



NEW ZEALAND DX TIMES

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MAY 1973

FROM THE **BOX 2956** MAILBAG

HARRY VAN GELDER, popular host of Radio Nederland's "DX Jukebox" will shortly retire due to ill-health, after many years promoting and assisting the SWL and DXer. Harry has carried a heavy burden in recent years unbeknown to his worldwide audience and it is to be hoped that his retirement will aid recuperation and restored good health. Compere of "DX Jukebox" will be Serge Neumann, a well known American DXer.

CLUB NEWS: Best wishes to the Swedish Radio Club (SRK) celebrating its 30th year in 1973. More international broadcasters are starting clubs for their listeners: Radio Moscow introduced theirs in a German Service during February. "DX-Corner Belgium" is now broadcast for 20 minutes at 2215 and repeated 105 minutes later, every 4th Monday GMT in English.

RADIO SWEDENS JUBILEE CONTEST: (see February Times) attracted 446 entries from 45 countries, 77% coming from European DXers. West Germany was the leading country with 141 entrants. There were 35 entries from the USA, 8 from New Zealand and 6 from Australia. Winners are to be announced on 9th May, so best of luck to those League members concerned.

MAIL DELAYS: After experiencing little difficulty with delivery of the first 5 issues posted from Wellington, we had some anxious moments with the April Times with deliveries in Invercargill a week after dispatch on Thursday 12th. So its finger crossing time again!

LOUISE WASHBON, Box 1033, La Habra, California 90631 has an extra Radio Canada pennant which she would like to swap with another League member. Her present collection includes NHK, Hilversum, RSA, RBI, XERMX, Taiwan, Bulgaria and Deutsche Welle.

CURRENT PROJECTS: Keep those cards & letters rolling in for our feature on the equipment you use; already a very good response! Also underway at present are: an abbreviations list and new countries/points list (Southland Branch). We are finalising a contributors form for the SW sections to assist both members and editorial staff. The files covering last years investigation into reception reports have arrived at Magcom, and it is hoped to publish some findings later in the year.

-73 in 1973- -INTERNATIONAL DX FRIENDSHIP YEAR-

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 6 JUNE. DETAILS OF DX ACTIVITY, QSL's, BEST-OF-MONTH ENTRIES & LADDER TOTALS TO BOX 2956, WELLINGTON, NZ.

FROM THE BRANCHES

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OTAGO: 8 members braved the inclement weather to attend the April meeting. Satisfaction was expressed at the first issue of a branch newsheet. An inter-branch competition to run parallel with the Columbus Trophy has been arranged with North Otago Branch. A weekend DXpedition is proposed. Competitions: BC Junior to Peter Jackson 5DN, Senior to Graeme Shillito & KICY. SW Winners: Brian Lilley with CBC 5970 & RN-Bonaire. 9765, Denise Shillito with Sweden 9760.

NORTH OTAGO: 10 attended the April meeting for continued discussion on the new branch listening post. Club nights are planned for the second Thursday of the month, the normal meeting on the last Thursday. A Competition was won by Arthur Williams. Next meeting 31 May with film on Sun Flares.

CANTERBURY: The April meeting was attended by 12, with increased DX activity in evidence. During the month a social evening was held with a visit to the cinema. On Easter Monday the Branch participated in a Hobbies Exhibition. Competitions: BC won by KMAN 1350 Craig Crawford, TWR Cyprus Dave Ricquish, 6PR Nick Kendall. Lance Johnston scooped SW with Gambia 4820, Norway 17800.

WELLINGTON: 17 squeezed into Bryan Clark's lounge for a rushed tour around London, the BBC and Radio Nederland and demonstration of the Barlow-Wadley receiver. The rôle of the branch newsletter was discussed at some length. Keith Glover of RA has invited us to prepare a tape for his programme 'Club Forum'. This will be the main feature of the May meeting at 1430hrs on 27th at 30 Burrows Avenue, Karori. Competition results will appear next month.

SOUTHLAND: 10 attended the April meeting at Sutton Burtenshaws. An interview between Arthur Cushen and recent visitor BBC Middle East Correspondent, David McNeil, discussing the role of a radio correspondent and radio reception in the Middle East. The new points system was also discussed. Competitions won by Ray Crawford Kuwait 1133 with merit to Irene Simpson with WBZ. Steven Greenyer won both SW awards with RSA 21520 & Kundiawa 2376.

PACIFIC - ASIAN REPORT

FIJI is to open a third network from Suva using 1570kHz with 500w & special horizontal aerial for best night-time reflection. Lautoka is to be upgraded to 10kw. The 2 SW transmitters of 10kw now are used by Suva 560 & 710, from Naulur where a new 200' radiator has been erected in a swamp for 560 and the 150' mast for 710 has been raised and insulated. Other plans for the future include relocation of the Lautoka transmitters and doubling height of the present 150' mast. The Suva FM service on 90.6MHz with 1kw ERP is to be increased in power. A Nandi-Lautoka FM station is planned for later this year on 94.5MHz with 1kw ERP. via AC

CHEJU ISLAND, SOUTH KOREA: Stop Press news is that HLDA 1570kHz run by FEBC is hoping to begin testing on 15 May with a power of 250kw eventually. No times known as yet but planned to broadcast 11hrs Mandarin, 2hrs Japanese, 1 1/2hrs Russian and 2 to 6hrs in Korean. Thanks to RC.

SOUTH KOREA's KBS now announces as Radio Korea. BC RC Their domestic service in English noted mid Feb. on 600kHz 1400-1430 GMT JSWC

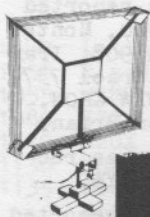
IRAN: 400kw MW transmitters have been commissioned at Ahwas, Qasre Shirin, beamed to cover whole of Arab Middle East. JSWC members note Tabriz 645 at 1800 GMT and Radio Gorgan 1426.5kHz in Farsi at 1805 GMT.

KUWAIT: MW schedule received by RC. 1345 & 539kHz all night 200kw & 150kw respectively. 1130kHz 750kw to s/off 3.35am NZT. 1133kHz 1kw English s/on 430.

TURKEY on 881 is now 600kw and well heard before 7am AC

GUAM FCC has application for second commercial station 570kHz with 5kw NRC

MASIRAH ISLAND: BBC contemplating changes 700 to 890, 1410 to 1260 or 1290 ↗



BROADCAST DX

is alive and well and living in New Zealand! Another bumper crop of contributions, with first class loggings from all continents. Highlighting

the month is Bill Woller who spent Easter at Pongokawa in the Bay of Plenty. He writes: 'Threw about 500 feet of wire along a barberry hedge, no insulators anywhere and the old 680 really went. Managed to get most of the Fijians from 3 in the afternoon. ZNS1 from 4 p.m. till after 7 p.m., R5 and around 12db over 9. ZNS1 announced they are testing on 1050 khz from Grand Bahama. Think I

heard them through XEG around 5 p.m. Also noticed Nice and Monte Carlo good in the early evening over there. Ray Crawford had a lucky Friday 13th with 4VS Haiti logged in French on 1380 khz! Chris Martin, Australia has caught Radio Sutatenza on 810 khz. Well done, as BCB latins are rarely heard across the Tasman. Verified VL2NI? Here's your chance! Craig Crawford has tentatively organised a DX Special from Norfolk Island (1570 khz) scheduled for 8 p.m. NZT on Saturday 2 June. Reports must be accompanied by a prepared card and one IRC, and be addressed to Duty Announcer Toon, Box 80, Norfolk Island. Correct reports which comply with these requirements will receive verifications suitably endorsed. Thanks to Craig and the Canterbury Branch. While George Masson holidays in the hospitable South your mailman is BC.

BILL WOLLER, Opunake (Tornado Town) advises reports have gone out to 3ZA KFAB KOB Israel 757 VOA Kavalla ZNS1 KFYO KSIW and a tentative to Bahamas 1050. Veries are back from 6GF 3ZA KFAB.

ROBIN CHAMBERS, Opunake has reported 6GF HCFA2 HJCU Riga & Srende Kolymsk 575, DYNC. Verie 6GF. Don't forget to take those aerials when moving!

