



NEW ZEALAND DX TIMES

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VOLUME 27 No. 4

DECEMBER 1974

CHRISTMAS GREETINGS AND BEST WISHES FOR 1975
TO ALL LEAGUE MEMBERS AND OUR ASSOCIATED
CLUBS THROUGHOUT THE WORLD!

BOX 2956 DX HANDICAPPED AID YEAR

With 1974 drawing to a close it is heartening to hear of North Otago Branch's recent visit to the local Paraplegic & Disabled Person's Association in Oamaru, to talk about the hobby of DXing. The meeting was a great success and culminated with all present compiling a reception report on DX Jukebox from Radio Nederland. Our thanks to League members Ted Sutton, Alastair Stewart, Trevor Herron, Muriel Bloxham and Peter Grenfell for a fine effort!

UTILITY UPDATE. In the October 'Times', Sinclair Bennett of Christchurch reported hearing beacon SFI on 192kHz long wave, but its identity has been a mystery until now. From member Ralph Sanserino of California comes advice that it was a very good DX catch - San Francisco International Airport Beacon. Good work Sinclair and thanks Ralph!

AUSTRALIAN SPECIALS. Winner of 3NE Wangaratta's special contest organised by North Otago Branch was a relative newcomer to DXing, Mark Nicholls of Taupo. Congratulations! Contrary to last month's comments 2LN Deniliquin did call the League on 28 October at 1215 GMT although conditions were too bad for reasonable reception.

EXPEDITION TO WAIHEKE ISLAND is planned during the coming holiday period. Interested persons should contact Deryk Duffy, 57 Chorley Avenue, Auckland 8, as soon as possible.

LATE AGAIN! We are still receiving contributions postmarked Wednesday for a Wednesday deadline. Any letters received after Wednesday cannot be guaranteed publication as preparation of copy begins on Wednesday night.

ENQUIRIES. Bill Huddleston, your question answered on page 7 of August 'Times'. Norman Clover, by a ghastly oversight you've been omitted from SW ladder. I will advise Adcom.

CONTINUED OVER

LATER CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 8 JANUARY 1975
ALL CONTRIBUTIONS TO BOX 2956, WELLINGTON. HAPPY CHRISTMAS!



FROM THE BRANCHES 2

SOUTHLAND. November meeting held at Irene Simpson's with 13 present. Discussion centred around a branch listening post offered by NZ Aluminium Smelters, at a site 9 miles from Tiwai in a noise free location. A branch committee of Ray Crawford and Wyn Machon will supervise the venture. A report from the competitions committee for a rule change resulted in much discussion before the recommendations were carried. Competitions: MW Americas-Merv Branks and YVKZ 1050, Rest of World-Arthur Cushen with Ethiopia 944. SW Over 9-Radio RSA 11900 Eric McIntosh, Under 9-Steven Greenyer and AFAN McMurdo 6012 1kw.

OTAGO. The final meeting for 1974 was held at 28 Thomson Street with 6 present. It was proposed to hold an auction in early February. Next meeting will be held at the Shack on the last Thursday in January. Competitions: BC Over 1050-Ahwaz 1390 F.Garden, Under 1050-CMW 590 J.Aitchison, SW Over 9-DW 9640 L.Andrewes, Under 9-BBC 3952 F.Garden, J.Aitchison, G.Shillito.

CANTERBURY. The November meeting was held at the Robsons. Some interesting loggings were noted during DX chat. David Ricquish told about transmissions from Radio Rhema. Next meeting will be at Andrew Mitchells. Competitions: BC Nth Am- KYXI 1520 Alan Robson, Aust/NZ- 2NX 1360 Andrew Mitchell, Open- VOA Rhodes 1259 Alan Robson. SW Over 9- Denmark 15165 Alan Robson, Under 9- Radio Reyes CF109 Murray Robson.

WELLINGTON. The November meeting was held at Jack Farrow's with 6 present, including visitor Paul Rawdon. Tony King spoke about the recent visit of U.S. League member George McKay and outlined events organised for the DXcursion to Australia, following his preparatory visit. Competitions: SW senior: John Mainland with Austria 15155 & Congo 6115, SW Junior: Jack Farrow with Vatican 11845 and Fort Moresby 4890. A pre-Christmas gathering will be held 12 Dec.

BOX 2956
CONTINUED

LADDER COMPETITION. The League's six-monthly ladder competition is undoubtedly one of the world's most popular DX championships having very few parallels in overseas DX clubs. This popularity is reflected in the increasing number of participants, so much so, that it may be necessary to require more regular participation to guarantee one's place on the ladder, as space limitations restrict the feature to one page. Our congratulations to this periods section winners and also to those who have graduated to higher categories. Special welcome back is extended to Barry Williams and Dallas McKenzie. Thanks to everyone for participating in the extended ladder with the addition of countries verified totals too! Just a reminder however - ladder entries must be on a separate piece of paper to your other contributions.

SPEEDX, P.O.Box E, Elsinore, California 92330, USA have produced a fine aid to the DX hobby in the form of a 12 page offset publication, entitled "Sunset Sunrise Times for over 200 Countries Worldwide" by Don Johnson. As you know, low frequencies require a darkness path between transmitter and receiver, while the higher frequencies generally require a full daylight path, so this booklet enables one to determine the most likely time to tune in for a station. An airmail copy is yours for just 6 IRC's. Write to Don at the above address and let him know the NZ DX Times sent you! per Ralph Sanserino.

GEORGE MCKAY, an NZRDXL member from Pomona, California recently visited NZ on a business and pleasure trip, and with his wife Judy, met League members in Invercargill and Wellington. In Wellington George called on AWA who manufacture high fidelity AM tuners for export to George's company McKay Dymek, and resale in the United States. George considers the AM3 tuner to be without equal in his country and this is supported by healthy sales, mainly within the broadcasting industry, who use the receiver for monitoring, off-air rebroadcasting and 'quality control' of their own signals. Of special interest to the DXer is another McKay Dymek product, the DA3 Antenna which is a commercial improvement on the well-known Space Magnet ferrite rod aerial. With orders approaching 100, again mainly within the broadcasting industry, the DA3's merits have been recognised. Best wishes to George for continued success in these ventures.

BROADCAST DX

3

3XG RADIO RHEMA 80 watts !

NEW AUSSIES TESTING !

ANOTHER N.Z. STATION ON THE AIR !

A fine bunch of logs and QSL's this month with some good catches from North America reported. Special mention should be made of Deryk Duffy's New Zealand first - Athlone, Ireland 566 khz ! Season's Greetings to all BCbers and contributors - we hope the holidays and the year ahead are prosperous DXwise !

David Ricquish reports that Radio Rhema's call was changed from 3XR to 3XG a few days before transmission on 23 November. Broadcasts were with 80 watts only and a centre fed piece of wire at a height of 30 feet acted as aerial. By 2 December more than 50 reception reports had been received - the majority from League members from as far afield as Whakatane and Invercargill. Radio Rhema thanks the League for its support which was most helpful and appreciated. On 27 November at 1409 GMT Chris Martin heard an initial test broadcast from ABC Rock Radio, Sydney on 1540, with 10kw. No call sign has yet been allocated but regular broadcasts may begin in early January if the test results prove satisfactory. Incidentally, 2ZE Blenheim ran an unscheduled test at the same time to assist the evaluation. When 24 hour operation begins from the new station 2GN will move to 1440 khz (Sutton !!!)

Merv Branks heard a station advertising western Sydney businesses on 570 on the morning of 18 November (NZT). He surmises that this is a local community station centred on Parramatta, as authorised by the Minister of Media in July.

Also from Merv Branks comes news that 4YQ Queenstown has been officially on the air since 6 December on 1120 with a temporary 100 watt transmitter at Frankton Arm. Initially Alexandra will be relayed from 6.a.m. to 8.p.m. NZT. The main 2kw transmitter is expected early 1975.

Finally, the NZBC commercial network (except in centres served by private stations) will go all night 24 December to 17 January. Now into the Mailbag -

GAY JOHNSTON, Christchurch appears again after a long absence with logs as CJAD KKON KTOM 3XG VOFA 1580. Veries from KKON CJAD.

JONATHAN AITCHISON, Dunedin has reported JOSF 1330 VOFA 1580 and Rhema (loop beamed to Aussie to null 4X0) QSL's from CHUB and CBW.

GRAEME SHILLITO, Dunedin has had a quiet month with reports to KTOM and 1XX 1110. Veries KMO JOTL KMWX and WKLE. Good luck with the new HA-600A rx.

LINDSAY ROBINSON, Invercargill has logged 2BS 2KP 4KQ KPNW Sharjah 1575 KV00 KATZ KPOI with a QSL from 4KQ.

SINCLAIR BENNETT, Christchurch is another to report Rhema.

PHILIP BROOKS, Wanganui has a new 300' antenna up and a communications set coming. Recent reports to 2GB 2QN Fiji 740. Lance's address is 83 Cannington Road.

BRYAN CLARK, Wellington has reported Rhema and QSL'd Neuvo Mundo 850.

RAY BABEAGE, Wellington has QSL's from WLOY WKLE KGU KFRE 4QA.

ANDREW MITCHELL, Christchurch has logged KFBK WLAC WBZ. QSL's from KPOL KOMA KFBK WLAC WBZ. Good start to the season.

MARK NICHOLLS, Taupo has QSL's from 1XW and 1ZM with exams 'logged.' Congrats on your 3NE report. The Philips should help a lot.

NEVILLE HENRY, Invercargill has logged K1AK KATZ CHUB WVUV KPOI JOUB CJAV Puerto Rico 1490 and Rhema. A nice bunch.

PETER GREENFELL, Oamaru has reports to 2QN 3NE CFWB Rhema. Veries 3NE CFWB. No 250 watters ?. For your info Peter Tony King spoke to the Manager of 3NE and thanked them for the special. Local response had been good. Tour to Australia may visit the station en route to Melbourne. Tony is sending cassette of Tokyo DXers insert and the programme to Japan.

PAUL ARONSEN, Invercargill has logged 4 Rhema KFAB and DYLA.

ELIZABETH HELLYAR, Bulls has a QSL from 2KO.

COLIN CAMPBELL, Rotorua has QSL'd Paradise 1265.

NIGEL ROBINS, Wainuiomata has reported Rhema and QSL'd KFEB.

DERYK DUFFY, Auckland proudly advises a QSL from RTE Athlone 566. Would like details of those other Europeans Deryk.

DENE LYNNBERG, Titahi Bay, has reports out to Rhema, ZNS1 1540 KWKH 1130 and ECS11 Radio Centro 1385 - Great Dene !

