



NEW ZEALAND DX TIMES

Registered at P.O.H.Q. Wellington as a magazine

VOLUME 29 No. 5

JANUARY 1977

Australian Broadcasting Scene

A round-up of the past year's activity on the broadcast band across the Tasman, and what the future holds, as gleaned from the Australian Broadcasting Control Board's 1975/76 Year Book, by David Ricquish and Merv Branks, plus additional info from the December issue of TuneIn.

With big changes looming in the administration of broadcasting in Australia as the result of present legislation, the 28th Annual Report of the ABCB shows "that development of the national broadcasting service during the year has been severely limited, not only due to the lack of resources within the Board, but also due to the severe cutback of funds for broadcasting works made available to Telecom Australia, which is the authority responsible for the establishment and operation of the national service transmitters. As a result, available effort within the Board has been concentrated on the extension of those services which do not require the expenditure of government funds, notably the commercial service." Facilities to provide a second ABC programme from existing stations, and the proposals in the previous annual report to provide new mediumwave stations in 14 metropolitan and regional centres have made no significant progress.

All commercial stations were offered the opportunity to increase power to 5kw, principally with the provision of directional aerial systems. 56 applications have been received, with the following already on increased output: 2GN Goulburn 1370, 2CA Canberra 1050, 2ST Nowra 1000, 4BH Brisbane 880, 4AY Ayr 940, 4AM Atherton/Mareeba 560, 4BC Brisbane 1120, 4BH Brisbane 1390, 4IP Ipswich 1010, 4KZ Innisfail/Tully 530, 4NA Nambour 830, 4WK Warwick (5/2kw) 960, 4KQ Brisbane 690, 7SD Scottsdale 540. 5kw power increases have been approved for the following stations but have yet to be implemented: 2BS, 2GO, 2KM, 2LT, 2MG, 2MW, 3BA, 4CA, 4MK. During the year it was necessary for the Board to temporarily suspend further applications until the extensive backlog of applications has been cleared.

The following new stations commenced operation during the year:

2WA Wilcannia	1570kHz	100w ABC	commenced 22.12.75	omnidirectional(OD)
2XX Canberra	1010kHz	300w Noncomm	Australian National University	OD.
3MP Mornington Pen.	1380kHz	5000w Comm.	commenced 18.7.76	directional.
3MT Omeo	720kHz	2000w ABC	commenced 18.4.76	directional.
3CR Melbourne	840kHz	500w Noncomm.	operation commenced 3.7.76	OD.
5AA Adelaide	1390kHz	5000w Comm.	commenced 14.3.76	directional.
6NR Perth	930kHz	500w Noncomm	W.A. Institute of Technology	OD.

Frequency changes made during the year were: 4BH Brisbane 880 from 1390, 2GN Goulburn 1370 from 1380, 4NA Nambour 830 from 940, and 4WK Warwick 960 from 880kHz.

Continued on page 2.

CLOSING DATE FOR NEXT ISSUE: MONDAY 7 FEBRUARY. SEND DETAILS OF YOUR DX, LADDER TOTALS, QSL's & B-O-M's TO P.O.BOX 2956, WELLINGTON, NZ.

- The following new stations and changes are projected for the coming year:
- 560kHz 2.. Tomerong, NSW 1000 watts directional, ABC network.
 - 710 2.. Campbelltown Community Radio Committee granted a limited commercial licence, 500w omni-directional.
 - 800 2.. Moruya, NSW 1000w ABC with directional antenna.
 - 950 4.. Thursday Island, Northern Queensland ABC 2000w omnidirectional.
 - 960 2MW Murwillumbah to move here ex 970 & increase power to 5000w.
 - 1030 4MK Mackay to move here from 1380 and increase power to 5000w.
 - 1160 7FG Fingal (St.Marys) Tasmania 1000w directional, ABC network.
 - 1240 5AU Port Augusta moving here from 1450.
 - 1320 2.. Wollongong, NSW 5000w commercial with directional antenna. Along with the 1350kHz listing, this licence is held up by court writ action.
 - 1350 2.. Northwest Sydney, 5000w commercial with directional antenna.
 - 1380 2LT Lithgow to move here ex 1370 and increase output to 5000w.
 - 1390 4LM Mount Isa moving here from 1370kHz.
 - 1530 8AL Alice Springs, NT here ex 1380 with power increase to 2000w.
 - 1570 7SH St.Helens, Tasmania 100w omnidirectional, ABC network.

Additionally the following operations are projected:

- A commercial station for Emerald, Queensland - 2 applicants for licence.
- A commercial station for Charters Towers, Queensland has had it's licence deferred by the Minister of Posts and Telecommunications.
- A non-commercial licence has been offered to the Darling Downs Institute of Advanced Education, Toowoomba, Queensland.
- ABC network stations are projected for Karratha, Mt.Tom Price and Pemberton in Western Australia.
- Commercial licences have been granted to NorthWest (Western Australia) Broadcasters Pty Ltd for stations at Port Hedland and Dampier/Karratha/Roebourne in Western Australia.

As at 30 June 1976, there were 87 ABC, 120 commercial and 3 Wireless Telegraphy Act stations (eg 2EA) on the air. In the financial year ended March 1976, 27 commercial stations made a financial loss, compared with 21 in the previous year.

24 hour operation was carried out by the following stations:

- New South Wales: 2CH, 2GB, 2KY, 2SM, 2UE, 2UW, 2HD, 2KO, 2NX, 2WL, 2JJ, 2NC.
- Australian Capital Territory: 2CA, 2CC, 2CN.
- Victoria: 3AK, 3AW, 3DB, 3KZ, 3UZ, 3XY, 3BA.
- Queensland: 4BC, 4BK, 4KQ, 4AY, 4CA, 4GG, 4GR, 4TO.
- South Australia: 5AA, 5AD, 5DN, 5KA.
- Western Australia: 6IX, 6KY, 6PM, 6PR. Tasmania: 7HO, 7HT.

CONTINUED ON PAGE 6 →

FROM THE BRANCHES

SOUTHLAND The Christmas meeting was held at Mr & Mrs D.Frampton's on 14/12, with 15 members present, as well as 10 wives and girlfriends. Business was brief and the next meeting was set down for Tiwai on 25 January. A barbeque is to be held on 5 or 6 February during the visit of 2 members from Germany. A special welcome was extended to Rev. Frank Glen, who was a member of the branch 20 years ago and who has spent the past few years with the Flying Doctor Service in Australia, and to Fred Pidgeon, who was attending his first branch meeting for many years. Competition Results: BCB Best - Ray Crawford HJQD Colombia 1550 1kw. Rest of World Neville Henry Israel 1025 50kw. Merit Merv Branks KZAM 1540 5kw. SW to Paul Aronsen with FEBA Seychelles 15185 and ELWA Monrovia 4770.

WE LOOK FORWARD TO HEARING OF THE HAPPENINGS AT OTHER LEAGUE BRANCHES IN THE COMING YEAR! LET'S HAVE FULL DETAILS OF YOUR MEETINGS IN ADVANCE TOO. THIS ENABLES LEAGUE MEMBERS VISITING YOUR AREA TO KNOW IF THEIR VISIT WILL COINCIDE WITH YOUR GET-TOGETHERS. BRANCH SECRETARIES ACTION PLEASE!

WAIKATO-BAY OF PLENTY See page 10.

BROADCAST DX with Bryan Clark

3

Another good month DXwise, with North Americans being heard in the evening and after midnight for those of us prepared to persevere with a bit of noise and the wee small hours!

Over the Christmas/New Year period Radio Rhema 3YG with 400 watts on 1230kHz was well heard. Prompt verification of reception reports has been promised, and your Ed received his today (6/1) - a cartoon style, and worth having. In late December we heard of another short-term broadcaster 4XB Radio Queenstown on 1270kHz with 100 watts and relaying 4XO Radio Otago, 24 hours a day. This station previously operated during the Independent Broadcasting Conference last September. This time around, reception wasn't too bad. If you heard them, reception reports should be addressed to Station Manager, 4XO, P.O.Box 1210, Dunedin, enclosing return postage. Info from Wally Singleton NZDXRA.

This month see's another frequency going west, with Radio NZ station 2ZK 730 due on air around 19-22 January. Broadcasting from Hastings with the slogan 'Apple Radio', 2ZK will initially operate with 2.5kw, increasing to 5kw in June. Concert Programme relays and local Community station programmes will be aired between 1700 and 1115 GMT. While Hawkes Bay gains a Concert Service, it seems Manawatu will be losing the evening relays of the Concert Service which have been carried by 2YM 1410. This is because there are only to programme feed lines through Palmerston North, and one now goes to 2ZK. Thanks to Arthur Cushen, Leigh Morris and Jack Searle for info.

Plenty of Aussie ECB news elsewhere in this issue, but we did hear Keith Glover on Radio Australia giving details of a special broadcasting station 3JR operating on 1550kHz between 1900 and 0900 GMT during the 11th Australian National Scout Jamboree at Rossmoyne Park, near Melbourne. The power was announced as 10 kilowatts, but a number of checks revealed nothing here, and I would suspect that such an operation was more likely 10 or 100 watts power. A late frequency change, courtesy ARDXC, is that of 5AU - now on 1240 ex 1450.

Since early December, Radio Fiji 810 has suffered considerable heterodyne interference from 811kHz. Chris Martin suspects a mid-Pacific location. From here the loop bearing seems akin to Tahiti-way, but it might be our ABCB friends playing with crystals?

Overseas, Radio Cayman is being widely heard on 1555kHz 10kw and 1205 1kw with s/on at 1055 weekdays and 1155 Sundays. Theme music is "Yellow Bird" and address is P.O.Box 1110, Georgetown. Sign-off is around 0400, and this should be a certain catch for us later in the year. VS18 Turks & Caicos with 1.5kw is wandering around 1550kHz and has been logged on both 1548 and 1552kHz. NRC

What with the abysmal summer weather in the capital city, your Ed is rather envious of Robert Scott cruising around the Pacific. While in Papeete, Tahiti, Robert took time out to check ECB on his radio/cassette player and was amazed to find Yanks on practically every frequency! Tahiti dominated frequencies between 700 and 780kHz and there was static between 780 and 1000kHz. The rest of the band was 'magnificent', in sharp contrast to the noisy band encountered by DXers visiting Fiji. Only 1 NZer was audible, apparently 12D Tauranga, and no Australians. Amongst those heard during a brief spin at the dials were KEWA, KGMB, KORL, KNBR, KKUA and another on 690, KAEC, a "10Q" ident around 1000kHz (perhaps KIQI on 1010kHz, new call for KSAJ.Ed), KNX, KIOE, KING, KRLA, KPNW, KRAK and KEX, most of them at excellent strength, even on a small transistor!