PETER GRENFELL, Oamaru reports KTOM KWFT KSDO and ZNS1 after many months of trying. Verified are Nuie, KNBR. ZNS a notorious non verifier.

CRAIG CRAWFORD, Christchurch has logged ZNS1 KNBR WIBW KUAI KUAI WSM WLS and Gilbert & Ellice 844. QSL's in from KEEN KFBK KFRE KELI VL2NI.

RAY CRAWFORD, Invercargill has a mixed bag this month with reports to 4NA 4MS FEN Okinawa 650 Peking 760 Taiwan 1520 Turkey 1061 Qatar 674 Dushanbe 1295 Bucharest 854 Calcutta 1000 Ahmedabad 850 Beromunster 1562 HJCV 1190 HJFN 950 Haiti 1380, HJKS 1055. Veries in from 2ST KACY KJJJ Peking 940 South Korea 970 Sharjah 1575 Kuwait 1133.

JONATHAN AITCHISON, Dunedin another new contributor has reported 4ZA 2ZD 1XW 2ZA 2ZB 1ZD 1ZB 3ZB 1ZM 2ZC 1ZH 2ZP 4XD 3YW 1XA 1XI. QSL's in from 2ZD 1XW 2ZA 1ZD 1ZB 3ZB 2ZC 2ZP 3YW and 1XI. Welcome.

SUTTON BURTENSHAW, Invercargill has logged QMJP 1190, OAX4A 855, USSR 800, Qatar 674. Veries 5SE 2LT HLKG WUNI WNEU. Who'll be first with WKLE?

ELISABETH HELLYAR, Bulls has them out to 4YA 1XW 1YA 2YA. QSL 1XI. How's the loop? Ladder contest begins next month. Only require total.

TONY MAGON, HMNZS Irirangi, is reaping the rewards of his UK and US trip with QSL's from CBN WKBR WEZE WKBW WOCB CKPM WNCT WWOC WGH WLYN WOKJ WOWO WBT FCFC WCFC WFBL WCSC WVAB CJON WESR WHIL GHSJ WVEG WDEA CKCW WMID WLCY WHDH WWRL CJCB WSPD WSAR WETT CFSX CBI Azores 1394 and 1570.

ALAN CRAWFORD, Invercargill has logged JOWF JOSF RBI 1511 India 1130 BBC Cyprus 719 4QA 5SY KIKI KGU Peking 760 Turkey 1061, Qatar 674 4MS 600 Peking 600 JOUB 770 HLKA 710 Philippines VOA 1140, Kuwait 1133, FEN Okinawa 650, VOA Rhodes 1259 HLKS 1055. Veries in from 5SE and 7LA. Certainly was a good Easter.

JACK FARROW, Lower Hutt has reported 2KO 2SM 2UW 2TM. QSL's from 2GB 2NZ.

MERV BRANKS, Invercargill advises veries from 2FC CKWX 2KA KEYS Fiji 810 640. Logs 3YA KGU 3KZ.

ARTHUR WILLIAMS, Timaru logged over Easter 7SD Tahiti 740 WBAP Munich 1602 HCFA2 940, KRMG (3rd) KMVI 4QD test, Monte Carlo 1466 ZK2ZN 620. QSL's from 4VL KWFT HJKG.

GRAEME SHILLITO, Dunedin has logged XEWE 1420, JOIR JOIK JOHR KWFT (2nd) Fiji 710 RRI 1335 1ZM KNUI Singapore 1370 USSR 935 and 1290. Veries from 1ZU WOW Nuie 620 KICY WVOJ CJVI 2NR KTRB who stated 'Yours is one of the very few we have received from New Zealand. Perhaps my engineer installed some satellites that he did not tell me about when he visited your country last year.'

LANCE JOHNSTON & GAY STEVENS, Christ-church have logged WSB KPOL KWFT KMOX KKIS KABC KYA KING KALI KTRH WSM KPI WBAP CBX KGHT BWB KRLD CKFH XEROK A3Z HCMJ1 HJHJ HJDP HCFA2 OAX4I ZNS1 Nuie 620 VL2NI WXLE VSZ1. Gay has also reported KPOL WSB. Verified KOL KFAB CKLG KNDI KGBS 2WN. Lance also has reports out to KGIL HJVC HJCU and JOWF. QSL's from WUNI KTRH WSM KABC Fiji 710 1470, 2WN. Hope some of those Latins reply !

DAVID RICQUISH, Christchurch has logged 2GO 2XL KGBT WIBW WVOJ ZNS1 HCFA2 540 JOQR. Veries: ZK2ZN VL2NI KYAK (after 18 months) KOMA WIBW, Monte Carlo/Cyprus 1232. Will pass your letter on to George.

JACK SEARLE, Haumoana has reports out to 2YA 2FC 2MG 2NU 2KP 4YZ 4XD 4QS 4QG 4QN 4WK WLS KDAY (3rd) KOB KKON KCCN. Verifications back from 2YA 2NR 2CR. Times unnecessary Jack.

BRYAN CLARK, Wellington has logged XEROK Kuwait 1133 Quazvin 841 Cairo 1 773, 5RM BBC Muscat 701, JOVR CMJG 1270, and KTOM (2nd). QSL's nil

LINDSAY ROBINSON, Invercargill has logged JOWF JOUB WXLE Kuwait 1133 Iraq 908 Turkey 1061, HLKA 710, with QSL's in from KEX 1YC 2YA 3GL Suva 560, 4AK 4GG 4MK.

DEVE LYNNEBERG, spent a few weeks at Taupo resulting in loggings of XEROK Nuie Kuwait 1133 Sharjah KKON KFRC KMJ 5SE CBW WBAP KTOM KISA 1540, KJJJ KCRG 1600 CFRB 1010 JOGB 4MS XET Libya 1124 La Cronica 1320 Adadan -Iran 1160, Qatar 674. Veries JOGB KGW 5SE.

BRIAN WITHERS, Twizel has reported R. Medelino 990, Jordan 800, Monte Carlo/Cyprus 1232, Bagdad 908, Iran 841 Astrakhan 791, 4QG, Israel 737, JOWF JOHR JOSF 7SD Nuie WLW KKON. QSL'd Nuie. Good selection Brian.

GRAEME SIMPSON, Auckland has received QSL's from 1YA 1ZD 1YW.

KEITH ROBINSON, Kapuka has reported 4NA JOSF 5RM KTWO KHAI JOAR 2BE 4ZR 5SE 4QL USSR 1250. Veries 4NA Nuie.

ARTHUR CUSHEN, Invercargill gives reports as 2MW XEROK KVOO KOB Antelya Turkey 881. QSL'd 4WK WLS KFBK.

CHRIS MARTIN, Croydon, N.S.W. has logged HJCY Malaya 570 2BH WSZO SBC 1562. QSL's in from KFRB KKHI WWL KOMO KDKA XEPRS KLAC KOL XELO KHSL WCCO WBBM SBC 1562 and a pennant from XET. They do verify by letter Chris. Congrats on HJCY.

