060 and 1ZD. Thanks for comments Robin. Will get up your way sometime !

DENE LYNNEBERG, Titahi Bay has reports off to Paradise 1265, Niue 620, Verie in from Niue 550 on 200 watts. Country 72.

Enter the League's 25th Anniversary Contest

CRAIG CRAWFORD, Christchurch has logged KHSI KING KAIM KOGO WGN KRVN KOB KABL KHAI KOMA KFBK 2nd, KPOL KABC KEEN KTOM KFRE KSRO 1350 KMAN 1350. Veries in from KNDI KHSI KOGO WGN KOB KABL. Craig plans a better aerial for his recently acquired AR88D. Says 'loading it into my 14' whip is like driving a Rolls with flat tyres.' I Agree.

ERIC LUXTON, Queensland in his first report has logged JOUB Radio 4 BBC 881, JOQR, VOA Bangkok 1580, BED97 1100, 9PA 9MD, VOA Poro 1140, 2VM, JOSF 1330, 2MO, HLKX 1190, DYLA 1550, BBC Masirah 1410, KNX, DXLL 1047. Rewards from 4MK 4SB 4AY 4BC AFRTS Okinawa 650, 2SM 4TO JOER JOJF Kofu, 9PA 9MD. Eric's equipment comprises a National Panasonic R1400, No 10 calibrator, and 2½ foot spiral loop.

BRYAN CLARK, Wellington has logged XEPRS KOHO 1170, ZNS1 1540, KRVN WXLE, Paradise 1265, KLIF 1190 and tentative Nuie 620. Veries in from JOUB only.

LINDSAY ROBINSON, Invercargill has logged KUAI and KIKI with QSL from 5PI.

FRANK A. WILSON, Dunedin has logged KUDE 5SE 2BE 4ZR KRVN (2nd) WBBM KOB KNEW KABC 6BE. QSL's in from CHWK, KATZ AFVN 850, JOQR 4QY 6PH ZK1ZC.

CHRIS PIKE, Christchurch has logged 4XO 2ZD 4ZB 2ZB 1XA 2KY 2UE 2WL 1XW and 2NZ. QSL's in from 1XI 2SM 4XO 2ZD 4ZB 2ZB 2KY. Welcome Chris. Any Yanks yet?

KEITH ROBINSON, Kapuka has reported 4QL and Radio Paradise 1265.

JOHN BATHURST, Christchurch has logged KORL KEX KGA WLAC KFBK 2VM KPOL KDAY. No QSL'syet! Good effort!

PAUL FALLEN, Paerata has reported out to 2UE 4YW 2NZ and 4QR.

MALCOLM MACFARLANE, Wanganui has reports out to KPOL KGA CKWX KEX KOMA CKVN KKHI KTOM KRKD KMEN WXLE KDAY 5AD 3CS 4EP 3BA 7EX 3SH 2YA. Veries in from 7EX 6PR 4XD Israel 737 China 1400 KFBK WNOX CKVX and KPOL. You've been on the ball Malcolm. You didn't put town and state on your very good BOM entry!

BILL PEARSON, Wellington has realosed the BCB exists and has reported KAIM KHVH and XELO. Time to get looped!

SINCLAIR BENNETT, Christchurch has logged 2BL 4YZ 3MA Fiji 710 4QD 1YA 4RK 2QN 1YX 1YZ 4GR 3BO 1ZN 2YW 1YW XELO KDAY 2CN 4GY 4SB KGA 5PI 2WN. QSL's are in from 5DN 2LF 7LA KFBK 2RE 4MB KNX KOGO 2YZ 2BA 2BL 4YZ 4QD 1YA 2QN 1YX 1YZ 4GR and 1ZN. You've been busy!

ARTHUR CUSHEN, Invercargill has reports out to Paradise, WXLE and Sharjah 1575. Verified are 5SE 1300, KNUI and KLEI.

TONY KING, Wellington has logged WUNI ZNS1 XELO and WXLE. QSL'd KHAI.

JOHN NEWMAN, Twizel has reports out to WLAC KGA WHAS 840, KMEN KELI KALI CKFH 1430, KNDI KLOK 1170. QSL only from 2NA.

GEORGE MASSON, Upper Hutt closes the mailbag with reports out to ZNS1, WXLE WQSN 1450, WVLD 1450, WWOK 1260, KRVN WIRE 1430. Veries in from WWOK 1260 KRSY WUNI.

BEST OF THE MONTH

SENIOR

CMBN Cuba 1078 khz lkw
Sutton Burtenshaw 164 pts

2nd KRSY Roswell N.M. 1230
250watts 148pts
George Masson.

JUNIOR

WNOX Knoxville Tenn. 990khz
10kw 114 pts Malcolm
Macfarlane

2nd CKLG Vancouver BC
730 khz 10kw 105pts
Nick Kendall

(A neighbourly win)

BROADCAST TRAIL

EVENING

550	KTSA weak 8.30	AW
580	WIBW Topeka CBS nx 8 good at 8.50	GM AW
600	KOGO 8.15	AW
610	KFRG good 8.45	AW
620	KGW good 8.15 -8.30.	AW
	KTAR weak/fair 8.06 GM	AW
	Niue programme pop Maori mx 7.30. 4 Feb	BC
640	KFI fair under 4YW	AW
650	KORL good mixed WSM 9.50 good all nite	AW SB
680	KNBR strong 7.35 GM 8.30	SB
710	Suva very good 8.15	PG
740	KRMG good 8.10	PG
750	KFQD CBS nx 8.03 with WSB	GM
770	JOUB still here 9.30.	BC
780	KCRL under 4YA 8.15	GM
790	KOB 9 SB	
800	XELO still good at 11	BP
850	KOA 9	SB
870	KAIM s/off 10.02	BP
880	KRVN good 11.30. Frequent album ads. Wx 11.38 also heard 11.05 and 1.	GM SB
910	<u>KNEW</u> very good reg. Nx at 9. Mixed with probably KJJJ (ex KPHO)	SB GM
	KNEW heard 6.07.	JS
950	XESM VG in Sp 8.15	BC
960	KOOL 11.05	GB
1010	CBR good 7.50. OAX4U America. Year round 8.p.m.	GM BC
1020	KGBS 8.30.	SB
1030	VQO fair with BBC nx 10	BC
1050	CFGF 9.15	SB
1080	<u>KRLD</u> <u>KWJ</u> <u>KHAI</u> all same format	SB
	KSCG call 7.32.	RCh
1090	<u>KING</u> / <u>XEPRS</u> 9	SB
	XEPRS Record offers VG 8.51 BC	BC
1110	WBT with KFAB 8.10 6/1	GM
	<u>KFAB</u> exc 7.55	RCh
1160	KSL with Nzer	
1170	KOHO ID in Jap mixed <u>KVQQ</u> 9.30	BC
1190	<u>KEX</u> strong regular with KLIF on nx 8	GM
1200	WOAI under Nzer 8	GM
1260	WWOK C&W 8.32 6/4	GM
	KGIL 8.30	SB BC
	JOIR often 9	BC

FEBRUARY IS ONE OF THE BETTER MONTH'S FOR HEARING AMERICAN STATIONS ON MEDIUM WAVE. NEW MEMBERS SHOULD TRY FOR THE UNDERLINED STATIONS.