PAUL ORMANDY, Oamaru has QSL's from 2KO 2VM 3HA 3EA with reports off to 2FC 4QL 4GR 3SR Noumea KORL Labasa CMW XEX PJB KPNW KOA KDAY KOB XERF KFI WBZ VSZ KNBR KOGO. Paul uses a Philco 7 valve and a loop. A good batch of Yank logs. 680 probably DZAS (religious) or China.

BRUCE MCGREGOR, Feilding has logged 1ZU 1YK 1YW 1ZD 1ZC 2YW 2ZG 2ZM 2HD 3YW 3ZC 3ZB 3YZ 3CV PJB Fiji 710 Vladi 1250 India 1130. Veries in from 1ZH 1ZK 1YE 1ZE 1ZB 2GB 2WL 2ZP 2YX 2ZE 3ZM 3ZB 4QL 4ZB 7ZL WCBS

ARTHUR CUSHEN, Invercargill has QSL'd 5NE Asmara 944 CMW 590. Rhema out.

ALAN ROBSON, Christchurch has logged Rhema and QSL'd Sabah 1475 Iraq 908 and KLAC.

CHRIS MARTIN, N.S.W. has logged a test from ABC Rock Radio 1540. Season's greetings to you too Chris !

STAN LARKING, Whakane has reported Rhema CHQM and KXXL. No visits from the postman.

KEITH ROBINSON, Invercargill has reported Kuala Lumpur 885 KEZA 1600 KDBM 6TZ 3XG. Veries in from 1YE 4MS 2LT 6KG BGC Cyprus 1322.

LANCE JOHNSTON, Christchurch has logged CJAD KKON KTCM 1YE 2XW and Rhema. Veries from CJAD KKON 1YE and 2XW.

GRAEME DIXON, Auckland has logged 2ZN 1XW 2ZA 4ZA 2CH 4XC 1ZD 1XX 3ZM 4ZB 3ZB.

LYALL MATHIESON, Paeroa has QSL's from 1ZK 1ZE 1YX 1YK 1YZ 1ZC 1YE 2ZP 2ZH 2XW 2ZD 2ZA 1ZC 2YA 2YE 4XC 2ZB 2ZM and 2YC.

DAVID RIGGISH, Christchurch now proud owner of a Trio 95-59DSM has logged Rhema CFUN and CHQM. Thanks for Rhema news.

ARTHUR WILLIAMS, Timaru has logged KTOM KGST 5XG Fiji 1470. QSL'd KNBR. Like your stationery !

MERV BRANKS, Invercargill has reported KPRE KOMO KOIN KRWN KSL Rhema and Sydney Community Commercial and Parramatta 570. Verie: JOFC.

PETER JACKSON, Dunedin has QSL's from KUAM and 3LK. Between swot and exams logs are WHO LMK and Rhema. Your 1230 might be ZBM1 Bermuda.

IAN COOK, Nelson has reports out to KMVI WBAP 2KO Vladivostok 1250 KICY WKLE KUAM and KLEI. No recent QSL's. A good bunch Ian.

ROBIN CHAMBERS, Opuake has reports to A3Z 8DR WKLE WLAJ 1450 and Yuzhno Sakha- -linsk 973. Robin has now added a vertical mast to his antenna farm !

MIKE SMITH, Matamata has logged and QSL'd 2NU.

SUTTON BURTONSHAW, Invercargill has logs as Khabarovsk 575 CFWB 9WK 9PA 5MG KACY KWKW KEWI KTWO WZBS 3XR 4LM. Veries in from Antalya 881 VOP 920 Zahedan 777 ZK2ZN 620 JOKB 3HA 5LN 5LC JODR 5MG CFWB.

PHILIP GARDEN, Dunedin has one out and QSL's in from Ahwaz 1390 DZRP Voice of the Revolution 1135 Kuwait 1133 and 1345a.



BROADCAST TRAIL

EVENING (Times GMT)

550	KNVI fair 2CR looped 0742	IC
600	KOGO exc0928	PO
610	KPRC strong 0825	IC
680	KNBR nx 0800 (SB) Exc 0750	PO
720	KUAI goof 0710	IC
730	XEX good. Brief nx 0800	PO
	CKLG 1015	SB
790	MABC telephone show 0800	SB
	KKON strong 0700	LJ
800	CJAD montreal strong 0726	LJ
	PJB 0830 (SB) Mxd XEROK	PO
820	WBAP fair 0603 (SB) Nx 1000 Sun.	PO
844	VSZ Gilbertses strong 0850 (PO) off 1030	SB

850 KOA nx 0800 SB
 1030 WBZ good 0940 PO
 1265 Paradise 0904 fantastic 12/11 SB
 1300 KWKW all SS 0800 SB
 1320 KUDE off 0800 SB
 CHQM exc 0730 (RC) good 0820 SL
 1360 KMO exc 0715 9/11 RC
 1380 KTOM good 0750 LJ
 1390 KCEY off 0800 SB
 1410 WUNI C&W 0820 SB
 1420 KCCN 0808 SB
 1430 CKFH 0815 SB
 1440 KEWI 1009 Sunday SB
 XELZ 1030 Sunday SB
 1450 WIAJ dominant 0927-0737 RC
 KXXL 0730 4/11 TT fair SL
 WSZD 0810 Ponapean SB
 1490 CFWE//CFCP 0815. ID 'Total Radio' and 'Coast Radio.' SB
 KVAC 500w tone and morse ID each minute FC 2/12. KR SB
 WZBS Radio Senorral 0829 12/11 VG
 1540 KBES Bellevue, Wash. 50kw new strong Mons with KPOL and KXEL off. SB
 1570 XERF good 0730-0930 PO

MORNING

650 8DR fair to s/off 1432 RC
 750 KXL nx 1400 SB
 973 Yuzhno Sakhalinsk strong with Mayak intervals 1529 RC
 976 DXYZ fair off 1459 RC
 1040 WHO good 1200 PJ
 1120 KPNW mixed KMOX from 1200 PO
 1190 KEX strong & clear 1407 IC
 1520 KACY mixed 9WK EE & SS 1308 SB
 1553 DYLA exc s/off 1601 RC
 1570 Filipino s/off 1559 Heavy QRM RC

Contributors: Robin Chambers, Sutton Burtenshaw, Ian Cook, Paul Ormandy, Peter Jackson, Lance Johnston, Stan Larking.

WANTED: Information on MW broadcasters suitable for Station of the Month features. Please write to Broadcast Editor, Box 2956 Wellington.

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 SB
 PO
 SB
 SB
 SL
 RC
 LJ
 SB
 SB
 SB
 RC
 SL
 SB
 SB
 SB
 RC
 SL
 SB
 SB
 SB
 KR
 VG
 SB
 PO

DX FORECAST

DECEMBER

(Times GMT)

0730- 0830 USA
 0800- 0900 Central America
 0800- 0845 Canary Is sometimes
 0800 onwards Asians; Filipinos at 10
 0830 Pacific peak
 1430 Pacific States USA peak
 1500- 1600 Asians often very good
 1530- 1600 Hawaiians

JANUARY

USA: Conditions could favour any part of the States from 0730 to 0900. Pacific Coast 1200 to 1530.
 Europe: From 0730 late in the month watch split frequencies for reception from the Iberian peninsular (Portugal/Madeira/ Canary Is).
 Asia: Peak 0830-0930
 Hawaiians: 1530 - 1600
 Far East Russians also heard around 1530.

DXCURSION AUSTRALIA '75

(from Page 12)
 specially imported to coincide with the tour arrival in Melbourne. Duty Free Stores Ltd, Melbourne will endeavour to specially obtain specific equipment for the group - so if you have a hankering for a Drake SPRL or a litre of Peruvian Jungle Juice, Duty Free Stores will see what they can do.
 They're looking forward to our visit - Keith Glover and the staff at Radio Australia; Eric Pattison and the staff of 2AY; the DXers in Sydney and Melbourne; the dinkum Aussies !

JOIN US IN MARCH

BEST OF THE MONTH

OPEN

1st: CJAD Montreal, 800khz, 10kw 153 points, Lance & Gay Johnston.
 2nd: CFWB Campbell River, 1490 khz 250 watts, 147 points. Peter Grenfell and Sutton Burtenshaw.

DXCURSION
 P.O. Box 2956
 WELLINGTON

Organised by:
 Tony King,
 'Phone 40370
 WELLINGTON



dial 1490

THE SOUND WAY TO SELL





CAN-AM REPORT

DX SPECIALS as advised by NRC DX News & IRCA DX Monitor

Monday 16 December	0730-0800	GMT	KBEW	Blue Earth, Montana	1560kHz	1kw	(NRC)
	0800-	GMT	WSLT	Ocean City, New Jersey	1520	1kw	(NNRC)
	0830-0900	GMT	KPOC	Pocahontas, Arizona	1420kHz	1kw	(NRC)
Monday 23 December	0800-0900	GMT	WQAM	Miami Beach, Florida	560	5/1kw	(NNRC)
	0900-1000	GMT	KONC	Alturas, California	570kHz	1kw	(NNRC)
	1000-1100	GMT	KAFY	Bakersfield, Calif.	550kHz	1kw	(NNRC)
Monday 30 December	0830-0900	GMT	KTJS	Hobart, Oklahoma	1420kHz	1kw	(NRC)
Tuesday 31 December	0800-0900	GMT	WGAC	Augusta, Georgia	580kHz	1kw	(NNRC)
Monday 6 January	0600-	GMT	WMLO	Beverly, Maine	1570kHz	0.5kw	(NNRC)
	0700-1050	GMT	WACE	Chicopee, Maine	730kHz	5kw	(NNRC)
	0700-0900	GMT	WIMS	Michigan City, Indiana	1420	5/0.5kw	
	0745-0815	GMT	WGOM	Marion, Indiana	860kHz	0.25kw	(NRC)
	0800-	GMT	WAAB	Worcester, Maine	1440kHz	5kw	(NNRC)
	0830-0900	GMT	KPST	Fort Stockton, Texas	860kHz	0.25kw.	
Monday 13 January	0500-0800	GMT	WAJR	Morgantown West Va.	1440	5/0.5kw.	
	0600-0800	GMT	WITY	Danville, Illinois	980kHz	1kw	(NRC)
Tuesday 14 January	0600-	GMT	WESO	Southbridge, Maine	970kHz	1kw	(NNRC)

From NRC's DX News and IRCA's DX Monitor.

