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NEW ZEALAND DX TIMES

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Win Some, Lose Some

The American Forces Radio & Television Service in Washington DC was almost closed down on shortwave last month. Since 1966 the Voice of America has provided AFRTS with SW transmission facilities at no cost, but is now seeking reimbursement. Following a review of US Forces overseas, it was established that most overseas AFRTS stations received their programming by superior quality cable and satellite circuits, and on 8 December, a closedown of the SW operation was announced, effective 1 January 1978. This was subsequently postponed till 17 January. Apparently due to a large amount of listener protest, the decision was rescinded at the eleventh hour, and AFRTS has advised it will be remaining on the air. VOA are seeking a \$400,000 yearly transmitter rental fee following cutbacks in their own budget. Let's hope the problems have been resolved and that the SWL can enjoy the distinctive programming of AFRTS Washington for many years to come!

In recent years the protests of SWLs and DXers have been instrumental in restoring several major shortwave operations. Not so, for the shortwave service of the tiny Indian Ocean island of Reunion, which closed its 4kw SW station a few years back. Apparently only 3 or 4 people wrote in to query the closure!

Another loss, as yet undone, was Radio Australia's popular DXers Calling programme. Responding to a protest letter, Allen Hull, Assistant Director of English Language Programmes, writes that "the dropping of DXers Calling was not an easy decision to make. We knew of its high standing in DX circles, and were conscious of its history. With only one English Language Service, we constantly have to review our programme output to ensure we are making the best use of the programme time available. It was within this context that we decided to combine the specialist programme DXers Calling with our other weekly programme for shortwave enthusiasts - Club Forum. This change allowed us to introduce the new and significant science series called Insight." Mr Hull concludes - "While I can appreciate that no amount of explanation will make you feel any happier about the loss of DXers Calling, I hope you can at least understand the reasons behind our decision."

Info from Glenn Hauser's Listeners Notebook, NASWA FRENDX 2/78, via John Moritz on Glenn's DX Digest Report over RCI, and from Bruce Williams.

Trans World Radio

P. O. Box CC, Agaña, Guam 96910
Phone: 344/4197/Cable: VOTAN

TWR GUAM are seriously considering a broadcast beamed to Australia & NZ, and are seeking evaluation of reception on 11705kHz in the period 2100-2200 GMT, as well as recommendation of other 25 metre band frequencies. Currently English is scheduled 0900-0930 to Indonesia/Malaysia on 15115, on the same frequency to Indonesia 0930-1000, to Japan on 9640 at 0915-0930 and 1000-1100, to South East Asia 1430-1500 on 15190 and 11730, and 0030-0130 on 17855kHz. Turn to page 10 for TWR GUAM's tentative frequency schedule, effective 5/3/78.

CLOSING DATE FOR NEXT ISSUE - MONDAY 6 MARCH at 5PM. CONTRIBUTIONS PLEASE TO BOX 2956, WELLINGTON. THE MAGAZINE REFLECTS MEMBERS' ACTIVITY IN THE HOBBY, AND THAT MEANS YOU! DON'T FORGET CONTINENTS LISTINGS TOO. See P10.

FROM THE BRANCHES

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SOUTHLAND The January meeting was held at Tiwai with 9 present and 5 apologies. Business covered Convention registration, the Adcom meeting, Charlie Chester intimating he would continue as National Secretary, and general business. After the quick meeting members did some DX listening, to find conditions only fair and loggings restricted to North American Pacific Coast stations. Irene Simpson acted as hostess and served supper, members returning to the city at 10.45pm. The next meeting will be held at Frank Glen's, Myross Bush, on Tuesday 28 February. Competition results: Broadcast - Frank Glen, CKTA Alberta 1570 5kw and Arthur Cushen KHVH Hawaii 990 10kw. SW - Arthur Cushen Sweden 21555 100kw and Steven Greenyer Benin 4870 30kw.

OTAGO A busy time for the branch this month, with 2 meetings and several plans underway to promote activity and increase membership. Briefly, negotiations are underway to have a stand again at the Otago Building Display Exhibition in August, small advertisements are being run in the Otago Daily Times, and we're revamping our display at the Public Library. At our first meeting on January 15, Ash spoke on DXing to CB operators on their Sunday night 'net'. A lot of interest in the SWL hobby has been shown by CBers, especially those with FRG-7's. From this we have 4 tentative members. So Ash, having graced 26525kHz with his dulcet tones, is in fine shape for moving down to 780kHz later this month. An interview with Aline Sanderlands of 4YA Current Affairs was recorded on 30 January. Complete with DX sound effects, it will have a duration of about 10 minutes, and be aired one Monday night this month, between 7 and 7.30pm. Our January meeting proper was held at Des Mills' residence, with 6 members present. News was given of Ian Wells' marriage at Milton on February 11. Congratulations to Ian and Lisa, and very best wishes from all Dunedin members. The meeting opened with new members Stephen Dalliessi and Pete McKellar being welcomed. Discussion on a wide range of topics followed, in particular the restoration of our listening bach at Brighton. Our next meeting is on February 24 at 7.00pm, at 7 Bellevue Street, Belleknowes. We'll be having slides, quizzes and tapes, and following the meeting there'll be an all-night listening session. We hope to have a full turnout! New phone numbers are: Ash Nallawalla 66453, Kirk McMillan 45557.

NORTH OTAGO The January meeting saw 8 members present, and was chaired by Vice-President Ito, in Peter's absence. A warm welcome was extended to visitors Barry Jones and Dave Hammer. The Junioe members are doing well, and Glen Jamieson qualified for his log-book. It was decided that a report on Junior Section activities should be forwarded to Invercargill. The Branch picnic is to be held at Mr J.Pringle's property, Kakanui River, on 12 February. Paul scooped the B.O.M pool with KJNP Alaska, OAX4A Peru 854, RSA 9585 & Bissau 4780. Next meeting is 16 February - Juniors at 6.30pm, Seniors at 7.30pm.

WELLINGTON 7 members attended the 27 January meeting at Bruce Williams', the branch welcoming prospective members Neville Godwin and Alec Nisbet. There was discussion on a branch listening post, and it was decided to mail copies of the branch newsletter 'Capital DX' to those branches that reciprocated with a copy of their publication. Competition results: SW Senior John Mainland RN Malagasy 11735 300kw & Djibouti 4780 4kw. SW Junior Trevor Philips AIR 11775 250kw and Paul Edwards Rhodesia 3308 100kw. MW Paul Edwards with KATZ 1600, Iraq 908 and 4XS Radio Sunshine 1260. The next meeting will be held at 8pm, Friday 24 February at Bryan Clark's, 47 Upper Watt St, Wadestown.

AUCKLAND The January meeting of the Branch was held at the usual venue, the NZART Western Suburbs Branch clubrooms in New Lynn, on the 22nd, with 9 present and 6 apologies. Stuart Forsyth was a welcome newcomer, as was former League member Tony Ward, recently returned from Canada. Amongst topics of discussion were proposals for a good location for a branch DX site on the coast away from the city QRN, and methods to encourage the other 50 Auckland League members to join the branch. Afterwards, Bryan Marsh gave a review of the National RF8000 which was loaned by Miles & Carlaw Ltd. The next meeting is set down for 26 February.

BROADCAST DX

por los personal nesecario

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First 'hot item' this month concerns two more short term warrants for the N.Z., scene; Canterbury University Students Ass., will operate from Monday 20th Feb., to Saturday 4th March, 10.00am-8.00pm on 1230kHz with a power of 100 watts. Format will be non-commercial. Reports should be sent to, Canterbury University Students Ass., 90 Ilam Road, Christchurch...Auckland University Students Ass., Inc., will operate from Sunday 12th February to Saturday 11th March, 12.00 midday to 12.00 midnight on 1190kHz using up to 100 watts of power. Format is again non-commercial. Address is Auckland University Students Ass., Inc., 1st Floor, Students Union Bldg., Auckland, N.Z. Don't forget, when sending reports do include return postage. N.B., both items have been quoted in D.S.T. (B.C.N.Z. via AC)

In a letter of verification from Clayton F. Caughill, V.P. & Director of Engineering at K P O I to Arthur Cushen comes the news of a disastrous fire during the holiday season at Alan Roycroft's installation at Kamani Street, Honolulu. As a result four Honolulu stations, K I K I, K H V H, K O R L and K Z O O (sharing that tower) suffered damage in the blaze and were off the air until emergency repairs could be made to restore operation. K O R L is now broadcasting from the K G M B antenna, the remainder staying on at Kamani Street are back on air after an almost non-stop two day effort by Alan and his crew...K K U A 690kHz has recently installed a new 10,000 watt transmitter...K G U has reportedly been sold with new owners to take over operation soon...K P O I studio have been relocated at 741 Bishop Street in Downtown Honolulu.

From across the Tasman comes the news that three years after applications were invited for the licence, the union-backed Wollongong City Radio Ltd., has received the go-ahead to operate Wollongong's second commercial radio station. The new station hopes to be on the air within the next six months and will operate continuously with an up tempo contemporary music format, strong community affairs and ethnic programmes and local, national and global news services. However, the station may yet have to survive a challenge from any of the three unsuccessful applicants.

BROADCAST MAILBAG.

Harry Weatherley Melbourne is first out of the bag and reports are away to KFYV, KLIV, KBBQ, KFRE, KPAY, KRED, KEEN, KMEN, KESL, KSDO, KRE, KNEW, KIDD, KLAC, KDIA, KKHI, KPOD, KVON, KPLS, KATA, KWOW, KUBA, CHWK, CKSB, CJVB, CFOP, CFUN, CKPG, CFAX, WTAI, WLS, WBBM, KIGY, KTLK, KIDO, KRMC, KGAL, KBBR 250 watts, KMED, KBDF, KRNR, KYXI, KMWX, KWSU, KGHO, WREN, KBBX, WSDL, KTAR, KDWN, XEROK, KUAL, KHVH, KPOI, KIOE, KCCN, KOHO, KZOO, KIPA, KAIM, WXLG, WSZO, 2AP 1050, Port Moresby 1250. Lone verie in from KBBR for first 250watter. Cool-um, Cool Man. Tnx and Hi!

Raymond Crawford Invercargill has one report out to 4ZJ Jamboree Radio. QSL's are in from 2LT 1380, Oman 1240, 4XS, Malaysia 945, 1140, 1055, 1224, 1278. Sigs are rolling in at Tiwai Ray.