1265	Radio Paradise 10.p.m. Sign on 9.04 followed by religious requests Sign on in Eng with full ID frequency and mailing address	SB 5 BC AC DL.
1270	KNDI 9	SB
1290	KTRN ABC Nx 8.20 mixed KUOA and KMEN 9	WIRL GM SB
1300	Asian off 11.57 ?	GM
	KYNO under KOL 9	SB
1320	CHQM 9.10	SB
	KCPX 8.30.(SB) KUDE off 8.01.	
1330	KFAC talk show mixed Also 10	8.15 GM SB
1350	KMAN and KSRO heard (KMAN is 500w Kansas)	3/2 CCr
1380	KUDL briefly 8.30. call WAOK good on top WLCY 6/1	GM
	KPOI a/n	SB
	KTOM off 8 good	NK
	KXRO after 8	NK
1385	WXLE 8.45 off 10. Consistent from 7 NK ID at 8. "It's 9 o'clock. This is the American Forces Radio and Television Service WXLE broadcasting from Canton Island in the Phoenix Islands." Wolfman Jack show follows. DL.	GM BC AC SB RCh
1390	KGER 8.50	SB
1410	<u>CKVN</u> 8.45 (SB)BC WUNI strong 19/1	AW. GM
	WING good ID 8.22	BC
1420	ZM2AP 8.15 Samoan	BC
1430	GKPH good 8	GM
	WIRE C&W 8.20	GM
	KELI-KALI good often	Many
1440	WSZO 11.08	
1450	WQSN C&W 7.36 mixed WLAY under KAYG on R&B 7.50.	WVLD 6/1
	KVEN off 8.06 (all GM)	
	WSZD 9.20	SB
1480	KYOS under Hauraki 7.30	GM
1490	WSSB on R&B 7.41 6/1	GM
1500	KSTP good with Taupo 7.55	GM
1510	<u>KGA</u> 8.30	SB
	<u>WLAC</u> strong 7.50	GM
1520	KOMA 9	SB
1530	<u>WCKY</u> 9	SB
1540	<u>KXEL</u> 8.20 good ZNS1 good 8-8.45 after off Mon 8/1	JS GM
	<u>KXEL-KPOL</u> 8.11 good	BC
1550	KKHI good classical 7.30	NK
1570	CHUB often 11.	SB
1580	<u>KDAY</u> a/n SB. 1600 KCAK? 9.	

MORNING 6

590 KGMB 2.a.m. SB
 593 Russian with Mayak. Int sig RCh
 good 4 RCh
 610 KUAM good 1.15 RCr
 KFRG 2 RCr
 640 KFI 1.30 SB
 650 KORL Nx 1 Exc RCr
 670 6BE from 3.04 till 3.04 4 FW
 9LA ABC nx 1 RCr
 690 KKUA and JOAB good when 3YA
 off. JOAB off 3. RCr
 710 KPAC in clear 2 mixed KIRO
 1.30 (SB) KIRO Nth West Nx
 at 2 (RCr) HLKA also good.
 745 HLLG//HLKH good 2.30. Also//
 710 RCr
 750 KXL News at 2 good RCr
 770 KOB 1.02 - 1.32 FW
 JOUB Eng lessons 2.10. Weds
 780 WBBM 12.30. FW
 790 KABC 2.10 FW
 Singapore good 1.30 RCr
 810 FEN mixed 6WN 2.30 RCr
 830 KIKI 3.40 news read by Rick
 Shannon VG DL RCr
 841 Iran good at times 4-4.15 RCh
 850 KOA Nx at 2 RCr
 880 KRVN 12.10 (FW) also 1 SB
 Wx at 1.35 RCr
 890 BED24 4 mixed KBS both s/off
 910 KNEW after 2 RCr FW
 940 KFRE 12.20 (SB) Nx 1 to 1.10
 980 JOLB s/off 3 RCr
 1000 KOMO Nth West Nx 1.55 RCr
 1040 KHVH 2 light pop orch VG.DL
 12.40 Music till Dawn RCr
 1045 DXLL Nx at 2 good Rcr
 1060 CFCN 1.30 good RCr
 1070 KNX 2 good Eng Nx. NHK
 behind DL
 1090 KING Nx 1 RCr
 1130 KSDO Sports 12.45
 CKWX News 2 RCr
 JOQR Eng lessons 2 Weds RCr
 1160 KSL 2.05 CBS Nx mixed HLKU
 1190 KEX 1.30. always strong RCr
 1240 JOLF 2 strong RCr
 1250 9PA Nx 1 mixed USSR RCr
 1260 CFRN 1 strong RCr
 1280 XEAW 1 (RCr) DWWW often 1
 1310 KNUI over Aussie 2.45 RCr
 1330 JOSF always good 1.30 on RCr
 1350 KIVM good 4 RCh
 DZYS heard once 1.50. RCr
 1460 KDON 2.30. KMWX call heard 2.
 SS at 12.30. XESM ? RCr
 1493? Russian new interval signal
 at 4.

1493 Unid Russian 12.30 every nite.
 1520 KYXI Nx 12.45. RCr
 1540 KPOL 1.15 RCr
 1550 XENU Many ID's 2.15 RCr
 1555 DYLA 12.30. Excellent RCr
 1560 KPMC good 2 RCr
 1570 CHUB Nx 2.10. RCr
 XERF 12.30 RCr
 1575 Sharjah in Arabic 5.00am AG
 (Trucial States 50kw)

DX FORECAST

FEBRUARY

6.55-7.15pm:Portugal/Europe(esp.late
 7.00-8.45pm:United States. Feb)
 8.00-9.45pm:US East Coast may peak.
 9.45-10.30pm:Central Americans.
 1.00-3.30am:US Pacific Coast.
 4.00am:Hawaiians.
 4.45 onwards:the Middle East.
 6.00-6.30am: Europeans.

MARCH

6.20-7.15pm:Portugal/Europe(from 7.00
 in early March)
 7.00-7.45pm:Cubans,Central & Sth Am.,
 Canadians,East Coast USA,to 8.15
 7.00-8.20pm: USA,Mexico.
 9.15-9.50pm South Americans.
 4.00-4.15am: Hawaiians.
 4.45-onwards: Europe/Middle East(early
 6.15-6.45am:North Africa/Europe. March)
 Robin Chambers.