540	WGTO	Florida	now 50kw	D3	1220	WLTO	Florida	granted	WOMQ.										
600	KRKN	North Pole, Alaska	requested		1260	KYA	is all night	Sundays with											
	KGEZ	"The Country Giant"	slogan.				"World Press Review"												
740	KBIG	Calif	has	KBRT	call	now.	1270	KWWB	Nth Dakota	granted	KBOM.								
750	KXL	Washington	new studios	at			1330	KCFA	Washington	granted	KMBI.								
		20900	S.E. Curtis Rd,	Portland			1360	KVRS	Wyoming	seeks	KRKK								
810	CKJS	Winnipeg	10kw	U	is	new.	1380	KPOI	Hawaii	seeks	move to 990								
	ZNS3	here	ex 1060.	Freeport, Grand							with 10kw (Roycroft via C. Martin)								
		Bahama	1kw	idents	include	"8-10					WLRV	Virginia	0.5kw	D	on the air				
		Radio",	"The Northern Service".				1440	KXXR	ex	KDNC	ids	as	"Double XR"						
850	KGOE	Calif	granted	U4	0.5kw.							CFGO	Ottawa	is	now 50kw	U.			
900	KEYN	Kansas	granted	KBUL.			1450	WVON	Illinois	requests	WENA	call.							
910	KNEW	is	now	Country & Western.								KAVA	Calif	operates	1400-	GMT.			
1030	KTWO	may	be	a/n	with	slogan	"Mx					1470	KKEP	Colorado	granted	KSIR	call.		
		for	the	two	of	us".						1510	KCAW	Texas	seeks	KYKR.			
1090	WKFI	Wilmington, Ohio	ex	MMWN.								1590	KPRS	Montana	seeks	KPRT	call.		
1170	KJNP	Alaska	req	new	call	KRKM.						1600	CHNR	is	on	ex	CFRS	1560,	10kw.

COSTA RICA. The present 25kHz separation of Costa Rican stations is being reduced to 20kHz, with the first changes in early November. Unfortunately this will give added difficulties for DX reception if none remain or drift to split frequencies. Some of the planned changes:-

Station	Current freq	Planned new freq	Station	Current freq	Planned freq
Capital	1125	1120	Alajuela	1300	1280
Monumental	1150	1140	Columbia	1325	1320
Columbia	1175	1160	Sideral	1350	1340
Casino	1200	1180	Monumental	1375	1360
Radio BB	1225	1200	Columbia	1400	1380
Columbia	1250	1240	Sinai	1425	1400
Monumental	1275	1260			

IRCA

According to the Director of Radio Omega 625kHz, they will increase power from 2.5kw to 50kw before the end of 1974.

G.M. Stanbury IRCA.

TIASF 1548 is now listed for San Carlos, presumed name change from Ciudad Quesada.

Glenn Hauser IRCA

NETHERLAND ANTILLES. PJD2 1295 is no more, having been reincarnated as ZGBC on 1060kHz, elsewhere in the Caribbean. PJA6 is on 960 ex 925. R. Schatz IRCA



In our continuing series, featuring members DX gear, we begin this time with:-

PHILIP GARDEN of Mosgiel uses a Trio 9R.59DS communication -s receiver and a good range of aerials - a 24 inch loop and booster for medium wave, and 100ft longwires running N-S and E-W for shortwave. An aerial in the roof, running SW-NE also proves useful.

JACK SEARLE of Haumoana, Hawkes Bay sports the following line-up: Receivers are Trio 9R-59DS, Quad AM3 Tuner with MW and SW 2.5-18MHz linked to a 10-10 Fountain amplifier, and National T100 9 transistor portable 530kHz-26.1MHz. An extensive antennae line-up includes an 18ft vertical whip atop a 20ft mast, with 'Belling-Lee' noiseless lead-in system; a 15 metre folded dipole; 2 Masson style MW loops and, under construction, a vertical fan array based on a 48ft mast. (See Radio Canada SW Club's Antenna Handbook p14). A BC221 A.H. frequency meter provides readout to the nearest 1kHz and although coverage stops at 20MHz, Jack uses it on 13 metres by utilising the harmonic of the 10,200kHz plus readings, and doubling the indicated results. Finally, to record it all, Aiwa TP704 and Sony TC200 recorders are used.

CHRIS PIKE, Christchurch has an RCA AR88LF communications set and Delmonico Nivico AW6000 11 transistor portable. Aerials are a 200ft V-beam about 20ft high and a MW loop. An Aiwa cassette recorder and a typewriter are helping.

NIGEL GREENE's current equipment in Paremata includes a Philips 5 valve and 2 National Panasonic portables - models R-247JB and T-350. Antennae are a window and inverted 'L' running SW-NE. A home-brew communications receiver is under construction, converted from an old Collier-Beale transceiver.

ARTHUR CUSHEN, Invercargill uses a Hallicrafters SX122, an SX190 with 11 bands of 500kHz and direct frequency readout, a National NC140 and an 840A by Eddystone, as well as some portable receivers. 3 taperecorders include 2 professional Telefunken models, an Akai and a Philips. The aerial system is a long wire type running across a city block in 3 directions from a 53ft lattice steel tower, with aerials fed into a push-button switching device. 1 aerial is 45ft long, omni directional and used for standard monitoring work. 1 recorder is wired into a phone line for direct recorded news to Radio 4XO.

Finally this month, ERNEST JONES of Lower Hutt listens in on a recently purchased Eddystone communications receiver, assisted by a 1946 model Gulbransen. Aerial is a 100ft Marconi type inverted 'L' and listening is aided by an aerial tuning unit and Q-multiplier.

TO BE CONTINUED.

FROM HEADQUARTERS CHRISTMAS STATIONERY ORDERS.

If you're planning a lot of DX over the holidays, please note that any order not received by the 21st

December at P.O.Box 1313, Invercargill, will not be processed until January.

NZRDYL STICKER. A new stationery item is the sticker as illustrated, in black on white, with self adhesive back, measuring 6 inches by 1 1/2 inches. Price is 3 cents each, with a MINIMUM ORDER of 10, that is, 30 cents worth. Order a supply from Stationery Secretary, NZRDYL, P.O.Box 1313, Invercargill.

OVERSEAS SUBSCRIPTIONS must be paid to the equivalent of official exchange rates. The sub of

\$4.00 applies to NZ members only. There is a large difference between NZ\$4 and US\$4, so please ask Headquarters if you're not sure.

New Zealand Radio DX League



LEAGUE LADDERS

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Broadcast

Division	Jun	Dec	Inc	Cnt
GOLD STAR (Over 1250)				
Arthur Cushen	2146	2164	18	140
Merv Branks	2016	2039	23	-
Keith Robinson	2017	2026	9	108
SILVER ACE (751-1000)				
Eric McIntosh	844	863	19	-
Robin Chambers	741	766	25	102
Sutton Burtenshaw	698	751	53	83
ACE (501-750)				
Stan Larking	663	671	8	80
Dene Lynneberg	630	635	5	-
Graeme Shillito	594	603	9	60
SENIOR (301-500)				
Paul Aronsen	391	397	6	-
Ray Babbage	-	372	-	-
Chris Martin	302	331	29	102
Bryan Clark	299	313	14	65
INTERMEDIATE (151-300)				
Lance Johnston	268	272	4	-
Tony King	219	219	0	-
Dallas McKenzie	-	199	-	34
Lindsay Robinson	179	182	3	19
Sinclair Bennett	175	180	5	10
John Newman	161	166	5	12
Des Davey	146	153	7	-
JUNIOR (51-150)				
Alan Robson	119	145	26	20
Jack Searle	132	136	4	15
Paul Frost*	110	119	9	28
Gay Johnston	108	110	2	-
Michael Smith*	103	108	5	8
Peter Jackson	73	97	24	15
John Bathurst	91	91	0	8
Jonathan Aitchison	69	89	20	10
Philip Garden	-	55	-	27
Bruce McGregor	(34)	54	20	2
Elizabeth Hellyar	42	51	9	-
Graeme Hammond	-	72	-	9
Paul Rawdon	-	52	-	8
NOVICE (1-50)				
Andrew White	34	48	14	9
Gavin Bennett*	-	47	-	-
Norman Clover	32	45	13	5
Paul Ormandy	-	45	-	3
Chris Mackerell	24	28	4	4
Mark Nicholls	-	23	-	2
Colin Campbell	16	21	3	11

Shortwave

Division	Jun	Dec	Inc	Cnt
GOLD STAR (Over 1250)				
Arthur Cushen	4070	4129	59	226
Barry Williams	-	1929	-	196
Dene Lynneberg	1823	1874	51	176
GOLD ACE (1001-1250)				
Tony Marr	-	1241	-	190
Stan Larking	1106	1182	76	118
John Mainland	1100	1150	50	162
Ray Babbage	-	1166	-	-
John Watson	1028	1080	52	-
Bryan Clark	973	1001	28	147
SILVER ACE (751-1000)				
Hans de Jong	896	947	51	88
John Durham	756	860	104	105
Bill Huddleston	743	794	51	113
ACE (501-750)				
Lindsay Robinson	618	656	38	98
Eric McIntosh	573	581	8	-
Jack Searle	473	548	75	82
SENIOR (301-500)				
Paul Aronsen	472	478	6	-
Dallas McKenzie	-	418	-	105
Peter Herman*	-	400	-	-
Lance Johnston	373	375	2	-
Des Davey	304	365	61	-
Alan Robson	247	304	57	61
INTERMEDIATE (151-300)				
Steven Greenyer	227	255	28	104
Tony King	233	236	3	-
Murray Robson	207	235	28	67
Colin Campbell	220	224	4	54
John Newman	210	223	13	70
Paul Frost	191	206	15	64
Jonathan Aitchison	151	205	54	55
Nigel Greene	119	186	67	48
Peter Greener	(48)	170	122	54
Mike Smith	150	164	14	46
Phil Garden	-	158	-	40
JUNIOR (51-150)				
Austin Hadler	-	144	-	48
Paul Rawdon	-	140	-	43
Charles Douglas	118	118	0	43
Leigh Morris	114	116	2	63
Bob Boundy	-	104	-	47
Ian Wells	83	90	7	39
Jack Farrow	59	102	43	31
Graeme Hammond	-	88	-	27
Brian Molloy	(34)	87	53	23
Gay Johnston	86	86	0	-
Chris Mackerell	76	76	0	55
Cecil Symmes	-	74	-	35
Andrew White	47	56	9	26
NOVICE (1-50)				
Paul Ormandy	-	38	-	27
Mark Nicholls	-	28	-	8

SECTION WINNERS (See comments P.2)

BCB: Gold Star - Merv Branks, Silver Ace - Eric McIntosh, Ace - Sutton Burtenshaw, Senior - Chris Martin, Intermediate - Bryan Clark, Junior - Alan Robson, Novice - Andrew White.