NEC's News and Information Service, the 24 hour network operation which we hear regularly on KFBK 1530 was due to be disbanded on 1 January, according to comprehensive press reporting reproduced in NRC's DX News and IRCA's DX Monitor but as I type this (0842 GMT 6/1) the N.I.S. all-news format is still very much alive on KFBK. The network had required 150 subscribing stations by end of 1976 to turn a profit, but less than 70 are presently participating. There are 5 other major national networks also supplying live news, sports & features to nearly half the 7000+ commercial radio stations in the USA - ABC 1400 plus stations, UPI Audio 900+, Mutual 685, CBS 270 and AP 400 stations. Mailbag...

CHRIS MARTIN Sydney has reports away to KAIM, KNUI, KKON, KTNQ 1020, WSZO. QSLs in from Dominica 595, Bangladesh 1340 and Somalia 963 for country 128! Great work Chris. Am watching 811.

JIM BENZONI Hamilton has a lone report away to Rhema 3XG.

IAN CATERMOLE Blenheim has logged WOAI, KOB, KWKH, 2KY and 3XG Rhema. Rewards in from KOA, KFAX, KNBR, 3SH and WWL. Good location there Ian.

PAUL RAWDON Lower Hutt advises reports are away to KTRH, KTOM, KGMB, CKWX. A lone verie in from KNBR. Keep it up!

ARTHUR CUSHEN Invercargill has QSL'd Sabah 1475, Iran 1026 and 558. Rhema 3XG and 4XB Queenstown logged.

DUNCAN WATSON Edgecumbe in the Bay of Plenty (DX) is a new contributor and one who is already into the Yank's with reports away to KFRC, KOB, KRLD, KNX, KHVH, KGMB, KORL and WVUV. A QSL in from KFAB. Duncan has also heard K TSA, WMAQ, KBOI, KAEC, WBAP, KING, ZK1ZC, KEX, KHAI, KPNW, WHAS, KTRH & KVOO. Welcome aboard! In the context of this column, logs and reports are the same thing, that is, details of reception have been taken with a view to writing to the station. Observations of stations already heard/QSL'd but considered of interest to other members should be submitted to Trails.

BRYAN CLARK Wellington has had a quiet month with reports out to 3XG Rhema, 4XB 1270 and KTNQ 1020 (xKGBS) QSLs in from Madrid III 1223 with pennant, 3SH, KFAX and JOFR 1270.

PAUL ORMANDY Oamaru is busy as usual with reports away to KGA, 1ZU, KFAC, XEJP, KTOM, WVUV, KAIM, KBEA 1480 (good), KPOI. QSLs from KATZ, WWL, KGMB, KHVH, Vila 1421, KOOL, KGBS & KING for state 23. Last 3 with prepared cards - they usually reply on their own card or letter Paul. PFC's are last resort measures, rather than a regular requirement. Regret cannot assist with cassette request in view of discussions last time. Thanks for news.

LEIGH MORRIS Palmerston North has verified KFAB and WBZ. Reports out to KGA, KVOO, 3XG, VQO, 4XB, JOUB. Thanks for interesting items Leigh - much appreciated. Will dig out article.

DENE LYNNEBERG Titahi Bay checks in with reports of KTOM, JOCR 560, JOXF 1530 testing. Veries are DWRT 980, DWAD 1080 and JOFR 1270. Ta.

4XO RADIO OTAGO 1210kHz

While in Dunedin recently, I took the opportunity to visit the city's private 'middle-age' station. In fact 4XO leads the middle-age listener ratings in Dunedin. They play a lot of disco music (for middle-age listeners like me? Ed) and very little classical music. I was given a tour of facilities by Mr Kim Adamson, who was very helpful and interesting.

4XO is located in Lower Stuart Street just down from the Octagan, in a very attractive building known as Radio House. Their sound reproduction gear is Revox 4-track tape decks, AWA BAL 12 panels, Commonwealth turntables and Autofine heads. Two 1kw Marconi transmitters are fed into a ground plane with an ERP of 1950kHz. (Watts?)

Most reception reports come from NZ, with others from Australia and Fiji. With the requested power increase to 5kw they could soon be heard further afield. Over the Christmas/New Year, a parallel outlet 4XB Queenstown has been operating on 1270kHz.

If you're in Dunedin, pop into 4XO and have a look around. I recommend it!
Paul Ormandy

ERNIE MOORE Queensland has reports out to KOMY 1340, CJVB, KXRV 1540, XENU 1550, Saar 1421, Strasbourg 1277, KYOS KGER, KKHI, KXEL, WXLG 1220, KSTP, CHUB, KTRH, KGST 1600, KIOE, JORR, JOHW 1280. Thanks for call & letter Ernie. Bed here and 3 seats booked to ChCh on 1pm flight Easter Friday. See you!

COLIN CAMPBELL Rotorua has reported 6CI, JOPK, AIR Calcutta 1130. Many replies from TVI - colour version! Yr trail too late - JOPK s/off 1500 with ident on 880, 6CI and AIR Calcutta mxd on 1130 at 1510 GMT.

JOHN ALICHIN Auckland has QSL'd 5MG and 3GI. Yes it has been noisy John. I will take up your problems with some of the local experts & advise soon. Will be interested to know what your reply from RNZ says. My last 3 Xases spent at Stanmore Bay netted numerous Yanks. Must be a bad year!

PAUL EDWARDS Wellington, just makes it with reports to JOUB, CKWX, KTRH, KIPA, KUAI, KOHO, KMVI, KAIM, KCCN, KXL, KSCO Sth Korea 600, 710, 970, 1170, Munich 1602, WWL, Rhema 1230, CMW, Iran 1188 tentative, KABL, Fiji 1320, CKNW, VQO, KOGO KMPS & Noumea 670. TURN TO P.6

BROADCAST TRAIL 5

AUSTRALIAN TRAIL

E = Ernie Moore at Coolum Beach, Qld.
C = Chris Martin at Nambucca Heads, NSW

EVENING

610 KFRC fair-good 0805 LM
640 KFI over 4YW 0810 Phone Show. LM
710 Mexican here 0750 with 'whoop-whoop' effect. LM Likely XEMP Ed
730 XEX 0820 very good. Ids 'La X' LM
730 CKLG good with pops 0912 LM
740 KTRH Nitecap Show good 0818. PR
740 KRMG fair-good 0730 news. LM
790 KABC Community Service Calendar fair 0750. LM
800 XEROK good pops 0802. PJB null. LM
811 Very bad het now regular with Fiji 0820 past 1100. What? BC
870 KAIM religious 0825 good. Many
870 WWL fair 0825. LM
950 XEGM full ident 0815 good. BC
1020 KTNQ with frequent ids 1135. BC
1030 VQO good in WBZ null 0830. BC LM
1030 KTWQ good with country mx 0740 " LM
1040 WHO under 4ZB 0910. LM
1055 Voz del Centro HJFZ 0822 16/12BC
1090 XEPRS pops improving 0625(?) LM
1090 KING dominant pops 0847. LM BC
1120 WVUV Samoa very strong 0710. LM
good with music 0806. PO
1150 XEJP many idents 0814 fair. PO
1160 KSL phone show over 3ZC 0745. LM
1260 CFRN very good with nx 1000. LM
1265 Paradise weak s/on 1000. LM (0900 usual time of sign-on here? Ed)
1300 KMPS comprehensive Wx 0821. BC
1330 KFAC with classical mx 0742 gdPO
1380 KTOM fair 0800. Silent period 3rd Monday. PO. 0838 country mxPR
1380 KPOI News Headlines 0758. BC
1385 WXLE lingers on 0811 21/12. BC
1450 Unid SS with frequent cuckoo clock effects 0800 16/12 XE? BC
1466 Monte Carlo peaking in FF 0745 12/12! BC
1480 KHEA fair 0818 with inter-state talkback. Ids at 0829 fair. PO
1510 KGA vg in WLAC null 0750. BC
Trucking prgm good 0815. LM. PO
1530 WKY mixed with KFBK 0820. LM
1550 KKHI classical mx over 3Z0 0745"

MORNING

1130 CKWX news fair-good 1301. PR
1170 HLCS vg in Korean 1719, much better than parallel 710. DL
1260 JOIR exc in JJ 1714. DL
1270 JOFR excellent in JJ 1716. DL
1330 JOSF 1700 JJ excellent. DL
1350 JOER in JJ 1712 over 1ZC. DL
1440 JOWF with pops 1705 over 1ZK. DL
1493 Leningrad 1710 exc in Finnish to 1730 then Radio Moscow int signal & Swedish prgm. DL
1530 JOXF 1kw testing 1627-1702 13/12

590 KGMB and CMW mixed here. C
610 KFRC under 2FC. KFI 640 u/Fiji. C
730 CKLG exc with pops. C
740 KTRH Wx & Ident 1229, fading. E
740 JORR with japanese talks 1623. E
750 KFQD under 4QS. C
770 KOB religious mixed JOUB. C
790 KKON under 4QG. C
800 XEROK now "XE-ROCK". C
850 KOA phone show 0900. C
940 KFRE in the clear. C
980 CKWX mixed 4RO. C
1020 KTNQ over 2KY with pops. (x KGBS)C
1030 KTWQ and VQO here. C
1040 KHVH dominant with WHO. C
1060 CFCN mixed 4SB. C
1070 KNX with CBS news at 0800. C
1080 KIOE dominant. C. Ident 1616. E
1100 WSZO exc with EE news 0800. C
1160 KSL on Nitecap Show mixed 4MB. C
1220 CKDA & unid 0800, not XEB. (WXLG?)
1220 WXLG good with news 1801. E /C
1265 Paradise s/on 0900 religious. C
1277 Strasbourg with FF talks 1803. E
1280 KTLK Denver News clear 0800. C
1280 JOHW with JJ interview //1290. E
1310 KNUI over 2GO. C
1320 CHQM on jazz. Full id on hour. C
1340 KOMY 1kw Nx 1506, id 1512. E(good!) C
1350 KIVM and JOER here. C
1390 KGER rlg 1318. AP Nx 1322. C.E
1420 KGCN is all Hawaiian Mx. C
1421 Vila exc in FF 0900. C
1421 Saarbrucken quite good GG 1845. E
1470 CJVB Weather & ident 1200. E
1480 KYOS Agriculture Nx 1356. E
1500 KSTP with Nx 0800 over Hawaii. E
1540 KXEL Morning Market 1230 Id. E
1540 KRXY (xKBUY) Nx 1318, id 1324. E
1550 XENU in SS 1314. KKHI cl. mx 1425. E
1570 CHUB 'Lost & Found' 1424. E
1580 KDAY political talk 0815. C /E
1600 KGST Fresno, Calif id 1300, then SS.
All Chris' entries were heard between 0800 and 0930 GMT.