Chris Martin Sydney or is it Coolum? from recent trips to the latter has logged KICY, CFAX, CFPG, KBDF, KMED, KMEN, KDWN, KRMG, KBBX, KYAC, KWSU, KRE, KSDO, CKSB, WREN, KYXI, CKX, KVON, KWOW, CHWK, KPAY, KIDD, WLS, CKPG, KGAL, KFYV, KMWX, KPNR, KPLS, KATA,

Chris Martin contin., KOMY, KIDA, WSDL, WTAI, WXLG, KBEQ, CFUN, KGHO, WSZO, KGAR, KBBR, KTAR, KRNV, KPOD, XEG, XEVIP, KOXR, Lae 670, 4GC, NHK 1590, KIDO, KAIM, KIPA, KZOO, KPUA, KLEI, KCMO, KSO, KSRO, KXLY, KRDL, KGYN, KAGO, KIPL, KWJJ, WJBO, KXXR test, KYOS, KIRO, KYA, KRKO, KFJZ, KUHL, KVAN, WSMB, KONA, KSAL, KCVR, KGEM, XED, KURY, KXA, KIIS, KOFI, KAYK, KIT, KCKC, KGO, KELI, KCOR, WGN, KVOG, XEJP, KBEA, 8DR. QSL's have arrived from KICY, KMEN, KVON, CFAX, KMWX, CKX, KFYV, NHK 1590, CFPG, KBDF, KOXR, CHWK, CFUN, Lae 670, XEG, KOGO, KGAL, KIDD, KPLS, KRE for U.S.A. 100, WSZO for Country 150, KDWN for State 29 and KBBR for 1st 250watter. Whew ever felt like resting? It would be many years since stateside loggings like yours and Harry's have graced the pages of the 'Times'.

Sutton Burtenshaw Invercargill has more mundane type logs than those above, R Sam 1030, 4ZJ 1320, KTLI test 1590. Veries have arrived from 4XS 1260, HJPM 1450, KTLI 1590, WXVI 1600.

Paul Rawdon Eastbourne has "nil in" but a lone report out to 4ZJ, logged on site.

STOP PRESS Listener for 18/2 lists University stations on-air late February - Radio Contact, Waikato University on 1450kHz & Radio Active, Victoria University 1260kHz. No other details.

BROADCAST MAILBAG

Bryan Clark Wellington has his reports out to 4ZJ 1320, and 2ZM-emergency tx while rewards have arrived from KTOM ppc, 4XS, KLOK 1170, KGO 810, KPRO ppc 1440, KUHL 1440, 2ZM 100watts. Nice lot Bryan.

Alan Gilmour Greymouth from home has logged 1XC and 4ZJ. From eastern Bay of Plenty has reports out to KDAY,WLW,KFRE, KPNW,WBAP,KNEW,WWL,KOB,KNBR,KSL,KUHL,KOA, ZK1ZC,KFRC,WXLE,HJPM,KPOI, Rakiraki 1470. West Coast Postie of Plenty very soon! Hi

Philip Brooks Wanganui has Jan., notes that missed the deadline, R Sam 1030 and R 'N' 1300 as logs with QSL's in from 2BS KRLD, KFAX,KIOE,KHVH,KORL AND 2MG. Feb., notes consist of reports out to KUAI, KTWO,KOGO,KBOI,KFRE,KPOI,KGU,KFRC,KIRO, CKNW,KEYS,KELI,VSZ-1 and veries in from KRLD,KFAX,2BS,KIOE,KHVH,KORL,WAKR,KVEN, 2MG,2XN,4XS.

Brian Withers Christchurch has logged 1XC 4ZJ,KEYS,KRIO,KTNQ,KBBQ,KGMB,KUHL,XEDM, DWRF 1470. No QSL's as yet. Best of luck for your European trip.

Paul Ormandy Oamaru has log of KBBQ, KUHL Banjarmasin 1134,KYOR 1450,DZDL,VOA 1180, WDR 1586,WSZD,4ZJ,VOV 803,R Moscow 1250, DXED 1017, Pyongyang 635,KTIP 1450,KRAK. QSL'S are in from KJNP, KUHL,Damman 886 WDR 1586 for countries 53 & 54 and 6WA.

Alex Wellner has sent reports out to 4KZ 4AY,4MK,4TO,4CA,4CD,NBC Lae670,NBC Port Moresby 1250,NHK Akita 770.

Hank Wilkinson Santa Rosa California has reports out to HJKA,TIPJ,HJFT,DYLA,HOR-56 St Vincent 705?,KHLO,KNUI,KNOM,HOF-47 & Ondas Tropicales. Veries are in from DYLA KHLO,JOXK,KNUI. Hank is currently using a Hammarlund SP-600 and HQ-180 with a Sanserino Loop. Tnx Hank.

Tony King Wellington has had a few days in the Tokoroa paddocks with the TRF and a 650' electric fence nylon beverage. The resulting reports are out to 1XS?C, 2XN,Paradise,KLIV,KBBQ,KING,KRAK,KDAY, & KRLD. That electric fence reminds us down here of Kapukaness.

Arthur Cushen Invercargill has QSLed KPOI 1040, and Panamericana Bolivia 580, while reports are out to 4ZJ & KUHL. Tnx.

Ash Nallawalla Dunedin has taken time off to log 4ZJ. Welcome back Ash.C U T Y.

4 John Allchin Auckland has logs of 1ZO, & 3BO. From the Te Araroa DXpedition site KING,KFQD,CJOR,CKNW,CJVI,CKWX,KUAI,KNBR, KGAR,KIRO,KRIO,KEYS,KBOI,KOGO,KPOI,KCRG, KAIM,WBAP,WLW,WWL. KFAX is the lone QSL. Rest will surely follow John.

Paul Edwards Wellington has QSLed KATZ, CHUB,CFGO 1440,KCBQ,Iraq 908,3BA,4MK,4XS 2MO,7EX,7HO and logged 4ZJ,HDLA 1570, Sharjah 1575, KVEN 1450, KBOI and KDAY.

Eric McIntosh Invercargill has loggings over the past few months, 1XC, 1XI, 4XS, 4ZJ, JOAR, 2GN, 7FG, KLIV, KBBQ, KUHL, with veries from 1XI,3YR,4XS,2EA,2GN,7SH, 7FG,and JOAR. Tnx Eric.

Dene Lynneberg Wellington has reports out to KBBQ, KGB, XEGM, KUHL, KUDE. QSL's are to hand from 2XN, 1XI, 4XS, Sabah 665/750.

Ian Cattermole Blenheim has logged R Sam, 2NU,4QW,4ZJ,JOGB and QSLed 2LM,JOGB & KPOI (1380).Tnx Ian, sun still shining your way?

Bill Woller Opunake with reports from home as CFGO,WWL,R Sam & 2XN. From Matata and Pongakawa KJJJ,KRIO,KFAX,KWIL,KTOM,KOOL, KELI and WTAR. After many more tape listning hopes to get enough to send to WSPR on 1270. Veries are to hand from 2XN, WWL, & CFGO. Nice stuff there Bill.

Stuart Forsyth Auckland firstly with notes that missed last months deadline has logs of KHVH,KGMB,2GB,4GY and a lone verie in from 2ZE. This month Stuart reports logs as R Sam,Fiji 2 710, 1ZN/ZE, KFBK, KTNQ, 4 WK, WOAI, KEX, 3YR, KPOI, 2KY, CKWX, & KIOE. QSLed are KHVH and 1ZN/ZE.

David Riquish Christchurch has been listning thru ti stateside' blizzards but nothing spectacular to date. Reports are away to 1XC,4ZJ,KRIO,KTNQ,KEYS,KYOS,KBBQ XEGM,XEBBC,WSZD, while a QSL from KEYS in 10 days with a T-shirt makes the hobby more worthwhile. C U T Y?

Robin Chambers Opunake fresh from Matata with Bill Woller and Sam Dellitt from across the Tasman, reports the erection of four beverages with one specially for 4ZJ which gave marginal reception during daytime. Reports are way out toJOWF,2CN,2CC, 4ZJ,KVEN,XEGM,HLCO,KWIL,KDWN,KAYK,KTAR, WIBW & KLIF. One verie back from 1ZU. Tnx

Duncan Watson Edgecumbe has QSLed these, Fiji 890, 3CV, KPOI 1380, with reports out to 2FC, R Sam, KDAY, KFAX, KSL, WCAU.

BROADCAST MAILBAG

Leigh Morris Palmerston North missed with last month's notes also but had loggings of KIKI, KGIL, KOA, KTRH, KOHO, KTNQ, KVRN?, KNEW, VSZ-1, R SAM, and 2XN. One loner back from KGIL. Tnx Leigh.

Paul Rawdon had a lone veri from Kuwait 1345 that missed last month too.

Harry Weatherley Melbourne through a mix up here also has QSL'S in from Kuwait 1345, KEX, Diego Garcia 1475, WREN, KFVY, Israel 737, Port Moresby 1250, CFAX, KFRE, KMWX, KTRAR, CJVB, S. Arabia 587, CHWK, KTCY, KBDF, CFGP, and KRMG. Sorry we missed these Harry.

BEST OF THE MONTH

Senior

Sutton Burtenshaw
HJPM Santa Marta Colombia
1450kHz, 5,000watts, 141pts.

Junior

Philip Brooks
KVEN Ventura California
1450kHz, 250watts, 136pts.

C P C Tests via NRC DX News

Sun., Feb., 19; KYME 740kHz Boise Idaho from 08.00 GMT. Extention of regular check. (for NRC)
Mon., Feb., 20; KOMW 680kHz Omak Wash., 07.00-08.00 GMT (for GWDXA) Reports to; Jerry Robinson, CE, KOMW, Box 151, Omak, Wash., 98841
Mon., Feb., 20; KBZY 1490kHz Salem Oregon from 08.00-09.00 GMT.(GWDXA) Reports to Edwin L. Olmstead, CE, KBZY, Box 14900, Salem, Oregon 97309
Mon., Feb., 20; WPUT 1510kHz Brewster N.Y., 09.00-10.00 GMT. (NRC) send reports to Chris Lucas, DX Dir., WPUT, Brewster, N.Y., 10509.
Mon., Mar., 6; KROW 1460kHz Dallas Oregon. 07.30-0830 GMT (NRC) Reports to Edwin L. Olmstead, CE/GM, KROW Radio, Box 229, Dallas Oregon 97338.

EVENING TRAIL

550 K TSA	0710 13/1	MDX
Cuban	//600 0745 14/1	MDX
590 KGMB	"K-59" mxd others	Many
600 KOGO	0906 10/1	MDX
CMKV	0930 10/1	"

5 Ernie Moore Everton Park Queensland after listing at Coolum with Chris, Harry, Sam, Sebastian de Jong de Silva and Merv Joyce has reports away to KLAC, KRMG, XEROK, WLS, KOMO, KTWO, CFGP, KPAY, CFAX, KIIS, WOAI, KYAC, KOMY, KGER, KUHL, KVON, KMWX, KRNR, KUMU, KGAR, KBBQ, KLIV, KBBX, and KCRG. Two QSL's have arrived so far from KGER & KCRG. The postie will make further calls Ernie. CUTY

Trail continued..