BROADCAST TRAIL

EVENING

560	Suva very good 3	BWO
580	WIBW excellent 8	LJ
590	Cuba excellent 6	BWO
600	HJHJ Libertad good 5.30	LJ
	R. Yanal ? Spanish 16/4.	
	def not Cuba	SB
610	KFRC good 6.43	BC
615	HCMJ1 Ecuador strong 5.45	LJ
620	KWFT 5.55. strong.	several
620	Nuie 7.45 excellent	LJ
635	North Korea in Jap 1025	RCh
650	WSM 5.45 strong	LJ
725	Thai fair 9.05	RCh
735	Latin s/off 6 Who ?	RCh
740	Voice of Prophecy 5.46.??	BC
	KTRH 6.45. strong LJ.off 6 BWO	
	KRMG weather 6.05	BWO
	CBX 6.20 strong	LJ
775	Asian weak 10.20.	RCh
790	KFYO news good 6	BWO
854	OAX4H Full ID 7.38	BC
955	Spanish fair 6.15	RCh
990	R. Medelino, Colombia logged 6.30 mixed KKIS	BW
	XET 6.04 ID and s/off	DL
	CBY ? orchestral after CBW off 7.05	DL
1010	CBR news 7 then off	SB
	Californian ?? off 7.04	SB
1030	RCN Colombian mixed 7.15	BC

1040	Latin thru 4ZB 7	BC	884	Turkey 600kw before 7	5 AC
1050	Mixed ?? with XEG at 5. Bah?	BW	890	Algiers 6.45 fair Suns	DL
1055	HLKS good 7.26. ID's 6	RGr BC	900	8HA in clear Sat morns 7	BW
1080	KSCO good 6.30. News 7 off	SB	1000	AIR Calcutta Eng nx 3.30	RGr
1120	KMOX fair 6	LJ	1061	Turkey 4.30. good	ACr
1130	KSDO fair 6.40 through 2ZM	PG	1160	Iran 5.38. ID	DL
1135	Powerful asian 10.35. Nth Korean ?		1259	Rhodes 5.20 fair	ACr
1190	CMJP R. Surcos	RCh	1290	JOHR good 5.30. Eng pop	BW
1260	KGIL s/off 9	SB	1335	Indonesia excellent 4	RGr
	KYA good 6.35	LJ	1350	JOER 4 strong	ACr RCh
1270	CMJG R. Relogio Nacional 6.38		1400	JOVR until 3ZM on 6	BW
1295	PJD2 fair/weak 10.10	BC	1412	BBC Masirah Eng 5.45	RGr
1320	OAX4I 5.40 Chimes ID Also 4.45	RCh	1439	Luxembourg strong as 12K 7	RGr
1376	Vladivostok fair 9.30	DL	1475	Austria good 7.15	RGr
1380	4VS 4.30. till 5.15. WLCY strong 6.46. WLCY exc news 5	LJ	1511	RBI exc Eng 6.30	Rcr ACr
1385	Spanish mixed WXLE 5.45	RCh	1538	West Germ good 6.15	RGr
1395	Weak ?? 5.35	RGr	1540	KISA 4.15 Island mx mixed Chinese	DL
1430	CKFH strong 6.15. Later KALI	BC	1562	Beromunster fair 6.45	RGr
	KELI good 5.15	BW	1570	East Germany poor 6.30	RGr
1450	KSIW freq and Eq test good 27/4 6.45.	BW			
1457	Class music weak 5.45.-6	BW			
1466	Monte Carlo i/val 4.45 good	BW			
1470	WMBD exc 16/4	SB			
1490	KDB good 6 - 7	BW			
1510	WLAC 6 sports good	BC			
1530	KGBT Sp as Radio Panamericana at 6.	LJ DR DL			
1538	Weak 5.15 Senegal ?	BW			
1540	ZNS exc from 4. Regular 6 - 7	BW Many			
1554	Nice good 5.40.	BW			
1590	Tone test Through Radio I 6.22 23/4	BW			
1600	KCRG 6 ID and off.	DL			

DX FORECAST

MAY

5.p.m. onwards South Americans. From 3.20. later in the month.
 6 to 7. USA.
 9.30 to 10.30. East Coast U.S. Watch for 10.p.m. sign ons.
 10.00. South Americans may peak particularly Colombians.
 From 5.30.a.m. Middle East/North Africa. Kenya sometimes.
 7.00 to 7.45. Europeans.

JUNE

4.30 to 7. US and Mexico.
 8.30 - 9.30.p.m. Pacific peak.
 9.00 - 11.30.p.m. US Central/East/Mex
 10.30. - 11.p.m. Asians/Philippines. (Watch split frequencies)
 4.30.p.m. - 6.p.m. Central America again from 10 to 11.30.p.m.

MORNING

575	Srende Kolymak Majak Interval at 4 strong	RCh
	Riga Kremlin Bells 4	RCh
584	Moscow interval sig 6	BC
593	Russian good 4.05	RCh
600	4MS test before cricket	RGr
611	Russian good 4.05	RCh
620	Peking in Russ exc from 4	RCh
674	Qatar good at 6	ACr RGr
710	HLKA 2.30 off 3	ACr
763	DYNC strong off 4	RCh
764	Baghdad good 4	RCh
770	JOUB 2.30 off 3	ACr
777	Zahedan 5.45	RGr
791	Astrakhan Russian 6-7.15.	BW
841	Iran strong to fade 7.45	BW
850	Ahmedabad news Eng 3.30.	RGr
854	Bucharest fair 5.45	RGr

BEST OF THE

DECISION

PENDING

MONTH

SHORTWAVE MAILBAG with John Mainland

ERIN ARDLEY, Auckland has had another bumper month with 38 loggings and veries from Noumea 3335 Solomons 3995 DW-Werch 7235, Vatican 9645, Ned Bon 9715, NHK 9735, CBC 11860, VOA Phil 11880, Ned Hilversum 11925, Ned Bon 15385, NHK 17745, RSA 21520.

PETER HERMAN, New South Wales has reports out to Tashkent 9600, RA 11945, 9700, RN 9715, Budapest, 15160; 11910 9833, NHK 11875, SBC 11775. QSL's in from Tashkent 9540, DW 11795 RA Shepp 11945, Bucharest 9605 and NHK 11875 with Expo medallion. Sorry you won't be in New Zealand this year. Maybe another time ?

PETER MAURICE, Auckland a new contributor this month has 16 reports out and looks forward to receiving some QSL's. Peter, Mozambique does not use Pidgin English and is not scheduled on 9620 at 2215. Your notes well set out. Writing.

NIGEL ROBINS, Wainuiomata has nine reports out and a good list for Bandwatch. QSL's in from RIAS 6005 Brussels 11870 Malaysia 9660 Tashkent 9540, UN Dixon 5955 RFE 11885 Sweden 11795 Norway 9645 RSA 21520.

GAVIN WATERS, Wellington has reports out to CBC 9625 5970, SBC 4 freqs, RA 11 freqs; Sweden 11940, Israel 11945, Nederland 9715, Bucharest 5 freqs, Moscow 6 freqs; Sofia 9700, Prague 11990, FEBC 21515, Cuba 11910 RSA 15220, Warsaw 9675 Tashkent 15460. Veries in from Warsaw 9675 Budapest 9833 DW 21560 9765, RA Shepp 3 freqs, Lynd 2 freqs; Japan 15235 11875, Ned 9715, Bucharest 15250 11940, RSA 21520, Sweden 15105, SBC 6 freqs, CBC 9625, 5970. Welcome Gavin - a fine effort.

COLIN CAMPBELL, Rotorua has six reports out and QSL's in from RA 4 freqs, and RNE Tenerife 15365.

TOM CHISNALL, Nelson has logged Alotau 3360. No veries to report. Welcome back Tom.

MIKE HIGHLEY, Wellington has four reports out but no veries. Ladder total next month Mike.

JOHN WATSON, Waipawa has logged VOA Dixon 15400 Delano 6185 Tangier 9760, RBI 15270 11785 11890, Voice of Hope 9640, Tirana 6200, Bucharest 15250, VLO4 3995, Seoul 9640, RFE 17805 15210 7115, Canada 9655, TWR Bonaire 11815, ABC Perth 15425, Port 15395 Tashkent 11920, RNE Canary 15365 11800, ORF 11905, SBC 11830, HJZN 11795 (time suspect), Cairo 15085, RN Bonaire 15220, HGJB 9710, RAI 15170. Verifications in from Austria 11725 15145 21705, Canada 21595, Kuwait 9600; Tashkent 9540, Bucharest 9690, Peking 15435 17835, Moscow 9735, Belgium 11875, TWR Bonaire 15270, ZL22 11705, RFE 15125, SBC 9 freqs, NHK 4 freqs, RA Dar 4 freqs, Perth 7180 9665, Lynd 5995, Shepp 4 freqs, VQ04 3995.

JONATHAN AITCHISON, Dunedin in his first contribution to these pages has reports out to Roumania 11940, Sofia 9700, Egypt 9805, USSR 11975, FEBC 11920, Canada 5970, SBC 9590, RA 9560, BBC 7150, Peking 11720, India 11830, Prague 9540, DW 7130. QSL's in from Peking 17830, RNZ 9540 NHK 11875, Poland 9675 Nederland 11730. Good report Jonathan. Am writing.