PACIFIC-ASIAN REPORT (PAR's)

*New Philippines: DWFA 800 xDZFA 1000,
 DWZR 820 xDZZR 780 per Charles Taylor
 *USSR to supply 1000kw tx to Bangladesh
 probable frequency 690kHz.
 *IFRB List 8/72 includes projected Fiji
 stations:Labasa 950 2kw,Lautoka 770 2,
 Suva 1090 5kw and 1500 1kw. DL
 *AIR Ghorakpur,India 1000kw on 910kHz
 heard to 1730. JSWC
 *Alan Roycroft writes with latest from
 Hawaii:KISA 1540 opening late Feb,day-
 timer in Filipino.KIPA to 620 from 1110
 before 1/4.KKON 790 to 5kw this month.
 *Nuie now heard nightly on 620kHz,new 250
 watt tx.S/off 8.10pm 9/2.More next issue.
 "Another mailbag" introduces 2 new MW
 contributors..ELIZABETH HELLYAR, Bulls
 has reported 2ZW,2ZB,4ZB,4ZA>Welcome!
 NIGEL ROBINS, Wainuiomata has QSL'd 4XD
 and reported 4BC,A3Z,KXEL,4XD and KRGO
 1550(tentative) Theres plenty more!

LEAGUE LADDERS

Broadcast

Division	Dec.	Feb.	Inc.
GOLD STAR (1501 & Over)			
Arthur Cushen	2090	-	-
Keith Robinson	1958	1958	0
Merv Branks	1936	1950	14
Frank A. Wilson	1535	1545	10
GOLD ACE (1001-1250)			
Don Reed	1039	-	-
SILVER ACE (751-1000)			
Ray Crawford	865	872	7
Eric McIntosh	806	-	-
ACE (501-750)			
Robin Chambers	676	683	7
Stan Larking	640	-	-
Dene Lynneberg	578	581	3
Sutton Burtenshaw	585	600	15
Graeme Shillito	508	-	-
SENIOR (301-500)			
David Ricquish	373	-	-
Stephen Reed	360	-	-
Brian Withers	335	-	-
Ray Babbage	322	-	-
George Masson	307	318	11
INTERMEDIATE (151-300)			
Robert Chester	298	-	-
Gordon Simes	-	228	-
Lance Johnston	222	-	-
Bryan Clark	222	226	4
Arthur Williams	198	204	6
Richard Knowles	163	-	-
David Dwyer	169	171	2
Alan Crawford	179	179	0
JUNIOR (51-150)			
Lindsay Robinson	130	130	0
John Newman	136	136	0
Jack Searle	89	92	3
Terry Gloistein	-	109	-
Bruce Cavanagh	-	94	-
Gay Stevens	75	-	-
Michael Smith	67	-	-
Sinclair Bennett	72	96	24
Paul Falleni	58	60	2
NOVICE (1-50)			
Ian Patterson	47	-	-
Peter Blackhaus	34	-	-
Keith Barton	34	-	-
Michael Pollard	18	19	1
Colin Campbell	15	15	0

Shortwave

Division	Dec.	Feb.	Inc.
GOLD STAR (1501 & Over)			
Arthur Cushen	3866	-	-
Dene Lynneberg	1679	1687	8
Robert Chester	1521	-	-
GOLD ACE (1001-1250)			
Ray Babbage	1123	-	-
Ray Crawford	1031	1035	4
SILVER ACE (751-1000)			
John Mainland	865	897	32
Bryan Clark	860	876	16
Brian Withers	843	-	-
ACE (501-750)			
Erin Ardley	589	599	10
Eric McIntosh	541	-	-
SENIOR (301-500)			
John Durham	452	-	-
Lindsay Robinson	424	445	21
David Barton	420	-	-
Lance Johnston	341	-	-
Peter Herman	333	-	-
John Hillier	316	343	27
INTERMEDIATE (151-300)			
Alastair Stewart	291	-	-
Ian Patterson	283	-	-
Jack Searle	244	274	30
Frank Aue	211	-	-
Terry Gloistein	-	188	-
David Dwyer	189	191	2
John Newman	175	184	9
Stephen Reed	173	-	-
Arthur Williams	165	177	12
Mike Highley	-	175	7
JUNIOR (51-150)			
Colin Campbell	125	143	18
Bruce Cavanagh	-	116	-
Steven Greenyer	-	116	-
Michael Smith	103	-	-
Gay Stevens	86	-	-
Peter Blackhaus	69	-	-
Michael Pollard	62	78	16
Paul Falleni	54	58	4
NOVICE (1-50)			
Chris Mackerell	42	54	12
Robin Chambers	40	-	-
Paul Frost	34	66	32

Too many absences this month chaps!
 Lets see a good turnout for April
 semi-finals. Welcome Steve Greenyer.

KIT PARTS

MEDIUM WAVE LOOP KITS comprising
365 pf capacitor and 150' covered
stranded wire. \$3-00

PHILIPS SINGLE DIPOLE ANTENNA

complete with wire, insulators,
lead-in, transformer, and instruct-
-ions \$2-50

KIT PARTS

KIT PARTS

SPECIAL

SDH7 ALPHA STEREO HEADPHONES

8 ohms. DX in comfort (easily
adapted for mono) Shop price
\$13-80. SPECIAL TO DX MEMBERS
\$12-50

7 strand copper aerial wire
50' coils for 50c.

AWA Speaker Kits as advertised
last month - \$19-50 - only 6 left !

Watch for our brand new kits - Hi Fi Tuner, and CRYSTAL controlled VHF
convertor for adapting to your radio. Simple step-by-step instructions
for assembling all our new kits will shortly be provided.

208 Cuba St
Wellington
'Phone 57-673



102 Manchester St
Christchurch
'Phone 74-398

ALL MAIL ORDERS TO P.O. BOX 27037 WELLINGTON.

Radio Sweden Jubilee Contest

To celebrate the 25th anniversary of "Sweden Calling DXers" over Radio Sweden, a contest is being held to tune into as many DX programmes on SW during the first week of March 1973, that is 1-7 March GMT. Only English language broadcasts qualify; written logs (ie taped entries note permitted) are to be sent not later than 11 March to DX Contest, Radio Sweden, S-105 10 Stockholm, Sweden. Each broadcast is to be logged in the usual manner as 1st prize goes to the DXer reporting the most programmes and the best record of items broadcast in these DX programmes. Valuable prizes will be awarded. A full list of the programmes available for reception will be given over "Sweden Calling DXers" on 27 February. Already in the list are SCDX itself, BBC World Radio Club, Arthur Cushens DX World, World DX Club via Voice of Hope, DX Jukebox from Holland, Radio Sofia's DX prgm and probably Radio Safari over Radio Portugal. C'mon NZ DXers, let's show the world!