620 KTAR	0730-0710	MDX
650 WSM	0702	"
680 KNBR	0832	"
690 CBU	0700 orchestral 13/1	"
700 WLW	0705 13/1	"
720 WGN	Nx & Wx 0803 mxd T/T 11/1	"
KDWN	Mxd 0750 12/1	"
740 KTRH	0930 13/1	"
750 WSB	0840 13/1	"
770 KOB	mxd JJ 0815	Many
780 WBBM	0805 11/1	MDX
790 KKON	0802 10/1	"
KABC	Talkback	"
WTAR	Y/L on top at times	"
KWIL	Rel mxd off 0759 10/1	"
803 Hanoi	fair 1104 to past 1300	PO
820 WBAP	0705 11/1	MDX
840 WHAS	0627 11/1	"
844 VSZ-1	0935 9/1	LM/MDX
870 WWL	"Radio 87" s/off 0958	LM
JOGB	0935 9/1	MDX
880 KRVN	Nx 1130	LM
890 WLS	0655 13/1	MDX
892 Fiji	Indian prg 0935 9/1	"
900 CJVI	0750 9/1	"
910 KJJJ	0730	BW
KNEW	0830 Nx	LM
KRIO	0632	DR/BW
940 KFRE	0815 13/1	MDX
950 XEGM	Regular	DR/MDX
960 KAYK	mxd KOOL 0635 10/1	MDX
971 Indonesian	fair 0935 9/1	"
990 XET	1010 11/1	Tiwai/MDX
1020 KTNQ	"Ten-Q" idents	LM/SF
1030 KTWO	0645 13/1	MDX
1040 WHO	0645 13/1	"
KPOI	1125	SF
1050 XEG	Mxd Samoan 0818 13/1	MDX
1052 RRI	1145. Id as "Jayapura"	LM
1055 La Voz del Centro	1015 11/1	MDX
Mersing Malaysia	1100	LM
1080 KRLD	exc 13/1	Many
1090 KING	0830	TOK/Tiwai
XEPRS	0800	Tiwai
1100 KFAX	0645 12/1	MDX
WWWE	mxd KFAX	BW
1110 KFAB	mxd KRLA mxd SS	Many

Evening Trail continued..

1120	KPNW	0635	10/1	MDX
1130	KWKH	0655	13/1	MDX
	JOQR	1115	JJ	LM
	CKWX	Midnite		SF
1140	KRAK	0800	over 2YM	PO/TOK
1150	XEJP	Thru NZer	0715 14/1	MDX
1160	KSL	0900		TOK
1165	Lighthouse	1015	11/1	MDX
1170	KOHO	Dom.	0815 11/1	LM/MDX
	KVOO	0730		Tiwai/TOK
	KLOK	1010		" /DR
1180	VOA	Marathon SS	up to 1200	PO
1190	KLIF	Dom.	0755 13/1	MDX
	KEX	0730		SF/TOK
1200	WOAI	0655	13/1	SF/MDX
1210	WCAU	0650	13/1	MDX
1259.8	New	Caledonia	back here 24/1	BC
1260	KGIL	0708	14/1	MDX/TOK
1265	Paradise	0900	s/on	Many
1270	WSPR	mx	KFJZ 0819	DR
1300	KYNO	0725	14/1	MDX
	WSZC	0850	Local dialect	LM
1360	KGB	0750	9/1	MDX
1380	JOHF	0835	9/1	"
	XECO	"R Eco"	0735	"
	WLCY	0758		"
1385	WXLE	0805		BC
1390	KCEY	0904 &	0730	MDX/TOK
1423	DZDL	EE	pops 1130	PO
1430	Unident	Strong T/T	0829-30 10/1	MDX
	KALI	Exc	0902	DR/ "
	KELI	SS & EE	from 0815	Many
	KARM	Nx	0745	DR
	Unident	SS	often very good	DR
	KOSI	0730	poor Ident	DR
1440	JOWF	0902	10/1	MDX
	XEAI	0807		Many
	KPRO	0815		Tiwai
	KUHL	0820		Many
	KEYS	"1440 Keys"	0905 5/1	DR
1450	Unident	JJ Fair	0845 31/12	MDX
	WSZD	from	0830	Many
	KTIP	"K-Tip"	Nx & Wx 0830	PO
	KEED	Fair	0700	DR
	KVEN	MBC	prg 0833 5/2	PE/MDX
	KAYC	0805		Tiwai
	HLCO	"K C S"	Idents 0900	MDX
1460	KSO	0725	11/1	"
	Unident	C&W Mx	thru 3YW 0810	DR
	"	Good Mx	thru 3YW 0810	DR
1470	XESM	0740		MDX
	XEBBC	Ident & s/off	0810	DR/Tiwai
1480	KYOS	over	Hauraki 0800	DR
1500	KUMU	0745	regular	"
1530	KFBK	clockwork		Many
	WCKY	often		Many
1540	KPOL	mx	KXEL 0730	TOK
1550	KGAR	often &	good	DR/MDX

1570	CKLM	FF fair	0715 10/1	MDX
	CHUB	mx	XERF	Many
	VL2NI	0830	Mon+Thurs	BC
1580	KDAY	often		Many
	HJKF	apparent	s/on 0900	BC
1590	KLIV	mx	KBBQ from 0815	Many
1594	Lisbon	0745		TOK/BW
1600	KASH	0813	10/1	MDX
	KLAK	0815	10/1	"
	KATZ	0845		Tiwai
	KCRG	0820-0908		MDX/ "
		"K-16"	without antenna	SB

MORNING TRAIL

615	cc	inter sig,	"Govorit Peking"-	
		RR	prg 1605	MDX
1080	KIOE	"K-108"	1300	SF
1130	CKWX	Midnite		SF
1190	KEX	1250	often	SF
1570	HLDA	1621-1700		PE
1575	Sharjah	AA	1649-1743	PE

Thanks to contributors; MDX (Bill Woller Robin Chambers Sam Dellitt at Matatta) TOK (Tong King at Tokoroa) Tiwai (Ray Crawford, Sutton Burtenshaw at Tiwai) Many (Three or more contributors) and individual members Paul Ormandy, Leigh Morris, Bill Woller, David Ricquish, Stuart Forsyth, Bryan Clark, Paul Edwards and Sutton Burtenshaw.

Further N.Z. News

Radio N address for reports; Technical Engineer, Radio 2 XN, 8 McDonald Street, Taita, Lower Hutt. BC

Radio Sunshine are to lodge a application for a permanent station in Balclutha. Also in the pipeline are plans for a month-long temporary licence in May of the year. AC/BC

Mini Stations proposed by RNZ for Ashburton & Oamaru will broadcast local progs between 6 and 9am. The two stations provisionally named Radio Ashburton and Radio Waitaki could then move to further local programming between midday & 2pm. Evening Post/BC

12B Auckland to move to 1080 1/4 Tune In

Australian Scene

750 ZBE translator delayed till Feb., 1030 6MW New Comm Port Hedland now on. 710 2CT not expected on before March

CAN-AM REPORT

7

NEW STATION APPLICATIONS:

790 AR Rogers D1 500/
 1010 CA Palm Springs U1 1000/250
 1140 WY Greybull D1 5000/
 1400 CA Indio U1 1000/250
 1450 AL Daleville U1 250/250
 1560 VA South Boston D1 2500/

CALL LETTER APPLICATIONS:

860 WSTH-NC seeks WQXZ
 1190 WPUP-MS " WXGR
 1240 WRNC-NC " WPJL
 1250 KALO-AR " KLAZ
 1280 KNIT-TX " KEAN
 1310 WNIC-MI " WWKR
 1340 WRIT-WI " WBCS
 1480 WBLU-VA " WUEZ
 1490 VA Farnville CP seeks WPAK
 1510 KSOM-CA seeks KNSE
 1510 KNAM-TX " KMND
 1530 TX Hemphill CP seeks KAWS
 1560 WVAK-IN seeks WUME
 1600 WHBT-TN " WJZA

CALL CHANGES:

780 WABS-VA ex WAVA
 1090 WMFL-FL ex WTBJ
 1140 KATT-OK ex KLPR
 1230 KPSSA-NM ex KALG
 1230 KHSN-OR ex KOOS
 1240 KXYL-TX ex KEAN
 1270 WKSJ-AL ex WXLK
 1280 KFRN-TX ex KFOX
 1300 KMOD-FL ex WRKT
 1380 WRAQ-NC ex WKKE
 1410 WHYQ-MS ex WBKN
 1430 WQVQ-IL ex WVVX
 1430 WJRB-TN ex WENO
 1440 WRBA-IL ex WAKC
 1440 WFTQ-MA ex WNCR
 1450 KFLT-AZ ex KOPO
 1470 WRBD-GA Warner-Robins CP
 1480 KQLA-WA Lakewood CP
 1530 KXXV-CO ex KRYT
 1540 WMLM-MI St Louis CP
 1540 WKIE-VA ex WRGM
 1550 KHBj-TX ex KCAN
 1570 WFBZ-WI Minocqua CP
 1590 WYIG-MS ex WWUN
 1590 WDNH-PA ex WAEN

NOW ON THE AIR:

850 CFVR-BC ex 1240
 1060 KBGN-ID ex 910
 1240 CKGO-BC ex 1490
 1290 CFRW-MB ex 1470

CONSTRUCTION PERMIT APPLICATIONS:

560 KFSO-CA CP: U2 5000/5000
 710 WEPA-MS CP: D1 2500/
 710 WQBx-VA CP: D3 10000/
 800 KVAL-NM CP: D3 2500/
 940 WESA-PA CP: D3 1000/
 1080 WKGX-NC CP: U1 5000/250
 1090 WKSP-SC CP: D1 1000/
 1090 WISS-WI CP: D3 500/
 1150 KIIS-CA CP: U2 5000/5000
 1190 KRDS-AZ CP: U4 5000/250
 1230 KGHS-MW CP: U1 500/250
 1300 KHAC-AZ CP: D1 10000/CH:2500 on 1110
 1370 WTKY-KY CP: D1 2500/
 1430 WYMC-KY CP: U2 1000/1000
 1510 KSTV-TX CP: D1 500/
 1510 WVAP-SC CP: D1 500/CH:1000
 1520 KKEE-MN CP: D1 10000/CH10000 w/DA
 1560 KAJN-LA CP: D1 1000/
 1570 WJES-SC CP: D1 1000/ on 1190
 1570 WGSR-GA CP: D1 1000/
 1570 KUXL-MN CP: D1 2500/
 1580 KZIA-NM CP: D1 10000/
 1600 WPDG-PA CP: D1 250/
 *630 KHOW-CO CP: U4 5000/5000

CONSTRUCTION PERMITS GRANTED:

910 WAVL-PA CP: D3 5000/
 960 KALE-WA CP: U2 5000/1000
 1150 WTAW-TX CP: U2 1000/250
 1170 KFNW-ND CP: D3 10000/
 1410 WTIM-IL CP: U4 1000/1000
 1440 WBLA-NC CP: D1 5000/
 1480 WAAN-TN CP: U1 1000/250 on 1400
 1540 WDON-MD CP: D1 5000/

CPs GRANTED FOR NEW STATIONS:

810 AL Jacksonville U4 5000/500
 960 TN LaFollette D3 1000/
 1140 TX Conroe D3 2500
 1220 TN Lewisburg D3 250/
 1540 TN Ashland City D3 250/
 1560 NC Dobson D1 2500/CH:500
 1590 GA Swainsboro D1 2500/

GENERAL CHANGES:

780 WABS-VA ex WAVA now all religion
 Washington Area Bible Station
 1400 WHMP-MA simulcasts FMO500-1100 (GMT)
 "FM-99" is 24hours.
 1400 WLLH-MA is now ANing MMS
 1440 WFTQ-MA ex WNCR format "T40/FM style"
 slogan is 14-Q 24hours

Thanks to NRC for all these changes.