SW: Gold Star - Arthur Cushen, Gold Ace - Stan Larking, Silver Ace - John

Durham, Ace - Bill Huddleston, Senior - Jack Searle, Intermediate - Alan Robson, Junior - Nigel Greene, Novice - Peter Greener. MS, DR, AW, your entry too late.

O. C. 19 METROS - 15.150 KC.
O. C. 31 METROS - 9.510 KC.
O. C. 49 METROS - 6.190 KC.

CB-114

RADIO NACIONAL DE CHILE

FRECUENCIA MODULADA EN 89,3 MGC.



SANTIAGO DE CHILE - NOVIEMBRE 25 - CASILLA 244 - V - CARTEL CERTIFICACIONE

BROADCASTING IN CHILE TODAY.

The following article, dated 11 June 1974 was recently received by BC from a Chilean friend, actively involved in broadcasting.

All through its more than 50 years existence, Chilean radio broadcasting has remained in private hands and been of a commercial nature. The various stations belong to individuals of varying political and religious ideologies, corporations, consortiums, universities, as well as to prominent leaders of various political parties.

At the present time, some 150 broadcasting stations operate in the country under these conditions. 90% of these stations are members of the Asociacion de Radiodifusores de Chile (ARCHI), which looks after the broadcasters and endeavours to obtain benefits for them, such as low customs duty for imported equipment and spares, and other guarantees. Most Chilean radio stations are affiliated to the IRA (Inter-American Radio Association). All commercial or cultural (university) stations produce their programmes by their own means and personnel. News departments have no prior censorship; their bulletins are prepared by qualified journalists.

There are several large stations in Santiago operating with 50kw or more on medium wave and with 1 to 10kw on shortwave frequencies.

Almost all these stations have affiliates in other important cities, that retransmit some programmes and news produced in Santiago, as well as their own. These large stations are Radio Sociedad Nacional de Agricultura, owned by farmers and the Sociedad de Publicaciones y Difusion; Radio Chilena, belonging to the Chilean catholic clergy; Radio Cooperativa Vitalicia, owned by a consortium of insurance companies and some private individuals; Radio Diego Portales, owned by the Sociedad de Fomento Fabril; Radio Presidente Balmaceda, belonging to prominent personalities in the Christian Democrat Party; and Radio Sociedad Nacional de Minería, owned by private businessmen.

All stations broadcast on frequencies assigned by SEGTEL, the government Electric, Gas & Telecommunications Service Agency and there are no stations operating illegally. SEGTEL carries out periodic technical inspections of station equipment, with regard to their frequency, distortion, noise, strength.

Considering the above, the government decided to establish a state broadcasting station, having programming different to other stations. Radio Nacional de Chile was established as an independent state corporation, broadcasting music, news and culture, devoid of commercial publicity. For this purpose, Radio Nacional de Chile possesses a 50kw medium wave transmitter(1140 kHz), 1kw SW units on 6190 and 9510kHz, and 10kw on 15150kHz. (The shortwave outlets are used by The Voice of Chile, whose programmes are produced by Radio Nacional de Chile.) Affiliates are located in Antofagasta, Talca, (both 10kw) and Arica, Valparaíso, Iquique, La Serena and Los Angeles(all 500w or 1kw). These stations retransmit some programmes and news originating in Santiago, besides their own. Any private station may also rebroadcast Radio Nacional de Chile programmes when desired.



EMISORAS
NUEVO MUNDO
CB 93 Y CB 1.174

ALAMEDA BERNARDO O'HIGGINS 824
 7º PISO CASILLA 9288 SANTIAGO

Radio Luz y Vida



Over seven years ago, in 1967, a religious organisation, 'Comunidad de Misioneras Sociales de la Iglesia' bought the small station Ondas Lojanas in Loja, Ecuador and commenced cultural and religious broadcasting with the emphasis on evangelism and improving the welfare of the poorer people of Loja province. The programme content is varied, opening in the morning with programmes for the farmer, and the balance of the day is oriented to local news, regional music, serials, and the occasional relay from Quito of the VOA. Luz y Vida has been one of the few good QSL'ers in South America - particularly in respect to the smaller stations. Reports were answered personally by the Mother Superior, Hermana Amada Campos D, by letter, but in the last couple of years the station has had QSL cards, designed by a Finnish DXer. Depending on the quality of your report QSL's are either black and white, or a colour version for that excellent report en espanol. Luz y Vida enjoys its international coverage, and for a small station derives considerable pleasure from overseas correspondence.

Luz y Vida has identification announcements in Spanish, English, Finnish, French Italian and German - most contributed by DX listeners.

Luz Y Vida uses a 2 kw transmitter on 4826 khz and when heard in New Zealand is being programmed by the nuns - the normal staffing changing at 9.p.m. local time. The station also transmits on medium wave on 1450 khz using a 500 watt transmitter bought from Centinela del Sur, also in Loja. The transmitter antenna is a 30 metre "longwire suspended between high eucalyptus trees" and the station personnel are somewhat astounded that the signals travel so far. The commercial director of the station is from Radio Paz y Bien (Father Luis Florencio Leon), programme director is Dr Enrique Garcia. The general staff of the station comprise two announcers, three technicians, three sports staff, and numerous free lance commentators.

Amigos de Luz y Vida ! Ponemos en vuestras manos lo selecto de nuestras programaciones. Para este ano 1974 con temas religiosos, culturales, deportivos, musica y variedades con sabor del Ecuador, para America y el Mundo. Todo para Usted !

Radio Luz y Vida, Apartado 222, Loja, Ecuador.

Adapted from copyright article by Simo Soinenen, Finlands DX Club, and published by kind permission of the author.

1310
2GO
**CENTRAL
COAST
RADIO**

SELL THE RICH WEST
OF N.S.W. THROUGH
2DU
DUBBO
2DU
DOMINATES
A RICH FAST
GROWING WESTERN
N.S.W. MARKET

**THE PULSE
OF PERTH...**
6PR

Shortwave Mailbag

Deryk Duffly writes of a DXpedition to Manukau Heads with five present. He says photos pertaining to this event are available if anyone is interested. Several members report interesting Asians and Latin American veries this month. Thanks for your valued contributions during 1974 and we look forward to your continued support next year.

TONY MARR, Wellington has veries from Bamdjarasin 3250 Palembang 4855.

NIGEL ROBINS, Wainuiomata has them back from Belgium 9655 DW-J 11945 9700 9640 DW-W 6130 DW 6120.

PAUL ARONSEN, Invercargill has QSL's from Bangkok 7863 Nordsee 6210 VOA-G 5995 Malaysia 4985 Clarin 4850

PETER GREENER, Auckland has QSL's in from Tirana 9480 Kiev 9690 DW 9510 6075 VOFV 10040 BBC 7120 3975 Moscow 9685 9720 NSB 6055 Western Dist. 3305 Bougainville 3322 Brazilia 11780 CAFNS 9480 Korea 9640 Portugal 9720 Japan 17855 VOA Tan 7270 VL2UV 1750

AUSTIN HADLER, Christchurch has QSL's in from Norway 11850 21655 Moscow 4 freqs, Austria 21675 15200 Romania 9833 15250 17840 15380 Poland 6095 9525 7285 9540 Israel 10250 12025 7395 Iran 9022 Spain 11925 Kiev 5940 11720 Cuba 11725 11760 Berlin 7185 9730 6080 ORTF 11735 15300 6115.

BRYAN CLARK, Wellington has five out and QSL's back from BBC 21560 HJKC 4755 Montreal 5925 BBC Cyprus 3990 RA Shepp 15400 11970 RA Dar 21725 (1000th QSL)

PAUL ORMANDY, Oamaru has a goodly list of QSL's from KGEI 9520 UN 5955 SBC 9725 VOA Rhodes 7205 Milne Bay 3360 RA-S 17745 RA-L 15160 Budapest 9833 RSA 11900 HCJB 11915 RNE 9620 plus pennant ORTF 6015 Vatican 9615

LANCE JOHNSTON, Christchurch has one from the Southern Highlands 3275.

RAY BABBAGE, Wellington has QSL's from Morobe 3220 Karachi 17935 Canada 15092 Iran 9022 plus pennant HCJB 9560 Luz y Vida 4826 Malta 11865.

LANCE ANDREWES, Dunedin has QSL's in from DW Julich 9565 9640 Prague 9740.

MARK NICHOLLS, Taupo has 12 out and QSL's have arrived from RA 7280 11930 ROI 6135 Peking 11650 NHK 9605 9530.

ALIAN ROBSON, Christchurch has 10 out with QSL's from VOA Phil 15210 Green ville 6190 BBC 15270 BBC Cyp 11955 AFRTS Beth 15330 Brasilia 11780 RA Shepp 17795 RNE Camriias 11800 RNE 11925

RN Bon 5 freqs Lopik 15130 15180 Iran 9022 DW Werch 15435 11865 6040 Julich 6075 NHK 9585 ROI 11855.

GRAEME HAMMOND, New Plymouth has veries in from Tirana 11985 DW 11765 ZL7 6080

PAUL EDWARDS, Wellington has QSL's from ROI 5970 DW-Werch 9690 Vatican 11700 Kabul 15195 VOV 10040 RN-B 9715 VNG 7500 12000. Welcome Paul.

JOHN MAINLAND, Wellington has 'em back from Burma 5040 HCJB 6085 BBC Cyprus 3989 NHK 15430 Stockholm 15275.

DENE LYNNEBERG, Wellington has QSL's from Sur Colombiana 5010 Israel 7395 RA Dar 21725

PAUL RAWDON, Lower Hutt has 18 out with QSL's in from Moscow 5910 12060 ROI 11855 HCJB 17705 15300 Peking 15030 11720 P&P 13 metres RN Lopik 15130 Turkey 11880.

BILL HUDDLESTON, Auckland has been busy with 28 out and QSL's in from BBC Ascension 6005 Hungary 9833 Hanoi 10040 Canada 9665 17820 11855 DW Malta 11865 11705 Moscow 7145 RA Lyn 15140 11930 Shep 7220 Portugal 11840 Vatican 15210 IBRA 9670 ORTF 9680 15295 WYFR 11875 RN Bon 9715 Jeddah 11855 Austria 21675 NHK 9585.

STEVEN GREENYER, Invercargill has QSL's from Brunel 7215 PLA 5170 Iraq 3195 RTV Dominicana 5970 Luz y Vida 4825.