SHORTWAVE MAILBAG

9

with John Mainland

With a good number of new contributors welcomed this month, the mailbag is really bulging, so lets get to work....

LINDSAY ROBINSON, Invercargill has logs totalling 5 and QSLs from Austria 21720 Hanoi 12025, Liberation 10010, BBC 50th Special 9640, HCJB 6015, Hilversum 21570, Kuwait 21685, 15435, UN Monrovia 21660, KGEI 15280, RNZ 17770, VOA Gvlle 15400, Moscow 21505, BBC 15260, 9740, BBC Cyprus 11760, Greece 21610..his 65th country.

ITO TSUKIGAWA, Oamaru has logged 8 and veried BBC 7150, FEBC 15440 and RN from Madagascar.

HARRY SEARLE, Invercargill is our first newcomer, with reports to Hanoi 10040 1003, Montreal 11860 1830, Israel 9009 0504 Prague 11855 0700 & HCJB 5990 0900. QSLs from Karlsborg Test 7215 & BBC Special 15070. Details for Bandwatch next time?

RICHARD WALSH, Wainuiomata submits 8 reports in his first contribution to the Times and advises QSLs to hand from Radio P&P 9480, 9490, Tahiti 11825, Prague 7345, 9540, 9630, 11990, 11855, 15310, RFE 15115, & Japan 15235.

DAVE DWYER, Christchurch has a lone QSL from Austrian Army 6255. Keeping cool?

JOHN HILLIER, Masterton has verified Oslo 17800, 15175, Prague 9540, 7345, 11990, Sofia 15310, Japan 17710, VLW9 Perth 9610 & 7 RAs. 8 reports to Japan, also Bangladesh 15520 1240, Berne 11870 1320, 17830 1325, 15305 at 1340.

ARTHUR CUSHEN has reported 10 stations & verified Lusaka 17895, Madang 3260, Athens 7215, CBC 6110, Popendetta 2468, Tunis 11880 Lyndhurst 21455, Tokyo 5990, BBC Atlantic 9580, 9600, BBC UK 5975, BBC Cyprus 11955, and CBC 6125.

BRYAN CLARK Wellington has 5 logs and QSLs from RN Madagascar 21510, 9715, 15350 15320, UN Monrovia 21670, BBC Tebrau 15435 (50th Anniv. card), Athens 21610, VOA Gvlle 21455 and VOA Monrovia 25950.

KEITH ROBINSON, Invercargill has veried Vienna 21585, Guyanna 3290, UN Dixon 21630.

PAUL FALLEN, Paerata has reports out to Radio Japan, BBC 9640, VOA 15250 and Prague 11990.

BILL PEARSON, Wellington proves he has been listening recently with QSLs from BBC 50th Anniv 11955, 9640 RA-Shepp 21550, RA-Lynd 15240 and ELWA Monrovia 11940.

RAY CRAWFORD, Invercargill advises 16 reports for Bandwatch and lone verie from BBC/FES 15435.

PETER GRENFELL, Oamaru has had a busy month with 22 stations logged and QSLs from DW 9510, 11865, BBC 50th Anniv. 9640, and BBC World Radio Club DX Award 15070, 15260, 17885, 7260.

MIKE HIGHLEY, Wellington has sent 1 report and the postie has brought VOA Gvlle 17785, Bucharest 11940, BBC-UK 9825 and Norway 17800.

MALCOLM MCFARLANE, Wanganui has 4 reports, including Helsinki 21595 and QSLs for AFNT 3990, RBI 9720, VOA Munich 3980 and Finland 9550.

YOUR EDITOR has 10 logs for Bandwatch and verifications from Sri Lanka 11725, Israel 11855, Sofia 6160, 9560, NHK 17710, Yerevan 15180, Stockholm 9760, BBC-UK 11750, RN-Bonaire 6170, Athens 5960, 6175, Lourenco Marques 11780, TWR-Bonaire 9760, 11725, Berne 6015, Rome 21695, Paris 15155, RBI 15100, 15425 and XERMX 15125.

MICHAEL COLE, Auckland yet another new contributor, with logs of Timor 3668 1307, Bangladesh 17935 1234, HCJB 5990 0718, RAI 11810 0831, CBC 9655 0700, Sweden 9630 0830, 9760 0515 RFE 9695 0639, Algeria 9685 0800, VOP 9580 0833, Tashkent 119 5 1205, RM-HS 9605 0900, Moscow 9450 1132, 12060 1232. QSL'd are RN-Bonaire 15375, RBI 11870, BBC 50th Anniv. 9640. Michael is brother of former Titahi Bay member Peter Cole. Welcome!

10
PAUL PENBERTHY, Palmerston North in his first contribution to SW Mailbag has submitted 5 reports for Bandwatch and QSL'd Karlsborg Test 21715, RA-Shepp 17870 and HCJB 9745. Thanks for comments!

ALAN CRAWFORD, Invercargill has logged BBC 6050, Karachi 21590, HCJB 11915, VLM4 4920, RA 15295 and VOA 6190.

NIGEL ROBINS, Wainuiomata has veries in from ETLF 11850, Rumania 11775, Paris 11-860, CBC Sennes 9615, ICRC 11775, Zambia 11880 (perhaps their typing error Nigel) Vienna 7245, RN-Bonaire 6085, RA-Shepp 21740 & Tokyo 15195. A massive list for Bandwatch..25 reports out in January.

PAUL FROST, Tauranga has posted out 16 reports including Kuwait 15345 0622, and received QSLs from RSA 21520, 21545, Japan 17875, 11815, SBC 9590, Hanoi 10040, Sweden 9760, Moscow 19m, BBC 50th anniv. 7150, RA Shepp 9580, 15320, 17870, plus pennant, ORF 21720, 21705, Madrid 15420 plus pennant, Warsaw 9625, Standard time & frequency Peking 15060. Stations are 'utilities' and do not count for SW Ladders Paul.

BARRY WILLIAMS, Auckland makes a welcome return to these pages with 5 loggings for Bandwatch. Thanks Barry.

NICK KENDALL, Wanganui has logged Dili 3668 and St. Denis 4807. He has shot the postman....

CHRIS MACKERELL, Nelson has 2 logs and QSLs from VOA Woof. 7200, Seoul 9640, BBC 7150, 12095, Warsaw 9540, Prague 11990, FEBC 11890, Red Cross 11775, VLT4 4890, Saudi Arab. 11855, ETLF 15190 & DUH2. Good holiday?

TERRY GLOISTEIN, lone contributor from Dunedin has some observations for the Bandwatch. Giddy up there?

TONY KING, Wellington has QSL'd VL9BA and Milne Bay 3360. 4 reports out.

KEITH BARTON, South Australia has received BBC 50th anniv. QSLs for London 7150 and Cyprus 17885. Tx for renewal!

