



NEW ZEALAND DX TIMES

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BIGGEST CIRCULATION DX MAGAZINE IN THE SOUTHERN HEMISPHERE
323 PAYING SUBSCRIBERS AS AT AUGUST 31, 1975.

Lloyd Clayden 1923-75

Senior members of the League will mourn the sudden passing of one of NZ's leading MW DXers of the 1950's and early 1960's. Lloyd Clayden began DXing in his late teens from his uncle's farm at Matakana. Following army service in the mid-1940's, Lloyd returned to DXing from what was to become one of NZ's choicest DX locations - the Whangaparaoa Peninsula, some 30 miles north of Auckland. Over a 1000 broadcast band QSL's had been amassed by 1960, over 650 of these from North America. 250 watters were commonplace and were verified from all but a couple of American states. A 50w Alaskan was typical of his prize catches.

Lloyd's other interests were diverse, including astronomy, birdwatching, geology and gemstone collecting, but even in recent years he kept an ear on the DX scene, and the warm hospitality of the Clayden's towards DXers visiting Whangaparaoa is well known. His untimely death at the age of 52 occurred 29 August. The League was represented at the funeral by Barry Williams and Tony Marr, and by former members Ray Pritchard & Des Gates.



50 years ago on 30 August 1925, the NZ Broadcasting Company was set up, the beginning of 'organised' radio in this country. A series of 5 one-hour commemorative broadcasts can be heard on the National programme, Tuesdays at 7.30pm during September.

League AGM

The 1975 NZRDXL Annual General Meeting will be hosted by North Otago Branch at Oamaru on Saturday 27 September at 1.30pm. Venue is the Brydone Hotel, with lunch available before the meeting, between 12.00 and 12.30pm.

Change in Closing Date

Effective from next month, the closing date for contributions to the Times will be the first MONDAY in the month. This change is necessary to ensure continued production of the magazine in its present form and will allow major changes in the Wellington Branch Magazine Committee. The Times should still reach subscribers at the same time as before.

Ill Omen for SWL's

See page 2 for a 'bombshell' from Radio Canada.

CLOSING DATE FOR NEXT ISSUE: MONDAY 6 OCTOBER. NOTE NEW DAY OF WEEK.
DETAILS OF YOUR DX, QSL'S AND LADDER TOTALS TO BOX 2956, WELLINGTON.

FROM THE BRANCHES

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SOUTHLAND The August meeting saw 12 present at Ray Crawford's, including Chris Martin from Sydney. Topics included Inter-branch Trophies, competition result -s and DX. After supper, Chris showed slides taken in Melbourne and Adelaide during the DXcursion visit from New Zealand last March. Competition Results:- BCB Steven Greenyer HJLK 1230 1kw and Merv Branks Sharjah 1535 50kw. Merit to Ray Crawford HJOG 1300 1kw. SW to Arthur Cushen Ankara 15165 and Steven Greenyer TGVN 3360 1kw. The branch AGM was held 30 August at the home of our Patron, Mr & Mrs Owen Crawford. There were 12 members present, while wives & girlfriends were entertained in another room until business was completed. Major positions on the new committee: President Harry Searle, Secretary Irene Simpson, Treasurer Neville Henry, PRO Arthur Cushen. Major annual awards - Best of Year BCB Keith Robinson WMID Atlantic City, NJ, 1340 250w; SW Ray Crawford Reunion 2446 4kw. Marsh Trophy shared by Steven Greenyer & Neville Henry. PAL Trophy and Australian Broadcast Cup, both to Sutton Burtenshaw.

OTAGO The branch AGM was held 31 August with 6 present and 4 apologies, and it was a lively meeting despite the low attendance. The Annual Report showed the past year to be disappointing in some respects and attendances have remained about the same despite major efforts to attract new members. Officers for 1975/76- President Ash Nallawalla, VP Philip Garden, Secretary Graeme Shillito, Treasurer Denise Shillito, Competitions Judge Jonathan Aitchison, News Editor Philip Garden, Social Committee Ash, Philip, Graeme & Graham Pont. Branch newsletters requested to 28 Thomson Street. Outgoing President Graham Pont presented Annual Trophies: BCB Best of Year G.Shillito JOTL 1490 1kw, Longbeach Cup P.Garden; SW Best of Year Ghana 4915 10kw & Coronation Cup to J.Aitchison. President's Shield (Most BOM's) J.Aitchison & P.Garden. A DXpedition to Mt Cargill is being organised for 20 September.

NORTH OTAGO 11 attended the August meeting at Norm Sinclair's with a welcome visitor Stan Vincent of NZART. Plans were made for rebuilding the Listening Post but it will be some time before things are back to normal. An auction is to follow the branch AGM at Kakanui on 6 September. Competitions: SW to Paul Ormandy with Norway 6180 and P&P 15130. BCB to Philip ? with 3ZM and Radio Tropicana 540. (See page one for details of LEAGUE ANNUAL MEETING)

WELLINGTON 13 attended the Branch AGM at Bryan Clark's on 31 August, including Southland member Tony Magon. Incoming committee: President Bruce Williams, VP Jack Farrow, Sec/Treasurer Nigel Robins (P.O.Box 43021, Wainuiomata), Competitions Judge Paul Rawdon, Capital DX Editor Brian Oliver. John Mainland was elected Convention Convenor to oversee various convention committees. Discussion centred on the 1976 Convention and the DX Times. Annual Trophies: Gurney SW Cup-Dene Lynneberg Polish Pathfinders 6852, McKenzie MW Shield-Bryan Clark CJFP 1400, Merit Trophy-Nigel Robins. Monthly Competitions- SW Senior TWR Swaziland 9590 Bryan Clark, Junior ELWA 15170 Nigel Robins & VOA Munich 3980 Paul Edwards. BCB Nth Am-KRIO 910 5kw Bryan Clark, Open-KGMB 590 Paul Edwards, A/NZ 6DL 530 Paul Rawdon.

Continued from Page 1.

What was probably the largest club for SWL's in the world, the Radio Canada Shortwave Club, is to be disbanded on 2 November. Radio Canada International's QSL policy, only recently reduced to a 'no-details' format, will also be practically non-existent in future, taking on a procedure that must have ominous significance to the SWL hobby's future.

No further QSLs will be issued until Spring 1976. (presumed our next March) At that time, each RCI programme schedule mailed out will be accompanied by a newly designed QSL verification card with a special Olympic motif. This card will be completed by the DXer and mailed into RCI for verification and return. One such card will be included with the first programme schedule mailed each successive year, which seems to indicate an annual quota of 1 QSL a year from Montreal!

The reasons for the policy change are not fully apparent yet, but the move will certainly be greeted with dismay by the DX fraternity.

BROADCAST DX

3 with Bryan Clark

2XG WELLINGTON 890 Khz

AUSSIE QSL's MORE 'EXPENSIVE.'

Radio Rhema's second one-day licence was activated last Saturday 6 September. Reports and tapes are requested along with frank comments on their programmes. If you caught their signals, drop a report to Rhema HQ and P.O. Box 2420 Christchurch. Correct reports are promised a prompt QSL.

Another postage hike in Australia means airmail to New Zealand will be 25 cents for letters and 20 cents for postcards. Sea Mail will be 20 cents for both. This could affect the attitude of some commercial broadcasters towards DX reports, so return postage on Non ABC stations could become a 'must.' Remember the Stationery Secretary, Invercargill can supply both Australian and US stamps at face value.

The Latin American season is practically over for this year, with Southland members reaping a few QSL'S for their efforts at Tiwai. Your editor has just had a report to XEPOP Radio Mundo 1490 returned unclaimed - can any of our American readers help here? The frustration of LA DX can be seen from the following statistics relating to South and Central American SS stations logged by yours truly on MW. 1971 - 19 logged 2 QSL's; 1972 - 3 logs 1 QSL; 1973 - 13 logs 5QSL's; 1974 17 logged with 9 veries (a good year) 1975 - 11 logged 2 QSL's to date.....

Member Ralph Sanserino, 8422 Crane Circle, Huntington Beach, California sells kitset MW loops of an advanced design and also provides details for the construction of a supporting preamp. Send him a couple of IRG's for details by return mail if you're interested.

PHILIP BROOKS, Wanganui leads off with QSL's only from Fiji 560 5DN 2ZG and 2NZ. Good to hear from you Phil.