DX SPECIALS

MONDAY 17 JANUARY

0730-0830 GMT WEMP Milwaukee, Wis.
1250kHz 5kw. NNRC
0900-1000 GMT WLCX LaCrosse, Wis.
1490kHz 1kw/0.25kw. NNRC

MONDAY 31 JANUARY

0830-0900 GMT KAJO Grants Pass, Or.
1270kHz 5kw. IRCA
Info from IRCA

1602 Munich good in GG 1710. DL /DL
with repeated ids in JJ. Billy Vaughan Mx

The following commercial networks of stations are currently operating: 6

Macquarie Broadcasting Network	2GB, 2PK, 2WL, 2CA, 3AW, 4BH, 4BU, 5DN, 7HO.
Major Broadcasting Network	2UE, 2KO, 3DB, 4BK, 5AD, 5PI, 5SE, 7EX, 7HT.
AWA Radio Network	2AY, 2CH, 2GF, 2GN, 3BO, 4CA, 4TO, 7LA.
The Big Q Group	4BC, 4GR, 4MB, 4RO, 4AY, 4ZR, 4SB.
Radio Broadcasting Network of Qld	4IP, 4LG, 4LM, 4VL, 4WK.
New England Network	2AD, 2MO, 2RE, 2TM.
Consolidated Broadcasting System	6AM, 6GE, 6KG, 6PM.
Associated Broadcasting Services	3SR, 3UL, 3YB.
Victorian Broadcasting Network	3HA, 3TR, 3NE.
Sth Australia Broadcasting Network	5KA, 5RM, 5AU.
Tasmanian Broadcasting Network	7AD, 7BU, 7SD.

Programme relays: 2BS bathurst and 2MG Mudgee operate regular relays. 3LK Horsham takes news and sports only, on relay from 3DB.Melbourne and 23½ hours a week of evening programmes from 3MA Mildura. 2XL Cooma takes 5½ hours of programming weekly from 2CA Canberra. 5MU Murray Bridge takes news from 5AD Adelaide, with the balance being independent programming.

The future of medium wave broadcasting in the next few years will revolve around preparations towards implementation of the new 9kHz separation frequency plan, which will come into operation on 23 November 1976. There will be 120 channels instead of the present 108, and three low-powered channels - 1485, 1584 and 1602kHz, will be limited to stations of up to 1kw output. It is envisaged that most Australian stations will not have to move more than 4kHz from existing frequencies, but tentative allocations include 3NE moving from 1600 to 1566 and sharing with 4GM, 7SH and 2WA; 2WN 1580 moving to 1593; 3WL 1570 to 1602; 4MS moving from 600 to 639; and 4QB/4QO synchro to 855 from present 910.

Implementation of the Broadcasting Plan is well underway, as evidenced by the AEB Letter B131 which states, in part: "It is essential that each station should prepare for the changeover well in advance of the due date to ensure a smooth, prompt and troublefree conversion to the new plan. To this end, it is proposed to establish a testing programme with a view to making a preliminary check of every station on its new frequency before June 1977. These tests will be arranged by the Boards State Engineers, in cooperation with the stations, and the result will be reported to the Board's Head Office. So that these tests might be facilitated, stations should make every endeavour to obtain the necessary crystals for their new assigned frequency as soon as possible. In the case of those stations under construction for a directional aerial system and a power increase to 5kw, where commissioning of such changed operating conditions is effected prior to November 1978, the Board propose -s to check such stations on both the 10kHz and 9kHz channels at the time of commissioning."

BROADCAST DX MAILBAG overflow

PAUL EDWARDS Wellington has QSLs from KNDI, KFAB, JOUB, CKWX, WBZ & KTRH. Certainly more to come Paul! The new receiver is certainly doing the trick! Regret trail far too late. Highlights: 600 KOGO NBC Nx 0900, 620 KIPA EE rock format 0840 (thought they were all JJ, Ed), 700 WLW fair 0835, 720 KUAI sport thru NZ 0823, 1170 KOHO JJ in KVOO's null with id 0805½, 1420 KCCN Nx 0848 thru NZ 15/12, 750 KXL news 1401, 770 JOUB FF lesson 1440.S/off 1505, 960 KABL call 1433 mixed, 980 CKNW 1418, 1000 KOMO Nx 1409 with het, 1080 KSCO 1322, 1170 KJNP wx 1613, 1188a Iran? in Farsi 1604 past 1630.

BEST OF THE MONTH

SENIOR: Madrid III, 1223kHz 50kw
732 points Bryan Clark, Wgtn
JUNIOR: WBZ, Boston Mass. 1030kHz
50kw 127pts Paul Edwards, Wgtn

market square

WANTED TO BUY: MW Loop Booster in operational condition, preferably mounted in mini-box. Write to Gavin Bennett, 34 Morton St., Invercargill with price or quote to construct a MW booster.

RYUKYU ISLANDS. Both VOA (1178kHz) & FEBC (JOFF 1020 Ed) must cease their operations on Okinawa before 14 May 1977. Yamaguchi SCDXers

OMAN Current schedule of BBC Masirah Island, effective to 5 March: includes 701kHz 1600-2000 in Arabic.
1410 1300 EE, 1430 Hindi, 1515 Urdu, 1600-1615 in Hindi.
1412 1615 Persian 1700-2030 English
BBC via ADXN/ARDXC

DUBAI now has English on 1106kHz with 10kw to sign-off 1630. SWN via SRK

SOUTH KOREA Current sked for HLDA, the FEBC station on 1570kHz, from Cheju Island, south of the Korean mainland. 1000-1225 GMT Korean, 1230-1330 Japanese, 1335-1600 Chinese, 1605-1900 Russian, 2100-2230 Chinese, 2235-2305 English. Power is 250kw. Stan Larking

BANGLADESH Khutna 1340 is now 50kw. DSWCI via NRC

GUAM The construction permit for KMAI 10kw day & night on 720kHz from Agana has been cancelled. IRCA

ISRAEL The Minister of Communication -s intends to submit a bill to ban offshore pirate radios, even though they may be outside Israeli territorial waters. (No doubt aimed at the Voice of Peace 1540kHz Ed) BBC MS(c)

INDONESIA Further to last months list of RRI MW stations, the following are reported from Australia: 585 Surabaya to close at 1432; Bandung 540 with Nx from Jakarta 1500; 756 Purwokerto at 1545; An unid on 825 at 1534; Mataram 855 regular with ident at s/off after Jakarta nx 1500; Medan 855 to s/off 1605 weakly; 864 Cirebon with ident 1519 after Jakarta relay; Jember 963 at 1530; Surakarta 972 with nx relay 1500; Maduin 1008 at 1520; 1107 Jogjakarta with nx 1500.

Yeo DUDXC, Anderson ADXN

THAILAND Radio Thailand's 920kHz outlet is to increase power from 10 to 20kw, to broadcast the external service to listeners within Thailand. BBC MS(c)

IRAN New stations are Iranshahr 560, Khash 1530 and Khorasan 720 (2x400kw) all inaugurated in October. BBC MS Unid Iranians have been heard on approximately 1125 and 1245kHz, in Europe. SCDX via NRC

KHJ 930kHz currently tops audience ratings in Los Angeles. The began broadcasting back in 1922 with 5 watt -s on 760kHz from studios located on the top floor of the Los Angeles Times Building. The studios are now located at 5515 Melrose Avenue, Hollywood. A 5kw transmitter is located in western Los Angeles. Bill Harang NRC 3/76 More up-to-date ratings (11/76) show Honolulu - KGMB 1st, KKUA 2nd; Seattle - KOMO 1st, KJR 2nd; Sacramento - KRAK 1st, KFRC 2nd. Harang IRCA

Sentry Electronics have devised a system by which specifically equipped AM or FM radios may be turned on and off by a radio station's air signal to programme emergency weather information. P.Kemp NRC

860 KTRB requests 50kw day, 10kw night.
950 KMTX Helena, Montana 5kw U, operates to s/off 0800 GMT. Address 227 West Lyndale Ave, Helena, Mt 59601. (might make it here? Ed)
1020 KGBS granted new call of KTNQ
1030 WKZE San Juan PR 1070kw granted new call of WOSO.

WBZ telephone talk show number is 617-254-5678, if you're interested in calling in!

1090 KAAY "The Mighty 10-90" 50kw rock station has new address of 2400 Cottondale Lane, Little Rock, Arkansas 72202.
1090 KAAT Denver has applied for 10kw nights, directional due west.
1380 KUDL Kansas requests call KCNW.
1450 WFMT Cicero Illinois NSP classical music.
1490 WMGW Pa is now 24 hours. KUGR Green River, Wyoming 1/0.25kw authorised to start operation.
1550 KRGO Granger, Utah now NSP here. KGAR Washington going to 10kw nite NRC and IRCA

BAHAMAS Construction permits are current for 810kHz Freeport 10kw, 970 Georgetown 10 day/5 night, 1070 Marsh Harbour 1kw. David Ricquish

KBOI radio

670 K.C. 50,000 WATTS
FM 97.9
P. O. Box 1280
Boise, Idaho 83701

Auckland-born Operations Director of KBOI,

Lee Chabre advises

transmission hours

are currently 5am-12pm local time, but station is

soon to go 24 hours. KBOI is an affiliate of CBS and carries adult contemporary format. Bryan Clark

CONGRATULATIONS

...to John Durham of Meremere, on receiving the first NZ QSL from Radio NYAB in the Himalayan country of Bhutan; John received SW country number 128 in 8 weeks, for an English report accompanied by an IRC. The station was heard on a Wednesday last October, shortly after regular broadcasts began each Wednesday between 1230 and 1330 GMT on the frequency of 7040KHz. Credit for making this new SW country more widely audible must be shared with the ARDXC who arranged for NYAB to run a special DX broadcast in this time slot on 1 September. In addition to the letter reproduced here, John received a QSL card which specified power (500 watts), frequency, antenna type (inverted V, antenna dipole) and the station's mailing address of P.O.Box 1, Thimphu, Bhutan.