Radio n was the name given to an experimental station which was licenced from 19 December 1977 until 2 January 1978. The station used the callsign of 2XN and operated on the frequency of 1300kHz, broadcasting holiday information and 'beautiful music' for young people in Wainuiomata, a suburb of Wellington.

The transmitter power was 100 watts, but only about 20% of this was radiated due to the lack of height of the antenna. The antenna used was a 20 foot high T, similar to that currently used by 2ZM Wellington. 5 earth radials buried in the ground helped with radiation, as well as stopping RF burns from the transmitting unit.

The carrier travelled some distance, but modulation was difficult for the first week due to RF getting into the modulator, and in the second week a mixer fault prevented 100% copy.

Despite these problems, 2XN was heard in Palmerston North, Carterton, Wanganui and Blenheim, as well as in suburban areas of Wellington. A report was received of reception on a car radio in Hawera. All these reports were for reception during daylight hours.

The hours of broadcasting were: weekdays 8am-11am, then 1pm-8pm. Christmas Day 8am-8pm and New Years Eve 6am through to 1am New Years Day.

The station was operated by the Wellington Broadcasting Association Inc, from their mobile studio, transmitter and antenna site in Wainuiomata. Organiser of the station was 15 year old Wainui College student Rex Widerstrom, who also operated Festival Radio at the college in April 1977. The station technician was 17 year old John Wysocki, a League member, with assistance from 16 year old David Mainwaring, a new League member, who helped in many a rushed repair.

At this stage the group are not sure about any future broadcasts.

JW



The article about XERF in our December issue prompted Alf Tucker of Wanganui to forward a copy of a QSL card dated 27 July 1932. Alf writes "Its great to get back into DXing after a lapse of 46 years and enjoy it very much in my retirement. In 1931 my brother bought a Pilot Wasp American set, powered by a six volt car battery. It was a wonderful set; I only wish I had it today. The aerial was 100ft long and had 4 wires 40ft high. The pity of it all was that when we left home and sold the property, a lot of QSL cards went missing. But a little bit of luck turned up the other day; my brother found some in an old book. They were for 3BO Bendigo, KFVO California, KGO California, G5SW London, JOFK Japan, 3DB Melbourne, W8XAL Ohio, PCJ Holland and quite a few ham cards from 1931/32."

Thanks for writing Alf! Hope the Barlow Wadley is picking them up again!

DEAR FRIEND:-

This card acknowledges your report of reception of Radio Station X.E.R., owned and operated by the Villa Acuña Broadcasting Co. Inc. The entire staff of X.E.R., also Dr. Mrs. Brinkley and Johnny Boy send greetings to their friends in Kansas and everywhere. We want you to know we appreciate your interest in Dr. Mrs. Brinkley and Johnny Boy and this Radio Station.

You are invited to visit the Brinkley Hospitals at Millford, Kans. also come to Del Rio, Tex. and Villa Acuña, Mexico.

Let your next vacation be in Villa Acuña, Mex. The people are friendly and hospitable. There are plenty of lakes with bass, also lots of wild game to be found.

When driving from the west to east or east to west, route yourself through San Antonio and Del Rio west; El Paso, Del Rio and San Antonio east.

FAITHFULLY
VILLA ACUÑA BROADCASTING CO. INC.
 Villa Acuña, Coah., Mexico.
DOCTOR, MRS. J. R. BRINKLEY AND JOHNNY BOY
 Millford, Kansas.

LEAGUE LADDERS

Shortwave

9

Broadcast

DIVISION	DEC	FEB	INC	CNT
GOLD STAR (over 1250)				
Norman Maguire	2994	-	-	76
Arthur Cushen	2254	2260	6	145
Merv Branks	2120	-	-	132
Keith Robinson	2090	-	-	114
GOLD ACE (1001-1250)				
Ray Crawford	1167	1183	16	146
SILVER ACE (751-1000)				
Sutton Pur tenshaw	889	-	-	99
Robin Chambers	876	879	3	110
ACE (501-750)				
Dene Lynneberg	735	743	8	90
Chris Martin	565	-	-	137
David Ricquish	525	526	1	47
SENIOR (301-500)				
Bryan Clark	429	437	8	85
Paul Aronsen	435	-	-	-
Ray Babbage	412	413	1	40
Paul Ormandy	333	344	11	54
INTERMEDIATE (151-300)				
Jim Benzoni	247	-	-	25
John Campbell	248	-	-	76
Alan Gilmour	236	245	9	31
Ian Cattermole	219	223	4	19
John Newman	176	-	-	78
Paul Rawdon	-	170	-	22
Ash Nallawalla	-	167	-	18
Jack Searle	166	167	1	18
John Allchin	161	166	5	20
JUNIOR (51-150)				
Philip Brooks	143	154	13	4
Paul Edwards	126	161	35	45
Andrew White	135	-	-	14
Leigh Morris	111	-	-	25
Stuart Forsyth	79	82	3	5
NOVICE (1-50)				
Steven Greenyer	47	-	-	25
Alex Wellner	22	29	7	7

DIVISION	DEC	FEB	INC	CNT
GOLD STAR (over 1250)				
Arthur Cushen	4452	4472	20	240
Dene Lynneberg	2156	2168	12	192
Barry Williams	2021	2034	13	213
John Mainland	1358	1376	18	187
Ray Crawford	1334	1337	3	154
GOLD ACE (1001 - 1250)				
Ray Babbage	1248	1253	5	121
John Durham	1152	1165	13	143
Bryan Clark	1149	1160	11	180
Bill Huddleston	1103	1135	32	130
SILVER ACE (751-1000)				
Jack Searle	847	856	9	114
ACE (501-750)				
Paul Ormandy	610	645	35	139
John Campbell	606	-	-	200
Paul Aronsen	597	-	-	-
Austin Hadler	529	-	-	81
SENIOR (301-500)				
Peter Greener	459	489	30	100
Ian Cattermole	434	501	67	89
Jim Benzoni	486	-	-	80
Alan Gilmour	444	446	2	90
Brent Allred	438	-	-	54
Paul Rawdon	-	365	-	121
Steven Greenyer	354	-	-	127
Cecil Symmes	334	-	-	78
INTERMEDIATE (151-300)				
Paul Edwards	317	327	10	147
Steven Clearwater	279	-	-	111
Gavin Waters	258	-	-	47
Jack Farrow	240	243	3	48
John Newman	233	-	-	-
Alex Wellner	162	176	14	84
JUNIOR (51 -150)				
Leigh Morris	137	-	-	69
Ian Wells	134	-	-	60
Bill Jelly	106	125	19	32
Ian Hitchner	83	88	5	36
Peter Mott	84	-	-	36
Tim Mc Sweeny	58	63	5	29
Ash Nallawalla	-	64	-	36

John Newman please correct me if your countries total is incorrect.

Would all members remember to write their ladder entries clearly and list if BC or SW. Some people do not and it makes it difficult for your Editor.

Omitted from BC list: Hank Wilkinson - 399 QSLs from 71 countries. Addition to SW list - Gavin Waters - 291 QSLs from 51 countries. Welcome Gavin!

CONVENTION

Late applications for Tiwai, 24-27th March, should be airmailed to Box 1326, Invercargill. On a clear day, you can see South America from Tiwai, hi!

NOVICE (1-51)

John Allchin	48	57	9	37
Craig Strathern	45	-	-	-
Graeme Shepherd	35	-	-	-
John Wysocki	27	-	-	16
Norm Maguire	30	-	-	20
Stuart Forsyth	24	29	5	16

Sincere apologies to Jack Searle, you were forgotten from the list when I prepared the six monthly lists. You were indeed the winner of the Silver Ace section, and are in fact the only entrant at present. 10 veries are required for an increase to win any section.

Ray Babbage.



Trans World Radio

Trans World Radio
KTWR - P.O. Box CC
Agana, Guam 96910

TWR Guam's tentative frequency sked 5/3/78 to 3/5/78: Transmitter One - 15115kHz 0800-1100; 15145 or 15195 1100-1500, 17855 2200-0130hrs GMT. Transmitter 2 - 17855 0800-0900, 15155 0900-1100, 11730 1100-1500, 15155 2100-2400, 17830 0000-0100. **BC**

PUBLICATIONS RECEIVED

From Asia's premier DX club, the Union of Asian DXers, comes their 1977 Tropical Band Survey, compiled between September & December last year. There are 7 foolscap pages of top DX info, covering all frequencies between 2290 and 5095 kHz. With the longer nights approaching, and improved reception on the lower frequencies, this is a valuable guide to the DX to be heard in the months to come. Members can obtain a copy by sending 5 IRCs to Union of Asian DXers, c/- Victor Goonetilleke, 32/4a Malwatte Rd, Dehiwala, Sri Lanka. For just one extra IRC, that's 6 in all, they'll send along a copy of the UADX bulletin too. They've just published their 50th edition, so have truly established their place as a leading DX group. **BC**

In North America you can't go far in the DX/SWL hobby without striking the name of Glenn Hauser. You can hear him on Radio Nederland and Radio Canada, and read him in NASWA's FRENDX magazine (12 pages plus, monthly). Now he's brought a new dimension to the hobby - the Review of International Broadcasting, a stimulating monthly with the primary purpose of providing an open forum for discussion of Shortwave programming, and other topics related to the hobby. The 36 page 1/78 issue contains a wealth of comment from both listeners and broadcasters, eg Dick Speekman explains why he plays music on "DX Jukebox", a blow-by-blow report on the threatened closure of AFRTS SW, answers to criticism of HCJB's "DX Partyline", and comments from the first American to set up his own terminal to receive TV satellite transmissions (only \$13,000!).

CONTINENTS LISTING 10

Twice a year, in March and September, we run this feature, in which members contribute their QSL totals, broken down into continental totals. Divisions generally follow those in the League Country List. Your totals should be split into: Australia/NZ, Pacific, South America, Central America, North America, Europe, Africa, Asia, followed by total countries and total QSLs. If you're lucky enough to have verified AFAN Antarctica, put an asterisk beside your Pacific tally - we haven't given them a continental listing of their own yet, hi! Finally, sort out your favoured QSL for a nominated continent - this time it's South America. See September 1977 Times for layout. **BC**

CONTEST Ace American DXer Jim Young is organising a worldwide monitoring and contest of the 120, 90, 75 and 60 metre tropical bands from 0001 GMT 11 February to 2359 GMT 13 March 1978. Participation may be as a contestant or as a monitor. Full info is available from "Contest", c/- P.O. Box 2956, Wellington. Simply send a self-addressed and stamped envelope.