DENE LYNNEBERG, Titahi Bay has 8 reports off and veries in from Malawi 3380, WINB 15185, Sweden 11940, Austria 21585, Athens 21610, RN-Talata 9715, 11890, 15320. Ta.

ARTHUR WILLIAMS, Twizel has QSLs from Sweden 9715, Prague 9540, Austria 21705, RA-Darwin 15160, BBC 50th Anniv. 11955 and BBC World Radio Club DX Award for London 11855, Cyprus 11955, Ascension 9580.

STEVEN GREENYER, Invercargill in a well set-out first contribution has verified Greece 21610, Canarys 11800 RN-Bonaire 6085, WINB 15185, Taiwan 17890, Seoul 9640, Zambia 17895, Berne 21520, BBC Ascension 6005. 10 loggings submitted to Bandwatch. Keep it up!

JACK SEARLE, Haumoana can thank his postie for RA-Shepp 9570, 15405, 15265, RA-Darwin 11945, NHK 9560, 17725, RN-Bonaire 6085, 9715, 17810, 11815, CBC 5960, 5980, RM 9580, Sweden 11940, Bucharest 9570, Lisbon 11935, Warsaw 9540, BBC 50th Anniv. 9640, RBI 11870, IBRA 9670 with pennant, Madang 3260, RFE 9705, SEC 15305, Liberation 10010, Tunis 6195, Kajang-Malaysia 9665, Sabah 5980, YMO Lara 4800, ORF 15250, CP38 5045 (!), Teheran 15084 maps and brochures by air registered and Rohrdorf 7265. No wonder with 37 reports out for January!

MICHAEL POLLARD, Temuka has 1 log but plenty of observations for Bandwatch, now the Marconi is OK. Veries from HCJB 11745, Sofia 9700, RM 15290, RA-Darwin 15355, RSA 11900, WNYW 11885, HCJB 6015, RNE 11925, RA-Shepp 15320 and Nth Vietnam 15018.

BRUCE WILLIAMS, Wellington another new member has sent in some interesting observations for Bandwatch.

JOHN NEWMAN, Twizel has sent 25 reports and QSL'd RA 9740, 17870, 15140, 11790, Sweden 6065, Kuwait 21605 21685, Athens 21610, RSA 21535, Berne 11775, Pakistan 9465, 17830, 21590.

ERIN ARDLEY, Auckland has reported 11 stations and verified RN Talata 15195, Lopik 17830, SEC 11720, IBRA 9670 plus pennant, Austria 21705, RA Shepp 21550, 15265, RA-Darwin 11840, Hanoi 12025 and NHK 15325. Good!

JIM SELBY, Porirua is our final new contributor this month. 9 reports out and 46 veries in, including Daru 3305, Milne Bay 3360, Lisbon 21495, VL9BA, LRA32 9690, RSA 17815, Finland 15185, Bangkok 11910. Sorry for squeeze.

COLIN CAMPBELL, Rotorua just makes it with 12 reports and QSLs from SBC 21520, 11775, 9535, Prague 11855, 9630, Sweden 9760, ZL3 11780, TWR Monte Carlo 11955. Watch deadline Colin.

A great month..thanks everyone!

SW BANDWATCH

ALL TIMES GMT. FREQUENCIES IN KILOHERTZ.

Despite the holiday period it appears considerable DX is being done! Signals from Africa are appearing on the 60 metre band during the 0545-0700 GMT time period, including Camerouns 4972, Niger 5020 and the Central African Republic 5035, augering well for a good season ahead. A presumed new regional outlet of Radio Nigeria is noted on 6195; Radio Sweden is now using their first 500kw transmitter for normal transmissions; the Israel Broadcasting Authority has a new transmission at 0500..see 11960kHz.



FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
2460	1530	INDONESIA RRI-Djakarta	Indonesia with Islamic music.	JSWC
2510	1020	SOUTH KOREA KBS Taegu	heard at poor level.	TG
3223	1400	INDONESIA RRI-Mataram	Clock striking hour then ident in Indonesian "Radio Republik Indonesia di Mataram" good signal.	DL
3227	1420	INDONESIA RRI-Djakarta	English/Indonesian language lesson, fair.	DL
3245	1014	PAPUA NEW GUINEA VL8BK	Kerema music programme at poor level.	TG
3381	1435	PAKISTAN	Tentatively Radio AZAD KASHMIR. Talk in dialect with many mentions of "Pakistan". Good signal.	DL
3385	0957	PAPUA NEW GUINEA VL9BR	Rabaul fair with music programme.	TG
3975	1508	INDONESIA RRI-Surabaya	good signal with ident in Indonesian.	DL
4730	1315	AZAD KASHMIR Muzafarabad	in local language, probably Kashmiri, with news 1330, sign-off 1400.	JM
4780	1750	AFFAR & ASSAS Djibouti,	fair in Arabic to fade-out 1837. <u>BC</u>	
4786V	0700	MALI Radio Mali, Bamako	new frequency in African dialect.	NZDXRA
4807	1645	REUNION	Classical music & French anncts. Fair. DL Good Ident in French followed by "France Inter" nx 1800 <u>NK</u> 1748 Poor thru noise. Full ident 1800. <u>MM</u>	
4830	1230	THAILAND Bangkok Home Service	transmission in Thai.	JM
4865	0848	BRAZIL Radio Clube do Para	with Portuguese Ident and Latin mx	ASWIC
4915	1719	KENYA Nairobi	fair in Swahili. Full ident. 1730.	MM
4920	1530	INDIA AIR Madras	news in English, weak signal.	MP
4920	1110	AUSTRALIA VLM4 Brisbane	V.G. in English to s/off 1402.	RW
4950	1135	SARAWAK Radio Malaysia	in English. News 1200.	SG
4972	0615	CAMEROUN Radio Yaounde	with talk in French. Poor-fair reception.	JM
4980	0700	GHANA Radio Ghana, Accra	poor-fair with English Nx.	JM
4985	1400	MALAYSIA Kuala Lumpur	with news then music programme.	LR
5020	0620	NIGER Radio Niamey,	French anncts & African mx s/off 0633. Poor.	JM
5035	0555	CENTRAL AFRICAN REPUBLIC	Radio Bangui fair with African mx and French anncts. Variable frequency, sometimes 5038kHz.	JM
5045	1545	BURMA Rangoon	fair with music and female announcer at s/off.	MP
5047	0640	TOGO Lomé	fair with French programming. JM. 0620 Good level.	BC
5075	0855	COLOMBIA HJGC Radio Sutatenza	strong opening ident in Spanish.	BC
5875	1133	HONDURAS HRN Voz de Honduras	with news and Spanish music.	LR
5960	0645	CANADA CBC	with English to Northern Canada. Fair to s/off 0705.	NR
5965	0758	BRAZIL ZYU60	s/on in Portuguese. <u>SG</u> Radio Guaiba fair LA mx.	NR
5975	0955	CHILE CE597	Presidente Balmaceda good level.	AK
5975	1020	BOLIVIA Radio Nacional, Cochabamba	with mx programme.	NZDXRA
5980	1041	SABAH Radio Malaysia	with English Nx 1100.	SG