LANCE JOHNSTON & GAY STEVENS, Ch'Ch have logged 17 with no QSL's. Independently Lance has logged and verified Gambia 4820.

HANS DE JONG, Tasmania has reports mailed to CBC 5980 11945, Bucharest 5990 DW Cologne 6185 VOA Kavala 7295 VOA Tinang 15290, Vienna 11905 17740 NHK 17745. QSL's in from Peking 6320, BBC/UK 7325, VOA Greenville 9590 11850 CBC Sack 9610 ETLF 11810, Bucharest 11940 Jerusalem 11960. Hans, your 11935 is Emissora Nacional Lisbon in Portuguese.

HARRY WEATHERLEY, Victoria has logged Lara 4800, HIN 4910, Colosal 4945, Sante Fe 4965, Continente 5030, Jordan 7155 Nigeria 7255 AFRTS Wash 9700, Moscow 12060, Sri Lanka 11837, KGEI 15280. QSL Israel 11960. Refusal Tunisia 11880. Would appreciate programme details next time Harry.

JOHN MAINLAND, Wellington has four loggings and QSL's in from RSA 17885 RBI 17740 Madrid 9620 SEIT Sines 9670 Athens 21460 Turkish Met 6900 VOH Sines 9640 Jerusalem 9645 Saudi Arabia 11950 Prague 4 freqs Vienna 11870.

HARRY SEARLE, Invercargill has reports out to FEBC Manila 11920 21515 Sweden 11940 Vatican 11705 Ned Bon 11730, AIR 9912, VLT4 4890 VLM4 4920, DW 21560 Popondetta 2468. QSL's in from SBC 21520, RN Bonaire 9715, CBC Montreal 5970 11860 Israel 9009 Hanoi 10040, Popondetta 2468, SBC 9590. Well done Harry. Last month's notes misdirected.

JACK FARROW, Lower Hutt has reports out to RA 11765 15160 17870 BBC 11955 VOA Greenville 9565. QSL's in from Peking 11695 RN Bonaire 11730 Japan 15235. Welcome Jack. Would appreciate times of loggings plus programme note for Bandwatch.

ROSS GIBSON, Christchurch in a welcome return to active DXing has reports out to Athens 21610, HCJB 5990 HISD 5980 Djajapura 6070, Rangoon 5040 Stockholm 21715 Vatican 21485 IBRA 9670. One QSL Athens 21610. Best wishes Ross.

KEITH BARTON, South Australia has logged NSB 9595 Vila 3945 Sweden 11940 Teheran 9022. QSL's from Liberty/Spain 11935 and Stockholm 15105. I enjoyed meeting you and other SA DXers Keith.

ALAN CRAWFORD, Invercargill has logged RA 15355 21740 Cuba 11930 SBC 6165 Israel 9009 BBC 7230 RNZ 9540 Bucharest 9570 BBC 12095 HJAF 4965 BBC 11860 Peking 15435 RN 11730. Veries in from VOA 6190. Locations would help with BBC RA and RN loggings Alan.

LOUISE WASHBON, California in her first report has logged Hilversum 11730, VOP 11950, Reloj 6005, YSS El Salvador 5980; QSL and pennant received from YSS. Louise DXes on a Grundig SW portable.

BRIAN WITHERS, Twizel has reported only Israel 11945. QSL'd Nederland 9770.

TONY MARR, Wellington admits to logging Spanish Sahara 4627. How many countries now Tony ?

TONY KING, Wellington has logged Univ-erso 4880, RRI Ambon 4840, Israel 9009 Morobe 3220.

PHILIP BOLTON, Woodville makes a 7 welcome albeit brief return with a report of French Guiana for Bandwatch.

JILL GRENFELL, Oamaru has 10 loggings with QSL's from Berne 21520 Bucharest 11940 Nederland 11730.

PETER GRENFELL, Oamaru has three loggings and QSL's from TWR 11815, SBC 21520, Oslo 17800, Israel 11960, Paris 25630, Denmark 15165, Kundiawa 2376.

JOHN HILLIER, Masterton has logged four RA's, RNZ 9540, Budapest 9833, FEN Tokyo 6155, Cairo 9805, 2 NHK, 2 RBI, 2 Norway, 2 SBC, CBC 5970, DW 17845, BBC 11955. QSL's in from Norway 17800 and Japan 15195.

BRYAN CLARK, Wellington has four reports out and QSL's from VOA Monrovia 21660, Nigeria Sokoto 6195, Djibouti 4780 (136th SW country), VOA Dixon 21745, XERMX 21705.

LINDSAY ROBINSON, Invercargill has logged 43 stations this month and been rewarded by DW 4 freqs, SIBS 3995 Saigon 9755 Prague 21575 21615, AFRTS 15330, VOA Dixon 17775 Delano 6185 NHK 17845 Israel 11960 HCJB 9710 11715 TWR 11815 CBC 11860 CE959 (two years and a change of management and Gov't) R. Western District 3305 Madang 3260 Chimbu 2375 DUH2 6170.

IAN WELLS, Milton has reported 3 and collected QSL's from DW Werch 9510, Vatican 21485, BBC Tebrau 11750, Israel 9625 RAI 11905.

BILL HUDDLESTON, Auckland has 30 reports out to 26 countries (That's the stuff!) with veries in from RSA 21545 ETLF 11880 Nederland Mad 9715 Norway 9645. Welcome back.

RAY CRAWFORD, Invercargill has put 10 in Bandwatch and gathered QSL's from Sweden 11795 WNYW 11885 UN Green 9565 XERMX 15125 Japan 9560 15235, TWR Bon 15345, VOA Dix 21610, Austria 15185, Canada 15190, RRI Bandung 2420

DENE LYNNBERG, Titahi Bay has 14 out with QSL's from Cameroun 4972.5, Israel 17850 9645 7225.

8
STEVEN GREENYER, Invercargill has 8 loggings and verifications in from RSA 21520, Israel 9009, Noumea 3355, AFRTS Delano 9700, DW Werch 11865, RRI Semerang 3935, Kun diawa 2376, Our May meeting is on the 27th Steven. Telephone me at 768-762 when in Wellington. (JM)

ARTHUR CUSHEN, Invercargill has reported 9 in Bandwatch and received QSL's from Sweden 9745, VOH 9640, TWR Bonaire 9535, 9760, Athens 21460, DW 9765, Vienna 21705, ORU 11770, 4XB31 7220.

CHRIS MACKERELL, Nelson is a 'busy boy' hence only QSL's this month from Vienna 6155, Havana 11760, I Israel 9009, Ghana 4915, Fiji 3230, RN Bonaire 11730. More loggings perhaps in the holidays !

GRAEME SIMPSON, Auckland has a lone verification from RA Shepparton 9570. Thanks Graeme.

JACK SEARLE, Haumoana has 27 reports out and QSL's in from Sweden 9715, RA Perth 7180, Moscow 9810, Athens 21610, RBI 6125, ORTF 9710, Lagos 15185, DW Julich 15275 TWR Bonaire 15295, Israel 11760 Ghana 4915 after a year and three days !

TONY MAGON, HMNZS Irirangi, Waiouru returns to the SW DX scene with a very interesting log on 9575. No veries.

BEST OF THE MONTH

OVER 9 Mhz:
Prague, Czechoslovakia
21615 khz 100kw 94 pts.

UNDER 9 Mhz:
Cameroun 4972.5 khz 4 kw
126 points Dene Lynneberg

Gambia 4820 khz 3.5 kw
126 points
Lance Johnston



RADIO EL HERALDO DE SONORA-MEXICO

A member of the American SW Listeners Club recently made an unscheduled visit to Hermosillo and the SW transmitter of XEBR located there. Surrounded by chickens & cattle the SW antenna consists of an old pipe stuck in the ground with a few strands of wire hanging from it. The transmitter has been on the air since 1936 & presently has 200w 'output', but the owner Luis Hoeffler plans to increase this to 250 watts. Power for the transmitter costs less than \$20 per month. The cost of a short advertisement is 5.5 pesos (44c). According to the Transmitter Supervisor "no one in Mexico listens to SW because radios are too expensive", but reports of reception have been received from Italy and New Zealand. Senor Navarro is the engineer (P.O.Box 68, Hermosillo). Hours of operation are reported to be 1200-0600 on 11820kHz, using slogans "Radio BH" (from MW call XEBH) and "La Pantera del Aire". English idents are occasionally given on the hour. Reception is very good in California at 2115 GMT when BBC is off the air for just 5 minutes! from ASWLC 9/72

A PLUG FOR WOMEN'S LIBERATION!