Glenn Hauser's RIB is certainly an exciting publication, which should appeal to those SWLs who are 'programme-oriented' as opposed to 'QSL-collectors'. Sample copies are available for 7 IRCs or US \$1.35 airmail, from Glenn Hauser, WUOT, University of Tennessee, 245 C & E Bldg, Knoxville, TN 37916, USA. Subscription for 12 issues of RIB is US\$9 surface or US\$15 airmail, outside the USA.

FROM HEADQUARTERS

- + Mr G. "Charlie" Chester has been confirmed as National Secretary, replacing Ray Crawford. Mr Greenyer has accepted the position of National Treasurer.
- + Mr T. Sutton of North Otago Branch has been appointed to take over Stationery Administration and Supply. 4 applications for the position were received. Until advised through the Times, orders for stationery should continue to be directed to Box 1313, Invercargill.
- + A programme of attainment in Shortwave Listening for the Duke of Edinburgh Award Scheme has been submitted.
- + A report was received from the Junior Section of North Otago Branch. This will be published in the Times shortly.

МОСКОВСКОЕ РАДИО 11

Radio Moscow over recent years had a policy of entering only the date, time and frequency on their QSL cards. Naturally after verifying a few frequencies there is no great interest in gathering more of their innumerable outlets that they broadcast on. However over recent months it appears that they have changed their verification policy and they are now also entering their transmitter sites on the cards. This immediately gives the serious DXer a new interest and the opportunity to verify some of the Soviet Republics they may still require.

In a letter from Radio Moscow, they say they will only verify reports written in the language of the transmission heard. Therefore it is doubtful whether a verification will be received for a report of say; their Swahili transmission, unless the reception report is written in Swahili. This still leaves plenty of scope with their English transmissions for Australasia, South East Asia, Africa, Great Britain and East and West Coasts of North America. Radio Moscow will readily supply program schedules for these broadcasts upon request. Unfortunately not all list frequencies, some give only metre bands. This is because they do alter frequencies regularly, occasionally without warning. On some transmissions they do announce frequencies at commencement and sign off and this is a great help. Normally however it is only with careful tuning of the bands that one will pick up their broadcasts.

One of the interesting aspects with reporting Radio Moscow is that one is never sure what transmitter location you have heard as there are often several transmitter locations through the USSR using the same frequency at one time or another. So until the QSL comes back it is never definite as what station you have verified.

A start would be Radio Moscovs transmissions to Australia and New Zealand. These can be heard at 0800 - 0900 and repeated again at 0900 - 1000 GMT. The following frequencies are currently in use;

15130	Petropavlovsk	15385	Chita
11690	Khabarovsk	11940	Krasnovarsk
9780	Chita		

These frequencies and probably locations are current till March 4th. The next easiest transmission to hear in NZ is the South and South East Asia broadcasts at 1000 GMT. The African, Great Britain and North American transmissions are more difficult to hear. Usually a frequency is picked up after carefully tuning. Just because it is Radio Moscow does not mean that it can always be easily heard. Because of propagation, location and frequency they can be very difficult loggings. Just at present the African and Great Britain transmissions are tending to use the lower bands of 41 and 49 metres and it is doubtful whether much will be heard till the winter months.

Very generally speaking, it appears that the Australasian transmissions are transmitted from Soviet Far East sites. The African and Asian transmissions from Central Soviet sites and the North American and British transmissions from Western Soviet locations. This is the pattern emerging from the veries received so far.

For those after new countries keep a check for English transmissions on the following frequencies.

Kazakh SSR, 17850 khz Alma Ata	Latvian SSR, 15220 khz Riga
Tadzhik SSR, 15220 khz Dushanbe	Georgian SSR, 7280 khz Tbilisi

These are a few I have come across so far but there are many more and you may find them before I do. If so please let other DXers know through the "TIMES". All reports are addressed to Radio Moscow and I normally address them for the attention of the particular Service. Radio Moscow does appreciate comment regarding programs and they will always acknowledge correspondence.

There are 16 Soviet Republics so here is the opportunity to build that country total up.

Good DXing.

Harry Williams

"On December 10th last, my wife Elizabeth and I winged our way over the Tasman to Sydney. On our arrival at Kingsford Smith Airport, we picked up our rental car, which was to be our means of getting around South Eastern Australia. On the day after our arrival in Sydney, we experienced a most enjoyable reunion with League members Jack Buckley and Chris Martin, at Chris' home in Harbord on Sydney's North Shore. We took the opportunity to hear tapes made at Coolum Queensland on a recent DXpedition. I don't think Chris had logged so many 'Yanks' in one place before. Well Chris, do you think the Latins will come in at Coolum as they do at Tiwai? hi!

Thursday 15th, we drove to the site of Radio Australia's main transmitter complex, 6 miles north of the City of Shepparton, where I was taken on a conducted tour of the main Control Room and Transmitter Hall. In the Hall I saw two 100kw transmitters uncrated. They were originally destined to go to Cox Peninsula, Darwin, but Cyclone Tracy put paid to that. After some building alterations are effected, the transmitters will be operational about mid-year. The new transmitters are certainly much smaller than their predecessors currently in use at Shepparton.

During our stay in Australia, I did spot checks for Radio New Zealand on their Australian Service on 11820kHz each night. I am pleased to say that Titahi Bay put a very good signal into the various towns and cities we stayed in. Of all the places we stayed and where I managed to do any DX, I found that Mt Gambier was about the best location for DX.

During our stay in Melbourne, we contacted members Harry Weatherley and Dick Whittington, and on December 22nd there was a gathering at Harry's Mt Waverley home - a very pleasant occasion indeed. If you get too close to the pet Galah, watch your fingers! On Boxing Day we were the guests of Keith & Gwen Glover at their North Balwyn home. When we arrived, one of RA's announcers Brian Bogle, and his wife Maureen, were there to meet us. As it turned out, Brian and yours truly went to the same school! Later in the week we went to Broadcast House and saw the 'Cottage' where Radio Australia started their services. Keith told us that it is still used as a standby studio, and it is said that it's equipment does not break down as often as the more modern equipment in the rest of the buildings does. During our tour of the ABC we met Dick Paterson and Barry Seeber, who used to do the breakfast programme to Asia & the Pacific Islands. Now they present a similar programme at 1100 GMT. We also met the alternate presenter of 'Club Forum', Warren Moulton. The night before we left Melbourne there was another gathering, this time at the home of Dick and Noel Whittington in Blackburn. During the evening, Dick, who also dabbles in CB, showed us how cluttered the channels are in Aussie, hi!

We must sincerely thank Harry & Maroline Weatherley, Dick & Noel Whittington, Chris Martin, Jack Buckley, and last, but by no means least, Keith & Gwen Glover, for your kindness and hospitality to us during our stay in Australia."

SWEDEN CALLING DX-ERS

SCDX JUBILEE CONTEST 1978

The first English edition of "Sweden Calling DXers" was broadcast on 28 February 1948. The 30th anniversary will be celebrated in the same way as the 25th anniversary, ie with a big worldwide Jubilee Contest open to every shortwave listener in the world who understands the English language. And, at the same time, promoting all DX-programmes around the shortwave bands.

No special application is required, just tune in to as many DX-programmes in English as possible during the week 27 February - 5 March 1978. The winner will be the listener who has logged the greatest number of DX-programmes and noted the greatest number of items in these programmes. Just send a list of headlines, but no tapes or cassettes. The logs should be sent in under the address - Jubilee Contest, Radio Sweden, S-105 10, Stockholm, Sweden, post-marked not later than 6 March 1978. You have to find out yourself what DX-programmes are on during contest week, but SCDXers will have some info. (See p.20)

**SW
QSL**

**RADIO
JAPAN**



To open the mailbag this month a big thank you to all the members who sent in their QSL news ensuring a full and varied mailbag so without further ado lets get straight into it. 13

ANTARCTICA: AFAN Antarctica, 6012 kHz 1 Kw. Black and white card received after 8 months for an English report with no RP. (P. Huddleston)

ARGENTINA: Radio Nacional, Buenos Aires, LRA31 6060 kHz. Blue and white SS and SS letter, two tourist brochures, 3 beautiful postcards & detailed program schedule, all in 5 months for SS report from verie signer Dora de los Santos, "Encargada Promocion". (P. Ormandy)

BRAZIL: Radio Relogio Federal, Rio de Janeiro 4906 kHz Black & white card with mod style writing and attractive floral border with EE and PP details. Received in 6 months for registered PP report with some stamps. (P. Ormandy) Radio Gaucha, 11915 kHz. 50th anniversary QSL Card in brown and white. Received in 2 months for PP report sent registered with a place mat. (P. Ormandy.)

CAMEROON: Radio Garoua, 5010 kHz. Sent FF form letter for English report sent registered with two IRC's, and stamps. Received in 3 months (P. Ormandy)

ECUADOR: Emisoras Gran Colombia, Quito. HCMJ1 4910

kHz. Verie letter in SS with attractive pennant for airmail report in SS, with mint stamps & photo of sender at receiver. Received in 50 days from Gerente, Eduardo Cevallos C. (J. Searle)

ETHIOPIA: Radio Voice of Revolutionary Ethiopia/Radio Ethiopia. 6015 kHz & 9610 kHz respectively. Nice letter QSL from Yohannes Raphael who sent the informatior that "RVORE" and "EBS" have merged under the title of "RVORE". He also asks for reports on the Foreign Service. Received in 2 months for English report and 2 IRC's. (P. Ormandy. Very nice one Paul. It didn't answer my report. Ed.)

INDONESIA: Irian Jaya. RRI Sorong 4872 kHz. Black and white card with full details in English and also noting that they are now on 4875 kHz. Received in 15 months for EE report. (B. Huddleston).

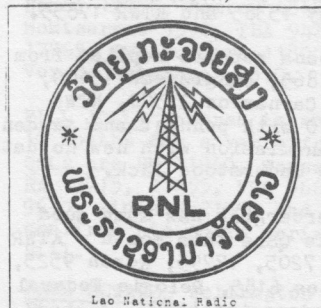
Timor. RRI Kupang 3550 kHz. Indonesian verie letter received in 17 days from v/s Harry A. Silalahi for an airmailed registered report with 2 IRC's. (P. Ormandy)

IRAN: National Iranian Radio & TV, Tehran 9022 kHz. QSL showing Kerman TV Studio in 2 months for EE report with no RP. (S. Clearwater)

JAPAN: Radio Japan. (Frequency?) colourful QSL Card with time exposure photo of fireworks at Lake Ashinoko in 16 days for EE report & no RP. (S. Forsyth)

LAOS: Ventienne, 4650 kHz. Verie letter received in 33 days for EE rpt with 1 IRC on Lao transmission. Verie signer: Chaleun Vongsam-Ang, Director General of National Radio of Laos. (T. Cattermole. Good work Ian. Ed.)