CECIL SYMMES, Wellington has QSL's from RA-S 15140 15320 RA-L 15240 NHK 17855 Hanoi 10040 Continente 5030.

ARTHUR CUSHEN, Invercargill has QSL's from CBC 11835 Kuching 6050 RA Shepp 7220 7280 Lyn 6005 CBC Malta 6100 7250 Vatican 11780 Japan 9585 Pyongyang 9410 DW Julich 3970 DW Malta 6000 Berne 11870 Vatican 9625 Saudi Arabia 9770.

JACK SEARLE, Haumoana has QSL's back from RA Shepp 15400 9625 11970 Dar 15415 6195 Peking 7590 Brussels 11855 DW Sackville 9605 Bucharest 9570 DW Werch 6040 Jerusalem 9495 Ejura 5980 ETLF 11960 AIR Aligar 11775

STAN LARKING, Whakatane has 20 out and veries in from Amman 11810 Tehran 15085 Horby 9630 Wien 15200 Malaysia 9515 Pori 9550 Oslo 9645 RCI 6140 RN Lopik 11825 TWR Bon 11895 Lisbon 11840 R. Nacional 6180.

COLIN CAMPBELL, Rotorua has 34 out and QSL's in from Vienna 15210 - expecting a flood of veries ?

ANDREW MITCHELL, Christchurch has QSL's from Prague 11855 Japan 17825 15235 Canada 5970 HCJB 6130 AFAN 6012.

JOHN DURHAM, Meremere has QSL's in from KGEI 11905 Kabul 15195 ORF 17775 DW 7275 RN Bon 15320 Canada 6135 5925 Havana 11725 Berne 9725 BBC 7230 Rohrdorf 7265 Warsaw 17865 VTVN 7175 RA Shepp 11970 Lyn 15140 ORU 9655.

SUTTON BURTENSHAW, Invercargill has a good 'un for his first SW QSL in 13½ years - AFAN 6012.

HARRY WEATHERLEY, Australia has two in from IBRA 9670 4VEH 9770.

IAN WELLS, Milton has them back from RAI 7275 Malaysia 6175 VL2UV 1750.

LINDSAY ROBINSON, Invercargill also has AFAN 6012 back as well as RA-S 7280 7220.

JONATHAN AITCHESON, Dunedin has them back from Iraq 3960 BBC 3952 Sweden 6065 Pakistan 17830 Brasil 11780 Bougainville 3322. Pennant RNE.

PHILIP GARDEN, Dunedin has QSL's back from BEC 3952 DZF9 11890 Vatican 9615 Malvsia 6175.

DES DAVEY, Te Kuiti has QSL's from NHK 15195 15105 Ned Bon 11730 9715 RA 10 freqs.

JACK FARROW, Lower Hutt has QSL's from BEC 6180 9825 RCI 7280 11855 HCJB 11745 Japan 15105 15270

HANS DE JONG, Tasmania has three from AFRTS Delano 6095 WOA Dixon 6185 DW Julich 7105.

MIKE SMITH, Matamata has seven out and QSL's in from Universo 4880 Lara 4800 Prague 11990 RN 11825 LLM 15175. Both Seoul and Pyongyang noted on 3560. If radio Korea have verified this frequency it must be OK.

GRAEME DIXON, Auckland has QSL's from Vietnam 10040 Cuba 11750 DW 6075 Budapest 9833. Looking forward to next March ?

BRIAN MOLLOY, Auckland has a line up from Peking 15435 11600 RCI 15325 RA Shepp 4 freqs Dar 3 freqs Lyn 15140 Moscow 12060 Ned Hil 15130 Pakistar 7085 9485 Western Districts, VLI6 VQ04 ZL7 Japan 17855 plus pennant Iran 9022 plus pennant BBC 11955 7150 6195.

DERYK DUFFY, Auckland has QSL's in from Singapore 5052 HCJB 11915 Finland 15185 Afghanistan 15195.

BEST OF THE MONTH

UNDER 9 Mhz

Ejura, Ghana, 4980 khz 20kw

Jack Searle

OVER 9 Mhz

Sweden, 15275, 350kw

John Mainland

DXCURSION

"Only 13 weeks and we're away"

"I've been to Australia before but this will surely be the trip of a lifetime"

Two comments that have come from participants in our DXCURSION which will leave New Zealand in about twelve weeks time. Participants from 14 different centres will leave this country on 7 March for what will be a unique event in the history of DXing in the South Pacific.

There is still time, and a few vacancies for more tour members, but if you'd like to join us you must act now, as no bookings can be accepted after 24 January.

The programme of activities has been devised to provide for freedom of choice, particularly in the evening whilst combining the sightseeing highlights of each centre, and more significantly, taking advantage of events that are on at the time we are in various centres. Several of those who have enrolled are extending their stay as this is the time of the year for the Barossa Wine Festival, and Melbourne is an excellent 'jumping off' point for Tasmania. Barlow Wadley receivers await those DXers who showed earlier interest in purchasing a set, and these have been

I recently constructed a ground plane aerial with very pleasing results. It was originally designed as a high frequency transmitting aerial, but makes a fine receiving aerial and covers a wide frequency range.

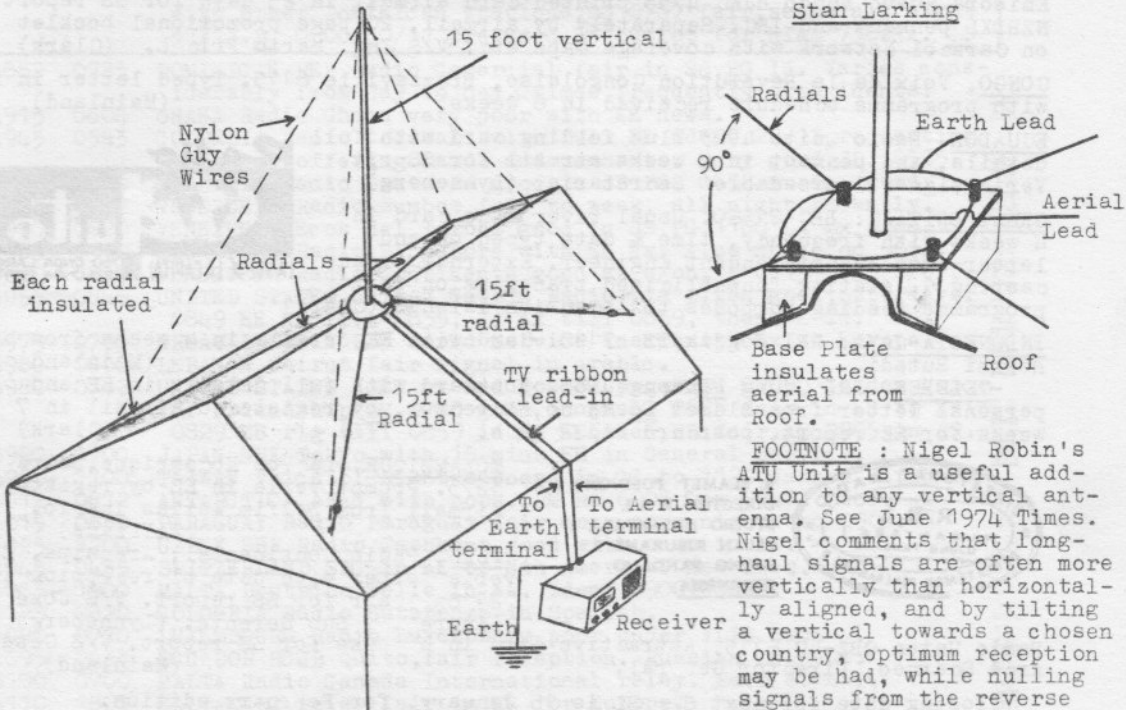
Response from 13 to 49 metres has been found better than with a long wire. Below 49 metres, performance falls off but the aerial compensates by almost eliminating TV interference for me on 60 metres.

It is an ideal shortwave aerial for the listener who has little room available, because it can be placed on the roof of a house without extensive guy wires running everywhere. Cost should not be more than \$10, depending on how much you have to purchase.

The vertical portion I used was $\frac{3}{4}$ or 1 inch square aluminium tubing, 15 ft long, being light and strong. The length was determined as being equivalent to a quarter of the wavelength of 19 metres. (15ft approximates $\frac{1}{4} \lambda = 15.2\text{MHz}$) Ground radials are copper wire 15 feet long, at right angles to each other at the base of the antenna. They do not have to be horizontal, in fact it seems preferable that they be up to 45 degrees down from horizontal, that is 135° from the vertical. TV ribbon provides a matched lead-in for the aerial, one side linking the vertical to aerial jack on the receiver, the other side linking the four radials to the earth of the receiver. By having the receiver then earthed, performance was improved and noise level reduced. However some sets may work better without the connection to earth. To support the vertical I used 150lb breaking strain nylon line, rather than effect the balance and performance of the aerial. I'm not sure of the validity of this point.

The antenna has produced some good catches already. Signals have been heard on 13 and 16 metre bands which were inaudible with a 100 ft longwire.

Stan Larking



FOOTNOTE : Nigel Robin's ATU Unit is a useful addition to any vertical antenna. See June 1974 Times. Nigel comments that long-haul signals are often more vertically than horizontally aligned, and by tilting a vertical towards a chosen country, optimum reception may be had, while nulling signals from the reverse direction.

SW QSL

This new section seeks to encourage the SWL members of the League to aim their "DX sights" beyond the regularly heard international broadcasters, towards those lower-powered domestic shortwave stations, especially in the Americas, Asia and Africa, which take a little more effort to log and perhaps a bit of luck to verify. You'll get an idea of your chances from the success of other members as reported in this column.

The section will initially run every second month, with closing date for contributions being 15th of the previous month. Dene Lynneberg will select the best entries submitted for publication and, as space permits, these will be appropriately illustrated. Needless to say he will have to be pretty selective, so please don't submit your Radio Australia's, Moscows and the like, unless theres something newsworthy to report about the verification! we want details of verification signers, time taken for reply, special efforts taken to coax a reply, and so on. To give you the general idea.....