It has been heard from a good source that Mrs Jill Grenfell has gained 2nd prize in a DX Contest organised by the Halmstad Shortwave Club of Sweden. The contest was held over a period of 7 months and was judged on the correctness of reports, their layout, neatness, & how programme details were reported. Stations taking part were HCJB, WINB, Polish Radio, Radio Japan, Canada and Radio Nederland. A Swedish DXer took first prize, with Jill receiving a Swedish Carving Set & Stamp Collection. We hear that husband Peter could only muster 4th prize - a hand carved wooden Dalta horse. However everything seems to be in harmony in the Grenfell home, and the prizes are a tribute to the efforts they put into the contest.

Anon, Camaru.

ARE YOU ENTERING THE LEAGUE'S 25TH ANNIVERSARY COMPETITION ??????????

SW BANDWATCH

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ALL TIMES GMT FREQUENCIES IN KILOHERTZ

Loggings of interest this month include Tony Marr's Spanish Sahara 4627, reception of French Guiana 4972 with 1kw by 2 other Wellington members. Southland member Arthur Cushen reports IVSD on 6180, while Ray Crawford notes the Voice of meteorology, Ankara, Turkey on 6900. Reception of European signals over the next few months in the higher frequencies (49 to 16 metres) should be best during our daylight hours.

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
2420	1400	INDONESIA RRI Bandung,	fair signals.	<u>RC</u>
3250	1222	INDONESIA RRI Banjarmasin,	fair with Western music. Id 1230.	<u>SG</u>
			Also heard with identification at 1315.	<u>RC</u>
3260	0610	NIGER Niamey	heard in French with African music prgm.	<u>ASWLC</u>
3290	0815	GUYANA Action Radio	opening in English. JM Commercials 0953.	<u>BC</u>
3339	1838	TANZANIA-ZANZIBAR	Radio Zanzibar in Swahili. Fair thru telegraphy	
3380	1840	MALAWI Blantyre	weak-fair level in English.	Both <u>DL</u>
3385	0940	FRENCH GUIANA Cayenne	fair in French, mixed Kabaul.	<u>PB</u>
3390	1345	AFGHANISTAN Kabul	fair with Afghan/Turkish service to 1415.	<u>DL</u>
3935	1151	INDONESIA RRI Semarang	verie in 24 days. Stated they are planning MW operation, but not at the expense of SW.	<u>SG</u>
3945	0615	NEW HEBRIDES	Radio Vila strong. LJ <u>GS</u> 0712 JG PG s/off 0900.	<u>EA</u>
3960	0500	WEST GERMANY RFE	excellent with Polish music. (Biblis 20kw)	<u>MH</u>
4627	0700	SPANISH SAHARA	Radio Sahara opening with time signals, then news. Fair, peaking around 0715. (According to Swedish Radio Club this is a point-to-point station linking El Aaiun & Villa Cisneros. NASWA & other clubs are treating it as a legitimate SW broadcaster.)	<u>TM</u> <u>BC</u>
4679	0530	ECUADOR Radio Nacional	Espejo. JS. Excellent 0600, many ids.	<u>DL</u>
4765	0500	CONGO Brazzaville	with French news, fair. Fade out 0600.	<u>JS</u>
4796	0430	BOLIVIA Radio Nuevo America	VG to s/off 0500.	<u>DL</u>
4800	0555	ECUADOR Radio Popular	de Independiente with many ids to s/off 0602, Fair. x4807.	<u>DL</u>
4800	1000	VENEZUELA Radio Lara	s/on with full ident. Also noted 2151 via long route across Africa.	<u>KB</u>
4820	1840	GAMBIA Radio Gambia	with good signals. A quick verifier.	<u>LJ</u>
4825	0600	ECUADOR HCAV3 Loja	noted until s/off 0605.	<u>AC</u>
4830	0923	INDONESIA RRI Pinang,	fair with music prgm. Station id 0930.	<u>NR</u>
4839	1815	ZAIKE Radio Bukavu	in vernaculars. JM 1847 in French, fair.	<u>DL</u>
4915	1818	KENYA Voice of Kenya,	excellent in Swahili.	<u>BH</u>
4932	1300	INDONESIA RRI Surakarta	at good level.	<u>RC</u>
4940	1000	VENEZUELA Radio Yaracuy	with music. Frequent ids in Spanish.	<u>NR</u>
4940	0605	IVORY COAST	good signal.	<u>GS</u> <u>LJ</u>
4945	0800	COLOMBIA Radio Colossal.	Good with 'Serenata Colossal'.	<u>NR</u>
4972	0922	FRENCH GUIANA Cayenne	fair in French. <u>DL</u> Noted to 0940.	<u>JM</u>
4995	0650	PERU OAZ4C Radio Andina,	fair.	<u>LJ</u> <u>GS</u>
5047	0530	TOGO strong in French	LJ <u>GS</u> S/on with Anthem & French News.	<u>NR</u>
5050	0600	ALBANIA Tirana	with Home Service in Albanian, good. x5063.	<u>DL</u>
5560	1150	INDONESIA Radio Pemerintah	udara kabuptan, Surabaya.	<u>JSWC</u>
5990	2000	GREAT BRITAIN BBC	Russian Service excellent at s/on.	<u>RC</u>
6030	0515	FRANCE ORTF Paris	with English news to Africa.	<u>IW</u> <u>SG</u> <u>AC</u>