MALDIVES: Radio Maldives 4740 kHz. 30 Kw. Postcard sized piece of Aerogram paper with coastal view and coat of arms on one side and full verie details with program times, frequencies and powers on the reverse. V/s D.M. Allin? (hard to read), Director. Received in 3 months for EE report with one IRC. (B. Huddleston)



Lao National Radio

SWEDEN: STA Varberg 100 Kw with SSR relay of Radio Sweden's Home Ser. 21590 kHz. Attractive great circle QSL Card for 30 Kw experimental Hoerly Tx amended to show new site & power. In 3 weeks for taped rpt. IRC's returned. Valued QSL as time of reception (1745 GMT) extremely unusual. (B. Clark.)

URUGUAY: SODRE 15273 kHz. League's attractive multi-coloured prepared card signed by Jaime Bravo, Director de Radiodifusion. Received in 5 weeks for SS report on 3 days reception, with self addressed & stamped envelope. PPC acceptable after 3 unsuccessful attempts to verify Uruguay. An extremely rare verifier. (B. Clark. An excellent catch Bryan.)

SWAZILAND: Radio SR, 4980 kHz. Postcard verie featuring natives in folk dress. Received in 4 months for EE rpt & 2 IRC's from v/s Bill Cookson Chief Engineer. (P. Ormandy)

That's it once again. My thanks this time go to: Ian Cattermole, Blenheim; Bryan Clark, Wellington; Steve Clearwater; Stuart Forsyth; Bill Huddleston, Auckland; Paul Ormandy, Oamaru; and Jack Searle, Haumoana. Until the April issue 73's Dept. Lw. chery. Soc. Ed.



NATIONAL IRANIAN RADIO & TELEVISION

"THE VOICE OF IRAN"
Verification of Reception Report

QSL No. (please stamp),
This station has received your report dated (M.D.Y.) of (City) (Country)
on (Date) at (Time) (M.D.Y.) (M.D.Y.) (M.D.Y.)
The report was received at (City) (Country) (M.D.Y.)
The report was received at (City) (Country) (M.D.Y.)



Shortwave Mailbag

SW EDITORS: Barry Williams,
John Allchin,
Mark Nicholls
AUCKLAND

14

A bumper Mailbag has been received this month, no doubt the result of some good active listening by members during the holiday period. Highlights include veries from Garoua in the Cameroons on 5010 kHz, Radio Buea 3970 kHz, San'a 9780 kHz, a rare verie from Burma, another from Swaziland Radio 3223 kHz, Galapagos 4810 plus welcomed replies from the Voice of Vietnam after quite a wait. Now a look at this month's QSLs:

ALEX WELLNER begins Mailbag with two reports out and veries in from Austria 17710, Finland 21495, RN Talata 15220 and Bangladesh 15220. Alex is from Sydney.

DAVID MUNN Hamilton has been busy with 49 reports out and QSLs back from NHK 17880, Sweden 9745, KGEI 5980, VLQ9 9660, RA 17870, 17830, Vatican 11740, RN Bonaire 9715, DW 17715, VQ05 5020, KTRW 15115, 9640 and FEBC 11765.

JACK FARROW Lower Hutt has seven reports in the mail and replies from RA 9600, 11705 and 15240.

ARTHUR KINDELL has sent four out but is still awaiting replies. Shouldn't be too long Arthur!

JOHN ALLCHIN Auckland just returned from a successful DXpedition has veries back from Budapest 15160, Vatican 21485, RN Malagasy 15220, RM Khabarovsk 11690, KSA 21535, Copenhagen 15165, Singapore 5010, Finland 21495 and Vietnam after 10 mths on 10040.

DENE LYNNEBERG Titahi Bay has 14 away and QSLs in from Riyadh 6130, Veritas 11955, RM Vinnitsa 17885, KTRW 11780, 15115, 15175, 17855 Finland 21495, DZF8 15450, Malta Calling 5990 and a good one from Swazi Radio 3223.

BRIAN WITHERS Christchurch is off to Europe in March and is looking forward to experiencing DX conditions during his travels. Meanwhile veries have been received from Benin 4870, DW 3995, Yaounde 4925, Nigeria 4990, DW Montserrat 9590 and Radio Garoua 5010. Excellent Brian and all the best on your trip. Let us know of your DX activities too!

PETER GREENER Auckland has real quality with QSLs from Haiti 11835, DW Rwanda 7225 after 18 months, Mauritania 4845, KTRW 15155, 15115 Radio Buea 3970, Tanzania 5050, Cook Islands 9695, 5045, Vietnam 15012 and AIR 17387. Excellent Peter!

STUART FORSYTH Auckland has sent four out this month and veries in from KTRW 17755, Finland 21490 and Sweden 9605. Thanks Stuart.

ALAN GILMOUR Greymouth has sent just one away and two in from Lagos 7275 and CP92 6035.

PAUL RAWDON Eastbourne has 15 out and a loner from UN 11960. Should be more next time Paul.

BILL HUDDLESTON Auckland has 25 reports out and a large collection of veries from KTRW 15155, Bangladesh 21685, 15400, 17890, KTRW 17830, Kuwait 11825, RA Shepparton 21455, 17725 BBC Antigua 15420, NHK 17825, RN Bonaire 17810, 21640 Seoul 11860 with pennant RSA 15155 and Veritas 11955.

BARRY WILLIAMS Auckland has a verie from Tanzania 6105 plus the usual list of Russians Riazan 9720, Khabarovsk 11690, Riga 15220, Krasnoyarsk 11940, Moscow 15360, 21575 Serpukhov 17730, 17900, 11705 Ryazan 15140, Omsk 15150 and Tbilisi 7290.

TIM MCSWEENEY Queensland shortly moving to Townsville has veries in from FEBC 21515, KTRW 11780, Red Cross 7210, AIR 11775 after 13 months, HCJB 6160 and Vietnam 10040 after 10 months with pennant. Good luck at new location.

IAN HITCHINER Auckland has found time to send 18 away and has QSLs back from SBC 6165, RSA 15155 with pennant, RN Bonaire 17810, RN Malagasy 15385 and KTRW 17855.

JACK SEARLE Haumoana reports replies from AIR 15125, RCI 11865, Bangladesh 15400, Kuwait 12085, RA Carnarvon 21570, KTRW 15155, Hanoi 15010 with pennant and Sweden 21555 for SSB transmission with new no data QSL. Your message understood Jack.

RAY CRAWFORD Invercargill has some good Latins amongst his QSLs this month - KTRW 11780, NHK 6030, 7205, 17795, Korea 9525, 11860, Bandierantes 6185, Relogio Federal 4905 and Radio Federacion 4960.

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IAN CATERMOLE Blenheim has the largest list this month with QSLs back from VOA 15410, monrovia 15445, Philippines 15155, Tangier 5965, Helsinki 21490, SBC 15350 Bangladesh 15400, IBA 15505, Nacional Colombia 15355, Sweden 17845, RNE 9695, RA 15240, 11725, 11720, 15320, 15205, 15180, 21570, Lagos 7275, vatican 11740, FEBC 21515, KTWR 17830, 15175, Lisbon 11935, Turkey 9515, RN Bonaire 9590 and AIR 6145. Great effort there Ian.

ARTHUR CUSHEN Invercargill has verified Sweden 21555, KTWR 17830, 15175, Spain 9520, Kuwait 12085, KTWR 17855, and Madrid 11740.

PAUL ORMANDY Oamaru has also a large list with replies in from ORU 21475, RA 21455, 21570, Sweden 21555, KTWR 9640, 9670, 11705, 15155, 15115, 17830, 17855, Vatican 21485, RN Bonaire 21640, Upper Volta 4815 Lisbon 21700, 21735, Kuwait 21605, Norway 21730, Finland 21495, RRI Ambon 4845, RN Malagasy 21640, 11735, Laos 7145 for ctry 139, and a good one from San'a 9780. Message understood ! 20 logged too.

CECIL SYMMES Wellington has two in from Radio Nacional Colombia 15335, and Tashkent 6025. Tashkent offer a pennant for 10 correct and detailed reports according to a QSL received by Cecil. They also announce 9600, 9540, 6025 and 5975 in their Winter Schedule to Mid May but announce no times for EE broadcasts. Thanks for info Cecil.

JOHN MAINLAND Wellington reports QSLs from RBI 9770, Vienna 17815, 17710, KTWR 15175, RN Malagasy 11735, Radio Nacional Colombia 11792, Hanoi 12035, Dacca 15402, Seoul 9650, Bucharest 15335, Kuwait 9650 and WYFR Florida 11885. Thanks John.

JOHN DURHAM Meremere advises veries of KTWR 15115, 11705, Finland 21495, Turkey 7175, Hanoi 12035, Bombay 4840, Sofia 7100, DW Montserrat 9590, IBA 9425, Kabul 15365, P&P 17765, TWR Bonaire 11800 and a beauty from Voz de Galapagos 4810.

BILL JOLLY Kawerau is another who has waited 10 months for a verie from Hanoi 12035. Other QSLs are RM 11940, Warsaw 9675, MN Lopik 9770, RA 17715, 21455, VLQ 9660, RNZ 17710, RTVE 9630, rlnland 21490 and NHK 15270. Bill also confirms his Sofia verie for 9707. Thanks Bill.

PAUL EDWARDS Wellington has a goodie from Rhodesia on 3308. might see you next time at Te Araroa.

BRYAN CLARK Wellington has sent out 10 reports and advises veries of Helsinki 21495, BBC London 21570, 21640 and a nice Brazilian ZYE419 Sao Paulo 17815. Thanks Bryan. it was worth the trip out to the Cape !

BEST OF THE MONTH

OVER 9 MHz

John Allchin RSA 21535
108 Points

UNDER 9 MHz

Tied between:

Dene Lynneberg Swazi Radio 3223
115 Points

Paul Ormandy Upper Volta 4815
115 Points

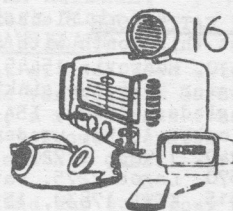
Turn to page 53 of your 1977
World Radio TV Handbook, then
read on:

"In what an FBI spokesman called the biggest theft in Philadelphia's history, 22 bars of gold worth some \$329,000 were reportedly stolen from the luxury apartment of Bishop S.M.Shelton, spiritual leader of the Church of the Lord Jesus Christ of the Apostolic Faith. The bishop, whose fleet of cars includes Cadillacs and a Rolls Royce, said also that \$40,000 in cash and an undisclosed amount of jewelry was taken. The bishop, whose church members donate 10% of the annual income, as well as one weeks pay per year to him, said he felt no need to keep the valuables in a bank. Larry Magne NASWA FRENEX
Listeners Notebook.