AFGHANISTAN. Radio Afghanistan, Kabul 15195. Slightly restyled card, received in 8 months, after follow-up. (Mainland)

ANTARCTICA. AFAN McMurdo. Lengthy stencil letter giving date of report and full details of station. Verie signer William R. Carter, Station Manager. Claims to be coldest and southernmost radio station in the world.(Lynneberg) Reports should be addressed to Public Affairs Office, US Naval Support Force-Antarctica, FPO San Francisco, California 96692. (Clark)

COLOMBIA. Radio Super, Bogota. Card with full details in SS, plus info about Bogota. Recd in 27 days airmail for SS report. Sent by Programme Department. Radio Cultural Surcolombiana HJOX 5010 2.5kw simply stating report is correct and that station is non-commercial. V/S Dario Silva Silva, Director. Airmail reply in 33 days for SS report, postcard and NZ stamps. (both Lynneberg)

Emisora Nuevo Mundo HJKC 4755 printed card airmail in 25 days for SS report, NZRDYL pennant and IRC. Separately by airmail, 20 page promotional booklet on Caracol Network with coverage maps etc. V/S Ing. Mario Fric L. (Clark)

CONGO. Voix de la Revolution Congolaise, Brazzaville 6115. Typed letter in FF with programme schedule received in 6 weeks. (Mainland)

ECUADOR. Radio Quito 4923 blue folding card with full details, and pennant in 4 weeks airmail for SS rpt. Verie signer 'unreadable' Secretaria. (Lynneberg)



GREAT BRITAIN. BBC 21560. Usual river scene card in 4 weeks with frequency, time & date typed on and letter from Superintendent Engineer, External Broadcasting 1, stating "unpublicised transmission for programme feeding purposes to Ascension Island".(Clark)

INDONESIA-JAVA. RRI Jogjakarta 7110. Card with EE details in 4 weeks from Mrs Roekmi Sutadi. (Mainland)

CELEBES. RRI Ujung Pandang 4985. Postcard with full details in EE and personal letter from Slamet Poedjono, Director, by registered airmail in 7 weeks for EE report, postcard and 2 IRCs. (Clark)

R. SLAMET POEDJONO R.A.
DIRECTOR R.R.I.
STUDIO NUSANTARA I
JALAN RIBURANE 2
UJUNG PANDANG
INDONESIA.

MOZAMBIQUE. La Voz Mocambique, Beira 3275. Prompt verie in EE by registered airmail from Delfim Matias Inacio. (Williams)

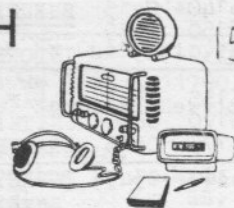
PERU. Radio Continental, Arequipa. SS verie letter with date of reception in 21 days air for SS report. V/S José Linarez, Sub Gerente. (Lynneberg)

Radio Union OBZ-40 6115. Attractive card in 4 weeks for SS report. V/S Cesar Arce Scarneo, Director General. (Mainland)

Closing date for next SW, QSL is 15 January, for February edition. Let's hear of your prize catches! Remember only the best will do!



SHORTWAVE BANDWATCH



15

This month's highlights:- Barry William's reception of 3 low-powered Turkish stations during our early evening period; Tony Marr's logging of Kinshasa on 15245; a new Dominican station Radio Norte 4807, first noted by Steven Greenyer; FEBA Seychelles is again observed on 19 metres; and finally, tentative reception of Trans World Radio, Swaziland on 7135. Latest schedule for TWR reads 0245-0430 GMT on either 6070, 7135 or 7230kHz. 0440-0800 GMT on either 7230, 9615 or 9640kHz. 1655-2100 GMT on 3365 or 4790kHz.

All the best for Christmas and the New Year, and we look forward to your contributions in 1975. Reminder - all times are GMT, that is 13 hours behind NZ Daylight Time. Overseas contributors are marked +. Frequencies in kHz.

<u>FREQ.</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITI.</u>
2510	1055	SOUTH KOREA	HLK50	poor-fair with Home Service.	PG
3275	1020	PAPUA NEW GUINEA	Radio Southern Highlands	good in vernac.	PG
3290	1000	PAPUA NEW GUINEA	Radio Central Districts	very strong.	PG
3910	0800	JAPAN	Far East Network Tokyo	in EE with AFRTS prgm.	PG
3973+	1830	BURUNDI	Radio Cordac	with FF relig. prgm. Kuznecovs, SDC. Latest sked per BW is 3985 & 4900 at 0330-0515, 1630-1950.	PG
3985	0700	SWITZERLAND	SBC Berne s/on	strong in EE. PG EE news good.	CC
3995	0730	SOLOMON ISLANDS	SIBS Honiara	good in Fidgin & EE.	CC
4719+	1515	INDONESIA	RRI Ujung Padang, Celebes	carrying Indonesian Nx ex Jakarta. Also at this time Medan 4764 and Jakarta 4805.	DM
4807	0720	DOMINICAN REP.	Radio Norte, Santiago	first noted 16/11 fair with freq idents in SS. Time checks indicate on GMT-5, along with other Dominican stations. SG 0707 fair, seems all night 31/11. BC 0500 30/11 presumed SW outlet for HIA, 730kHz. CD	PG
4882	0725	DOMINICAN REP.	Radio Comercial	fair in SS. PG IW. Varies considerably from day to day. Chimes frequently with idents.	SG
4915	0604	GHANA	Radio Ghana	very poor with EE news.	AM
4945	0543	COLOMBIA	Radio Colosal	with full EE ident 22/11 requesting letters, offering cards and pennants. Very good. JS. 0505.	PG
4965	0640	COLOMBIA	Radio Santa Fe	good in SS. PG. 0658 music, good.	IW
4970	0632	VENEZUELA	Radio Rumbos	fair to weak, all night recently.	PG
4980	0620	VENEZUELA	Ecos del Torbes	good in SS. PG. 1100 LA Mx prgm.	FC
5005+	1530	SINGAPORE	Radio Singapore	with EE Nx. Also noted on 5052.	DM
5030	0859	VENEZUELA	Radio Continente	good at s/on. IW 0715-0735 s/off.	PG
5955	0845	UNITED STATES	United Nations Radio	via Dixon good, Saturdays. 0849 EE Nx till 0855, JJ nx till 0859, then EE id.	WT
5975	0700	GREAT BRITAIN	BBC World Service	in EE with Nx to Europe.	CC
5980	0600	LEBANON	Beirut	fair signal in Arabic.	CC
5980	0702	UNITED STATES	KGEI nx and gospel prgms.	IW 0709 "Golden Voice of Friendship" DM. 0740 good in EE. LJ 0825 fair in EE to Asia CS 0829 EE rig till 0859 id in EE, then RR, fair. AM 0905 in RR.	EE
5990	1700	JAPAN	NHK Tokyo	with 15 mins EE in General Service.	BH
5995+	1100	TAIWAN	Voice of Righteousness	in CC to 1120. Jammed. Hirahara/	JSWO
6012	0812	ANTARCTICA	AFAN	with pops. QRM RA 6005 from 0847. Poor.	AM
6015	0830	PARAGUAY	Radio Paraguay	fair copy some nights to 0900.	BW
6025	1200	UZBEK SSR	Radio Tashkent	good with news in EE.	FR
6045	0435	SWITZERLAND	SBC	in EE to Nth America. New freq, fair 6/11.	JM
6065+	1900	MALTA	Deutsche Welle	in AA. Ident 1900. Good.	DM
6075	0820	COLOMBIA	Radio Sutatenza	in Spanish.	JN
6090	0710	LUXEMBOURG	Radio Luxembourg	poor under VLI6 Sydney.	IW
6095	0438	ECUADOR	HCJB Quito	fair reception. Russian release.	AM
6100	0700	MALTA	Radio Canada	International relay. Fair signal.	AM
6110	1800	MALTA	CBC relay	fair in EE for Europe.	BH
6130	0945	ECUADOR	HCJB	fair with DX Party Line. CS. One night badly overmodulated 0830 with strong spurs 6115 & 6145.	BA

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
6140+	0415	BURUNDI	Bujumbura	with FF Nx. Ident 0427.	Mayer NASWA
6150	0559	GREAT BRITAIN	BBC European	Service good opening in Polish.	MF
6150+	1317	INDONESIA-WEST	IRIAN RRI	Manokwari with Indonesian ident. s/oFF 1400. New frequency ex 6185.	Yeo ADXN
6155	0803	JAPAN	Far East Network	fair with news and weather.	IW
6170	0830	UNITED STATES	KGEI	in RR to 0900. Since moved to 5970kHz.	AC
6175	0615	FRANCE	ORTF Paris	fair with FF Overseas Service. Recent nf.	JM
6340	0545	TURKEY	Ankara Police Radio	s/on with tuning signal. 0600 severe QRM from CW & carrier.	BW
6900	0455	TURKEY	Ankara Meteorological Radio	s/on, Turkish Mx & Wx till fade out 0600.	BW
6965	0600	TURKEY	Bandirma Meteorological Institute	s/on. Turkish Mx till close 0630.	BW
7065	0630	ALBANIA	Tirana	fair-good in EE. DD. Good in EE. DM. 7075 0850 EE. RS	
7095	1825	PAKISTAN	Karachi	fair with EE Nx. RS. 1930 Mx prgm after id.	DW+
7130	1030	TAIWAN	BCC Taipei	good in Indonesian.	SL
7135	0520	FRANCE	ORTF Calling Africa	with EE Nx. (Times in GMT pse Rod)	RS
7135t	0430	SWAZILAND or MONACO	TWR	poor with relig prgm in unid lang till s/off with EE ident 0434 10/11. Not hrd since.	BC
7150	0430	USSR	Radio Moscow	good with news in English.	JF
7170+	2107	GREECE	VOA Kavala	fair with EE Nx, details of new inventions.	HJJ
7205	0502	AUSTRIA	Vienna	poor on nf after USSR off. Classical mx prgm.	JM
7220	0730	AUSTRALIA	RA Shepparton	strong in Papua-New Guinea Service.	JS
7225+	1945	ROMANIA	Bucharest	with EE news and commentary.	DW
7235	1300	MONGOLIA	Radio Ulan Bator	poor in Chinese.	PO
7245	1901	CZECHOSLOVAKIA	Prague	poor in EE to Europe. New freq //7345.	JM
7250	0545	MALTA	CBC Relay	since moved to 7290. AC	
7250	0415	HUNGARY	Budapest	fair in EE for Nth America, nf //6000 noted 19/11.	JM
7265	0430	GREECE	VOA Kavala	fair with Breakfast Show. New freq noted 19/11.	JM
7270	0427	SOUTH AFRICA	Radio RSA	id in EE, then Lozi prgm at 0430. Fair.	JM
7275	0430	ITALY	RAI Rome	very good in EE.	JM
7290	0700	MALTA	RCI Montreal	via Cyclops relay fair in EE & FF. New freq //6400.	JM
7345	0350	CZECHOSLOVAKIA	Prague	strong in EE.	JM
7360	1915	USSR	Radio Moscow	fair to Europe.	JM
7395	0500	ISRAEL	IBA Jerusalem	good with nx in EE. JF Excellent & regular MS Nx in EE and French. Poor.	OS
7863	1036	THAILAND	Bangkok Met.	Radio good with Mx & EE/Thai annots.	IW
9022	1937	IRAN	Teheran	good in FF, but poor by 2000 when EE begins.	IW
9463	0231	PAKISTAN	Radio Pakistan	fair in English.	GE
9475	0244	EGYPT	Radio Cairo	poor in EE. Frequent ids. Reports welcomed.	AM
9495	0520	USSR	Radio Moscow	good with news and commentary. Israel too.	OS
9525	0205	LEBANON	Beirut	in AA and EE to 0235, fair. New freq ex 9675, but noted following day on 9545kHz.	JM
9530	0520	UNITED STATES	UN Radio	via Greenville. Multilingual prgm for Africa, good. MF 0530 News in FF & EE, following AA prgm, good.	DW+
9562	0403	PERU	Radio Nacional	fair with classical mx & ids every 15min.	SG
9570	0845	ROMANIA	Bucharest	very strong with EE news.	RS
9575	0830	ITALY	RAI Rome	in Italian to Australia.	JN
9580	1607	PHILIPPINES	Voice of the Philippines	fair in EE to America. 0945 good with EE prgm "Let's speak Filipino".	BH
9585	1000	JAPAN	NHK Tokyo	new freq for General Svce. AC 1809-1830 EE.	AC
9585	0415	HUNGARY	Budapest	in EE for Nth America. Fair, nf noted 11/11.	JM
9585	0655	FRANCE	ORTF Paris	with musical in FF, good.	CS
9590	0330	NETH. ANTILLES	Radio Nederland	Bonaire in SS to Mexico.	OC
9605+	2130	BRAZIL	Radio Nacional	Brasilia in EE to 2200, ex 14780. Padula.	DXN
9605	0606	SAUDI ARABIA	Riyadh	very good with AA music and talks.	IW