12

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
5980	1010	GREENLAND	Radio Godthab opens with ID signal, anthem 1015. In // 3999 and 9575. (next month perhaps?)	NZDXRA
5987	1000	INDONESIA	RRI-Menado s/on at fair strength.	SG
6005	0738	WEST GERMANY	RIAS Nx, Wx, Mx good in German. QRM HCJB from 0800.	NR
6030	0730	UNITED STATES	AFRTS via Bethany. Clear signal.	JN
6040	0827	COLOMBIA	HJLB La Voz de Tolima logged on New Years Day.	SG
6050	1935	ITALY	RAI Rome opens in English to UK, fair. EA Good in English.	RW
6055	2100	AUSTRALIA	RA-Darwin opens in English to S/E Asia, poor.	EA
6075	1645	GREECE	Athens s/on with flutes/shepherd bells, then Bulgarian. Poor signal under Deutsche Welle.	DL
6110	1530	AZERBADZHAN	SSR Radio Baku signs-on in Arabic.	SRK
6125	0900	URUGUAY	CXA4 S.O.D.R.E. with Spanish Nx.	ASWLC
6125	0700	CANADA	Radio Canada International opens in English.	JS SG JN
6170	0318	RUMANIA	Radio Bucharest with English to North America.	ASWLC
6185	0407	NORWAY	Radio Norway now using this frequency. English, Monday.	ASWLC
6195	0700	NIGERIA	Unidentified regional outlet of Radio Nigeria, with news relayed from National Service. Mixed BBC. JM No news Sundays at this time. Time check then Ident "This is the NBC...."	DL
6210	0700	INTERNATIONAL WATERS	Radio Nordsee International in Dutch x6205. JNJM VG with pop show in Dutch. BC.1450 Good, first time heard this early.	JN
6250	0610	EQUATORIAL GUINEA	Radio Santa Isabel good in Spanish. Many ident as "Emisora Radio Santa Isabel desde la Capital de la Republica.."	DL
6540	1051	NORTH KOREA	Radio Pyongyang heard with spoken programme.	TG
7075	0600	EGYPT	Radio Cairo VG in Arabic.	JS
7130	2100	WEST GERMANY	Deutsche Welle good in English to Asia & NZ.	NR
7135	2000	IRAN	Teheran to Europe in English, possibly 350kw. Sked 1730-2130.	NZDXRA
7175	1820	WEST GERMANY	DW-Cologne signs on in Turkish.	RC
7215	1830	INDIA	AIR New Dehli in English thru severe QRM.	JS
7255	0645	NIGERIA	Lagos with International Service in English. Nx 0700 // 15185	NR
7260	1728	MONACO	TWR Monte Carlo with ident in Norwegian then English.	MP
7295	2000	GREECE	Athens sign-on in Greek. Poor-fair thru jamming.	DL
7310	1145	LAOS?	La Voix de Pathet Lao gave good reception.	JSWC
9410	1655	GREAT BRITAIN	BBC World Service with "The World Today", good.	PP
9460	2010	PAKISTAN	Karachi has Nx in English. PP. Closes in English 2100.	JS
9505	1105	PHILIPPINES	FEBC Manila s/on fair with Chinese dialects.	NR
9505	0030	PORTUGAL	IBRA Radio via RTE Sines, English to India Sundays to 18 February. Alternative frequency 7250.	SCDX
9510	1015	CHILE	Radio Corporacion with Spanish advts, anncts at poor level.	NR
9520	1800	SPAIN	Radio Liberty s/on in a Caucasian Language, mixed Denmark.	DL
9525	0630	CUBA	Radio Habana good in English to Nth America. Heavy QRM 0700.	CC
9535	2130	AUSTRALIA	RA-Shepparton opening Vietnamese Service.	JS EA
9535	0800	NETH. ANTILLES	TWR Bonaire x6110 but mixed with Berne.	AC
9570	2200	MALAYSIA	BBC Tebrau s/on in English // 6195, 11955. Good with NX.	NR
9580	0900	PHILIPPINES	Radio Filipinas "Lets learn Philippino", excellent.	AK
9615	2230	VATICAN	Vatican Radio good to the Philippines, // 11705.	Both PG
9620	0350	ITALY	Rome Radio in English to Far East. Good with nx, mx.	NR
9620	0800	BRAZIL	ZYR97 Sao Paulo logged with bells, then mx programme.	LR
9620	0900	SPAIN	RNE Madrid opens in Spanish, Sundays.	AC
9650	0300	GUINEA REPUBLIC	Radio Conakry in French, African music.	ASWLC
9655	0940	THAILAND	Bangkok Strong in Thai, until s/off 0959.	BRW
9670	0930	PORTUGAL	Voice of Hope in English. World DX Club Sundays 0935 at good level. NR. Under Japan. CC. Over Asian station & Moscow.	BRW DL
9675	1132	INDIA	AIR Dehli good reception of Home Service Nx in English.	NR
9690	2020	UNITED STATES	WNYW with mx, good signal. MP 2100 CBS Nx good.	NR
9720	0435	SAUDI ARABIA	Riyadh good with Home Service in Arabic.	JM
9720	1230	SWEDEN	Stockholm good in English "Saturday Show". QRM Ceylon.	NR
9735	1800	RWANDA	DW-Kigali strong signal in German to Africa.	BRW