GAVIN BENNETT, Invercargill has them off to KJJJ KNEW Fiji 910 KGA KGIL 1ZH with QSL's from 2ZP 3ZC 4WK KHVH and VQO. Your Fiji 910 certainly not audible here yet. Appears no domestic Radio NZ QSL's likely to be printed for a while yet.

ARTHUR CUSHEN, Invercargill has one back from 4WK with reports off to Samoa 1120 8GO JOPK.

JOHN ALLCHIN, Auckland has reports off to 2ZB 1ZD 2UE 2RG 3DB 4BC 3BA 2IM with QSL's back from 5DN 2GB 1XW 4BK 2UW. Your unidentified one is Voice of Reunification, in Korean on 1135. Believed to be North Korean. Scheduled 1000-1600.

BEN BOWLES, Hastings has reports off to 3SH 2WG 3LO KTOM KGMB KDAY WVUV Noumea 670. Rewards from 16 NZ's and 2NC WL SL KY AY GB UE NZ GZ BL 3DB NE 4MK QR QY 5RM 7AD

TONY KING, Wellington. Supreme effort -one off to Rhema

ALAN ROBSON, Christchurch has logged Samoa 1120 Fiji 890 ZK2ZN with QSL's in from KING Fiji 890 XET plus penn, Paradise 1265. Welcome back Alan.

STEVEN GREENYER, Invercargill has logged R Hong Kong 545, got 'im back, and also QSL's Calidad 1230. Buenas!

BRIAN OLIVER, Eastbourne has reports off to 2BA CY 3CV GI MA WL Fiji 1470 with Veries listed as 2BA CY WG WN 3CV DB GI TR WL WN YB 4BH LG MB MK NA 5AN. Yanks soon Brian!

BRYAN CLARK, Wellington has QSL's from KRIO 910 3ZC and 5AN

PAUL RAWDON, Lower Hutt has nil out but 'em back from 1ZM 2NU WN ZP and 6DL.

RAY CRAWFORD, Invercargill has none out either but cards back from Turkey 926 KDKA KPRC 950 5UV 530 Nuie 620 and HJOG 1300. Best of Health Ray.

PAUL EDWARDS, Wellington has logged WVUV and QSL'd KGMB.

ROBIN CHAMBERS, Opunake has reports to 4JK 4WK with veries Dresden 1043 and XEPRS. Thanks for article.

CONVENTION '76 WELLINGTON 6 - 8 FEB

BRUCE CAVANAGH, Invercargill has logged 4 854 4YZ (desperate!) and 6IX with rewards from XERF 4YZ 4KQ and 5DN.

PAUL ORMANDY, Oamaru has logs only to XERE WXLE KFBK and KDAY. Re your 1580 - VOA Bangkok here in EE and Far East Network in EE too, not JJ.

JACK FARROW, Lower Hutt has QSL's 2ZN 2YZ 3YA and 3YC. Mounting up!

GORDON HUTCHESON, Kaiapoi has reports to 1ZA 4QD 2JJ 3YW Hauraki with QSL's from 2ZH 3NE 2WN and 4QD. Hope flu gone, With a loop antenna you should be able to null 1XI and catch KDAY.

DES DAVEY, Te Kuiti has veries from Tonga 1020 and 2WL. Will squeeze your antenna setup in when space permits.

CHRIS MARTIN, NSW while visiting NZ in August logged WLAC KJJJ and Cooks 600.

854 Bucharest fair good 1835
 917 Makhachkala Mayak 1900
 926 Izmuir poor 1902
 998 Kishinev mixed Belgrade 1840
 1034 Tallinn fair 1840
 1040 KHVH good CBS news 1215 GB
 1043 USSR Mayak //917, 1088. 1900-1905
 1097 Bratislava exc 1905
 1115 Italian good 1840
 1124 El Beida mixed unid EE pops
 1160 Strasbourg fair overAA 1845 24/8
 1230 Two JJ mixed 1840
 1232 RMC Cyprus exc 1840
 1259 VOA Rhodes exc 1840
 1376 USSR regular 1845
 1448 Libya good AA 1845
 1457 Rumania strong 1845
 1466 Monte Carlo fair 1845
 1525 Urunchi in RR exc 1845
 1529 Vatican good 1845
 1570 DW Malta good 2050
 1602 Germany fair good 1840

Contributors: Gavin Bennett, Bryan Clark, Paul Ormandy, Robin Chambers.

BROADCAST TRAIL

EVENING

540	Radio Tropicana good 0615	RCh
570	4JK over 2YA 1045-1115	RCh
590	CMW exc 0615	RCh
740	Tahiti bad fading 0555	PO
770	KOB Voice of Prophecy 0552	RCh
773	Weak sigs 0530 RNE Spain ?	RCh
844	VTW nx fair 0940	PO
910	Fiji in EE/Fijian. VG 1030-1050 29/8. KJJJ earlier, KNEW later (GB) Test or image? Not audible in WN yet (BC)	
990	XET VG 1136	PO
1020	Tonga fair 1011	PO
1030	VQO exc 0940 21/8	RCh
1034	CSB2 Lisbon good 0530 17/8	RCh
1270	CMJG nx time checks 0550	BC
1380	XECO good 0615	PO
1385	WXLE ID in EE and local dialect 0938 (BC) 0712 1104 (PO)	
1510	KGA good thru 2NA 1130	GB
1530	XEUR mixed Yanks 0630	PO
1570	XERF good all night	GB PO
1580	KDAY VG 0815	GB

MORNING (all from Robin Chambers)

566	Two UNID Europeans mixed 1920
575	Russian fair 1920
665	Kaunas good with 2YG nulled
737	Israel 1910-1930 good
740	JOOR exc 1830
773	Cairo fair/good 1830
845	Rome good 1835

BEST OF THE MONTH

SENIOR

HJOG Cartagena, Colombia
 1300 khz lkw 156 points
 Ray Crawford

JUNIOR

Radio Paradise, 1265 Khz
 50kw 131 points,
 Alan Robson

DX NEWS FROM EUROPE & AFRICA

GREECE YENED Athens 953 ex 1142 with 200kw. YENED 1142 ex 953 with 10kw

Arctic Radio Club/Sunspot

IRELAND RTE's new 500kw tx for 566 Located at Tullamore will come into operation shortly. SCDX 19/8

MONACO TWR 1466 should now be 200kw. The new tx on 701kHz is used by TWR with Italian prgms to 1930. NRC/SCDX

UPPER VOLTA 737kHz is now 100kw. IRCA Bobo-Dioulasso 1586 is increasing to 50kw. WRB via NRC

AUSTRIA 1475 is now 600kw. Reports requested to ORF Abteilung Sendernetzplanung, 1136 Wien, Austria. SCDX

POLAND The Polish National Prgm II is aired by a new powerful tx at Koszalin on 1205kHz. SCDX

REPORTING LOCALS

5

The novice DXer takes his first steps logging locals. It's the quick way to build up a numerically impressive array of cards, and it sets the new DX'er on the road to winning all those Ladder awards. It is also the time when your standard of reporting is established - for better or for worse - and it is also the time to take into consideration what this reporting business is all about.

The DX'er has one objective - to receive a QSL card.

The station has no objective, obligation or responsibility to the DX'er and his report, and unless it feels so inclined, the station need not acknowledge your mail. The New Zealand broadcasting scene with its refreshing competitive element more or less makes it obligatory for the local stations to respond to listener mail, but reports have to be of some value for them to respond favourably. It is very easy for a casual style to creep into local reports, but as Chris Prouse, General Manager of Broadcast Services and Products Ltd affirms, local reports are very important to the newly established broadcaster. Broadcast Services and Products Ltd, broadcast engineers and consultants, provides the full studio and transmitter technical services for Radio Windy, Radio I, Radio Hauraki, and Radio Otago, along similar lines to New Zealander Alan Roycroft's company in Hawaii. DX reports to Radio Windy have shown an interesting reception pattern, and it has been of considerable interest to all companies to hear how well, and where they are being heard. Rick Renner, the company's representative at Radio Windy, summarised the following as useful relevant ingredients in DX reports to the private stations.

Signal Report

- 1) Signal strength comparison with other stations in the same city. i.e. 2XW compared with 2ZB ZM YA YG. Rate them according to strength.
- 2) Intelligibility : clarity of spoken material. Considerable importance is placed on this aspect as is reflected in the report content.

Fading comment and SINPO ratings are of NO interest to the medium wave broadcaster from listeners outside the primary area, although details of local weather conditions at the receiving point are of assistance.