REQUEST FROM THE EDITOR.

When submitting items for Bandwatch, please check the previous month's edition. Too many entries for this section are repetitive and are therefore not included, unless of further interest due to their rarity etc.

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
9610	0429	ETHIOPIA	Radio Ethiopia	at s/on with Amharic Nx 0431.	Fair.JM
9625	0630	VATICAN STATE	Vatican Radio	with Mass. Also on 9660 & 11790.	AC
9625	0600	SWITZERLAND	SBC	poor opening in GG, mixed CBC Northern Service. New frequency ex 15430kHz.	JM
9630+	1107	PHILIPPINES	VOA	Tinang good with news in Indonesian.	HJJ
9630	1829	MALAGASY REP.	Radio Nederland	relay poor opening in AA.Mxd.	BC
9630	2153	SPAIN	RNE Madrid	with int.sig.JN.2355 good.RC. 0300 Exo SS.	CC
9655+	1145	THAILAND	Radio Thailand	in Vietnamese. EE ids ever 15 mins.	JM
9670	2030	PORTUGAL	IBRA Radio	Sines good with EE rlg, Saturdays.Good.	CC
9680	0330	ROUMANIA	Bucharest	in Roumanian. Good in EE from 0400.	CC
9690	2020	UNITED STATES	WYFR Oakland	EE gospel prgm to Europe. //11850 heard to close 2045.	BH
9700	0400	BULGARIA	Sofia	good in EE to Nth America.250kw?00 0410 good.	GB
9715	1746	KUWAIT	Radio Kuwait	with EE Nx and pops,exc.03 2000 requests 2220? excellent with requests in EE.	RS FE
9720	1930	SRI LANKA	SIBC Colombo	testing to UK and Europe with frequent EE ids.Poor due USSR co-channel.Also 11800 poor,15120 inaud.	JM
9755	0400	CANADA	CBC	replaces 9655 for EE to Nth America.AC. good reception.MF 0402 Nx and Cmt in EE good.	JF
9785	2044	ISRAEL	Jerusalem	good with Nx in EE.JF. 9815 good in EE 1959 to 2015.RC. 9815 at 2000 //15100 & 12025 with feature prgm.	BH
10040	1015	NORTH VIETNAM	VOV Hanoi	nx and commentary in EE, good.	AM
10120	0600	CLANDESTINE	Radio Espana	Independiente fair in SS. Announces a 1400 broadcast in 17,19,21 & 25 metre bands.MF. Also noted on 7689 at 0656 with ident and s/off in SS.	DM
11705	0120	MALTA	DW Relay	in EE to Sth Asia.Good level.CC 1710 EE to Asia	BH
11710	0545	FRANCE	ORF	with EE Nx,good.JF 11735 fair with EE for Africa.	CE
11720+	1330	SWITZERLAND	SBC Berne	fair with details of a competition.	CR
11725	0500	CUBA	Havana	in EE to s/off 0600. Also 11750 & 11760.	AC
11730	0800	WEST GERMANY	Radio Free Europe	in GG,PP & EE,excellent. "Morning Music", poor due jamming.	FC FR
11740	0630	VATICAN STATE	Vatican Radio	vg with Latin Mass.MF 0715 Sun.	JA
11755	0230	SWEDEN	Radio Sweden	in EE.Splatter from BBC. (ex 11705? Ed)	FC
11765	1905	BULGARIA	Radio Sofia	good with news.	FR
11775	1313	SWITZERLAND	SBC Berne	very clear in EE to India.	MF
11790	0400	ROUMANIA	Bucharest	good in EE - new frequency?	SE
11800	0530	ETHIOPIA	ETLF	fair opening in EE.SL 0540 gospel prgm poor. 11795 noted with EE talk at 1900.	ME DL
11800	0245	SRI LANKA	Colombo	probably the prgm with Indian type mx & EE advt at 0258. Fair.(Unlikely to be AIR Bombay Ed)	EG
11805	2028	UNITED STATES	WYFR Family Radio	to Nth Europe. EE ident and classical mx prgm at 2030.	JM
11805	0336	UNITED STATES	AFRTS Delano	250kw to Far East good in EE.	EGr
11815	0334	POLAND	Warsaw	poor in Polish to North America.	LA
11830	1950	ETHIOPIA	ETLF	in EE to West Africa.Fair on new freq 29/11.	JM
11835+	0400	ECUADOR	HOJE	quite EE ident then Roumanian prgm.	EW
11840	0300	PORTUGAL	Lisbon	poor with EE Nx & Tourism feature.FE 0310 EE.	GB
11855	0745	CZECHOSLOVAKIA	Prague	good in EE to Asia.MF 0830 good.GB 0840 exo.FGr 0845 fair in EE.CS. 0545 EE to Asia(Sure abt time?Ed)	ME
11855	1730	SAUDI ARABIA	Riyadh	in EE to 1930.BW. 1900 EE Nx poor.	BH /RG
11865	1830	CANADA	Radio Canada	International in EE to Africa.Noisy.	JS
11870	0700	SWITZERLAND	SBC	in EE to Pacific.AC 0900 fair.1730 AA fair.	CC
11880	2200	TURKEY	TRT Ankara	with Nx, fair till blocked 2215 by VOA 27/10.	FR
11890+	0920	PHILIPPINES	FEBC	Radio International good with rlg & nx prgm.	FR
11905	2137	UNITED STATES	UN Radio Greenville	50kw in EE poor.FF 2217.	FR
11925	0300	SPAIN	RNE Madrid	good signal in English.	FR
11930+	0540	CUBA	Radio Havana	good with prgm of music & songs.	GB
11940	2315	SINGAPORE	Radio Singapore	in EE. Nx 2330. Fair noted 16/11.	SE
11940	0645	ROUMANIA	Bucharest	poor reception.MF EE to Pacific,fair.CC.	CC
11945	1900	AUSTRIA	Vienna	signs on with a good signal.	AC
11955	1514	MALAYSIA	BEC Far East Station	opening relay transmission.	WF