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FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITS
6040	1400	UZBEK S.S.R.	Radio Tashkent good in English.	JW
6050	2028	ITALY	Rome fair to good. JW Concluding in English 2045.	RC
6060	0430	ROUMANIA	Bucharest in English to North America // 5990. Both EA	EA
6115	0418	COLOMBIA	HJIE La Voz de Llano in Spanish. Also 0950hrs. ASWLC	EA
6155	0415	ROUMANIA	Bucharest, English thru severe het. JS Good. EA. Fair. PM	EA
6160	2100	GREECE	VOA Kavala with English programme.	AC
6175	1015	MALAYSIA	Radio Malaysia fair in English.	BH
6175	0415	HUNGARY	Radio Budapest in English to North America.	BH
6180	1004	VENEZUELA	YVSD Radio Turismo, Valera s/on with anthem.	AC
6195	0430	TUNISIA	RTT Tunis scheduled 0430-0600, 1700-2300 in Arabic. 11900 used 0600-1700. Schedule supplied by HW.	
6900	1800	TURKEY	Meteorological Radio at fair strength.	RC
7095	2000	PAKISTAN	Karachi commenced World-wide Service with 250kw on 21 April. UK Service in // 7340, 9468, 9575 & 11672. SCDX	RC
7105	2102	WEST GERMANY	DW Cologne thru severe QRM from Madrid.	JS
7125	0515	GUINEA	Radio Nationale, Conakry in French. Music to 0545. ASWLC	JS
7185	1845	EAST GERMANY	RBI European Service in English, under Moscow. BC	BC
7190	0950	INDONESIA	RRI Djajapura with music // 6070. Both good.	NR
7215	2105	INDIA	AIR good in English to Europe.	
7260	2045	INDIA	AIR Delhi // 9912, 11740. BH 2200 News to A/NZ.	RC
7290	0720	MONACO	TWR Monte Carlo fair in English.	EA
7300	0430	ALBANIA	Tirana very strong in English to 0500.	JS
7300	1830	EAST GERMANY	RBI Berlin fair in English to Europe.	BH
9023	2000	IRAN	Radio Teheran in English. See STATION OF THE MONTH. BC	KBNR
9505	1025	DOMINICAN REPUBLIC	Radio TV Dominicana fair at opening. JM	NR
9515	1200	NORTH KOREA	Radio Pyongyang, fair in English.	EA
9520	0740	PAPUA/NEW GUINEA	Port Moresby exc. to s/off 0800.	MH
9575	1015	GREENLAND	Heard 17/3 only. Weak, identified by interval sig. TMa	EA
9575	1030	NETHERLANDS	ANTILLES TWR with German, then Spanish. Anncd 9555NR	NR
9580	0850	PHILIPPINES	'Radio Philipinas' JS 0941 Poor IW 1000 NR EA PG	EA
9595	0830	JAPAN	JO3 fair. English lessons 1045. Some QRM.	JS
9600	1630	KUWAIT	opening in English to India, Pakistan. JM BH // 15415. JW	JW
9615	0130	UNITED STATES	KGEL San Francisco in Spanish, new frequency ASWLC	ASWLC
9620	1100	SOUTH VIETNAM	VTVN fair with chimes, news on the hour.	SG
9640	1130	SOUTH KOREA	Radio Korea HLK5 good in English.	PM
9645	0200	NORWAY	Oslo in English, Mondays only.	BH
9655	0700	CANADA	KCI Montreal good in English to Africa.	BC
9660	0800	TAIWAN	BCC with Thai or Viet music, mixed with ABC.	MH
9690	0430	ROUMANIA	Bucharest, best freq. in English // 11730. Both EA	EA
9705	0443	MEXICO	XERMX fair until 0500 when blocked by VOA.	MH
9710	2200	ITALY	RAI Rome strong signal in English.	JG
9765	1930	WEST GERMANY	Deutsche Welle in English // 11785.	BH
9760	0320	USSR	Radio Moscow fair in English to USA.	JS
9805	2240	EGYPT	Cairo with strong signals.	LJ
9833	0415	HUNGARY	Budapest good, but overmodulated speech makes reception difficult. GW (may be relay thru Berlin. JM)	GS
11705	0500	ISRAEL	with English news till 0515 then French. AC DL NR	NR
11710	0700	NEW CALEDONIA	Noumea // 3355 in the evenings.	MH
11730	0640	NETH. ANTILLES	RN via Bonaire good with DX Jukebox, Thursday. PM	PM
11770	0630	MOROCCO	United Nations via Tangiers, news in various langs. JS	JS
11785	0215	EAST GERMANY	RBI good in Spanish. JS 0520 good in Arabic. NR	NR
11795	2130	AUSTRALIA	RA-Darwin opens in Vietnamese after English Id. CC	CC
11855	0720	CZECHOSLOVAKIA	Prague fair in English to Aust/NZ.	PM
11725	0330	AUSTRIA	Vienna good in English with 'Report from Austria'. NR	NR
11855	0630	MONACO	TWR callsign & s/on for Russian? prgm. QRM Paris. NR	NR
11870	1315	SWITZERLAND	SBC Berne good with English to Asia. EA	EA
11875	1500	GREECE	VOA Kavala with English transmitter ident, then Hindi JM	JM
11880	0105	ARGENTINA	LRS fair with ident 'Radio Splendid, Buenos Aires' 2 days later channel occupied by Radio Moscow. JS	JS

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITIALS
11900	0330	UKRAINIAN SSR	Radio Kiev with fair signals.	JG
11900	1400	UZBEK SSR	Radio Tashkent with English news.	AC
11920	1300	MONACO TWR	Monte Carlo good with Russian service.	EA
11925	1200	UZBEK SSR	Tashkent excellent in English //15460 poor, 15115 fair and 11730 not heard. GW Fair in English.	BH
11945	0500	ISRAEL	Jerusalem strong with English news. BW DL GW Good	NR CC
11955	1830	LEBANON	Radio Beirut with English programme.	AC
11985	0700	ALBANIA	Radio Tirana good in English.	PM JG
12060	1100	USSR	Radio Moscow excellent with 2 hours English to Aust/NZ	GW
12100V	2140	CLANDESTINE	'Aqui Radio Euzkadi, La Voz de la Resistencia Basque', good in Spanish to s/off 2157.	NR
15125	0345	MEXICO XERMX	Spanish to s/off 0400. Reactivated frequency.	JS
15150	0800	NORTH KOREA	Radio Pyongyang poor in English to Asia.	BH JG
15160	0800	SOUTH AFRICA	Radio RSA sked here weekdays(except Sun.) to NZ.	
15165	2000	ISRAEL	Jerusalem fair in English. Another new frequency.	DL
15180	0700	USSR	Radio Moscow with English to North America.	MH
15300	1200	JAPAN NHK	with General Service in English.	JW
15335	0900	SOUTH KOREA	Seoul good in English //9640 BH 0915 Fair.	EA
15345	2117	NORWAY	Oslo in Norwegian until 2230.	MH
15455	1230	BANGLADESH	Dacca Fair-good in English. DL News //17690	Both EA
15520	0120	BANGLADESH	Radio Bangladesh very strong.	LJ GS
17740	0800	PHILIPPINES	VOA Relay in Russian, fair // 17765 Excellent	Both EA
17860	0000	MALAYSIA	BBC Far East Relay fair in English.	JS
17890	0200	TAIWAN	Taipei with poor reception in English.	PM
17935	0200	PAKISTAN	Karachi opening to N.America. Fair signal.	GW
21460	0015	UNITED STATES	VOA Delano strong in English.	LJGS
21500	2300	UNITED STATES	AFRTS Delano at poor level.	JS
21515	2345	PHILIPPINES	FEBC fair with gospel prgms GW 0828 Good.	JG
21695	0000	UNITED STATES	VOA Dixon Strong in English to Far East.	LJ GS

BANDWATCH CONTRIBUTORS: HW Harry Weatherly DL Dene Lynneberg

BW Brian Withers	BH Bill Huddleston	GS Gay Stevens	PB Philip Bolton
JG Jill Grenfell	RC Ray Crawford	JS Jack Searle	IW Ian Wells
PG Peter Grenfell	LJ Lance Johnston	TM Tony Marr	TMA Tony Magon
JW John Watson	SG Steven Greenyer	KB Keith Barton	AC Arthur Cushen
JM John Mainland	PM Peter Maurice	BC Bryan Clark	MH Mike Highley
GC Colin Campbell	GW Gavin Waters	EA Erin Ardley	NR Nigel Robins

Sweden Calling DXers Japan SW Club American SW Listeners Club

HOW TO LISTEN TO THE WORLD

The 27th edition now on hand is selling rapidly. Price: \$5.50. Brochure available.

World radio-tv handbook

WORLD RADIO BULLETIN

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This fortnightly bulletin of 8 pages is now published in Scotland. Sub. \$6 airmail for 26 issues. Sample brochure available.

ARTHUR CUSHEN 212 Earn St. Invercargill

SHORTWAVE SURVEY

Our third shortwave survey is contributed by Chris Davis of Featherston in the Wairarapa, and highlights the Latin Americas. Chris is undoubtedly the Leagues' keenest listener to this continent, as evidenced by the following observations made during April. This and subsequent months will see Latins at their best, so how about listening in?

For the Survey Chris used a hallicrafters SX122A and 2x125 metre longwires, 7 metres high and beamed (a) to Central/South America & (b) Chile/Argentina.

ARGENTINA

- 5985 1130 R. Splendid, Buenos Aires. programme of tango music.
6060 0855 R. Nacional has march music till s/on 0900. mixed radio Moscow.

BOLIVIA

- 4875 1000 La Cruz del Sur, La Paz signs on at this time.
4795 0400 R. Nueva America, La Paz heard with popular music.
5965 1030 R. Nacional Huanuni with news at 1045.

BRAZIL

- 4845 0830 R. Difusora Teresina, Teresina with Brazilian music programme.
4355 0845 R. Difusora Taubate, Taubate noted with Brazilian music.
4875 0500 R. Jornal do Brasil, Rio de Janeiro with local songs.
4905 0600 R. Relogio, Rio. Time pips & announcements with commercials.
4995 0600 R. Brasil Central, Goiania extended sked to s/off 0645.
5965 0800 R. Guaiba, Porto Alegre s/on then Brazilian music.
5975 1000 R. Guaraja, Florianopolis mixed with R. Nacional Bolivia.
6025 0800 R. Piratininga, Sao Paulo with sign/on.
6065 0700 R. Nacional, Brasilia with mixed songs and music.
6095 0830 R. Difusora, Sao paulo with music programme.
6135 0830 R. Gaucha, Porto Alegre, Brazilian music.
6175 0830 R. Guarani, Belo Horizonte with music, commercials & announcements.
6185 0630 R. Bandeirantes, Sao paulo. Music and announcements.