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
9745	0900	SWEDEN	Radio Sweden testing with 500kw under HCJB. AC Good signal 1220-1230 DL 500kw test also logged on 6175 at 0500 mixed with Greece s/on DL and 0625 good level early January. 15295 mixed with Paris from 1030 AC Testing from Karlsborg 12/1PG	13 BC NZDXRA
9760	1845	MALAWI	Lakeland Radio x9550 x9510 sked to 2145 or 2200.	NZDXRA
9833	0800	HUNGARY	Radio Budapest DX Programme to 0810. Very good.	RW
9912	2045	INDIA	All India Radio News in English to NZ.	PP
10040	1300	NORTH VIETNAM	Voice of Vietnam logged at good level. Also 1000.	RW
10080	1100	CLANDESTINE TO KHMER REPUBLIC	Voice of the National Front of Kampuchea, good signal.	JSWC
11620	2135	INDIA AIR-Delhi	is Excellent in English.	PG
11715	0618	ECUADOR HCJB	Quito Religious prgms VG in English.	JS
11760	0520	CUBA	Radio Habana good in English to s/off 0600 when BEC CYPRUS begins English to Africa, good till RA 11765 s/on 0645. Both CC	CC
11765	0600	SWITZERLAND SBC	Berne Excellent in German to Africa.	JS
11790	1120	AUSTRALIA RA-Shepparton	good with English to S/SE Asia.	EA
11800	1201	SRI LANKA	Radio Ceylon All Asia Tamil Service, good.	NR
11810	1830	GREECE VOA	Thessalonika with opening ident, then French.	MP
11810	2305	WEST GERMANY DW-Cologne	in Spanish to Latin America x15435.	JM
11815	0102	NETH. ANTILLES TWR-Bonaire	very good to Far East.	PG
11860	1835	CANADA	Montreal mixed VOFC Taiwan. JM 1915 Good in French JS. 2125. MP	MP
11870	1315	SWITZERLAND SBC	Excellent in English NR 1530 English Nx.	RC
11875	1815	PORTUGAL	Lisbon in English to Africa x11935. JM. 1901 Good signal JS	JS
11910	0250	CUBA	Radio Havana good in English for the Americas.	JM
11925	0325	LIBERIA VOA	Monrovia fair. (more details in notes please John)	JN
11930	2030	WINDWARD ISLANDS WIBS	Grenada fair with requests. PG Very poor.	JN
11940	1520	RUMANIA	Radio Bucharest concludes English programme.	RC
11960	0500	ISRAEL	Home Service Relay from Jerusalem, English Nx then French 0515-0530 mixed Lisbon. Both JM Exc. in // 9625, 9009 NR AC 9009 CM	
11960	1610	MALI	Radio Mali, Bamako in French & a vernacular language, fair to s/off 1700 on a Saturday.	JM
12005	0700	CLANDESTINE	Radio Portugal Libre fair level in Portuguese.	NR
15130	0828	PAKISTAN	Rawalpindi signing-on. Islamabad listed here, but anct "Kistia Pakistan Rawalpindi" given at opening and later.	SG
15160	1020	USSR	Radio Moscow English Commentary, strong to s/off 1030.	BRW
15230	2330	CUBA	Radio Havana good in Spanish.	RC
15235	2330	PHILIPPINES FEBC	s/on in English RC DZH9 English Nx.	JS
15270	2215	NETH. ANTILLES TWR	Bonaire strong to s/off in Norwegian.	MH
15310	1045	MALAYSIA	BBC Relay at Tebrau, strong signal with World Service.	BRW
15325	0900	JAPAN NHK	Tokyo opens in Japanese to Latin America, good.	EA
15380	2030	RWANDA	Deutsche Welle relay at Kigali. Good in German to W. Africa.	EA
15385	0307	MEXICO XERX	Excellent in Spanish. English ident. 0350.	PG
15390	0600	CYPRUS	BBC relay in English, excellent to close 0730. // 17785.	CC
15790	2230	CLANDESTINE	Voice of the Malayan Revolution in Malay, VG.	NR
17710	0806	JAPAN	Radio Japan with English in European Service.	BW
17735	1745	CUBA	Radio Havana in French for Mediterranean // 17855.	JM
17780	0200	TAIWAN	BED95 heard thru jamming.	JN
17830	0630	PAKISTAN	Karachi good level RC 0537 Poor.	JN
17870	0957	SOUTH AFRICA	Radio RSA Poor on new freq. to Australia x17820 15285 logged x15220. Also using 21520. Good JS	BC AC
17935	0600	BANGLADESH	Dacca fair with English Nx to 0610. JS Good PG English 1230-1300 // 15520, 15400 (not heard) KB CC 15520 logged at 1210.	BW
21485	1010	VATICAN	relay of Radio Telefis Eireann Sports Nx, Monday to 1015.	BC
21595	1900	CANADA	Montreal often loudest in the band at this time, English.	BC

14 FREQ TIME COUNTRY PROGRAMME & RECEPTION DETAILS INITIALS
 21655 0815 NORWAY Oslo's 10kw transmitter gives fair reception to close 0630.BC
 21675 0800 AUSTRALIA RA-Shepparton new freq to Europe 0645-0745, then to
 Asia/Pacific to s/off 0915. x9570. Very good level. BC

CONTRIBUTORS:

PG Peter Grenfell	EA Erin Ardley	MM Malcolm Macfarlane	NR Nigel Robins
RC Ray Crawford	BC Bryan Clark	DL Dene Lynneberg	RW Richard Walshe
MH Mike Highley	JN John Newman	CM Chris Mackerell	MP Michael Pollard
JS Jack Searle	AC Arthur Cushen	SG Steven Greenyer	KB Keith Barton
TG Terry Gloistein	AK Tony King	BRW Bruce Williams	CC Colin Campbell
BW Barry Williams	NK Nick Kendall	JM John Mainland	LR Lindsay Robin-
PP Paul Penberthy	SRK Swedish RadioKlubb	SCDX Sweden Calling	DXers son

Many thanks to a record number of contributors! Sorry so much had to be left out. Just enough room for this month's BEST OF THE MONTH winners...

Under 9mHZ VOA Munich 3980 8kw 120pts Over 9mHZ Zambia 17895 10kw 115pts
 Malcolm Macfarlane, Wanganui. Arthur Cushen, Invercargill

ARTHUR CUSHEN'S SHORTWAVE REVIEW

The ceasefire in Vietnam has ended many months of monitoring Radio Hanoi and the National Liberation Front Radio for POW messages and lists exchanged have included some surprises. Radio played an important part in this work as the monitoring of these stations was often the only way of knowing if a man was a POW. In our own listening we have records of men who were captured as early as 1966, and letters of appreciation from next-of-kin pay glowing tribute to this work.

This month has seen a fall-off in high frequency reception and a better signal quality during daylight hours. All times are GMT, all frequencies in kHz.

AUSTRALIA: Radio Australia, Melbourne 21675kHz 0645-0915 GMT, replacing 9570 and beamed to the UK and NZ. The same programme is broadcast on 11765kHz.

BONAIRE: TWR Bonaire has moved to 9535 from 0800, replacing 6110kHz. At 0930 this frequency replaces 9735. Signals on 9535 are mixed with Berne, Switzerland.

CEYLON: Colombo 11725 heard with all Asian service on Sunday at 0300 when the Morning Show is broadcast to 0330, followed by "The Voice of Prophecy".

FRANCE: Paris has English to Africa 1030-1115 GMT and is heard on 15295. Other frequencies are 17720, 17730 and 21580kHz.

GREAT BRITAIN: BBC World Radio Club now has an extra session on Thursdays at 2030 GMT. It is also heard on Wednesday at 1330, Friday 2345 and Sunday 0815.