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
12025	1800	NORTH VIETNAM	Hanoi	with EE Nx.AC. 12035 fair in EE 1000.	Pgr
15120	2025	VATICAN STATE	V.R.	with EE Nx till 2030. EE again at 2045.	NR
15125	0315	TAIWAN	BCC Taipei	fair signals in English.(17890 poor 02400S)	DD
15130	1130	SPAIN	RNE Madrid	s/on in SS with idents, news & music.	PCd
15150	0230	CHILE	Voz de Chile	Nx & Mx in EE,good. EE sked at 2230,0030, PE 0230,0430,1020,1220.NR Fair in SS s/off 0512.JS. 0435 EE good	PE
15155	1755	SOUTH AFRICA	Radio RSA	very strong with int.sig.GG frm 1800.	TM
15155	2049	CUBA	Havana	fair with nx & cmt in EE.CS 2109 cmt in EE good.	JF
15175	1030	USSR	Radio St.Peace & Progress	good. Also 21635 exc at 0900RSCS in EE.PGR.21745 at 0915.GB 11820 in EE 1337 HJJ+ 21600 0815 JS	SCS
15180	0900	INDIA	AIR	excellent with dictation nx in EE.(15190 @ 1000 JN)	CC
15190	1808	CONGO	Brazzaville	strong in FF "La Voix de la Rev. Congolaise"	
15195	1131	AFGHANISTAN	Kabul	in EE,poor due QRM VOA in SS.	Pgr /TM
15240	1535	YUGOSLAVIA	Belgrade	very good with EE Nx and cmtry.	PE
15245	1805	ZAIRE	Kinshasa	fair strength but clear in dialect. Strong in FF at 1835. Heard to past 2030.	TM
15245	1315	ETHIOPIA	ETLF	s/on in EE with Nx,fair. QRM Cologne later.	JM
15250	0646	ROUMANIA	Bucharest	fair in EE. JS 0650 discussion in EE.	DW+
15275	2145	NETH.ANTILLES	Norea	Radio via TWR Bonaire rlg prgm in Norweg.	JM
15305	1900	ECUADOR	HCBJ	good to Europe.PR 2000 good//11740.MF 2130 in SSC	CC
15325	1850	MALTA	Radio Canada	relay //17865,6110 and 9690 ex 9525.	PR
15325	1400	SEYCHELLES	FEBA	EE Ident & frequency anncts,then Nepali. Poor due splash from Deutsche Welle 15320.	JM
15345	0435	KUWAIT	Radio Kuwait	EE Nx poor.CS.0535 weak.GB. 0540 EE pop mx exc.FE. 0648 very good in EE.DW+ 0701 pops,gone by 0716.	AK
15350	1935	LUXEMBOURG	Radio Luxembourg	poor in FF with light music.	SL
15370	0200	TAIWAN	BCC Taipei	s/on for EE service.JN+. EE mx good 0230.	PE
15415	0830	CZECHOSLOVAKIA	Prague	good in EE.SL. 0908 Sat & Sun only with EE service at this time //11855 & 21700.	JM
15415	1700	KUWAIT	Radio Kuwait	poor in EE to Europe.//9715 for Asia good.	BH
15425	1407	HOLLAND	Radio Nederland	fair in English.	LA
15425	0210	SRI LANKA	Radio Ceylon,Colombo	relaying BBC world News. 1045 EE at fair level but bad QRM.	DM FO
15430	0630	JAPAN	NHK	European Svce fair in Swedish.New freq fair 18/11.	JM
17700	0600	AUSTRALIA	RA Lyndhurst	relaying test cricket //21455 & 21725. 0100-0330 //17850,17860.CC BC 0050 JN+ 17850 at 0200.	JS BH
17715+	1118	MALAGASY	RN	via Talata poor-fair in DD with news.	HJJ
17775	0650	ROUMANIA	Bucharest	poor in EE to Pacific area. New freq 10/11	JM
17775	1800	UNITED STATES	WINE	fair in EE with rlg pgm.New freq.JM. 1830.	FR
17780	0511	SOUTH AFRICA	RSA	fair in FF.JS. 0620 fair in EE to West Afr.	BH
17810	0035	PHILIPPINES	FEBC	good with rlg pgm.JF Poor.MF 0230.PR 0430.	CS
17815	0900	SAUDI ARABIA	Riyadh	with Koran readings,then AA at good level	NR
17920	1313	EGYPT	Cairo	good with Asian Service in English.	MF
21465	0725	EAST GERMANY	Radio Berlin	International poor with Tx details.	CS
21475	0835	BELGIUM	RTB Brussels	in Dutch to Africa on Sundays,fair.	JL
21495	1800	PORTUGAL	Lisbon	fair with EE prgm at this new time.	BC
21540	1716	UNITED STATES	VOA Bethany	new freq in African langs.S/off 1800	
21580	0837	FRANCE	Paris	good in FF.CS. 0903 Ident in FF.	JN+ /BC
21635	1757	NETH.ANTILLES	RN	via Bonaire exc in Dutch most days s/off 1820	
21665	1030	USSR	Radio Moscow	'Mayak' pgm jamming RFE,nf//21450,21510.BC/BC	
21675	0827	AUSTRIA	Vienna	in EE poor.CS.0830 strong to NZ.CC SL fair.	JS
21730	0230	PAKISTAN	Islamabad	EE dictation nx,exc.BC Good //17830.MF AM SL 0651 //21590 poor.JS 21590 in EE at 0700.TM JS 0430 in EE.DW-CN	AM SL

Sorry but a few omitted to squeeze in.Thanks to contributors, 36 this month!
 KC Robin Chambers; JS Jack Searle TM Tony ... BC Bryan Clark IW Ian Wells
 FO Paul Ormandy RS Rod Sainy DD Des Davey MF Mike Fokker GB Garry Butler
 AC Arthur Cushen MS Mike Smith NR Nigel Robins CS Cecil Symmes
 JM John Mainland JF Jack Farrow PG Phil Garden JA Jonathan Aitchison
 AM Andrew Mitchell SL Stan Larking PE Paul Edwards DM Dallas McKenzie
 CC Colin Campbell FR Paul Rawdon PGR Peter Greener SG Steven Greenyer
 BH Bill Huddleston LJ Lance Johnston LA Lance Andrewes BW Barry Williams



Inflation has hit the broadcasting industry and the Voice of America has reduced its daily output from 119 to 108 hours. The BBC Domestic services are also being affected. November saw the introduction of many new frequencies, and as well, our customary blackout in reception occurred for the seventh month running, and predictions are unfortunately for further poor reception in December and January particularly at the beginning of the month.

ALL TIMES ARE GMT - add 13 hours for N.Z. summer time.

ALL FREQUENCIES KHZ

Australia: Cricket test commentaries to New Zealand are being carried on 17700 throughout the day's play. Before lunch, 17850, 17860 are available to the United Kingdom, and after lunch to end of play 21455 and 21725 are being used.

Austria: At 1900 Vienna on 9710 suffers jamming, but 11945 is well received.

Canada: 9755 replaces 9655 between 0300-0600. English to North America is at 0400-0500 repeated at 0500. Some relay base changes are: 0530-0730 Daventry 6070 is replaced by 7155, and Malta 7250 is replaced by 7290.

Cuba: Havana is heard in English on three frequencies at 0600. Their schedule is now: 0100 - 0450 11930, 0100-0600 on 11725, 11760; 0350-0600 on 11750 which is mixed with the BBC when closing.

Czechoslovakia: Prague is heard in English to Australia and New Zealand from 0730-0800 on 11855 15415 21700. From 0830-0900 and 0900-0930, Saturdays and Sundays, Prague uses the same frequencies.

Ecuador: HCJB is heard 0830-0900 on 6170 and again 1100-1230 at good strength. 15505 is also noted to Europe 1800-2200.

Germany: Deutsche Welle is currently to Australia and New Zealand in English 0930-1030 on 9650 11850 11925 15275 17780 17800 17825 and 21540. From 2100 to 2200 on 6185 7130 and 9765.

Netherlands: Radio Nederland's DX Jukebox will include another talk by me on the subject of Handicapped Aid, on Thursday 19 December.

Japan: The General Service is heard opening at 1000 on the new frequency of 9585.

North Korea: Pyongyang has English from 0500-0600 on 9410 9977; from 1800 - 2000 on 9410 9977; 2000-2200 on 6577 and 9410.

Kuwait: 9715 is now being used in place of 11825 for the English transmission to sign off at 2000.

Lebanon: Beirut's Home service can be heard with arabic announcements at 0600 on 5980.

United Kingdom: The BBC World Radio Club will be retimed from 4 January 1975. From that date the broadcast will be on Wednesdays at 1330 and 2315, and Friday 2030; Sunday 0815. The Sunday transmission will be the best for the Pacific area.

U.S.S.R. Radio Moscow's service to Australia and New Zealand is carried from 1100-1200 on 629 1250 5960 7380 9780 12060; from 1200-1230 on 7380 9780 12060 returning to all the 1100 frequencies at 1230-1300.

Vietnam: Hanoi on 10040 and 12025 is heard in English at 1800-1900 at good strength.

BANDWATCH CONTRIBUTORS continued....

The Australian Contingent- Rod Robert Crawford JN John Newman DW Dick Whittington CR C. Richardson HJJ Hans de Jong.
Overseas Clubs- Southern Cross DX Club(SDC), Japan SW Club, Australian DX News, North American SW Association

SEASONS GREETINGS TO ALL OUR CONTRIBUTORS. GOOD DX IN 1975!

..sign off..

LAITAN. Current schedule of BCC Taipei is English to Nth America, Far East & Pacific 0200-0350 on 890, 5980, 7120, 9685, 11825, 11860, 15125, 15370, 17720 and 17890kHz. To Europe in English 1900-2000 on 9685, 11825, 11860, 15125, 15370, 17720 & 17890. Paul Edwards.

RADIO RUMBOS, Venezuela verified a reception report with an airmailed SL card in English. The station transmits on 9660(YVLM 10kw), 4970(YVLK 10kw), 670(YVLL 50kw) and 570(YVLX 50/100kw) with Spanish programming 18 hours a day, using Latin America's tallest transmitting tower - 275 metres. Radio Rumbos heads a nationwide network of 15 stations, and has led Venezuelan audience ratings for many years.

T.Akabayashi, JSWC.

1000 μ Fd REWARD


for

HOPPALONG CAPACITY

of the Delta Star Network, who escaped from a primary cell armed with a carbon rod and sal ammoniac.

Characteristics: Tall, long phase (face) with Leydon Jar complexion, cats whiskers moustache, crystal blue eyes and an air gap between his teeth. Wanted for the induction of an 18 year old coil and the stealing of her joules. He will be charged with a salt and battery. He was last seen riding over Wheatstone Bridge on his megacycle, heading for his ohm(home) town. EKF's in search coil-s have been ferrite-ing for him in neighbouring magnetic flux fields.

Caution: Capacity is dangerous and will offer a high resistance to arrest.

Signed Die Electric(Sheriff),
Eddy Current(Chief
Copper Loss) 

FINLAND's current English schedule, in effect till 2 March 1975 is 0300-0330 to Nth America on 9550, 1400-1430 on 9550 & 11755 to Europe, 15185 to Nth America and 21605 to South America. 1600-1630, 1800-1830 and 2030-2100 on 15185 to South America and 9550 & 11755 to Europe. 15155 is best heard, being 100kw. Paul Edwards

New Zealand Radio DX League

ADMINISTRATIVE OFFICE

P.O.Box 1343, Invercargill.

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

EDITORIAL OFFICE

P.O.Box 2956, Wellington.

Only queries regarding content and distribution of the Times should be addressed to Wellington.

Closing date for contributions:-

First Wednesday of the month.

Advertising:- 50 cents up to 30 words. Other rates on request.

ANNUAL SUBSCRIPTION: NZ\$4.00.

Joining fee surcharge of NZ\$1.00 for new members. Rates to overseas supplied on request.

FRIEND WANTED. Mr Timo Ruusuvuori of 29500 Noormarkku 2, Finland, a member of SDKK (Finnish DX Association) wishes to correspond with a NZ DXer, who can inform him about the NZ way of life. He is 17 years old, with DXing and stamp collecting as his favourite hobbies.

POWER GAME, CONTINUED. RTV Tunisienne has purchased two new Telefunken transmitters for operation from October 1975. One is 600kw shortwave to be installed at Sfax in south Tunisia, beaming the national programme in Arabic to the Middle East. The other will be 350kw MW, located at Gafsa in south-west Tunisia and transmitting in Arabic to North Africa.

Kirche und Rundfunk, SCWers.

CLANDESTINE, The Voice of Kurdistan in Iraq, has a daily English Service at 1900 GMT on 1060, 1190 & 1500kHz MW and frequencies in the 49, 40 and 30 me re bands SW. Broadcasts have been heard on 5865 and 10050kHz, but frequencies have varied from day to day. Kurt Ringel FRG via SDKK.

RADIO KOREA's first overseas broadcasts were beamed to Hawaii. Then followed Japanese and English transmissions, and in the late 1950's, French, Russian & Chinese were added. 250kw will be introduced in 1970 and a mammoth building complex will open in 1976 for Radio Korea operations.