CHILE

- 6135 1145 R. Universidad de Concepcion. Music till s/on 1200.
6190 0530 R. Corporacion, Santiago with news.

COLOMBIA

- 4755 0630 Emisora Nuevo Mundo, Bogota with music.
4865 0600 Voz del Cinaruco, Arauca. Part of CARACOL network.
4945 0445 R. Colosal, Neiva, TOLEDAR network with Colombian music.
4955 0430 R. Nacional, Bogota heard at this time.
4965 0430 R. Santa Fe, bogota with news.
5075 0900 R. Sutatenza, Bogota s/on in parallel to 6075.
6040 1120 Voz del Tolima, Ibague. TOLEDAR network.
6065 1000 R. Super, Bogota, songs & music. Frequent announcements.
6095 0930 La Voz del Central, Espinal. Mixed with Brazil.
6105 1100 R. Vision, Medellin. CARACOL network news.
6140 0700 R. El Sol, Cali with Colombian music.
6160 0700 Emisora Nueva Granada, Bogota. RON (Radio Cadena Nacional) network.

COSTA RICA

- 4832 0345 Radio Capital, San Jose. At times relays music festivals.
6006 0900 R. Reloj, San Jose with music. News at 1100.

DOMINICAN REPUBLIC

- 4880 0600 R. Comercial, Santo Domingo with indigenous music.
4930 0530 R. Mil. Not always possible to hear this station.
5010 0530 R. Cristal, Santo Domingo has music till 0600, then news.
5975 1025 R. TV Dominicana, Santo Domingo s/on with first few notes of National Anthem by piano. Music to 1100 then news. Also good 9505.
4910 0815 R. HIN with English announcement: "You're listening to HIN radio from Santo Domingo, Dominican Republic. We are broadcasting from 1220kHz in the medium wave, 91.1 MHz FM & 4910kHz in the 60 metre international shortwave band. We would be highly pleased to hear from you. Write us, to P.O. Box 1220, Santo Domingo."

ECUADOR

- 3325 0440 Ondas Quevedanas, Quevedo with Ecuadorian songs.
 3378 1130 Radio Iris, Esmeraldas with songs.
 3390 0430 R. Zaracay, Santo Domingo de los Colorados.
 4680 0530 R. Nacional Espejo, Quito heard with music.
 4765 0350 CRE, Guayaquil with news. Sign/off 0400.
 4800 0430 R. Popular Independiente, Cuenca, till s/off 0655. (4807 in WRTH)
 4825 0400 R. Luz y Vida, Loja. Ecuadorian songs. S/off 0530.
 4820 1000 R. Paz y Bien, Ambato answers listeners' letters with music.
 4910 0430 Emisora Gran Colombia, Quito. Network call and news.
 4940 0430 Radiofusora Nacional del Ecuador, Quito until s/off 0500.

EL SALVADOR

- 5980 1200 R. Nacional de Salvador, s/on with light music.

HONDURAS

- 4780 1020 R. Juticalpa with announcements and music.
 4920 0430 R. Progreso, El Progreso. Pop & Latin American music.
 5875 1100 Voz de Honduras, Tegucigalpa.

PARAGUAY

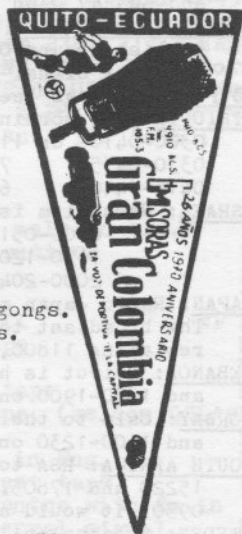
- 6015 0945 Emisoras Paraguay, Asuncion. Paraguayan songs & music.

PERU

- 3320 0500 R. Estrella del Sur, Canete noted at s/off.
 4785 0530 R. Atlantida, Iquitos with music.
 4895 0430 R. Chanchamayo, La Merced with Indian music.
 4995 0415 R. Andina, Huancayo with Indian music & songs.
 4975 0430 R. del Pacifico, Lima heard with s/off.
 5010 0455 R. Eco, Iquitos signing off.
 5040 0400 R. Libertad de Junin with Indian music.
 5950 1130 R. Arequipa, Arequipa. Peruvian songs.
 5970 1100 R. El Sol, Lima with Indian music.
 6082 1110 R. Nacional, Lima with programme of music.
 6115 1100 R. Union, Lima. Peruvian music.

VENEZUELA

- 4770 1005 R. Bolivar, Ciudad Bolivar. News with frequent songs.
 4800 0345 R. Lara, Barquisimeto with songs and commercials.
 4810 1020 R. Popular, Maracaibo with Venezuelan songs.
 4830 0955 R. Tachira, San Cristobal s/on then music.
 4860 0900 R. Maracaibo, s/on then Venezuelan music.
 4880 1000 R. Universo, Barquisimeto with sign/on.
 4940 1000 R. Yaracuy, San Felipe heard signing on.
 4970 0345 R. Rumbos, Caracas until s/off 0500.
 4980 1000 Ecos del Torbes, San Cristobal at s/on.
 4990 1000 R. Barquisimeto with s/on. Also noted 0345.
 5030 0430 R. Continente, Caracas to s/off 0500. Also s/on 0930.

MEDIUM WAVE MYSTERY SOLVED!

Bryan Clark has on two recent mornings noted 2CH Sydney with news at 6am on 1550kHz! No logical explanation fitted until a note from Brian Withers of Twizel provided the solution. Until a direct link begins this month 3ZO Twizel 1550kHz has received 3ZC Timaru 1170 on a 2000 metre long aerial for rebroadcast. Besides 2CH at excellent level, Twizel listeners can hear NVOO(1170) on 1555 and KSL(1160) mixed with 3ZO/3ZC!

WANTED!

Photographs are required for a photo-history of the League that is proposed for the 25th anniversary issue of the NZ DX Times in September. Every care will be taken with all items received and their return is promised. Send yours to Box 2956, Wellington, & don't forget to identify the event and personalities featured.

Thanks. BC

14 ARTHUR CUSHEN'S SHORTWAVE REVIEW

On May 6th, most international stations changed their frequencies in order to provide a better service during our winter months and this has resulted in a new transmission from Austrian Radio. Following our representations to Vienna when the transmissions were 0400-0700 & 1200-1700, a new transmission from 0700-0900 is now on the air. Many other changes are listed for broadcasts to this area. All times are GMT, all frequencies in kiloHertz.

AUSTRIA: Vienna has the following new frequencies in use from May 6th.

0000-0200 GMT	11960kHz	replaces	15240kHz.
0200-0400	9655	"	11725
0400-0700	21705	"	17740
0700-0900	17850	(new transmission)	
1900-2100	15400kHz	replaces	17730kHz.

CANADA: CBC Montreal is now using a new frequency of 11825 in several services.

From 0655 to 0800 11825 replaces 11935 & 6125. 1217-1343 11825 replaces 11720. The South Pacific service is now 0830-0926 daily except Saturday and Sunday when signoff is 0931. Frequencies remain 5970 & 9625.

DOMINICAN REPUBLIC: HIN on 4910 continues to be heard asking for reports in English around 0800. Radio Dominicana 5970 signs on at 1025 with a piano interval signal and programming from 1030.

EGYPT: Cairo has been heard on 21465 at 1100 GMT.

ETHIOPIA: The morning schedule (GMT) from ETLF is as follows:-

0300-0410	on 11795kHz	0430-0555	on 15250kHz
0330-0435	7165	0445-0525	11800
0415-0440	6065	0530-0610	11890

ISRAEL: Jerusalem is now heard with 3 transmissions in English, as follows:-

0500-0515 GMT	9009, 11705, 11945kHz.
1130-1200	17850, 15375, 11705.
2000-2045	9009, 9625, 9785, 11760, 15165. (new service)

JAPAN: Radio Japan made only one change in its regional services on May 6th.