BBC MONTSERRAT In a letter dated 27/1, the BBC Engineering Dept advised that no service date has yet been announced for the relay facilities at Montserrat. BC

Late Mailbag: GAVIN WATERS of Wellington has 12 reports away and QSLs from Bucharest 11735, Warsaw 6135, Sofia 7115, FEBC 17810, KTWR Guam 9640, 15115, 15155, 17830, 17855, Helsinki 21495, Austria 17710. Good luck with antenna plans!

SHORTWAVE BANDWATCH



A very large contribution this month and we were unable to include all loggings received. It appears everybody busy DXing during the holidays. Lets hope 1978 continues this way. Highlights this month are several loggings of 'Radio Veritas Asia', TWR Swaziland on 9730 11955, and 17745 khz and Surinam heard on 4850khz.

TIMES IN G.M.T (Add 13 hrs for NZ Daylight Time) FREQUENCIES IN KILOHERTZ

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
2428	1100	Papua New Guinea	R.New Ireland	Fair/Poor. News and music.	BH
3220	0857	Papua New Guinea	R.Morobe	Fair Pidgin news 0900.	JS
3288"	1830	Malagasy	Tananarive ID 1830	and local news in malagasy.	DW
3500	1657	CHINA	R.Peking	Fair closing in EE.	JS
4719	0945	INDONESIA	RRI Ujang-Pandang	Good in Indonesian.	JS
4725	1210	BURMA	Rangoon	local programme.	PO
4775	1400	AFGHANISTAN	Kabul	, Radio Afghanistan Fair in English.	BW
4780	1836	DJIBOUTI	Djibouti	with AA programme and local music.	PO
4790"	0919	WEST IRIAN	RRI FAK FAK	Usual II programme Poor/Fair.	DW
4840	1730	INDIA	A.I.R Bombay	news in English good.	JS
4850	0830	SURINAM	Paramaribo	Sign on time variable reported Dutch and Indonesian languages till past 1000. Now 10Kw and all reported a good signal. BC reports opening annce in EE 0828. PO reports s/on often preceded by carrier and tone tests. AC RC JD PE	
4968	1146	SABAH	Kota Kinabalu	Good with local prgm and EE pops.	PO
4980"	1200	VENEZUELA	Ecos del Torbes	Good with Latin music.	AW
4990"	1215	VENEZUELA	R.Barquesimeto	Fair with Latin music.	AW
4990	1858	SOUTH AFRICA	RSA.	Interval sig fair, mixed with Russian on frequency. Portuguese 1859.	BC
4990"	1948	USSR.	Yerevan	. Long talk to Near East in Armenian. Fair.	DW
5041"	1922	GUINEA BISSAU	ID 1929	then classical music prgm. Fair/Poor. PP	DW
5042"	1140	SINGAPORE	Very good in EE prgm	local nxs ID 1145.	DM1
5045	0832	BRAZIL	Radio dif. Presidente Prudente	in PP. Good till QRM from Radio Educativa do Para at 0850.	BC
5075"	1220	COLOMBIA	R.Sutatenza	Fair with Latin music.	AW
5882"	2010	ISRAEL	IBA.	Home Svc in Hebrew.	DM1
6000"	2050	SAUDI ARABIA	Riyadh.	Usual AA vocals and music. Good signal	DW
6005	0432	COSTA RICA	R.Reloj.	SS with music. Poor.	CS
6040	1559	DUBAI	heard in clear with idents and nxs,	jammed 1604.	PO
6075	0425	ITALY	RAI	with EE to Mediterranean. Fair to Poor. Nx, // 7275	BH
6160"	0930	COLOMBIA	R.Successo.	Formerly Nueva Granada. Good signal.	AW
6382	1220	MONGOIA	Ulan Bator.	Poor in EE nxs teletype QRM.	BH
6575	0630	NORTH KOREA	Pyongyang.	Excellent in FF.	JS
6900	1840	TURKEY	Ankara.	Turkisk Met. Radio prgm Turkish mx. Fair signal	JD
7105	0459	ASCENSION	BBC W.S.	Good over USSR at s/on with local ident as 'Good Morning this is the Atlantic Relay Station of the BBC'	BC
7150"	2000	BULGARIA	Sofia.	Nx in AA. ID "Huna Sofia" Fair to Good signal	DW
7200	0800	MONACO	TWR Monte Carlo.	Fair in English.	SF
7280	1900	USSR	R.MOSCOW	EE to G.B and Ireland. //7360 Fair signal.	BW
7350	1945	USSR	R.Moscow	EE pops. Good till s/off 2000 then Peking in RR	JS
9455	0425	EGYPT	RCairo.	AA music nx 0500 good signal.	CS
9480	0430	ALBANIA	R.Tirana.	EE nx and comment. ID 0437. Poor.	CS
9520	2210	INDIA	AIR.	EE Nxs and comment. Good signal.	CS

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
9530	2048	JORDAN	Amman	NX in AA at 2100 Fair signal.	JM
9535	0300	GERMAN DEM. REP.	Berlin	RBI Testing in PI to 0345 then SS 0430	AC
9585	0400	HUNGARY R.	Budapest	15 min DX Prgm to USA. SAT. Fair EE // 11910	BH
9680	0210	LEBANON	Beirut	AA to N. America. Fair	JM
9615"	2215	VATICAN.	Vatican Radio	Vg signal in EE Ident 2217.	DMI
9605	0700	MALTA	AWR Broadcast	in Rumanian, Greek at 0730. Poor with QRM	JM
9665	1200	TURKEY	Voice of Turkey	with 1Hr trans. to Asia. EE prgm. Fair.	BH
9730	0358	SWAZILAND	TWR Manzini	often heard at s/on with GG gospel programme. Poor due splatter from DW 9735. S/off 0430. <u>BC DL JM PE</u>	
9740	2312	PHILIPPINES	R. Veritas Asia.	Fair in II. 2330 into Thai. Mixed with R. Prague // 11775 khz.	DL
9745	0300	SWEDEN	Spanish transmission	to 0330 replacing 5990.	AC
9780	0432	YEMEN ARAB REPUBLIC.	Sana.	Poor in AA Station ident 0432.	CS
9805"	1953	EGYPT	Cairo	. AA/FF lessons. Chimes and ID 2000. Good signal	DW
9840	1900	KUWAIT	Arabic nx	to sign/off 1910.	AC
9850	2100	EGYPT	Cairo.	Clock chime 2100 then nx in AA. Very good signal.	BW
11620	1945	INDIA	AIR Delhi.	Excellent signal in English.	AK
11700	0339	DOMINICAN REP.	R. Clarin	very good with SS prgm. Heard till t/out 0440. BC. Heard EE s/off 0230, appears irregular <u>BW</u>	SF
11700	1600	ISRAEL	IBA	Very good signal in AA. Id 1612.	BW
11725	2230	PHILIPPINES.	R. Veritas Asia.	Vietnamese svc. 2230 into II. Poor sig	JM
11740	1600	SWEDEN	R. Sweden.	Good in English.	BW
11745	1502	USSR	R. Moscow.	African svce in EE. Fair.	BW
11750	1600	MONACO	TWR Monte Carlo.	RR prgm. EE ident 1610. Mixed BBC. Fair.	BW
11760	1810	MOROCCO	VOA.	Tangiers. Programme in special English. Fair.	CS
11770	1820	YEMEN PEOPLE'S DEM REP.	Aden.	Good signal in AA s/off 2030. <u>CS PR BW</u>	
11780	0700	SWITZERLAND	SBC Schwarzenburg	good in EE to NZ. But mixed Rnz until 0715. Ex 11775 khz.	DL
11780	0334	BRAZIL	Radio Nacional Brasilia	good clear signals with domestic PP Service.	BC
11730	1500	"VOICE OF MALAYAN REVOLUTION"		Good in English.	BW
11885"	0140	PAKISTAN	Islamabad.	Bangla prgm with very good signals.	DM
11900	1024	MALAYSIA	Kuala Lumpur.	Good in INDONESIAN.	DM
11905	0300	IRAQ	Baghdad.	New English svce to North and South America. Sign off 0400. Most report strong signals. <u>WR</u> ITALY some days. Announced second transmission to nth America from 2130-2230 on 9745 khz. <u>PO BH</u>	AC JM
11925	0320	BRAZIL	Radio Bandiarantes.	Very good past 0430 with PP commercial programme. BC Station Id 0355 poor. <u>CS.</u>	
11945	1530	SEYCHELLES	FEBA	Good English.	BW
11955	1833	SWAZILAND	TWR. Manzini.	Religious music and poor.	AK
11980	1600	GERMAN DEM. REP.	Berlin	RBI. EE prgm vg to s/off 1615 announced frequency as 11975 khz.....	BW
15100	2300	USSR	Radio Vilnius.	Sign on in EE to sign off 2330 week days Lithuanian. Weekend EE Fair.	DL
15105	1955	GRENADA	Good Signal	with sharp fading. Station Id 2030. CS	JD
15110"	1101	PAKISTAN	Islamabad.	Slow speed EE news Id 1115 followed by Bangla programme. Ex 15520. Good signal.	DM
15120	1900	SRI LANKA	SLEC	Good in EE to Africa and Middle East.	JS
15135	0200	PHILIPPINES	R. Veritas Asia	Fair in Telugu slight QRM ABC 15140 khz. Best on LSB.	DL
15140	1920	MALAGASY REP.	R. NED.	Closing in AA poor level.	JS
15265	2330	CHINA	R Peking.	Fair in Indonesian // 17680 very good level.	JS
15270	0028	JAPAN	NHK	North American Svce in English. Good signal	IH

FREQ TIME COUNTRY STATION PROGRAM & RECEPTION DETAILS 18 INITS

15280 0104 PHIPPINES ,Radio Veritas Asia , Fair in EE DL ; News 0130 JS AW
 15290 0700 SYRIA Damascus , Very strong AA with Music and news PO
 15335 2130 LUXEMBOURG Radio Luxembourg ,Strong FF with pops . PO
 15345 0630 KUWAIT R.Kuwait good with EE pops . AW
 15375 2040 EGYPT Cairo , EE transmission fair - poor . "English by Radio BH
 15385 1830 MALAGASY REP. R.Nederland relay ,African Svce.in EE ,Fair IH
 17705"0345 INDIA Delhi AIR ,Hindi to Easy Africa , 0345 news . VG sig . DMI
 17710"1240 AUSTRIA Wien ORF , New freq. ex 17725 ,EE prog ,ID and s/off
 1255 . " Austria Calling " very good signal DMI
 17715"1037 HUNGARY Budapest , Strong sig in EE . Identifies 1040 . DMI

17745 1918 SWAZILAND TWR Manzini ,Interval signal & FF s/on . Gospel program African dialect . 1930 FF to s/off 2015 . Variable signal fair - VG . PE BC DL