In recent months regular reception on Wednesdays has been possible in Japan and Australia, with even signs in California. Main problem is to sort them out from the radio hams on the same & adjacent frequencies.

Why not try?

NATIONAL YOUTH ASSOCIATION OF BHUTAN
OFFICE OF THE SECRETARY, RADIO NYAB

RADIO N.Y.A.B.
P.O. Box No.1,
Thimphu, Bhutan.

Dated : 19th Nov 1976.

No.

Mr. John Durham,
50 Te Ruca Five
Meremere,
New Zealand.

Dear John,

We were pleased to receive your reception report, The first we have had from your country. Congratulations on your report which was very detailed. You deserve a QSL.

It is surprising to us how our transmission is suddenly reaching Japan and New Zealand. Letters have been pouring in. It seems 7.040 MHz and the hour is becoming better alongwith the autumn season. The power of our transmitter is still only 0.3 KW. You can imagin our surprise at your letter.

The instrument, if it was shring, was a 'Damage' (DAMNGAY) and it is a three string instrument like a 'Bango' more or less. Very difficult to play. Other instruments used are bamboo flutes and sometimes bagpipes.

Thank you again for your letter and we hope to hear from you again. To end this letter I would like to say that B.S.T. is GMT + 5 hours. Happy listing.

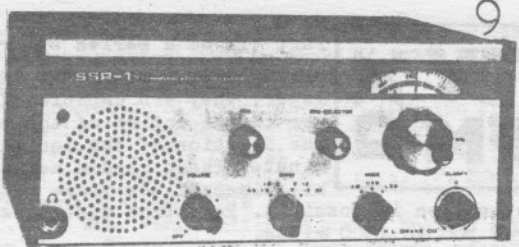
Yours sincerely,

(Mrs. BRIGITTEE DORJI)
SECRETARY, RADIO NYAB.

Bob Boundy of Christchurch tells us that the first official DX Club in Czechoslovakia recently held their first meeting in Prague, with Bob's pen friend Jan Obratil attending. We wish them well!

DRAKE SSR-1

A REVIEW
BY
LEIGH MORRIS of
Palmerston North
++++++



I recently purchased a Drake SSR-1 receiver, which is manufactured in Japan for the R.L. Drake Company of USA. Semiconductors include 17 transistors, 2 IC's and 30 diodes, and it comes complete with plugs, spare dial lights and fuses etc. The SSR-1 uses a synthesized drift-cancelling first mixer stage injection system to provide frequency stability necessary for single sideband operation, and it has triple conversion. This system was first introduced in the well-known Barlow Wadley XCR30 portable receiver.

Tuning is provided by 2 circular dials, one reading megaHertz, the other with kiloHertz graduations, over a frequency range from 500kHz through to 30MHz. Calibration accuracy is better than 5 kHz at all frequencies, and sensitivity is quoted as:

AM	0.5 - 2.0MHz	3.0uv	per	10db	S + N/N	ratio
	2.0 - 30MHz	1.0uv	"	"	"	"
SSB	2.0 - 30MHz	0.3uv	"	"	"	"

A manual tuned preselector provides for maximum sensitivity and maximum interference rejection.

Pro's: Attractive, functional appearance, weighs only 14lb and measures 13" x 11" x 5 1/2". With solid state circuitry, it operates automatically on internal batteries if not plugged in or in case of power failure. Tuning is smooth and precise, and coverage is without gaps. It can be used in your car, with a short lead clipped to your car aerial. It will accept a long wire or beverage antenna on SW, and is not prone to overloading as is the XCR30 on SW.

Con's: There is a slight tendency towards cross-modulation if you do not use the megaHertz tuning and preselector controls carefully. The Operator's Manual does not provide any alignment instructions. There is a continuous unmodulated signal at each multiple of 1MHz, which is caused by the receiver's internal oscillator. This is also found in the Yaesu FRG7 and Barlow Wadley. High sensitivity on medium wave when coupled to a longwire antenna tends to overload causing cross modulation products which mask weaker signals. An RF attenuator switch is provided, with DX and Local positions. In the local position, the voltage is still too high for the receiver's front end to handle.

After a letter to Drake, I received a comprehensive 4 page set of alignment instructions, together with an operator's manual and a 3 page data sheet on local/DX pad modifications, with simple step-by-step instructions. These items were airmailed to me at the company's expense, and they advise that all future SSR-1 receivers will include this modification ex factory.

I have modified my SSR-1 and have since managed to hear CKLG Vancouver 730, KGIL California 1260 and XEUR Mexico 1530, to name a few of the ECB stations logged. Prior to modifying the set, I was only able to hear XERF and PJB, besides the usual Australian and Pacific Island's stations. While I do have continued reservations about the SSR-1's broadcast band performance, I am please with it's performance on shortwave.

WORLD RADIO TV HANDBOOK. The 1977 edition is currently being offered by Arthur Cushen, 272 Earn Street, Invercargill, with delivery expected in April. The 1976 issue had a circulation of 40,000 made up as follows: USA 12,500, Scandinavia 6000, Great Britain 5000, South Africa 3700, Germany 3500, France 1900, Italy 1700, rest of Europe 1700, Australia 900, Japan 500, NZ 300, rest of the world 2000. The large South African order might be attributed to inclusion of a WRTVH with each Barlow Wadley receiver sold. 21,500, more than half, were supplied to amateurs, SWL's, professional broadcasters. ADXX

**TV X
FM D**

Part VII of a series by Brian Oliver of Kerikeri.

10

METEOR SHOWER REFLECTED SIGNALS When meteors travel through the E layer, they are capable of leaving an ionized trail in a similar manner to the action of the sun's rays, the main difference being that the duration of the ionization is much shorter, often less than a minute. These random meteors fall throughout the 24 hour period at all times of the year, but it is only when they fall in showers that reflection is possible. Reception distances are similar to sporadic E, being anywhere from 500 to 1500 miles.

THE TV/FM SEASON GETS UNDERWAY

During the afternoon of 18 November, the quiet little town of Kerikeri, up north in the Bay of Islands became ridden with faulty television sets. Or so the girls in the local manual telephone exchange must have thought. Call after call came through to the local TV servicing firm as the switchboard became jammed. How was this problem of epidemic proportions solved? It wasn't! Yes, the TV DX season was upon us again. Fantastic! Only for those of us interested though. Most in this citrus community turned their sets off in disgust as the programme became unwatchable. The real cause of the problem was that the same programme from Christchurch was causing an extremely heavy horizontal 'venetian blind' effect and at the same time Australia's ABC network on their channel 2 (our ch. 3) was causing diagonal 'venetian blinds'. (This diagonal pattern is due to a 2MHz difference in the Australian frequency from ours). The picture consequently started to roll and flicker badly, with the sound buzzing away most unpleasantly. This called for action! With a turn of the channel selector Mt Cargill, some 800 miles away, came in as clear as our local station usually is.

At home I use a 11-inch transistorised Thorn, fed from a rotateable commercial 5 element ch. 3 aerial up 15 feet. For example, when the band is open and I turn the aerial away from the local translator (20 miles south) and point it west, ABQ2 in Brisbane simply takes over! I find the aerial effective on channels 1 to 3 and am pretty certain I heard the sound of Australia's ABHN ch. 5 on 107.75 MHz, when fed into my FM receiver. I must hurry up and finish the 5 element 'FM Band' aerial I'm building and hopefully give me optimum results on that band.

Here's my observations of TV reception over a fortnight at the start of the 1976/77 season: 8 November ABQ2 Brisbane, TVQO Brisbane, ABHN5 Newcastle. 9 November the 2 Brisbane stations and RVN2 Koorlingal. 16 November TVQO. 18 November The 2 Brisbane stations and TV1 Mt Cargill Ch.2. 19 November ABQ2. 20 November TV1 Hedgehope Ch.1. On the 8th and 9th, reception was due to tropospheric propagation and it was interesting to note that the path was along the trailing edge of an anti-cyclone present in the North Tasman Sea. On the 18th, reception of Mount Cargill was possibly from sporadic E, as signals were very strong and the weather was unsettled and thundery. Most of the above stations were observed around 0530 GMT. Stations are best identified by taking careful note of advertisements, news programmes and weather situations and forecasts.

Remember that we are interested to hear from you, with details of your TV/FM loggings. Another point when sending reports to stations is to clearly indicate your reception of both sound and picture, as they are often received independently of each other. The picture could have multiple ghosting due to a multi-path propagation in the troposphere, while the sound is perfect, or you might have no sound at all! Brian Oliver

MAILBAG: Only one reporting in this month is BRYAN CLARK of Wellington, with a report away to 2MBS-FM on 92.1MHz, logged on 10/12 between 0724 and 0817 GMT, peaking good. The same night, the audio of ABC TV ch.3 (91.75MHz) was coming thru at overwhelming strength with 'Dads Army', followed by news. Unfortunately it was not possible to determine the transmitter location with any certainty. Since then, 91.75MHz has been heard 3 or 4 times but never so strongly. A long hot summer needed to improve things yet!

FROM THE BRANCHES

WAIKATO-BAY OF PLENTY The last branch meeting was held on 20/11 in Rotorua. General discussion took place, with prominence being given to equipment problems due to finance and import restrictions, and to the problems caused by colour TV interference. Present were Dave Feldon, Colin Campbell, Peter Mairdonald & Bob Harner, with apology from John Potts. Next Rotorua meeting on 16 or 23 January. Secretary: Colin Campbell
6 Clouston Crescent, Rotorua.



Well it's now 1977 so let me begin by wishing you all a very happy new year and may your verifications be just as interesting as those of 1976. So lets look into the mailbag and see just what we have this month.