Programme Content

- 1) All times in NZT a.m. and p.m.
- 2) Tabular report (No continuous sentences "I've just picked you up and you've just said it's 2 minutes to 5.")
- 3) Fully report station identifications
- 4) Report phone numbers aired in ads or promotional announcements.
- 5) Name disc jockeys if named on the air
- 6) List commercials and record titles.

In items 3 to 6 above the intelligibility aspect is appraised for the signal report.

The overall standard of reports from New Zealand DXers to local stations is high, but it is hoped this closer appreciation of the true value of a DX report will bring in more relevant appraisals of local station performance.

CONVENTION '76 WELLINGTON 6 - 8 FEB.

PACIFIC ASIAN REPORT

6

QATAR The new 750kw MW transmitter is due on air during September, improving local daytime coverage and providing after dusk service to most parts of the Middle East. BBC MS. Frequency is believed to be 952kHz. SCDXers

JORDAN was due to begin testing of it's two new 1200kw MW transmitters recently. Frequencies have not yet been established but 590 and 1495kHz have been suggested. WRB via NRC

IRAQ Radio Baghdad's new 1038kHz station at Babylon is 1000kw beamed to Nth Africa, but it has been suggested that output is greater than a megawatt. NRC

SOUTH VIETNAM is now GMT +7, parallel to North Vietnam, rather than the previous GMT +8. Glenn Hauser NRC

PHILIPPINES DZWT 540 now uses 10kw according to a verification from Mount Province Broadcasting Corporation, Box 71, Baguio City. S/off 1600. A.Cusher

AUSTRALIA 4MS Mossman 600 opens at 1900 GMT carrying ABC Queensland Breakfast Show in the clear apart from 7ZL tone tests. At 1932 it is blotted out by sign-on of 4GY. Sutton Burtenshaw

7EX 1010 is no longer all night. Noted at s/off 1500 Saturday. Merv Branks
4KZ 530 is now 5kw. Chris Martin An Australian University newspaper report indicates that there has been a plan to operate a network of stations at Royal Melbourne Institute of Technology (3ST) and Caulfield/Monash (3MU) with 3 low power transmitters providing coverage for most of Melbourne's tertiary students. Nick Langmaid ARDXC

2EA Sydney 800kHz uses a 500w transmitter supplied by AWA and aerial towers erected on the front lawn of AWA's Ashfield factory. Studios are provided by the Christian Broadcasting Association. For 'technical reasons' it has been necessary to ensure that programmes are heard only in an area within 16km of Ashfield. (Go to it Merv!) The station was established to broadcast to ethnic communities for an experimental period of 12 weeks starting on 9 June. Following a report to Federal Govt in September, the future of 2EA will be decided. Transmissions are currently 6 hours daily, in Greek, Italian, Turkish, Yugoslav dialects, Arabic, Maltese and Spanish. Programmes are 70% music & include explanations of Government policy. D.Ricquish BC
2JJ Sydney 1540 is campaigning for a power increase to at least 20kw and the station has been closed down several times by staff as a protest at the present low power (2 or 10kw?). Advertises over 2JJ urge listeners to write to the ABC or the Minister for the Media, and more than 4000 signatures have been collected in petitions. David Ricquish

3ZZ 1220 may become a 2JJ-style rock station, due to poor support for it's access role. A working group will report it's decision on 20 September and it seems likely that the access aspect will be transferred to the Ethnic station 3EA. According to Federal Govt, the decision is for the ABC. BrW

A parliamentary enquiry into the ABC is a possibility as a direct result of the controversial talk programme "Late Line" aired by ABC Radio 2 Mondays. In the 1974/75 year, the ABC spent A\$108 million, 10% above the figure allocated in last year's budget. This coming year's figure is \$132m with support specifically provided for 3ZZ and \$158,000 allotted for further 'ethnic broadcasting experiments'. Stage One of the national stereo FM broadcasting service includes stations on air in Sydney, Melbourne, Adelaide and Canberra before Christmas, and 10 more outlets to follow. BrW

Since 9 August, 2CN Canberra 1440 & 2NC Newcastle 1230 relay 2JJ Sydney in the 'midnight to dawn' (NSW time) slot and all-day on Saturdays instead of the usual Radio 1 programme. Ian Stanley NZDXRA

JAPAN FEN Chitose 1570 closed down 30 June when the local US military base was closed. B.Hartley NZDXRA

PHILIPPINES FEBC's new hi-power outlet on 1470 was heard by UADX members visiting Victor Goonetilleke in Sri Lanka on 22 July.

RAS AL KHAYMAH 1175 sked with AA Nx 1730, 1930 & Press Review 1800. S/off 2000. This is one of the United Arab Emirates. BBC MS(c) 7/8

Continent Listings (REACTIVATED)

BROADCAST	A/NZ	Ocia	SthAm	NthAm	Eur	Afr	Asia	Total	Cnts	Best Europe
Arthur Cushen	381	98	20	1127	125	26	409	2186	142	
Ray Crawford	302	61	15	269	80	12	269	1008	116	=Rhodes,
David Ricquish	248	53	4	117	5	0	42	469	45	/1493 5kw
Brian Withers	203	27	3	53	11	0	54	358	48	
Bryan Clark	83	41	13	147	19	2	37	342	66	=France
Jim Benzoni	157	15	2	50	0	0	9	233	22	/1241 24kw
Paul Ormandy	101	6	0	15	0	0	5	127	12	
Paul Rawdon	88	7	0	13	-	1	-	112	12	
SHORTWAVE	A/NZ	Ocia	SthAm	NthAm	Eur	Afr	Asia	Total	Cnts	Best Europe
Arthur Cushen	258	326	341	395	1214	429	722	4286	228	/7265 1.5kw
Ray Crawford	91	54	85	125	485	95	269	1204	135	=Rhordorf
Bryan Clark	120	37	57	133	345	210	141	1043	153	=Azores
Bill Huddleston	58	26	23	133	422	83	211	956	115	/4865 1kw
Brian Withers	94	26	31	81	433?	91	125	881	121	
Jim Benzoni	34	32	23	63	142	26	78	398	84	
Peter Greener	36	10	13	36	99	14	94	302	73	
Owen Barriball	148	8	3	24	23	2	15	223	35	(SW or BC?)
Paul Rawdon	16	7	22	19	99	10	49	222	56	
John Martin	32	4	10	26	92	5	44	213	49	
Jack Farrow	28	1	6	33	75	5	32	180	42	
Bill Vogel	29	7	6	18	45	12	36	153	69	
Paul Ormandy	14	10	5	22	55	7	25	138	54	
Ian Wells	8	10	6	19	35	4	28	110	50	=RFE 3995
Philip Brooks	67	3	0	6	6	0	3	85	12	=SBC 11870
Ash Nallawalla	23	2	0	5	13	3	2	48	23	

NOTES: Hopefully a better response for this feature when we update your continent's listings next March! Central America included in Nth America.

**SW
QSL**

Michael Cole of Auckland recently wrote to some of the major international SW broadcasters regarding their current and future QSL plans. Amongst the results:-

RADIO MOSCOW advised that new QSLs will soon be released but have given no details.(!)

RADIO JAPAN currently has 3 different QSLs available, entitled Kamakura, a pair of Tachibina Dolls, and a doll playing the Koto. The latter is especially attractive and all 3 will be current until the end of 1975.

RADIO BUCHAREST will verify your reports with one of 12 designs - 3 are black-and-white postcards featuring Poiana Brasov, Distaffs from Apuseni Mountains, and the Television Centre. Then there are 5 coloured cards with photos of Mihail Kogalniceanu Square, the Village Museum, Victory Street, the Roumanian Athenaeum, and Manut's Inn, all of which are located in Bucharest. All the foregoing are simply picture postcards with QSL data on the reverse, whereas the remaining 4 designs have the station name on the front. The first 2 feature stylised sketchings of Peles Castle and the Roumanian Athenaeum. Another features a folk design around the station emblem, but the final card is possibly one of the best cards I have seen, and I would recommend you request it when next reporting to Bucharest. It has a map of Europe in red, with Roumania indicated in white, and the symbol of Radio Bucharest overlaid. Surrounding are stylised drawings of various buildings and monuments. Most attractive.

Finally, DEUTSCHE WELLE advised that their Julich QSL card is no longer available. A QSL card featuring the new relay station at Malta will be released in due course.

Thanks to Michael for his efforts.