17745 0600 EGYPT Cairo , Good with EE news and AA music . AW
 17785 2123 CUBU R.Havana , Good in English / PR
 17795 0908 JAPAN NHK Tokyo , EE news and commentary , Fair copy CS
 17850 1850 SRI LANKA SIBC Colombo , Testing in EE , VG level . Reception reports requested . Gave address as - The Director English Services , Sri Lanka Broadcasting Corp. , PO Box 1510 Colombo 7 , EE news 1901 , Test schedule 1845 - 1945 IHBC
 21535 1100 SOUTH AFRICA RSA , EE news fading shortly after . IH
 21540 1200 GERMAN DEM.REP. RBI , Good with EE to Asia , // 17880 khz IH
 21605"1105 KUWAIT R.Kuwait Home Service in AA . A very good signal DM
 21670 1625 USA VOA - GR. African Service in EE . News fair strength CS
 21685 1530 MALAGASY REP. R.Nederalnd s/on in II with poor signal . PO
 21685 0445 B ANGLADESH Radio Bangladesh ,Dacca , Fair in EE // 15400 and 17890 PO

UNIDENTIFIED

3555 0926 and 1710 . Programs in FF . Heard at fair level regularly lately with QRM from Hams and teletype . JS
 4720 1740 Station with AA Music , fair . AK
 4924.5 1908 ?? heard to 1940 fade out . Highlife music ,female announ. JD
 11942 0308 ?? INDONESIA RRI location unknown . II/EE pops . News 0400 Frequent idents . PO
 15132 1943 ?? Gospel station with severe QRM from 15130/5 Khz PO
 (WYFR Okeechobee ,USA , reported on 15130 this time with Gospel program in EE .) ED.
 6242 0618 Refer Dec Times ; " Voice of Peace " recently reported to be operating in Mediterranean waters on 6232 khz . Refer WRH page 472 . Ed.

BANDWATCH CONTRIBUTORS THIS MONTH ARE ;:- SF Stuart Forsyth
 AC Arthur Cushen RC Ray Crawford JD John Durham DM David Munn
 DL Dene Lynberg PO Paul Ormondy IH Ian Hitchiner CS Cecil Symmes
 JM John Mainland BC Bryan Clark PR Paul Rawdon BH Bill Huddleston
 AK Arthur Kindell JS Jack Seale PE Paul Edwards BW Barry Williams
 DW Dick Whittington -Victoria DMI Don Mitchell - Victoria
 AW Alex Wellner - Sydney NSW .

Re Unidentifieds above - per SCDXers 24/1, Radio Pakistan Karachi has moved to 4720 from 4710. Per UADX Tropical Band Survey, North Korea noted with FF around 3560 at 1720 GMT. BC The RR on 25075 reported by JS last month may be the 5th harmonic of Vladivostok 5015 suggests PO

RADIO SWEDEN has been sending out 'no-data' cards resembling their normal QSL card. To earn a QSL, listeners must list date, time, frequency & details of the programme - 'news', 'man talking', 'Sweden Calling Dxers', is not enough. You must also ask for a QSL card, otherwise you will receive the no-data card. There is a possibility that Radio Sweden may have to discontinue issuing any card some time next year, for economic reasons. SC DX

ARTHUR CUSHEN'S SHORTWAVE REVIEW 19

The month's interesting signals include Surinam which has been heard on its new frequency and higher power while New Hebrides the latest country to gain independence has extended its schedule. March 5 sees many frequency changes and already some have been notified. This information was first broadcast on the YA station of Radio New Zealand Sunday, February 5. All times are GMT, 13 hours behind NZDT, and all frequencies in kHz.

Australia: Radio Australia on March 5 will use a new 13 metre band frequency to Africa 0400-0630GMT. They will use 21525 and also 15260kHz.

Ecuador: HCJB Quito on 11955kHz heard to Europe 1900-2200 also on 15300kHz. 9585kHz has been heard to Europe 0500-0700GMT.

Germany: RBI have been testing 9535kHz with a new programme with Portuguese to Africa to 0345 and then Spanish to 0430, programme first noted January 14.

Guam: KTWR heard opening at 1100 on 15195kHz and also using 11730. The channel of 9640kHz, 0915-1100GMT is good and the BBC use 9640 up to 0915, but the frequency is shared without any interference.

International Red Cross: Tests will continue during 1978 from Geneva on 7210kHz from 0600-0700, 1130-1230, 1700-1800, 2200-2300GMT with English on March 27, May 22 and July 24.

Iraq: Baghdad heard with a service to Europe 9745kHz English 2130-2230, French 1930-2030 and German 2030-2130. A new service to North America on 11905kHz is broadcast 0300-0400GMT with light interference from Rome Radio.

Kuwait: Broadcasts on 9840kHz of the Home Service have been noted at 1900 with news in Arabic closing 1910GMT.

Masirah: BBC Relay station which was put out of action by a cyclone on June 13 is now testing on 1412kHz and relaying the World Service 1300-2000GMT. Four shortwave transmitters of 100kW are being installed and should be in operation by the middle of the year.

Nederland: Hilversum using 11835kHz 0700-0720GMT in English, this frequency replacing 11875kHz. The DX Jukebox programme is back again with its reports in all transmissions instead of being regionalised so that the Pacific Report is on the first Thursday on all transmission. Dick Speckman is keen to learn the reaction from listeners to the return of the old form of programme. You should write to him at DX Jukebox, Radio Nederland, P.O. Box 222, Hilversum, Holland.

New Hebrides: Villa on 3945kHz has extended its schedule since the country became independent. Pidgin is heard up to 0845 then French to 1000GMT, but the station does not close with any anthem.

Seychelles: FEBA 9605kHz opens 0200GMT but mixed with Radio Canada.

Surinam: Paramaribo 4850kHz now 10kW heard on this new frequency with strong signals opening at 0830GMT, Indonesian to 0930 including devotional and commercials and Dutch from 0930GMT.

Sweden: Stockholm will use 9605kHz from March 5 to New Zealand in Swedish 0630-0815GMT. 9745kHz replacing 5995 on January 19, 0300-0330 in Spanish and 11850kHz replacing 11705 in English 0230-0300GMT.

Turkey: Ankara has a new service to Asia with English 1200-1300GMT and using the frequency 9665kHz.

U.S.A.: WINB Red Lion is heard on 11775kHz at 2130GMT. The full schedule is 15340kHz, 1700-2100GMT, 11775 2100-2300, 15170 2300-0000, 11710 0000-0330.

NEXT MONTH:

More news of new receivers - Grundig's Satellit 3000 with digital frequency and time displays, the Realistic TRF, National Panasonic's 4800 (or DR48) digital readout receiver, and others.

..sign off..

RADIO VERITAS ASIA's current English sked, till 5 March, is: 0100-0200 on 11725 & 15280kHz, 1400-1500 on 9590, 11955 and 15115kHz. Bill Huddleston

BEC WORLD SERVICE Americas-based relays, effective till 4 March, are: Antigua: 15420 2000-2115 GMT, 11775 1200-1330, 9510 0500-0630, 6195 0900-0915, 1100-1330, 2000-2330, 6175 at 2330-0730 GMT. Sackville: 15365 1500-1745 (Sat/Sun only), 9570 2300-0030, 6175 2300-2330, 6120 2330-0430, 5990 1100-1330 GMT. Greenville: 0030-0330 on 9510kHz. BC

POWER GAME CONTINUED: The Voice of Chile is installing eight 100kw transmitters and 8 antennas. (Hauser RCI via ASWIC). A 4 year plan is under study to provide Radio Portugal with more powerful transmitters and antennas. (WDXC via NASWA LN). 2 new 100kw transmitters are planned for TWR Swaziland, for broadcasts to Sth Asia, Nth and West Africa. (Reif SCDX) Radio Nacional de Brasilia hopes to resume the International Service this year. (Schoffa SCDX). Brasilia will soon have 100kw on 4845 to cover remote areas lacking local radio. (Medin-a via Hauser NASWA LN). Adventist World Radio is to operate two 100kw and one 250kw tx from it's own station in Asia by 1979. (Dean WDXC via NASWA LN). Deutsche Welle has had the go-ahead for it's Sri Lanka relay base at Trincomalee. The station is expected to be ready in a year, and we can expect two 250kw tx to beam to Asia and Oceania. (O.Goonawardena UADX)

market square

WANTED TO BUY: Trio 9R59D communications receiver or 9R59DSM model. Please write to L.L. Johnston, 12 Pratt Street, Christchurch 7.

PRINTING of CB QSL cards, letterheads notepaper, callsign strips, pennants, at realistic prices. QSL cards from \$12 first 100; \$18 300 depending on design and layout. Send your ideas for quote - or leave layout to us. You OK proof before you pay. ARK PRESS, Box 3160 Wellington, Phone 735238.

CASSETTE/RADIO FOR SALE Philips model 22R332. Current European model with AM/FM. AC/DC. 15 transistor 18 diodes. Really good MW DX set complete with mic, cassettes. \$110. Ring Wellington 735-238.

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE

P.O. Box 1313, Invercargill

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

EDITORIAL OFFICE

P.O. Box 2956, Wellington

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

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ANNUAL SUBSCRIPTION: NZ\$5.00

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

RADIO NZ's SW service, proposed freqs from 1800 GMT 4 March to 7 May: 0745-1030 on 9620 to Australia; Pacific tx 1800-2015 on 9770, 1800-0045 on 11800 2030-0345 on 15380, 0100-0620 on 11850, 0400-0730 on 15130, 0630-1030 on 6105kHz. New freqs underlined. RNZ

MADRID's current sked includes SS to Sth East Asia & Australia 0800-1100 on 9520, 11740, 17735 from Toledo 350kw; EE to USA/Canada 0100-0400 (not Monday) on 6065, 11880 from Madrid 100kw; SS to Nth/Central America 2145-0010 on 9630, 11965, and 0100-0500 on 6120, all 350 kw from Toledo. Stuart Forsyth

RADIO ULAN BATOR currently broadcasts in EE 1220-1250 on 6383 & 12070 and 1715-1745 on 9575 Mon-Sat. Kondo SCDX

SWEDEN CALLING DXERS is broadcast on Tuesdays from Stockholm, at 1115 on 9630, 17845, 21690; 1245 on 9745, 15305, 21690; 1415 on 9665, 15305, 15315; 1845 on 6065, 9720, 11780. Also at 0045, 0245, 1615, 2115 and 2315 on other freqs.

RADIO NEPAL is testing their new 100kw transmitter on 7165kHz 1020-1120. Prgms are in Nepalese and reception reports are requested, addressed to: Test Transmission, Radio Nepal, Singha Durbar, Kathmandu, Nepal. Gazi SCDXers

VATICAN RADIO has EE for SE Asia, Aust/NZ at 2210 on 7235, 9615, 11705kHz; EE for America at 0100 on 5995, 9605 and 11800; EE for Africa 1115 weekdays on 17840, 21485; 1200 on 17840, 17900 and 21485; 1700 on 11830, 15120, 17900kHz.