ANTIGUA: British Broadcasting Corporation 6175 kHz (PE) 6195 (DL) (No Freq. JS) Usual BBC Card devoid of information but accompanied by a personal letter telling all in response to airmail report with a request for positive verification Verie signed by David L. Gallop, and received by air in 51 days. (P. Edwards J. Searle - I assure 6175 Jack? Ed. - D. Lynneberg)

BRAZIL: Radio Brasil Central. 4985 kHz. Verie letter in quaint English with full data on frequency and program times. Verie signer not decipherable. Received in 4 months for Spanish rpt, 1 IRC and photo of sender. (J. Searle)

CONGO: Radiodif. Television Concolaise, Brazzaville. 3232 kHz 4 Kw. Verie form letter giving date frequency time and power. Received in 3 months for FF rpt and 1 IRC. (D. Lynneberg)

FINLAND: Radio Finland 15260 kHz. Impressive 50th anniversary QSL cd in 25 days showing legend in black on reflective silver card. Full details on reverse. Cd offered originally for Sent. 75 only but my report for 2 October, suggesting special cd may still be offered. (B.Clark) 15105 kHz Four seasons card received in 18 days by air. (M. Dalrymple)

INDONESIA: RRI Pekanbaru. 5885 kHz Indonesian verie letter in 28 days for Indonesian rpt with no rp. (P. Edwards)

ISRAEL: Galei Zahal. Tel Aviv 2442 kHz. Very colourful postcard QSL with tourist pics on front and full English details on the reverse side. (P. Ormandy, T. Marr)

JAPAN: JOZ2 6055 kHz. Very attractive QSL cd depicting stylised picture of radio controls in bright colours on front and full details on reverse. Cd, stamps and other information received in 1 month by air for English report. (B. Allred)

NEW HEERIDES: Radio Vila YJB4 3945 kHz. B & W folder type card with picture of the head of slit gong on front and full details & map of islands inside. Verie signer Cleophas Glen Bani. Received in 3 months by air for an English report and stamps. (B. Allred)

NIGERIA: Voice of Nigeria 7275 kHz. Green and white card showing flag of Nigeria received in 46 days by air. (M. Dalrymple)

PAPUA & NEW GUINEA: Radio Milne Bay 6040 kHz. Verie letter received in two months for EE rpt and stamps. Advises that QSL Cards not in stock. Verie signer is Trevor Webuma for O.I.C. Music. (B. Allred)

PERU: Radio Nacional del Peru. OAX4Z 6082 kHz. Letter in SS from Edna Almandoz requesting an answer. In her second letter a positive verification in answer to my request. Penants and QSL's are out of print at present but has promised to send a penant and record of Peruvian music later. Originally reported in Spanish with 1 IRC. (J. Searle. Nice. Ed.)

PHILIPPINES: Radio Veritas 15280 kHz. B & W cd showing studio in Quezon City. Full detail except power on reverse. Verie signer is Connie C. Javier. Received in 33 days for airmail report with 2 IRC's. (P. Ormandy)

SENEGAL: Dakar 4890 kHz. B & W cd showing African banjo. Full details on card for FF rpt with 1 IRC. Received in 53 days. (P. Edwards)

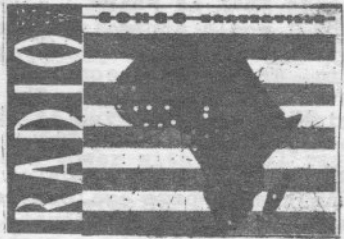
TAHITI: FR3 TDF Tahiti 11825 kHz. Multi coloured card featuring half-naked woman. Full details in French on reverse. Back in 6 months. No RP sent (P.O)

TUNISIA: Radio Tunis 11970 kHz. Postcard type QSL with details on the reverse and picture of folk puppets on front. Received in 5 weeks for EE rpt and some souvenirs. (B. Allred)

UGANDA: Uganda Broadcasting Corp. Kampala 9730 kHz. Letter received in English in 4 months for a rpt in English with no RP and note that QSL Card and schedule to follow. Verie signer is M.B.S. Mangen. AG. Chief B/C Eng. (B.Vogel)

With that we come to the end of the mailbag for this month. All info to be in by closing date of the Feb. issue of Times to make the next QSL Review. Thanks this month to: Bryan Clark, Brent Allred, Murray Dalrymple, Paul Edwards, Jack Searle, Tony Marr, Dene Lynneberg and Paul Ormandy and from Aussie, Bill Vogel.

73's Sec. Ed. Dene Lynneberg



Dene Lynneberg and Paul Ormandy and from Aussie, Bill Vogel.

Despite it's low power and limited resources, the External Shortwave Service of Radio New Zealand has always been a DXer and SWL oriented broadcaster, and has verified countless thousands of reception reports from all over the world. Yet every so often this rapport with the shortwave listening fraternity turns sour, and one wonders just what our hobby is all about, and what obligations broadcasters have to us. Such an instance has just come to our attention:

RECEPTION REPORT dated September 8, 1976

"As I am a listener of Radio New Zealand, I am taking the time, to send in a reception report. On Sept. 7 1976 I turned on my receiver and heard the following:- There was a game being played, should I say football, rugby, or soccer. One of the teams was called Hobolsen, but the QRM prevented me from catching the other team. There was a name mentioned a few times by the announcer, Laurie or Lorry or Lorrie. I was surprised to hear the name of Hobolsen, because that is where I live in the USA.

So, I would appreciate a reply, at your earliest convenience. I have a Hallcrafters S.X.122A receiver, 11 tubes one diode, S.S.B., B.F.O., Antenna Trim, etc. The antenna consists of a copper wire coil, attached to a 6ft. Stainless Steel Rod Horizontal. The time was, from 23.30 G.M.T. to 00.50 (I hope I am right). In U.S. time it was 11.30P.M.E.D.T. to 12.50AM. Thank You. The frequency was in the 25 Metre Band, but I could not hear it clearly."

REPLY from Radio NZ dated 16 September consisted of the RNZ Frequency Schedule and the 1 1/2 page cyclostyled letter that is sent in response to reports which are considered inadequate for verification. The letter, prepared with the assistance of League members, appeared in the July 1975 DX Times, and sets out guidelines for reception reports.

FOLLOW-UP LETTER dated October 6, 1976

"I received your letter and program guide, but I was very disappointed at not receiving a QSL Card. You say I did not give enough detail? That is the biggest laugh, and understatement of the Year. I happen to be an old hand in this business, not a novice, or beginner. I wrote, and I quote, The man was speaking about a football game, and one of the teams was called Hobolsen. The frequency was not given but it came over the 25 Meter Band. I listened for over one hour, and that was all I heard, football.

Someone in your organisation has made an error, and it should be corrected. I also told you I had a Hallicrafter S.X.122A receiver, 11 tubes, dual conversion, one diode, B.F.O., C.W. Amateur Band, Upper and Lower side band, etc. I also gave you the type antenna I use. So, don't try to side-step the issue, because I know what I am talking about. You just check back in your log, and I am sure you will find my report. And if I don't receive the card, Thanks for nothing".

The writer also returned the RNZ Programme Schedule and the cyclostyled letter with overwritten comments including:

"I have cards from all over the world, and never had to go through such an ordeal. This is ridiculous."

"Just because you are low powered, does not say that I did not hear you. I have a high powered receiver and a good antenna. All this trivia is uncalled for. The fact still remains that I heard the program. It was a football game, and the one team was called Hobolsen, and there was a man announcer. And I heard it all. And don't tell me different. You want to send the card, O.K. If not, I'll say once again, Thanks for nothing".

THE EDITOR COMMENTS:

In publishing the above, we hope that all members, whether long-standing DXers or newcomers, will pause to consider the standard of their reception reports, and reflect on the question - just what right have we to expect a QSL, as of right, from any station? Surely it is the broadcaster who is doing us a favour by verifying, not the SWL submitting the report. Are your reports deserving of verification? Think about it.

NEWS BRIEFS

PENNANTS POST

13

RADIO TANAFO on the New Hebridean island of Santo operates 1930-2100 only on 3990kHz; the previous midday and evening services have been deleted according to Nagriamel Party President Jimmy Stevens in a letter dated 22/11/76.

Robert Yeo ARDXC

VENEZUELA Following the success of EE and SS transmissions about the Law of the Sea Conference of 1974 in Caracas, the Central Information Office and Radio Nacional decided to open an International Service in 5 languages. This was opened officially on 1/9/75 with 2 transmitters. 2 further SW transmitters will be installed in the near future. Programmes are broadcast on 6170 and 15390 (actually 15400 at present. See Bandwatch.Ed) in AA 1900, FF 2000, SS 2100, EE 2200, PP 2300.

Rainer Birkle SODX

DOWN UNDER DX SURVEY No.7/1976 is now available from DUDXC, 17 Stevenson St, Kew, Victoria, Australia 3101 for 3 IRCs or 50c in mint Australian stamps. (6 IRCs outside Aust/NZ). This newsletter of 14 A4 pages specialises in Asian DX news and is highly recommended to the keen DXer.

HAVE YOU ENROLLED FOR
CONVENTION '77 YET?

DO SO TODAY! WE'LL SEE
YOU IN CHRISTCHURCH
NEXT EASTER!



RADIO SWEDEN has a medium sized flag pennant in blue with yellow printing of station name and symbol. P.Edwards

FEBA sent a silk pennant in yellow & white, with red and blue letters - "FEBA-I The fear of the Lord is the beginning of wisdom". Received from the Indian office of FEBA. Huddleston

RADIO NACIONAL DE ESPANA Pennant has coat of arms and transmitter tower with radiating circles, mainly red & yellow, with gold border. 28.5cm long and very, very attractive. Ormandy, Searle

RADIO SOFIA has sent a blue cloth pennant depicting a transmitter tower radiating circles. 15cm long and 9.5 cm across. P.Ormandy

YVOC ECOS DEL TORRES 4980. Medium size flag pennant depicting map of Venezuela and tower with signal radiating from it, station name, frequencies, years of operation 1947-1977. Very attractive. P.Edwards

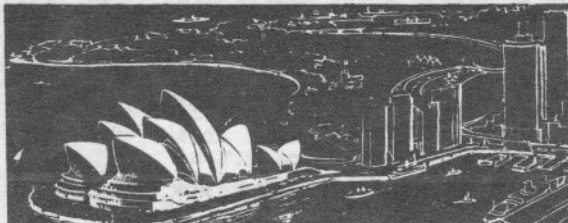
RADIO TASHKENT Attractive green pennant 25cm long with buildings & text in Russian script in red, white & blue. For 10 correct, separate reports. A second pennant in red can be had for repeating the course, according to Dilarom Karimovo of the "Salom Alekum Club". J.Searle

More news of stations pennants
next time.

ONLY 15 WEEKS TO TAKE-OFF !

Detailed arrangements are well under way for this year's DXCURSION. DXer Get together are organised in Melbourne, Murray Bridge and Sydney, and we've a good line-up of station visits. WE ARE HOLDING 20 SEATS ON THE AAT TOUR - so there is still room for several more applicants. We promise you the holiday of a lifetime. + Melbourne + Radio Australia + Shepparton + 3SR + Milawa Winery + Ballarat + Murray Bridge + 5MU + Adelaide + Coober Pedy + Opal fossicking + Victory Downs + Ayers Rock + Alice Springs + 8AL + Camel Rides + ALL YOURS FOR \$825. Send for latest brochure NOW !