Brazilian Changes. 8

Compiled from information supplied by BBC Monitoring Service (C), NASWA, ASWLC, SPEEDX, DSWCI and Paul Ormandy.

Last May the DX world was 'caught out' when, without warning, many low frequency Brazilian stations underwent changes in frequency. Now that the dust has settled, the following list reflects all known changes. Update your WRTVH now! Special credit to Glenn Hauser of NASWA.

- | | |
|---|------------------------------------|
| 3205 R.Ribeirão Preto ex 3265 | 4825 R.Educ Bragança ex 4945 |
| 3225 R.Cl.Lins ex 4935 | 4835 R.D.Teresina ex 4845 |
| 3235 R.Cl.Marília ex 3255 | R.Educ Parnaíba ex 4825 |
| 3245 R.Cl.Varginha ex 4825 | 4855 R.Cl do Pará ex 4865 |
| 3255 R.D.Uberlândia ex 3355 | 4865 Feira de Santana x 4765 |
| 3255 R.Educ de Cariri ex 3305 | 4915 R.anhanguera ex 5035 |
| 3265 Poços de Caldas ex 4885 | 4925 R.D. Taubaté ex 4855 |
| 3285 Olinda de Pernambuco ex 3375 | 4935 R.Capixaba ex 4945 |
| 3305 R.C.Grande Rio ex 3283 | 4935 R.D.Mearim ex 4945 |
| 3325 R.Gazeta Alagoas ex 3315 | 4945 Em Voz São Francisco ex 5025 |
| 3335 Alvorada de Londrina ex 3345 | 4965 Triângulo Mineiro x4835 |
| 3345 R.Educ.Uberlandia x 3295 | 4965 Radio Poti ex 4937v |
| 3365 R.Cu.Araraquara ex 4915 | 4985 R.Brasil Central x 4995 |
| 3385 R.Congonhas ex 4795 | 5015 R.Cult de Cuiabá x 5055 |
| 4755 Rural Campo Grande x3295 | 5015 R.Copacabana ex 4975 |
| 4775 Voz de Oeste ex 4985 | 5015 R.Pioneira ex 4880 |
| 4785 Brasil Campinas ex 4755 | 5025 R.Borborema ex 3325 |
| 4790-4795v Aquidauana ex 5025 | 5035 Radio Aparecida ex 4985 |
| 4805 R.Itatiaia still here | 5045 R.Presidente Prudente ex 3335 |
| 4815 R.D.Paraná ex 3365. R.D. Londrina also on 4815 | |
| 4825 R.D.Petrópolis ex 4815 | |

Radio Nacional de Brasília has only one 250kw transmitter in operation, and it is beamed to Europe only. A second transmitter is enroute from Switzerland and will be used for North American broadcasts. Antennas are already erected for this broadcast.

Bob Zilmer
NASWA

Brazil is undergoing a massive change in broadcasting, with the licencing of 379 additional stations, bringing to 1170, the

number of mediumwave broadcasters operating out of 861 cities. Guidelines for the new MW policy include a maximum power of 200kw and minimum of 100kw for those stations operating on exclusively Brazilian channels; 800 and 900 kiloHertz to be reserved exclusively for Federal Government stations; new stations in the Amazon and border regions; and, the power of Radio Nacional will be increased so that it can be heard in all parts of the country. BBC MS

NEWS FOR BARLOW WADLEY OWNERS



+ A 12 foolscap page "Service Manual" for the Barlow Wadley XCR-30 can be obtained from Barlow's Television Company, Spares Department, 44 Eleventh Road, Kew, Johannesburg 2001, South Africa. Price is 1-60 South African Rands plus R1-00 for postage to NZ and you can send British Postal Orders to cover this (approx. UK£1-40). Contents include very detailed alignment instructions and full size circuit diagrams. HJS

+ A very interesting two-page article by Grant Manning of the International Radio Club of America has been forwarded to us by Ralph Sanserino. Grant offers various suggestions to improve selectivity and frequency calibration. Removal of ceramic filters C-71 and C-68 (located in lower left corner of the printed circuit board) will greatly improve selectivity. A fault encountered by some is malfunctioning of the antenna trim caused by the micro switches sticking. The problem can be rectified by cleaning them with alcohol and a stiff brush (your chemist supplies this type of alcohol!) The switches are clearly visible if you peer at the circuit board while rotating the antenna trim control. A sharp peaking of signal will confirm that they are operating. These, and other hints, are fully explained in the article which is available to interested members for 10 cents in stamps to cover photocopying and postage. (Alcohol above is Isopropyl Alcohol)

Shortwave Mailbag 9 with John Mainland

Peter Greener advises that the correct address for Radio Capital, San Jose Costa Rica is P.O. Box 2936. This address was given in a recent programme "Aqui Costa Rica" aired on Sundays. Our other notable this month is Ray Crawford with several Indonesians verified.

Now into the mail.....

BRYAN CLARK Wellington has five out and QSL's in from SABG 3250 3285 TWR Swazi-land 9590

NIGEL ROBINS, Wainuiomata has QSL's back from DW 5990 Sweden 9695 plus pennant ELWA 15170 Ankara 15165

DENE LYNNEBERG, Titahi Bay has QSL's from SDR/Shepp 17715 11810 9550 RM via Armavir 15260 RM/Petropalovsk Kamchatsky 15130 DW Julich 3995 Niger 5020 RSA 11900 3230 Israel 12025. Reports out TWR Swaziland 9590. Resting on your laurels Dene!

ARTHUR KINDELL, Levin has veries in from Chad 4904.5 Singapore 5010 5052 Bougainville 3322

GORDON HUTCHISON, Kaiapoi has 10 out this month with QSL's in from HGJB 11915 RA 11930 11790

BILL VOGEL, Adelaide has cards from Cuba 11760 Bougainville 3322.5 RGI 5970 VLM4 VLI6 SBC 11715 Bagdad 9745 RN Bon 11730 Peking 17855 Dominican Rep 9505, 18 out.

PAUL ORMANDY has QSL's in this month from P & P 15130 VOA 6 freqs AFRTS 11805 VLI6 6090 Norway 6180 Peking/Tirana 7120 9780 RBI 6040 11890 Sweden 9695 VOV 12035

JACK FARROW, Lower Hutt has 8 out and QSL's in from AFRTS 6030 DW 7130 11765

CECIL SYMMES, Wellington has QSL's from Spain 7105 Solomons 5020 VOA Mon 9755 DW 6075 7235 11795 RN Lopik 15265 HGJB 6130 Kuwait 9555 Moscow 6040 VOA Kavala 5955

JACK SEARLE, Haumoana has QSL's from NHK 15105 RBI 15255 DW Sack 6085 RN mad 15120. Better things WILL come.

IVOR HILL, Bluff has QSL's in from DW 9735 9605 RA 9730 9625 11870 9570 Peking 11720 11600 9030 RNE 6065 Prague 11990 HGJB 6130 RN 9715 9770 11730 NHK 8 freqs.

RAY CRAWFORD, Invercargill has an attack of the Oceanias with QSL's from Eastern Highlands 2410 East Sepik 3335 VQ05 5020 Bucharest 5990 6150 RRI Banjarmasin 3250 Merauke 4068 Kendari 3995 RRI Denpasar 3945 Samarinda 3295 RKIP Surabaya 4698. 25 out this month.

JIM BENZONI, Hamilton has 15 out and QSL's in from RA Shepp 11790 17740 17795 RA Lyn 6005 BBC Lon 5975

IAN WELLS, Milton has two from Israel 7395 and Bucharest 9690

BRUCE CAVANAGH, Invercargill has QSL's in from TRT 15165 AIR 15205 BBC Asc 9510 Chad 4904.5 Nigeria 7275 Milne bay 3360 DW 7285 11850 3995 Moscow 9685 7300 DW Malta 11865 VOA Green 9525. No loggings listed in Mailbag Bruce. Please submit in Bandwatch format otherwise it takes ages to collate.

PAUL EDWARDS, Wellington has veries in from VOA Munich 3980 FEBG 11890 ORF 5980 Tahiti 15170 DW-J 6075 Tunis -ia 11970 Sweden 6035 Noumea 3355 7170 11710 Iraq 3195

BILL HUDDLESTON, Auckland has 5 out and QSL's back from Chile 15150 RAI 7235 Shepp 6005 Tashkent 15115 Moscow 11850 Turkey 9515 Peking 11600

BRENT ALLRED, Motueka has QDL's from Peking 11720 NHK 15195 RN 11730 plus goodies, Prague 7345 IBA 12025 Moscow 6 freqs. 11 out.