The broadcast to Eastern North America 2345-0045 is now on 17825kHz, replacing 11800, and on 15445.

LEBANON: Beirut is heard well in two English transmissions: 0230-0300 on 9550 and 1830-1900 on 11955kHz.

NORWAY: Oslo to the Pacific area 0700-0830 is now using 11850, 15345, 21730 and 1100-1230 on 15175, 21655, 21730 and 25900kHz.

SOUTH AFRICA: RSA to NZ and Australia is now using 15160 daily except Sunday, 15220 and 17805. The service to NZ is 0756-0850 and to Australia 0856-0950. It would appear that 15160 will suffer interference from Melbourne.

SWEDEN: Stockholms' new frequencies are:-

1230-1330 GMT	17815	replacing	15105kHz.	2015-2115	11970	replaces	9715
1600-1700	15240	"	11930	0000-0230	11955	"	6150
1830-1930	11790	"	11705	0300-0430	11705	"	9715

VENEZUELA: YVSD Radio Tinosora, Valera 6180kHz opens at 1004 GMT.

STATION OF THE MONTH



RADIO IRAN رادیو ایران

First up in this new feature for less experienced SWL's is The Voice of Iran, which is presently heard with fair-good reception in English at 2000-2026 GMT on 9023kHz. Peking 9020 gives moderate interference except, strangely enough, on Sunday mornings NZT when Iran usually dominates. Following 10 minutes news & comment, transmission is completed with indigenous music and English pops. Speech seems over modulated.

Lately Iran has been verifying with a card in 4-8 weeks by registered airmail, with an IRC sent to help. Address announced as Voice of Iran, Foreign Programs Dept., P. O. Box 33-200, Teheran, Iran.

UTILITY DXING

with Bill Pearson

Well chaps no Ute page last month due to lack of support. This month the support is no better so this may possibly be the last Ute page to appear unless I've some notes to print in two months time. 15

Richard Walshe, Wainuiomata, has one report to each of WWVH 2500 and 20000. Verifications from 9KT33 (Kuwait PTT) 14833; Athinaí Radio 13168.5; CHU 7335; Thanks for support Richard. Keep it up.
 Dene Lynneberg, Titahi Bay, reports that the postie has been on strike, as no veries have been left. Guess you have to write a report to get a QSL.
 Bill Pearson, Wellington, Cayenne FZB98 9340 0735; O.T.C. Sydney 4020 1020; MLU Gibraltar 9032 0705; Athinaí Radio 4423 1845; Italcable (IRF40) 8037 1930; USCG San Francisco 4385 0939, 2182 1042; USCG Galveston 2182 1121, 2670 1122; Netherlands PTT 7940 0612; W.Samoa P.Office 5750 0815; NPG 9277 0554; ZLHD Napier 2045; ZLPR Cape Reinga 2182 2196; ZLBW Lyttelton; ZLNQ Pt.Charles 2045; ZLNI Nelson 2045; ZLHT Tauranga 2045; ZLNF Awanui 2045; ZLES Tairaroa Heads 2182; N.Z.Volunteer Coastguard 2123; ZKIP 2090; ZLVH Picton 2162 2182; Marsden Point 2182; Brother Lighthouse 2182 2196; Mana Cruising Club 2090; VIB Brisbane 4136.2; VJZ Rabaul P&NG 4136.2; Anchorage Volmet 3905 0325; Verifications from Netherlands PTT 7940; USCG San Francisco 4385, 2182; ZKIP 2090; O.T.C. Sydney 4020; ZLHD; ZLPR; Marsden Pt; Volunteer Coastguard 2123; ATTC New York 7765; Netherlands PTT 14965;

UTE TRAIL

4020	24 hrs	O.T.C. Sydney with Ionispheric Tests. male in a.m.	WP
5696	0925	Miami Coastguard in SSB with various cutters	WP
7635	0809	FZ076 Tahiti in French	KB
9345	1000	ATTC New York with test tape	WP
9928	0700	FZ099 Tahiti with Eng/Fr test tape call	WP KB
10193	1920	F2M New Caledonia with Eng/Fr test tape	KB
10250	2027	CLA76 Cuba, with Span/Eng test tape	KB
10348	0450	Warsaw, Poland (SOK23) with Eng test tape	KB
10420	0900	Antelco, Paraguay with Eng/Sp test tape, (seldom QSL's WP	
10523	1815	AEZ U.S. Army, Ethiopia in Eng.	KB
11425	0500	Warsaw, Poland (SOL34) with test tape in Eng.	KB
11475	0645	TN44 Congo Rep. PCR with Eng/French test tape	KB
13696	1131	China, Shanghai Inter. Radio Commun, Centre with fm in Chinese, Eng, French and R.Peking interval signal.	DL
143675	0500	Maurtania PTT in French.	KB
14395	2152	O.T.C. Port Moresby, Papua & New Guinea in English.	KB
14455	0540	7QR55, Malawi in English.	KB
14576	1000	Antelco, Paraguay, with Engl/Spanish test tape	WP
14605	0935	Embratel, Brazil with Eng/Fr fm, male in Port.	WP

Keith Barton, South Australia, reports that Awarua Radio using ZLB4 3504, ZLB5 12740, ZLB7 22533, will verify correct reports send direct to transmitter station at Awarua. Keith also points out that the British P.O. are sending out a large card with a map of the world. (Thanks for Trail items)
REMEMBER CHAPS, UTE PAGES IN JULY, NOTES PERMITTING, NOTES PERMITTING.

Sydney Radio, (Estern Terminal) Ship to shore station uses frequencies of 2056, 4371, 4390.2, 8757.5, 3789.6, 13112.5, 13126.5, 17265.5, 17314.5, 22643, 22685. All are A3B except 2056 which is coventional a.m.
 Perth Radio uses 2056, 3744.5, 13147.5, 17307.5, 22657. all 10 k.w.in A3B in A3A (5 kw) 4428.6, 17307.5, 8792.8, 3744.8, 13147.5, 22657.

New Zealand Radio DX League

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EDITORIAL OFFICE

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..sign-off.

RADIO ZAMBIA has just started regular external transmissions for Southern Africa, according to Richard Ginbey of South Africa (formerly with 1KW)

RADIO SWEDEN advises that tests from another new 500kw SW transmitter at Horby can be expected in the next few months.

TRANS WORLD RADIO is hopeful for a construction permit for their new station in Swaziland.

RADIO RSA is to initiate overseas services in English to the Far East & Spanish/Portuguese to Latin America.

PEACE RADIO. Further to March details the radio ship left New York on 16/3 and broadcast offshore for a period on 1540kHz. After a stormy Atlantic crossing they put into Marseilles on 20/4 for repairs. The vessel is to anchor 4 miles off Famagusta, Cyprus & promote a Middle East peace settlement in English, Hebrew & Arabic. Organiser is Abie Nathan, who some years ago promoted a peace plan in Cairo. SCDX

KBS SOUTH KOREA has become an independent organisation and is renamed Korean Broadcasting Corporation. JSWC

ANTIGUA's BBC/Deutsche Welle Relay (see April 'Sign-off') will include a mediumwave & 3 250kw shortwave transmitters. Completion 1974. JSWC

BUY & SELL

WANTED: Back copies of the DX Times needed to complete a binder, January February & March 1970, February April 1971, January & July 1972. Write to Gary Blaney, 17 Rentons Rd, Mosgiel.

FOR SALE: CODAR Multi-band radio with plug-in coils, 6 transistors. \$25 Write to Paul Frost, 286 Otum-oetai Road, Tauranga.

NASWA FLASHSHEET. The North American SW Association is offering its Flash-sheet (1 or 2 issues monthly) to interested non-members via airmail for 2 IRC's per issue. This is a double-sided A4 sheet crammed with the very latest DX tips & news of shortwave broadcast stations. Send your 2 IRC's to NASWA-FLASHSHEET, P.O.Box 8452, South Charleston, West Virginia 25303, USA. We recommend this to all serious DXers! Thankyou Dan Ferguson, Al Wibleck & NASWA.

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