DXCURSION
P.O. Box 3160
WELLINGTON



**DXCURSION
AUSTRALIA 77**

DEPARTING 4 MAY

Shortwave Mailbag with Tony Marr

14

Quite a small mailbag this month, but perhaps next month will make it up with more time for DXing after the busy Christmas period. Conditions generally seem only average, but this is no reason to give up looking for the hard to hear ones.... John Durham reports a QSL from Bhutan on 7040khz, and this station has just been logged here in Wellington also ; so keep an ear out for them 1230 - 1300GMT Wednesdays. Now, let's see what QSLs have turned up :

IAN HITCHINER Waiouru is first up with QSLs in from Pakistan 17830 Brasil 15245 RSA 15220 Iran 9022 NHK 9585. Thanks for info.

JIM BENZONI Hamilton has them in from DW 7285 AFRTS 6030 RBI 9600 IBA 12045 DW Malta 6100 VOA Gvle 9635 RA 15190 11780 9540. Ta.

ARTHUR CUSHEN Invercargill has had success with Vatican 9645 RNE 6140 11785 9505 ORU 9725 Sweden 15305 W. New Britain 2340 BBC Antigua 6175 RA 7290 IBA 9425 Sweden 15305.

IAN CATERMOLE Blenheim has a good list with QSLs back from BBC 9410 RBI 15125 Tanafu 3990 RNE 9630 9530 RNZ 6015 RAI 11810 RFI 6175 RA 15410 Ulan Bator 6383 RN 7210 Juventud 4900 Sutatenza 6075 Lara 4800. Very nice.

JOHN MAINLAND Wellington has heard from RNE 11880 15440 FEBA 9725 RFI 9510 Athens 9760. More next month perhaps ?

JOHN DURHAM Meremere has 4 back from Quito 4920 FEN 6155 Athens 17830 and pride of place to Thimphu 7040. Congrats, that's a beauty.

PAUL RAWDON Lower Hutt has 10 out, and QSLs from Thai 9655 Contiente 5030 BBC Antigua 6195 Capital 4832.

JACK SEARLE Haumoana has them in from Kiev 7360 RTVE 11880 Sweden 11790 Mauritania 4850 KGEI 15355 RA 7290 11845 9770 XERMX 15385 after 15½ months. Worth waiting for, I guess, Jack.

DENE LYNNEBERG Wellington has 14 away, QSLs from NHK 11800 FEBA 9725 15280 Ecos del Combeima 4875 BBC Antigua 6195. More from you next time, too....

list which we'll try to squeeze in: QSLs from RN Talata 17810, RSA 21535, 15125, 15155, Rhodesia 3396, Sweden 15305, Garoua 5010, FEBA 9725, YVOC, Hanoi..

PAUL ORMANDY begins our second column with a loner out, and varies in from RBI 9500 Tanafu 3990 Malta 6035 IBA 7460 Sweden 21690 21670 RFI 15315 RAI 9710 Bandeirantes 6185 Pakistan 15520 Ulan Bator 6383 for country 105. Very good, keep those countries rolling in!

MASAMI ONIZAWA Japan has QSLs from Sutatenza 5075 Iran 9022 with a pennant RNE 15440 11920 9530. Thanks.

BRYAN CLARK Wellington has 4 reports away and has QSLed Aldrans 6000 Oslo 11935 BBC Antigua 6175 6195.

BOB BOUNDY Christchurch has QSLs in from BBC 21710 NHK 15195 IBA 12045 with a pennant Brasil 11780 Sweden 9635 RNE 9505 Mauritania 4845 Kuwait 17750 Pakistan 15325. Thanks for all the info, Bob.

TIM McSWENEY Queensland has sent 12 away, and has 3 in from RNZ 6105 HCJW 6130 Sweden 15305. Ta.

TONY MARR Wellington has a loner out to Bhutan 7040 and just one in, from Grenada 15105.

BEST OF THE MONTH

OVER 9Mhz

Sweden 21670Khz 30kw 102 points
Paul Ormandy

UNDER 9Mhz

Tanafu 3990Khz 60w 121 points
Paul Ormandy

BRUCE WILLIAMS Wellington has QSLs from SEC 9560, KGEI 5980. 1 away.

DES DAVEY Te Kuiti advises varies to hand from RN Bonaire 9715, RAI 17795, NHK 15105. 1 out to KGEI.

PAUL EDWARDS Wellington has a big

SHORTWAVE BANDWATCH

coordinated by John Mainland



15

In Bandwatch for January, Dene Lynneberg and Paul Edwards note Nigeria on a new 60 metre band outlet; Radio Hargeisa, Somalia has appeared on their 11MHz channel, and Radio Nacional de Venezuela on 19 metres. Ian Hitchiner has heard Radio Ghana on 9760kHz and Burma has been logged on a new frequency by Arthur Cushen. Radio Australia has made several frequency changes since the introduction of the November schedule.

ALL FREQUENCIES IN KILOHERTZ

TIMES ARE GMT (Add 13hrs for NZDT)

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
3250	1500	INDONESIA	RRI Banjarmasin	with nx from Jakarta. Off at 1515.	AC
3280+	1005	ECUADOR	HCVN7 La Voz del Napo	in Quecha with Andean mx.	RY
3315+	1050	MARTINIQUE	FR3 Fort de France	with talks in FF.	RY
3985	0655	SWITZERLAND	SBC Berne	with FF mx. EE ident & nx 0700, fair.	IH
4500	1900	CHINA	Urumchi, Singkiang	at poor level under VNG with RR ident 'Govorit Peking' after int.sig. Sometimes readable past 1930.	DP
4790+	1105	PERU	OAXSF Radio Atlantida	with SS talks and ident.	RY
4810+	1214	GALAPAGOS ISLANDS	HCVG8 LV de los Galapagos	with id & SS talk. RY	
4885	1625	KENYA	Nairobi	good with Koran. Nx 1730. Often heard.	PE
4890	0909	PAPUA NEW GUINEA	Port Moresby	good with EE music prgm.	IH
4890+	2146	SENEGAL	Dakar	in FF. Other Africans heard at this time were 4904.5 CHAD RNT in FF, 4940 IVORY COAST RTVI in FF, 4972.5 CAMEROUN Yaounde in FF, 4980 GHANA GBC-2 Ejura with EE mx.	RY
4900	1743	NIGERIA	Radio Nigeria	location believed Maiduguri. Good with commercials in vernacs & EE. 1800 Ident & t/check then news in EE. DL 1745 poor in EE with teletype QRM. Believe x 6100.	PE
4980	0557	VENEZUELA	Ecos del Torbes	excellent on late for Xmas 25/12.	PE
5010	1620	SINGAPORE	Radio Singapore	//5052, both good in EE.	PE
5955	1741	FRANCE	Radio France	in EE to Africa, good.	IH
5955	1433	HOLLAND	Radio Nederland	fair in EE to Europe. QRM till 1500.	DL
5969	0955	INDONESIA	RRI Banjarmasin	fair/good in II. 1000 large clock & ident. 1009 Koran readings.	DL
5986	1445	BURMA	Rangoon	on new freq with EE news under RFE.	AC
5995	1821	PHILIPPINES	AFRTS Tinang	with EE Nx. Australia co-channel.	IH
6006+	0835	COSTA RICA	Radio Reloj	with mx & SS ident, poor.	MO
6045	1730	AUSTRALIA	RA Lyndhurst (10kw)	with EE nx //5995, both good.	CC
6135+	0759	BRAZIL	RTV Gaucha	poor with music programme.	MO
6140+	0826	SPAIN	RNE Madrid	with SS to Europe per anct 12/12.	MO
6185	1843	LIBYA	Tripoli	fair in AA with ident & mx prgm, deteriorating.	PE
6185	0600	MALTA	"Vox Fidei"	fair in FF, Saturdays only to 0628. Address is P.O.Box 8040, Zurich, Switzerland. Prgm via Cyclops relay.	JM
6185+	0759	BRAZIL	Radio Bandeirantes	poor-fair with mx & ident.	MO
6195	1745	MALAYSIA	BBC Tebrau relay	of World Service, good in EE.	CC
9022	2010	IRAN	Radio Iran	with EE Nx & features. S/off 2030. Heavy QRM.	IH
9420+	0645	ALBANIA	Radio Tirana	fair in EE till s/off 0700. Tms 9480.	IH/RY+
9455	0545	EGYPT	Radio Cairo	with AA music & ident, fair. Cairo in EE to North America on 9475kHz at 0300, poor.	BL
9490	0215	PAKISTAN	Radio Pakistan	good with EE nx & commentary.	CC
9510	1800	SEYCHELLES	FEBA AA service	poor thru Paris. PR. 1803 int.sig & s/on in AA 1805 under France. Hrd till tune out 1837.	PE
9510	0330	VENEZUELA	VYXJ Radio Barquisimeto	Internacional good in SS with spoken prgm to 0345 s/off with full ident. 25/12. DL Poor 25/12 after BCC Ascension s/off. Hrd poorly on other days also. S/off varies around 0400.	PE
9520	2155	AUSTRALIA	RA Shepparton	in EE to Asia ex 9535 24/12 New freq.	JM