MIKE SMITH, Matamata has QSL's received as: Norway 9645 ORTF 15155 Gran Colombia 4910 DW Malta 11865 Japan 9675 RSA 11900.

ARTHUR CUSHEN, Invercargill has verified Ankara 15165 ZYZ5 4985 Pakistan 17830 Singapore 9635 DW 3995

STEVEN GREENYER, Invercargill has QSL's from East Sepik 3335 P2T9 9520 RTV Congo 4765 TGVN 3360 Panamericana 6035.

CONVENTION '76 WELLINGTON 6-8 FEB.

DES DAVEY, Te Kuiti has veries in from WYFR and two from Hanoi 12035

PAUL RAWDEN, Lower Hutt has 16 out with QSL's in from RNE 11925 and HCJB 6130.

ALAN ROBSON, Christchurch hasn't logged amuch lately but has QSL's in from Sarawak 5005 Sutatenza 5075 BBC Daventry 15195 VOA Phil 15290 11970 DW Werch 9650

JOHN MARTIN, Lower Hutt has veries back from AIR 17775 9912 11710 Austria 9770 6155 Spain 11925 Peking 9290 Korea 9640 NHK 9670 Bougainville 3322.5 Portugal AWR 9670 Moscow 15130 18780 HGJB 9560 Vatican 11705 VOA Greece 11850 VOA Munich 9770 VOA Philippines 15210

PETER GREENER, Auckland has QSL's in from Moscow 11720 RN 15265 RA 9770 Romania 9570 Sweden 9695 Peking 7120 via Tirana 9780 Taiwan 11860 AFRTS 9755 Ghana 4980 Chad 4904 FEBC 6030 Singapore 5052 Vila 3945

JOHN MAINLAND, Wellington has QSL's in from Ankara 15165 Pyongyang 9420 (Country 170)

BEST OF THE MONTH

Over 9 Mhz

BBC Ascension 9510 Khz 250kw
Bruce Cavanagh

Under 9 Mhz

VOA Munich 3980 Khz 8kw
Paul Edwards

STATION OF THE MONTH

The Voice of Malaysia is the overseas service of Radio Malaysia. The service commenced on 15 February 1963. Programmes deal with various aspects of the Malaysian way of life, the arts and cultures of Malaysias cosmopolitan people, the music and interests of Malaysians. Musical programmes on The Voice of Malaysia cater for all tastes with classics, pop, folk songs and also music and songs from Afro-Asian countries. The English service is aired for 2½ hours daily from 0625 to 0855 GMT, and is being heard in 15295 khz. 6175 khz is in parallel but is inaudible in New Zealand. Reports should be sent to Head of General Services, Dept. of Broadcasting, Angkasapuri, P.O. Box 1074, Kuala Lumpur 22-10, Malaysia.

INDONESIAN UPDATE

In a friendly letter to Ray Crawford of Invercargill, Slamet Poedjono, Director of RRI Nusantara 1 at Ujung Padang :-

"During the second 5 year development scheme, the Directorate General of Radio, TV and Film has planned to supply new medium wave transmitters to most RRI stations. Some of them have begun the projects while the others have still to wait the imported transmitters. These projects should be finished by the beginning of 1977. This does not mean all shortwave stations should be banned. The government will probably use them for strengthening the overseas broadcasts. As you may know we also have non-governmental radio stations in Indonesia. These are mostly small commercial stations operating on medium wave. Administratively they are under direct control of the Provincial Board of Non-Governmental Radio Stations, appointed by the Governor, who acts on behalf of the Director General of Post & Telecommunications. There are about 700 non-governmental radio stations throughout Indonesia."

RADIO BUCHAREST - ENGLISH SCHEDULE

0130-0230 GMT and 0400-0430 on 5990, 6155, 6190, 9570, 9690, 11775 and 11940kHz.
0530-0600 on 11840, 15340 & 17840kHz.
0645-0715 on 11830, 11940, 15250 and 15380kHz.
1200-1230 on 11830 and 15380kHz.
1300-1330 on 7195, 9690, 11940kHz.
1500-1530 on 9530, 11940, 15250kHz.
1730-1800 on 9590, 11790 & 15365kHz.
1930-2030 on 7225 and 9510kHz.
2100-2130 on 7195 and 9690kHz.

BBC MS via JM



SHORTWAVE BANDWATCH



Headlines this month: the BBC Monitoring Service reports that transmissions on a test basis from Muscat & Oman have been heard to the following schedule: 0500-0815 GMT on 6174kHz, 1300-1700 on 11890, 0600-0815 & 1400-1600 on 4962kHz. Radio Australia's new Carnarvon site in Western Australia is planned to be operational late 1975 or early next year, with programmes beamed to an area from the Southern Tip of India to the East Coast of Japan. According to Radio RSA authority has been given for the installation of 3 new 500kw transmitters, though no date has yet been set to begin operations. In Bandwatch this month Bruce Cavanagh & Nigel Robins report the reactivated 15335kHz channel of Radio Nacional de Colombia.

ALL TIMES GMT (NZT minus 12 hours) ALL FREQUENCIES IN KILOHERTZ

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
3165	1245	INDONESIA	RKPD Kota Madya	fair. Some EE recordings.	RC
3245	1234	PAPUA NEW GUINEA	Kerema vernaculars & EE pops,	fair. Also Madang 3260 poor, Southern Highlands poor 1109.	All BCa
3250	1847	SOUTH AFRICA	SABC Springbok Radio	with play, adverts. Ident 1900 poor-fair 3/8. QSL back in 28 days.	BC
3255	0715	UNIDENTIFIED	LATIN	good signal with s/off at this time.	RC
3290	0715	GUYANA	GBS guitar tuning signal & s/on annct 0730.	Hrd on NE beamed antenna. Only Papua-NG audible on NW beam! 0810 hrd briefly under Papua-NG, very poor. Action Radio.	FE
3322	0824	"REPUBLIC OF NORTHERN SOLOMONS"	Radio Bougainville	with celebrations of Independence 1/9. Still announcing as 'National Broadcasting Commission'. Fair-good. BC 1200 strong local nx.	JB
3325	0650	ECUADOR	Ondas Quevedanas	with excellent signal.	RC
3360	0440	GUATEMALA	La Voz de Nahaula	fair with id & anthem at s/off.	SG
3385	1350	PAPUA NEW GUINEA	Radio East New Britain, Rabaul	s/off 1400.	AC
3385	1405	INDONESIAN	TIMOR RRI Kupang	with nx in Indonesian.	AC
3395	1615	SRI LANKA	Colombo	with EE advts then cricket test relay.	AC
3396+	2018	RHODESIA	Gwelo	with mx. Id 2100 and nx in EE, fair.	BV
3425	1451	NEPAL	Katmandhu	with news, weather and music. Good signal.	AK
3433	1300	INDONESIA	RPKD Kendari	fair. Id and Nx at 1400.	RC
3668+	1132	TIMOR	Dili	fair in PP. Mx with ids 1132, 1158, 1201. Nx 1158.	BV
3893	1400	INDONESIA	Sidoarjo	with request music till this time.	AC
3965	1950	FRANCE	Paris (listed 4kw)	finally hrd 15/8 with France Inter Home Service Relay. Poor improving to fair, better than VOA Munich. Pop mx prgms and brief FF News 2000.	BC
3980	0500	SOUTH AFRICA	Springbok Radio	poor, mixed VOA Munich, 17/8.	BC
4680+	1202	ECUADOR	Radio Nacional Espejo	poor in SS 26/7. Talk & mx.	BV
4719	1200	INDONESIA	RRI Ujung Padang	with Presidential Nx relay in // to 4760, 4770, 4800, 4845, 4855, 4870, 4930, 4955, 4985 & 4620.	PO
4740	1500	MALDIVES	Radio Maldives Overseas Svce	in EE with 5mins Nx, followed by mx till 1550. Moderate QRM, fair. NR. Good EE to s/off 1730. FE. Sked 1500-1730 with 13kw. Also uses 7225, 12kw 0300-0800 and 0900-1100. Oliver Goonawardena SCDXers	
4750	0615	ECUADOR	Radio Centinela del Sur	good with s/off.	RC
4775	1359	INDONESIA	RRI Jakarta	mx, talks fair-good. BCa. 1202 Nx, fair.	BV+
4775	1717	AFGHANISTAN	Kabul	with talks & mx. Nx 1730 poor-fair.	BCa
4790	1100	INDONESIA	RRI Fak Fak	fair at times, in Indonesian.	RC
4810	0455	UNIDENTIFIED	LATIN	s/off with "what's new Pussycat" theme.	RC
4815	0550	UPPER VOLTA	Cuagadougou	nx & mx, fair but very noisy.	AK
4820	1000	ECUADOR	Radio Paz y Bien	good sig. Numerous ids.	RC
4830	0504	UNIDENTIFIED	AFRICAN	fair 17/8 with Gospel songs in vernac. Faded out 0520. 90% sure // to Brazzaville 4765. who?	BC
4832	0700	COSTA RICA	Radio Capital	with 'Aqui Costa Rica, Sundays. EE annct 0720. FE. 0723 EE ident good.	SG TR