ISRAEL: Jerusalem heard with a new relay of morning news from the MW network. Heard with English news and commentary at 0500, French at 0515 on frequencies of 9009, 9625 and new channel 11960kHz.

PAPUA & NEW GUINEA: The ABC advise that 9WK Wewak is still in the planning stages for operation on 1520kHz with 2kw. Wewak is served on SW by VH9ZJ operating on 6140kHz with 10kw, Sunday to Thursday 2230-0200 and Monday to Friday 0400-0530.

PORTUGAL: The Voice of Hope uses 9640 on Sundays from around 0500 to 0715 and causing interference to the BBC. Later they have been noted on 9670 at 0935 with a DX Session.

SPAIN: Madrid has been heard on Sundays opening at 0900 on 9620kHz. Other frequencies for this transmission 0900-2130 are 6065, 6140, 7105, 7190, 9515, 9570 and 11920.

ZAMBIA: Lusaka 17895 has English news 0500. Verification gives power as 10kw. They advise that the General Service is on 3346kHz with 150kw.

Sorry chaps, no Ute pages last month. Guess one could say we were kind of 'looped'. A welcome this month to Richard Walshe, and Jack Fox. Hope you both keep up this type of 'real' Dx. Now let's open the mail-bag:

RICHARD WALSHE, Wainuimata, has reports to VNG 4500 12000; VIS9 3757 1003; N.Z. Post Office, and Noumea PTT. Verifications from VNG and VIS9. I have noted your comments about a beginner's list. I wish you luck with N.Z.P.O. They do not usually verify.

DENE LYNNEBERG, Titahi Bay, has received no veries but loggings include:- Addis Ababa telecomms 10835 0445; Saigon PTT 10911 1925; Moscow R.T.Stn 10935 1935: Keep it up.

YOUR EDITOR has received verifications from Kuwait PTT 9KT32 13878; VNV30 7980; GEJ Luqa R.A.F. Malta 9032; Athina Radio 8812 8796; WMA29 9170; WMC23 13370; WMC33 13390; WEE20 10385; VIP Perth GPO 17307.5; TUP21 Ivory Coast 12115 ltr; USCG New Orleans 8275 ltr; VIS43 17314; VIS54 13112; VIS7 4371; Reports nil, due to most time involved in house building.

TRAIL

- | | | | | |
|---------|----------|-------------|---|-----------|
| 2182 | 20.12.72 | 0100 - 0700 | Rescue Drama involving the Aderyn Mor. Those heard included ZLBA Kaikoura; Orion 1 (aircraft); GOOR Rangatira; shipping vessel 'Virgo'; Kaikoura Rescue 2 ZM2837, and the Aderyn Mor-ZLAKT. | DL |
| 8789.6 | 0700 | GCN3 | Portishead Terminal of British P.O. Heard hourly calling ships in A3 (a.m. mode) | JF
WP |
| 9382.5 | 0800 | IRG43 | Italcable, Italy. t.tape in E/It/Fr/Sp | SSB
WP |
| 10835 | 0445 | ETJ84 | Board of Telecomms of Ethiopia. male vm in Eng/Ar | DL |
| 10845 | 0155 | | Congo Rep. Brazzaville, France Cable & Radio t.t. E/Fr | WP |
| 10911 | 1925 | XVX10B, | Saigon, South Vietnam. t.tape f.v.m. good | SSB
DL |
| 10985 | 1935 | | Moscow Radiotelephone Station. f.v.m in Eng. | SSB
DL |
| 13163.5 | 0700 | GCN4 | Portishead Terminal. (as for 3789.6) | JF |
| 13873 | 0540 | | Kuwait PTT f.v.m test tape with mus. | WP |
| 14530 | 0130 | AEZ | Ethiopia, Asmara. (U.S. Army) m.v.m t.tape in Eng. | WP |
| 20820 | 1524 | | Cameroun ITCC (Int. Tel Comm of Cameroun) t.t. Eng/Fr | ASWLC |

'HAM SATELITE' Oscar 6, the latest 'ham' satellite was recently launched and can be logged on 29.45 - 29.55 MHz. A colourful QSL card will verify correct reports. Address: AMSAT, P.O.Box 27, Washington DC 20044 ASWLC.

MODES OF VARIOUS UTILITY TRANSMISSIONS.

Most Utility stations transmit in S.S.B. That is, they transmit only one side band and usually with a reduced carrier. The intelligence of any signal is conveyed in the sidebands and hence the carrier can be suppressed prior to transmission and reinserted at the receiver (i.e. by B.F.O.) The degree to which the carrier is reduced or suppressed is designated by the following prefixes:-

- A3 Double Sideband. (conventional amplitude modulation) same as broadcast stations heard throughout shortwave bands.
- A3A Telephony. S.S.B. with reduced carrier.
- A3B " two independent sidebands.
- A3H SSB with full carrier
- A3J SSB suppressed carrier

Credits: DL Dene Lynneberg, JF Jack Fox; WP Bill Pearson; Note: These pages being typed 1.2.73 as I will be out of Wellington from 3.2.73.

N.Z. RADIO DX LEAGUE

FOUNDED 1948.

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..sign-off.

- * FEBA Seychelles have purchased a 100kw transmitter & hi-gain antenna system to improve their transmissions to India.
- * The Worlds' largest SW radio station may soon be constructed 10 miles west of Kahului Airport, Maui, Hawaii, by the Billy Graham Evangelist Association at a cost of over \$2 million. Preliminary drawings have been completed, with the application presently being studied by the FCC. HCJB staff would operate the proposed station. ASWLC
- * Big news in recent weeks is the new Government's plan to replace the NZBC with 3 public corporations; 2 for TV and 1 for radio, the latter to be 'regionalised' on the 4 main centres. Developments are awaited with interest.
- * Haiti will have a new 10kw government radio station by July this year.
- * In a recent letter, KGEI advised that the date for full introduction of their new 250kw transmitter has still to be determined.
- * An ASWLC report indicates that WINB may be closed down by the FCC.
- * In a letter to ASWLC, Mr.R Azevedo of the International Dept., of Radio Nacional de Brasilia says they plan to have 11 250kw transmitters by the end of 1973 to become the most powerful station in Latin America. They are keen to receive listeners' reports on their transmissions and programmes. Useful reception reports are verified with pennant, postcards of Brasilia, pamphlets and stamps (if requested.) Latest sked: 1930-0030 on 15445, 11720 & 9665kHz. English 2230.



BUY & SELL

FOR SALE: EDDYSTONE S750 11 valve communications receiver, covering 480-30,000kHz except 1465-1700kHz. A good shortwave set for \$125. Also TRIO 9R59 9 tubes, full MW-SW coverage, 6 years old. For quick sale \$85. Airfreight to nearest airport included. First in, first served to B.Clark, Box 2956, Wgtn.

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