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITIALS</u>
9525+	0701	CUBA	Havana	good with music prgm. No QRM from Paris 23/11.	MO
9530+	1515	ROUMANIA	Bucharest	fair in EE with Mailbox till s/off 1525.	TM
9555	0845	USA	United Nations Radio	via Dixon fair with 'UN Report'.	IH
9560+	1710	JORDAN	Radio Jordan,	Amman with EE news & music.	RY
9570	2300	MALAYSIA	BEC Far Eastern Relay,	Tebrau with World Service.	BL
9575	0200	ITALY	RAI Rome	in EE to Nth.America. QRM Bucharest 9570.	CC
9580	1730	KUWAIT	Radio Kuwait	in EE with id,nx to Europe.New freq ex 11845, //9555.Fair 8/12.JM. 1735 EE news,weather,good.	IH
9600	2000	AUSTRALIA	RA Shepparton	s/on //11810.Severe QRM Madrid.	JS
9600	2030	SPAIN	RNE Madrid	in SS over RA at this time.RA dominant 2100.	CC
9600	2200	TAIWAN	VOFC Taipei	with Mx in EE service, fair 25/12.	JM
9605	0300	CANADA	RCI Montreal	with EE nx,good.S/off 0330.CC.To America.	BL
9620	1835	CANADA	RCI with EE nx	to Europe,good.No sign Belgrade.CC fair.	IH
9635	1945	CANADA	RCI Montreal	in EE to Europe, good. Off at 2000.	JS
9635	2000	PORTUGAL	Radio Libertad	opens in PP. Fair with mx,spoken items till f/out by 2030.JS. (Is via Sines. See May 76 Times,Ed)	
9665	1600	SWEDEN	Stockholm	in EE to Africa.AC. 1605 EE talk on Nobel.	RY+
9670+	1337	PHILIPPINES	Radio Veritas	with new service in JJ.	MO
9670	2030	PORTUGAL	IBRA Radio	via Sines, EE ident, then Norwegian prgm.	IH
9675+	1926	GREECE	Voice of Greece,	Athens with EE news.	RY
9685	0400	CUBA	Radio Havana	with EE. 11760 best.9715 SS under RN 0800.	AC
9690	1818	AUSTRIA	ORF Vienna	with EE to Near East. Fair.	JS
9700	0315	SEYCHELLES	FEBA with EE ident,	then Swahili to East Africa. New freq x9725 25/12.Fair.JM. 0330 fair in EE ex 9725.	PE
9705+	1337	MEXICO	XERMX Radio Mexico	poor with idents & talks in SS.	MO
9715	0730	NETH.ANTILLES	RN Bonaire	in Dutch to Aust/NZ.Strong.Off 0750.	JB
9735	1030	ANTIGUA	DW Caribbean Relay	broadcasting in SS.	AC
9735	1100	ITALY	Rome	opening at fair strength under DW.	AC
9745	0800	ECUADOR	HCJB Quito	in EE to South Pacific, strong //11915.	JB
9750	1046	CHILE	Radio Festival	(new call for Minería.Ed) good in SS. 'El reporte extra' at 1100.	PE
9750	2215	MALAYSIA	Voice of Malaysia	with Indonesian Talk, fair 25/12.	JM
9760	1954	GHANA	Radio Ghana	with ident in EE. Poor due heavy QRM.	IH
9770	1830	NEW ZEALAND	RNZ Wellington	with very strong signal in EE.	CC
9833	0328	HUNGARY	Budapest	with EE sports results. Ident 0330, fair.	IH
9915	0735	GREAT BRITAIN	BBC with EE news,	good. Also good at 0322.	IH
11646	1519	SOMALIA	Radio Hargeisa	very good in Somali with mx prgm. Nx at 1530. Hrd thru to 1630 s/off.DL 1540 good to s/off 1630.	PE
11700	0425	IRAQ	Baghdad	with AA Service to 0448. Fair,new frequency.	JM
11705	1725	FRANCE	RFI Paris	EE to Africa.Good,regular.BL. 1726 EE fair.	JS
11730	2300	NETH.ANTILLES	RN Bonaire	good in SS to Nth Africa.	IH
11730	1830	HOLLAND	Radio Nederland,	Lopik weak in EE.	BL
11745	1750	FRANCE	Radio France International	good with EE nx,mx to 1755.	IH
11770	0601	ETHIOPIA	ETLF Addis Ababa	in EE to West Africa.S/off 0607.	PE
11780	1837	SWEDEN	Stockholm	fair-weak in EE,Listeners Mailbag. 0927 Closing identification in Swedish and RR, good.	CC
11780	2100	BRAZIL	Radio Nacional de Brasilia	EE fair.BL.Here x 15245.	TH
11790	2300	PORTUGAL	Lisbon	in PP to Brazil //11840. Fair ex 11800 4/1.	JM
11800	1758	SOUTH AFRICA	Radio RSA	s/on in FF fair. New freq. Concludes 1848 & resumes in PP 1859. Increasing splash RA 11810. 1804 fair-good in FF.PE. 1956 Fair with FF s/on 2000.	BC
11800	1900	SRI LANKA	SLBS European Svce	s/on in EE mixed Radio RSA.	DL
11800	0815	PORTUGAL	Lisbon	s/on in PP, poor. New frequency 4/12.	JM
11810	1950	AUSTRALIA	RA Shepparton	excellent in EE.	JS
11825+	0103	TAIWAN	VOFC Taipei	poor in EE with nx, mx and cmtry.	TM
11830	0005	AUSTRALIA	RA Shepparton	Indonesian Svce.Fair ex 11820.	JM
11835	0845	URUGUAY	Radio El Espectador	in the clear from this time,with mainly news prgmg,some mx. Ident 0900 and often later.F/out 0950.BC. 0850 peaking good at 0900 in SS with advts,idents,mx. ALSO tentatively 2203-2240.PE. 0900 s/on anct,news. AC	AC

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>7 PROGRAMME & RECEPTION DETAILS</u>	<u>INITIALS</u>
11835	1030	SRI LANKA	SLEBC Colombo	strong in EE to 1130.AC.1105 nx,rlg. Good in EE. Anncd frequency as 11800. S/off 1130.	TMS+
11845	0500	AUSTRALIA	RA Shepparton	exc in EE. 100kw to Africa.	JS
11845	1633	SEYCHELLES	FEBa	good,regular in EE to s/off 1650,since 16/12.	PE
11860	0622	TAIWAN	VOFC Taipei	BED45 good in SS.	JS
11875	2120	USA	WYFR Family Radio	with SS nx & religious prgm, fair.	IH
11890	2330	PHILIPPINES	FEBc Manila	with EE news, good.	IH
11930	1714	FRANCE	Radio France International	in FF & EE to Africa.Fair.	JS
11935	0056	AUSTRALIA	RA Carnarvon	in Thai.FF at 0100.Weak,co-chann QRM.	JS
11955	1945	ETHIOPIA	ETLF	in EE to West Africa,good on 27/12 & 28/12.	BL
11985+	0704	ALBANIA	Radio Tirana	fair in EE till s/off at 0728.	TMS
12035	0912	SOCIALIST REPUBLIC OF VIETNAM	Voice of Vietnam	EE Mailbag prgm, good //10040.	DL
12045+	1200	ISRAEL	IBA	good in EE until FF prgm begins at 1230.	TMS
15105	2037	GRENADA	St Georges	poor with mx requests in EE past 2103.	PE
15120	1359	HOLLAND	Radio Nederland	s/on in EE, with news at fair level.	DL
15125	0959	SOUTH AFRICA	Radio RSA	good in PP.PR.S/on in PP for Angola & Mozambique, very good.	PE
15135	0800	NORWAY	Oslo	exc Sundays with EE prgm "Norway this Week".	CC
15140+	1315	SWITZERLAND	SBC Berne	signs-on in EE, with news.	RY
15155	1753	SOUTH AFRICA	Radio RSA	int.sig & s/on in GG, good.	PE
15170	1900	TAHITI	Radio Tahiti	with EE news summary, fair.	BL
15205	0000	AUSTRALIA	RA Shepparton	fair in Vietnamese //11935 ex 15290.	JM
15215	2350	AUSTRALIA	RA Shepparton	relaying Pakistan/aust Cricket Tests JB till 0705.No sign of //17820.CC 0036 special freq Cricket.	JS/
15220	0620	SOUTH AFRICA	Radio RSA	with EE news & mx.Heavy QRM.Poor.	IH
15260	2200	ASCENSION ISLAND	BEC Atlantic Relay	regular with WS news.	BC
15273.3	2255	URUGUAY	SODRE Montevideo	poor 1/1 with surging fades till t/out 2344.Many mentions of Uruguay & typical Latin prgms in SS. PE. 2300 Mx prgm in SS,fair but suffered frm fading.	DL
15275	0715	MALAYSIA	Radio Malaysia	very good here in EE.	JS
15280	0700	SEYCHELLES	FEBa	with EE gospel programme.	AC
15305+	1105	SWEDEN	Radio Sweden	fair in EE.S/off 1127.QLS in 3 weeks.	TMS
15345	0900	GREECE	Athens	opens transmission under VOA in RR.	AC
15355	2000	USA	WINE Red Lion	closing. Resumes at 2003 on 11775.	AC
15365	1955	ETHIOPIA	ETLF Addis Ababa	in FF to sign off at 1953 (?Ed)	AC
15385	2030	MEXICO	XERMx Radio Mexico	good in SS with mx prgms. EE ident at 2030. Followed to past 0030.	PE
15390	0239	PHILIPPINES	FEBc	with EE news & religion,fair.IH.0356 in EE.	BL
15395	0905	CZECHOSLOVAKIA	Radio Prague	fair in EE.	BL
15400	2155	VENEZUELA	Radio Nacional de Venezuela	YVRO Caracas, fair in EE with Nx. 2300 ident in EE/SS. Annces 6170 & 15390, but definitely on 15400. EE to 2230 one day, 2215 the next.	DL
15425	0127	TAIWAN	Voice of Free China	in EE with language lesson,fair.	DL
15430+	1315	SWITZERLAND	SBC	fair in EE with 'Dateline'. GG at 1345.	TMS
17735	0800	SPAIN	RNE	in SS to Aust/Philippines. Fair ex 15440 4/1.	JM
17755+	1332	EAST GERMANY	RBI Berlin	with EE commentary to Africa.	RY
17785	1514	FRANCE	Radio France Cooperation	Radiophonique via Issoudin. Exc at s/on in EE & FF.Ident as "Radio France International Cooperation Service for Media Stations in Africa, Madagascar & the Indian Ocean". //17800 also from Issoudin site.	DL
17830	1259	GREECE	Voice of Greece	Avlis s/on with Greek nx. FF at 1315.	DL
17890	0108	TAIWAN	VOFC Taipei	with new EE service at this time, fair. //11825 & 15425.JM.0622 BED40 good in Vietnamese to 0700.	JS
17920	1355	EGYPT	Cairo	fair but clear with 'Arabic by Radio' in EE/AA.	DL
21480	0927	MADAGASCAR	RN Talata	relay, good in Indonesian.	PR
21485	1203	VATICAN	Vatican Radio	good in EE.	PE
21520	1118	SWITZERLAND	SBC Berne	with 'Dateline' in EE.	PR
21535	1055	SOUTH AFRICA	Radio RSA	poor at sign-on in EE.	PR
21590+	0230	PAKISTAN	Radio Pakistan	fair in EE with dictation nx.	TMS
21610	2258	USA	VOA Dixon	Breakfast Show //17810,15290 all excellent.	PR

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
21660	0858	CYPRUS	BBC	relay with local ident, then Nx.//21610, 21710	poor, PR
21675	0936	FRANCE	Radio France	strong at s/on in FF.	JS
21690	0830	ITALY	RAI	Rome s/on in Italian to Australia.	PR
21730	0808	PAKISTAN	Radio Pakistan	with EE news, poor.	IH

OUR CONTRIBUTORS:

PR Paul Rawdon BL Bruce Lister CC Colin Campbell TMs Tim McSweeney (Qld)
 JS Jack Searle FE Paul Edwards DL Dene Lynneberg RY Robert Yajko (USA)
 BC Bryan Clark DP Dick Pollard JM John Mainland IH Ian Hitchiner
 AC Arthur Cushen JB Jim Benzoni MO Masami Onizawa (Japan)

Apologies to JB who's entries were lost half-way thru typing. Greetings to our loyal and regular Japanese contributor Masami, who uses a Yaesu FRG-7 and dipole antennas for 31, 49 and 60 metres.