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
4835	1710	PAKISTAN	Islamabad	with request prgm in English.	SG
4840	0500	PERU	Radio Andahuayalas	fair till s/off around 0630 Satur-day.	SG
4860	1806	ANGOLA	Luanda	with mx, poor-fair. Noise & teletype QRM.	BCa
4875	1950	SOUTH AFRICA	Radio RSA	int sig for FF prgm 2000. Weak to fade out 2020. SG 1954 interval signal but barely audible.	PR
4904	1830	CHAD	Ndjamana	fair with music programme.	BWi
4910+	2030	ZAMBIA	Lusaka	fair in vernacs. mx, id 2039. QRM Peking 4905.	BV
4932+	1153	INDONESIA	RRI Surakarta	fair in II with mx & anncts.	BV
4940	1110	ECUADOR	Radio Nacional	with SS nx and mx.	IW
4945	0722	COLOMBIA	Radio Colosal	vg with mx. IW. 0933 many ids, mx, poor.	CS
4955+	1125	COLOMBIA	Radio Nacional	fair in SS with mx and anncts.	BV
4980	1000	VENEZUELA	Ecos del Torbes	good at s/on in SS.	PE
4985	0500	BRAZIL	Radio Brasil Central	good, EE songs. RC 0519 PP fair.	IW
5005	1237	SARAWAK	Radio Malaysia	fairly good reception.	BWi
5010	1513	SINGAPORE	Radio Singapore	good with EE folk songs.	PR
5020	0533	NIGER	Niamey	s/on with anthem, native flute mx, FF ident, then Koran chants, highlife mx. Nx 0600. Poor-fair 17/8. BC. 2220 FF.	BV+
5040	1430	BURMA	Burma Broadcasting Service	begins EE. Good, slight het.	PE
5050	1700	TANZANIA	Dar es Salaam	home service in vernaculars. Fading.	PO
5195	0400	WEST GERMANY	DW	in SSB mode, fair in SS. (Utility feeder?)	PO
5886	1558	INDONESIA	RRI Pakanbaru	s/off with good-night melody.	AC
5930	0328	CZECHOSLOVAKIA	Prague	with EE talks, mx. Fair // 7345 good.	BA
5965	0450	SPAIN	Madrid	new freq ex 6100. SS to Americas to 0500. Good.	JM
5980	1040	USA	KGEI San Francisco	poor with EE rlg prgm. CS. Hymns, fair.	BV+
5985	0430	USA	WYFR Family Radio	good with EE lang lessons.	PR
6000	1030	SINGAPORE	Radio Singapore	very good in Chinese.	PE
6006	0745	COSTA RICA	Radio Reloj	good until Australia s/on 0800.	RC
6055	0430	PERU	Radio Continental	fair, frequent mentions of Arequipa.	SG
6055	0945	JAPAN	JO22 NSB Tokyo	with EE/JJ lang lessons, good.	PR
6070	0430	SPAIN	Radio Nacional Espana	good. //11880 jammed.	BCa
6085+	2031	SPAIN	RNE Madrid	poor with mx, talks in SS.	BV
6095	0804	COLOMBIA	La Voz del Centro	very good with mx prgm.	IW
6100	2002	YUGOSLAVIA	Belgrade	fair in EE. CS. Nx, fair. PR 1830 poor in EE. JS	JS
6105	0600	NEW ZEALAND	Radio NZ	s/on good. New freq ex 5080. RC 0755. IW SG AC	SG AC
6115	0700	GREAT BRITAIN	Radio Canada	International relay broadcast.	AC
6130	0730	ECUADOR	HCBJ 'Thru the Bible'	rlg prgm in EE, vg. BA 1010 EE. CS BCa	CS BCa
6170	0930	PHILIPPINES	DUH2 'Manila Road Show'	good. PR. 0933 in EE, fair. CS	CS
6185	1100	UNITED STATES	VOA Dixon	very good at s/on in EE.	PGr
6870	0630	UNITED STATES	VOA Greenville	EE nx, good in LSB mode. (Feeder?)	PO
7105	0445	USSR	Radio Moscow	EE Nx, good. 9490 with EE nx, fair 0515.	JF
7115	1258	THAILAND	Bangkok	good in Thai. News at 1300.	PE
7130	0445	WEST GERMANY	Deutsche Welle	with news in Turkish.	JF
7155	0417	JORDAN	Amman	AA mx, poor-fair. BCa 2107 AA nx, mx. IW (JB-yr unid)	BCa
7165	0408	ETHIOPIA	EFLF	with EE rlg prgm, poor. s/off 0425.	BCa
7170	0050	NEW CALEDONIA	Noumea	in FF. Nx 0100, poor.	CS
7170	2100	GREECE	VOA Kavala	good in EE. Id 2100. RC EE nx. CS. 2143 vg.	IW
7190	1609	YEMEN	Aden	good in AA but mixed Peking in CC.	PE
7215	1240	BRUNEI	Radio Brunei	Tutong good in EE.	PE
7245	0600	ALGERIA	RTA Algiers	good with SS(?) & EE pops. Id 0630. In FF?	PGr
7270	1559	GREECE	VOA Kavala	s/on in RR. Good with news.	BCa
7275+	1400	TADZHIK	SSR Dushambe	fair s/on. 1600 Tadzhik, 1530 Farsi. New Nakahashi, Hayashi JSWC frequency ex 7300.	JF
7275	0430	ITALY	RAI Rome	vg in EE to s/off 0445. BA Nx in EE, fair.	JF
7280	0506	LIBERIA	VOA Monrovia	good with news.	JF
7285	0930	JAPAN	JKH3 NHK Home Service	with EE lang lessons.	PR
7285	2145	MALAGASY REP.	Radio Nederland	relay hrd past 2215 in Indonesian. Fair till f/out. 2258 s/on in Indonesian. Fair but noisy. BCa	BCa
7300	0315	YEMEN	ARAB REP.	Sanaa with AA talk, mx & id, fair. Noted 30/8. JM	JM
9420	1016	NORTH KOREA	Pyongyang	with EE talks, mx. Good //11535 fair. JMn	JMn
				0900 news in SS. JF. 11535 poor with EE cmtry 1006.	CS
9460	2145	PAKISTAN	Karachi	signs on in English.	AC
9475	0200	EGYPT	Cairo	vg in EE to 0330. DD. 0217 Nx, mx in EE, poor. CS VG. BA	BA
				0230 EE, mx prgm, good. BCa 0509 exc in EE. News 0315.	PE

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
9505+	2320	DOMINICAN REP	RTV Dominicana	mx & anncts in SS, poor.	BV
9515	2200	TURKEY	Ankara	poor in EE. JS.0525 fair in Turkish, anncts, mx.	BV+
9520	1627	SWEDEN	Radio Sweden	in Swedish with mx & talk, good.	JMn
9520	1500	SWAZILAND	TWR Manzini	fair in vernacs & EE. Bad co-channel	QRM. / PO
9520	0745	PAPUA NEW GUINEA	NBC Port Moresby.	EE ident at s/off 0800.	JS
9555	1119	BANGLADESH	Dacca s/on in Nepalese.	Nx 1120 then mx till nx summary 1148 and s/off 1150.	NR
9555	1915	KUWAIT	Radio Kuwait	with EE 'Listeners Requests, strong till 2000	JB (s/off 2000)
9570	1845	SPAIN	RNE Madrid	strong with SS mx.	CS
9570	1000	NETH. ANTILLES	TWR 'Radio Trans Mundial'	prgm in GG, fair.	CS
9585	2000	JAPAN	NHK	poor in EE & JJ //15105 good. JS.0001 EE nx, poor.	JF
9590	0450	NETH. ANTILLES	Radio Nederland	vg s/off in SS. Pgr.0249 in SS. Bca	BCa
9590	0515	SWAZILAND	TWR	with gospel mx to after 0600 with BBC AA service from CYPRUS 0500-0545. AC 0524 Rlg mx & id, poor. CS.0530 fair with EE id. RC Fairly good reception (path over Nth America) 0531 fair in EE but slight QRM from RFE 9595. Rlg prgm.	DL FE JB
9605	1910	VATICAN	Vatican Radio	good in RR.	CS
9615	1005	UNITED STATES	KGEI	in SS to South America, good.	JM
9625	0430	ECUADOR	HCJB	quito RR rlg prgm to Europe, fair.	AC
9635	0930	SINGAPORE	Radio Singapore	in CC. Blocked VOA 0945.	AC
9670	0900	PORTUGAL	Adventist world Radio	poor-fair in EE. IBRA Radio also hrd via Sines 2000 vg in Norwegian. PO.2030 Voice of Hope with EE, strong. 2100-2130 s/off, Slavik lang prgms.	JB JF
9690	0139	ROUMANIA	Bucharest	good with nx in EE.	CS
9695	0230	SWEDEN	Stockholm	good, DX prgm Tuesdays. RC.0052 SS. PR 0230 EE.	BCa (BCa)
9705	1135	INDIA	All India Radio	poor-fair in EE with nx. Fading.	JS
9740	2030	PORTUGAL	Lisbon	very good in English.	CS
9740	0925	MALAYSIA	BBC Tebrau	with detailed id on opening. Fair, QRM.	CS
9755	2045	MALTA	Broadcasting Malta	with EE prgm 'Malta Calling'. Mx, local nx & information to 2100. Saturdays only. Poor 9/8. JM according to BBC MS, prgm preceded by AWR rlg prgm and followed by IBRA rlg prgm. Id as 'Radio Mediteranee, Malta'	JM
9912	2007	INDIA	AIR	good signal with news and talk.	AK
9915	0015	GREAT BRITAIN	BBC World Service	AC 0415 to Sth America, good. 9855 noted with SSB signal 2130. EE nx, fair. (Feeder?)	JF PO
11720	0201	UNITED STATES	WYFR Family Radio	fair EE. JS 0244 EE s/off, vg.	BCa
11735	1925	MOROCCO	Rabat	strong in FF.	JB
11735+	0615	FRANCE	Radio France	anncts in FF. 0625 severe QRM RN 11730.	BV
11735	2116	CHINA	Radio Peking	good in Italian. S/off 2128.	JS
11740	2130	INDIA	AIR EE	nx, mx. Strong after 2200. BA. Strong to s/off 2230.	JB
11750	0420	GREAT BRITAIN	BBC World Service	with half hour nx, fair.	GH
11775	0122	SPAIN	Madrid	with SS mx prgm to Sth America. Ident good.	CS
11790	1136	INDONESIA	Voice of Indonesia, RRI Jakarta	fair-good with EE talks & mx. S/off 1158. CC from 1200. Noted Fri/Sat only.	BCa
11805	0834	SPANISH SAHARA	El Aiun	with AA/SS anncts, idents, mx. 0716 under VOA, poor in SS.	FO BV+
11830	0120	NETH. ANTILLES	TWR Bonaire	in EE, new freq ex 11815, fair.	JM
11835	1130	SRI LANKA	Colombo	s/off in EE, good.	PE
11835	0500	CANADA	RCI Sackville	strong //9655 in EE, ex 6135kHz. Off 6.	JB JM
11855	2300	BELGIUM	Brussels	good in EE. DX prgm Monday.	RC
11860	2202	MONGOLIA	Ulan Bator	EE nx & cmtry to 2216 when signal deteriorated. Poor, noted 22/8.	JM
11865	0324	MALTA	DW Cyclops Relay	poor-fair in GG with anncts, mx.	BV
11910	0300	HUNGARY	Radio Budapest	strong in EE to Nth America.	JB
11910	2230	PHILIPPINES	Radio Veritas	with Indonesian Svce, hetting with Budapest. Fair to tune out 2301 16/8.	JM
11930	0800	PHILIPPINES	VOA relay	s/on, mixed with s/on Radio Nederland.	RC
12020	0450	USSR	Radio Moscow	excellent to Africa.	GH
15130	0803	USSR	Radio Moscow	strong in EE. BA.0945 good. CS.15140? strong	JB

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
15165	0000	TURKEY	Ankara	good in EE with news.	PE
15215	0000	USA	WYFR	Family Radio fair in SS.	PE
15245	2100	BRAZIL	Radio Nacional	Brasilia in EE to 2200. Bwi. Hrd daily with very good & steady reception. DD. 2015 exc in GG.	JS
15250	2037	EAST GERMANY	RBI	Berlin poor in EE/FF. //15390 good.	Both JS
15275	0625	SABAH	Voice of Malaysia	via Kota Kinabalu testing in EE, good. 0738 very strong with radio play but bad het. BC 0817 requests fair. PR. Apparently has since moved to 15295. Hrd there, fair 0810-0855 with Overseas Service.	BV+ JM
15295	2214	PORTUGAL	Emisora Nacional	in PP //15315. Both very good.	JMn
15305	2100	SWITZERLAND	SBC	Berne excellent opening in EE.	JS
15325	0705	PAKISTAN	Radio Pakistan	with Nx, fair. PR. In Indonesian 0200.	BW1

15335 0045 COLOMBIA Radio Nacional, Bogota with EE lang lessons followed by Radio Nederland mx transcription pgm to 0203. Best 0130. SS Nx 0203. QRM from Seoul 0200. NR 0200 Bells, ident in SS. BCa

15335	0525	SOUTH KOREA	Seoul	Radio Korea good in EE. Slight QRN.	PGr
15350+	1900	ZAIRE	La Voix du Zaire	new freq hrd to 2200. Tabuchi JSWC	
15365+	0430	CANARY ISLANDS	RNE	Tenerife fair with mx, nx & anncts in SS.	BV
15370	0200	TAIWAN	Taipeh	in EE. Fair also 17890. BW1. 0255 poor in EE.	PE
15385	0030	MEXICO	Radio Mexico	good in SS with slight het. "Musica entre los pueblos de America"	PE
15420	0130	JAPAN	NHK	Radio Japan fair here and on // 17725.	JS
15460	1159	UZBEK SSR	Radio Tashkent	s/on in EE fair-good. BCa Hrd at 1200 on 15115 good, 11730 and 11925 fair-good.	JS
17700	1930	HOLLAND	Radio Nederland	vg in EE to Africa till s/off 1950, //11730 good, 6020 (Malagasy relay) poor.	BC
17775	2125	LIBERIA	VOA	Monrovia fair with nx.	JF
17800	0940	WEST GERMANY	DW	Cologne Asian Service in EE, //17825 both poor	CS
17840	0723	SWITZERLAND	SBC	good in EE and Italian.	JS
17845	1840	USA	WYFR	Family Radio fair in EE to Europe.	PGr

CONTRIBUTORS: Thank you to - PE Paul Edwards DD Des Davey BA Brent Allred
 JM John Mainland AK Arthur Kindell IW Ian Wells PR Paul Rawdon
 GH Graeme Hutchison PO Paul Ormandy JF Jack Farrow CS Cecil Symmes
 DL Dene Lynneberg BC Bryan Clark JS Jack Searle JMn John Martin
 RC Ray Crawford JB Jim Benzoni BW1 Brian Withers PGr Peter Greener
 BCa Bruce Cavanagh AC Arthur Cushen NR Nigel Robins SG Steven Greenyer
 and from South Australia - Bill Vogel.

25 metre mini-survey

Highlights of a foray by Paul Ormandy with his new Barlow Wadley, 0400-1000 GMT period.