BOOK REVIEW

SWL ADDRESS BOOK - 64 pages, written by ace American DXer Gerry Dexter, and published by Gilfer Associates Inc.

In this publication, in a new second addition, you'll find practical information on the exact address you should use to mail a reception report, the verification signer's name and title, the type of response you can expect and the average time it will take, what language to use in your report, whether postage stamps or IRCs are required, and if tape recordings are accepted and verified.

This book is easy to use. The information published is derived from "working experience" as opposed to "official sources", and comes complete with a handy updater sheet. Price is US\$3.30 and it is obtainable from Gilfer Associates Inc, Box 239, Park Ridge, New Jersey 07656. Leigh Morris

ADVENTIST WORLD RADIO IN ASIA

AWR-Asia has been set up similar to the existing operation of AWR-Europe, where the facilities of RTE Portugal and DW Malta are used for broadcasts. AWR-Asia is currently broadcasting from the facilities of SLEB in Colombo Sri Lanka in Indian languages & English
 EE sked: 0330-0345 on 9720, 15425kHz
 Sundays; 1345&1430 on 7190, 9720, 15425
 Sundays; 1330-1400 same freqs Friday;
 1330-1345 same freqs Saturday.

Many reception reports from listeners in the target areas have already been QSLed. Additional reports from these areas, as well as from countries further afield are being encouraged. The address is AWR-Asia, Box 15, Poona 411001, India.

The 10kw Macao station on 735kHz has also been added to the AWR outreach.

THE WISDOM OF BEING POLITE

On 14 July 1976 I heard a Latin American station which I duly identified as Radio Nacional de Peru on 6082kHz. I listened for about 1½ hrs, took down details of the programme heard, and duly sent off a report. I was then told by other DXers that there was not much hope of receiving an answer from this station. Much to my delight however, I received an answer in 7 weeks, in the form of a postcard signed by Edna Almandoz M. (correct spelling Ed). This lady is an actress, involved in radio & TV work with Radio Nacional.

In reply to the postcard I sent a thank you note copied from the 4/74 DX Times, and included a tea towel calendar of Australia as a gift. On 16 November I received a parcel from Edna Almandoz by registered mail, containing a dark green place mat decorated with Peruvian motives, and a beautiful white pennant, with red border and yellow frill on the bottom, and the text 'Industria Metalica Moderna, 28 Agosto 1976, Felicita a enrad - Peru, por la inauguracion de la nueva Radio Nacional en la ciudad heroica de Tacna. 10kw - 850kHz". Also included was a personal letter from Miss Almandoz.

I have not sent many reports to Latin America due to the poor response and high cost, but the above shows what a simple thank-you note and a novelty gift can do. So, if you receive an answer to your report to Latin America, take the time to send a note and keep up the integrity and good manners of DXers. You never know what may come your way. Bill Vogel

(We will reprint the article referred to by Bill, when space permits)

← info from Adrian Peterson

ARTHUR CUSHEN'S SHORTWAVE REVIEW 19

The past month has seen and improvement in high frequency reception, and signals from Africa have been noted at 2000 in the 15 and 17 Mhz bands.

All times are GMT

All frequencies Khz

Antigua: The Deutsche Welle relay on 9735 has been heard in Spanish 1030-1120 and at times transmissions have been heard as early as 1010.

Australia: RA is using a new frequency of 9710 at 0400 in English.

Canada: Radio Canada is to carry out test transmissions January 11 to 18 on 11865 to the South Pacific from 2000 to 2100 GMT. 11855 has also been suggested as Deutsche Welle is using 11865 in Spanish. A new frequency in the 31 metre band, 9640 has also been suggested and may be tested. The present transmission 2000-2030 in English and 2030-2100 in French is broadcast on 15290 15325 and 17820.

Cuba: Havana is using 9715 at 0800 in Spanish which is causing interference with Radio Nederland's programmes to New Zealand via Bonaire. English from Havana at 0400 is now on 9685 11760 and 11795.

Ecuador: HCJB broadcasting to Europe in English at 2000 is well received on 15310. 11790 is blocked by the AFRTS.

ETHIOPIA: ETLF has been heard closing in French on 15365 at 1955.

Greece: Athens transmission on 15345 at 0900-0950 to Australia is now blocked by VOA with a transmission in Russian.

Guam: TWR Agana with a 100kw transmitter has a tentative schedule of 0900-1400 to South East Asia and the Far East on 11705, and 1400-1500 on 11850.

Indonesia: RRI Banjarmasin's schedule is 3250 from 2200-0100 and 0900-1500; and on 5970 from 0400-0700.

Italy: Rome has been heard opening at 1100 on 9735 mixed with Antigua.

Korea: KBS Seoul 3930 has been heard at 1000. This is a frequency change from 3918.

Sri Lanka: Colombo on 11835 with very good signals 1030-1130. Also on 15120 and 17850.

U.S.A. WINB Red Lion Pennsylvania on 15355 closes at 2000, and reopens at 2003 on 11775 with a much stronger signal. The present schedule is 1700-1830 on 15375, 1830-2000 on 15355, 2000-2200 on 11775.

Vietnam: Hanoi is heard in English 0900-0930, 1000-1030 on 10040 and 12033. 1530-1630 on 1240, 7470, and 10040; 1800-1900 on 10040 and 15012; 2000-2100 on 10040 and 15012.



ISRAEL
BROADCASTING
AUTHORITY

Prior to the creation of the State of Israel on 15 May 1948, broadcasting was in the hands of British mandate authorities who operated the Palestine Broadcasting Service. With the state of Israel was born Kol Israel 'Voice of Israel' as a govt department. IBA was formed in 1965 as an organisation independent of the government. Today 4 networks are operated, with a 5th programme during peak evening hours. The shortwave service is on air 16 hours daily in Hebrew, EE, FF, RR, Yiddish, Roumanian, Persian, Hungarian & Georgian and other languages. IBA aims to give listeners abroad an appreciation of events in Israel, the Middle East and the Jewish World.

IBA Shortwave has four 300kw and one 100kw transmitters in a total of 14. The news programme directed to NZ at 0500-0515 daily on 12045kHz provides excellent reception. Brent Allred

..sign off..

RADIO PAKISTAN are requesting reports on frequencies beamed to our area in the period 2345 to 0045 GMT, Outlets are 7135, 9460 and 11750kHz. Address for reports is Pakistan Broadcasting Corporation(HQ), 35/A, Satellite Town, Rawalpindi. Ian Hitchiner.

ECUADOR For airmail replies from HCJB The Voice of the Andes, mint stamps of the listener's country may be sent in lieu of IRC's, from English speaking regions. The equivalent of US 25¢ or UK 20p is required. EDXC via ARDXC

RADIO TASHKENT's winter schedule has 30 minute English programmes at 1200 and 1400 on 5975, 6025, 9540 & 9600kHz. A DX prgm is broadcast on the second Sunday of the month. "Salom Aleikum", Radio Tashkent's Listeners Club prgm is aired on the last Sunday of the month and repeated the following Saturday. F.Mulder SCDXers

TRISTAN RADIO, operating with an output of less than 40 watts on 3290kHz, was set up on the lonely South Atlantic Island of Tristan da Cunha, following the cessation of volcanic activity which caused the island's evacuation some years back. The studio console consists of 2 record players, tape recorder and control panel, positioned so that the programme can be run by 1 person. Along with the WWII vintage transmitter and the receiver used for relaying BBC World News, equipment is housed in a small portable building 'portakabin' left by an American expedition. Programmes are presented on Sundays, Wednesdays & Fridays 1900 to 2200, and the whole arrangement is run on a voluntary basis. C.Davis NASWA.

SOUTH AFRICA Radio RSA's first of 3 new 500kw transmitters is expected on air this month. New antennae are also under construction for operation on all frequencies from 90m to 11m. Also additional 100kw HF transmitters are being prepared for broadcasting the domestic 'Radio 5' network, which is 'youth orientated' and currently on MW only. Tests of Radio 5 are expected around March/April on 90, 60, 49 and 41 m.b. Radio RSA via PadulaADXN

BENIN ORTB in Cotonou has received two new transmitters from Germany - a 20kw MW and 50kw SW with a rotatable antenna, which will make possible broadcast -s to Europe, Asia, America. SCDXers

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE

P.O.Box 1313, Invercargill.

All queries re membership, policy matters, 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.

Closing date for contributions:-
5pm on first Monday in the month.
Advertising: 50 cents for up to 30 words. Other rates on request.

ANNUAL SUBSCRIPTION: NZ\$5.00

Joining fee surcharge of \$1.00 for new members only. Overseas rates available from Invercargill.

NEW ANTENNA TECHNIQUE! A project of the National Iranian Radio & TV Organisation (NIRTO) to use balloons to provide radio and TV coverage in remote areas of the country is nearing completion. One of the balloons will be located 300km from Zahedan, near Saravan township, to serve a large area of the Sistan & Baluchestan province. Another, intended to cover much of southern Iran, will be located 200km from Bandar Bushehv. The balloons will be filled with helium and act as space platforms for electronic equipment capable of transmitting 2 TV programmes and 1 FM radip programme. Each balloon will be equipped with 4 1kw TV and 2 100w FM transmitters. The first balloon was scheduled to become operational last October in the Baluchestan region and provide reliable coverage over an area 230km from the site. BBC MS (c)

NORWAY NRK are to build 2 new short-wave stations, one at Kvitsøy, outside Stavanger, for completion in 1979, and the other at Sveio, some 50km north of Kvitsøy, to be operational in 1983.

Reidar Bo SCDX

GABON is another African nation joining the SW power race. "La Voix du Gabon" at Mayabi-Franceville will have four 500kw SW transmitters beaming to Latin America, Far East, Europe, USSR and Oceania. Completion due in March 1977. Chenal SCDXers