11680	BBC	WS	0930	vg.	11825	RA-Shepp	0700	g	11935	Lisbon	0430	past	0500
11700	Israel		0500	g.	11830	Voice of Malayan			11945	BBC	lang	lessons	0530
11710	Moscow		0915	f.		Revolution	0930.		11955	BBC	WS	0600	good
11715	Berne	0430-0500			11835	Vienna	0900	poor	11960	VOA	0725	g	Kavala?
	AIR	Delhi	0900		11840	AFRTS	0400-1200		11985	Tirana	0700	jammed	
11720	Peking	0830	vg		11855	WYFR	0445	good					
	Canada	0600	p.			Prague	0830-0900						
11725	RFE	EE	id	0700.	11860	BBC	Ascension						
11730	RN	Bonaire	0630			0730-0800.							
11740	RA-Shepp	0730			11875	NHK	0930-1030	vg	+BANGKOK	MET	STATION	IS	ON
11750	BBC	0400-0730.			11885	RA	Brisbane	0700	6510kHz	ex	7863.		
11755	Roumania	0400	g		11890	FEBC	0845	good					
11760	Cuba	0400-0600			11900	Radio	RSA	0610	p				
11770	UN	Radio	0630		11905	DW	Rwanda	0600					
	Saturdays	g.			11905	Rome	0400	good					
11770	Moscow	0800	exc		11910	HCJB	0430	fair					
11775	SBC	0700,0900			11915	HCJB	0700-1000-						
11790	Jakarta	0900	vg			RCI	0600-0800	p					
11800	ETLF	0530	poor		11920	FEBC	0845	good					
11805	AFRTS	to	0900		11925	VOA	Greenville						
	VOA	Monrovia				0430	good.						
	0730-0800	poor			11930	Cuba	0400-0450	g					

ALL THE PRECEDING STATIONS WITH ENGLISH PROGRAMMING AT TIME INDICATED

+BANGKOK MET STATION IS ON 6510kHz ex 7863.

I.Ugasa SCDXers 29/7

+SINCE 1 JUNE, JJJ TOKYO TIME SIGNAL STATION HAS USED 8000 KHZ IN PARALLEL TO 2500, 5000, 10000 & 15000KHZ. THIS WAS FORMERLY EXPERIMENTAL STATION JG2AE. Y.Hayashi JSWC

ARTHUR CUSHEN'S SHORTWAVE REVIEW

15

ALL TIMES GMT

ALL FREQUENCIES KHZ

CANADA: Sweeping changes at Radio Canada mean that the Radio Canada Shortwave Club is to cease on November 2. The club bulletin is also to discontinue as will Listeners Corner. A late change to the September 7 schedule is the 0400-0600 transmission which is now carried on 5960 9655 and 11835, the latter replacing 6135.

NEDERLAND: The changes on September 7 affecting the Pacific area are as follows: 0800-0900 in Dutch on 5955 6045 7210 and 11930 as well as 15185. 0930-1050 in English on 5955 6045 7210 11825; 1100-1220 in Dutch on 5955 7210 15165 and 15320. Several new frequencies are included in the above summary.

PAKISTAN Pakistan is heard in English to close down at 2145. Reports are being sought on transmissions at 0230-0245 on 15205 and 17830, similarly from 2345-0045 on 9460 11885 and 15205.

PHILIPPINES PBS has been heard on 6170 in English from 1000 to 1200. On 9580 the Voice of the Philippines has an English Mailbag on Monday at 1115. From 7 September the VOA will use 15290 in place of 11760 from 2200-0000 beamed to Oceania.

SRI LANKA Colombo has been heard on a new frequency of 3395 with English commercials at 1615, followed by cricket relays.

SWAZILAND: TWR is being heard on 9590 with gospel music from 0515 to after 0600. From 0545 the programme is mixed with the BBC Arabic service.

SWEDEN Stockholm has discontinued its service to Australia and New Zealand. Reception is still good here on 6115 and 9695 from 0230-0300 in English.

THAILAND Thai Met Radio is now on 6510 with 10kw and is heard in English and Thai, with music and weather up to 1330. The schedule is 0000-0330 and 0600-1330.

USA KGEI San Francisco is operating to Asia from 7 September with 250kw from 0700-1400 on 5980 with English at 0700-0800 and 1000-1100. To Latin America with 50kw 2310-0100 on 15280, 0400-0300 on 11905, 0300-0700 9615, 0900-1500 on 9615 with 250kw, 2330-0200 on 15355.

VATICAN The Vatican Radio advises that they are presently installing 500kw transmitters which will enable a new schedule to be developed for Australia and New Zealand between 0700-0800. Tests on 11950 were not successful in Japan.

RADIO NEW ZEALAND SHORTWAVE SCHEDULE

The External Services Division of Radio New Zealand announces the following time and frequency schedule for the months September and October. Slight variations will occur two monthly from this period onwards, and while this schedule introduces one new frequency, others are being considered and technical adjustments made. According to RNZ's Mailbox Editor, Tony King, reports were recently received from Holland, and Genoa Italy, on reception on 19 metre band frequencies.

<u>Pacific Islands</u>	1700-1945	9755 and 6080	
	2000-2210	11780	6105 first tested
	2230-0545	15110	0600-0900 18 August.
	0600-0845	6105 (new) and 9540.	
<u>Australia</u>	2000-2210	11900	
	2230-0545	15280	
	0900-1145	9520 and 11780	
<u>Antarctica (Suns)</u>	0015-0200	11705	

..sign off..

RIAS BERLIN on 6005kHz has, since 21 July operated to the following sked: 0325-1730 GMT with 20kw from West Berlin; 1730-0315 from Munich with 100kw. Reception reports are requested and QSL'd with a card depicting the station. U.Hillebrand SCDX 12/8

AUSSIE SCENE The former Australian ambassador to Washington is chairing a committee of inquiry into Radio Australia. The Terms of Reference are not known, but our resident wit suggests that it's either to consider an RCI-style QSL policy or to reduce the staffing of the Correspondence Dept?

FAMILY RADIO MOVE? WYFR is thinking of relocating its SW facilities in Florida. The new site would be more economical, while providing better signals to South America and Europe, plus prospects for future expansion. Ed Insinger NASWA Flashsheet

FEBA SEYCHELLES have completed tests and are awaiting final approval to use their new 100kw transmitter and the antenna system which is located on an offshore coral reef. This combination will provide a much improved signal to India & Africa. SCDX 7/75

RADIO GAMBIA may be leaving SW 4820 kHz next year, as it is understood that Marconi are supplying two MW transmitters to provide nationwide coverage. SPEEDX via SCDX

RADIO MONTE CARLO no longer broadcasts on its SW frequencies 6035 and 7135kHz. Only long and medium wave are now used. This makes Trans World Radio the only SW broadcaster from Monaco. Swiss SW Club via SCDX 29/7

MYSTERY KOREAN. The station on 6348 has no connection with the Korean Army station "Voice of Hope", but is called "Radio Echo of Hope" - "Hui mang-eui meari pangsong". Schedule is 0200-0500, 0900-1200, 1230-1530 and location is presumed to be in South Korea. D.Kawaguchi SCDXers 4/8

THE CAMEROUN'S is planning a new transmitting site at Bertoua in the north of the country and another at Ekao near the capital Yaounde. The latter site will have 3 x 100kw and 1 x 20kw SW transmitters and 3 x 20kw for MW. Bernard Chenal SCDX 5/75

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE

P.O.Box 1313, Invercargill

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

Editorial Office

P.O.Box 2956, Wellington

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

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First MONDAY of the month.

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

ANNUAL SUBSCRIPTION: NZ\$4.00

Joining fee surcharge of \$1 for new members only. Overseas rates available from Invercargill.

CAIRO'S ENGLISH SKED is 0200-0330 on 9475kHz, 1315-1430 on 17920, 1515-1600 on 17725, 1715-1830 on 17890, 2030-2200 on 17725, and 2145-2300 on 9805kHz. BBC MS (C)

marketplace

FOR SALE: Nivico FA6000 six-band, AM and FM transistor portable. \$100 or near offer. Also Braun Paxette SLR 35mm camera. \$40 o.n.o. Replies to Box 692, Invercargill.

SHORTWAVE POPULARITY SURVEY: Paul Ormandy, 33 Stour Street, Camaru would like to hear from members as to their 10 favourite SW stations in order of popularity from 1 to 10

TRANS WORLD RADIO, GUAM is planned to cover nearly half the world's population - China, S.E. Asia, Indonesia, Eastern Russia and Australia. In 1973 the US Govt granted permission for filing of an application for a SW station on Guam, and in January 1974 a construction permit was granted, subject to clearance from US military authorities on the small Pacific Island. In Guam for the project are Dave Arthurs-Engineer in Charge from TWR Bonaire & Rodger Groff-Project Manager for TWR International HQ. The 10kw MW transmitter and a 100m high antenna are already on site and 2 SW outlets of 100kw are to come.

ASWLC NASWA SCDX