



NEW ZEALAND DX TIMES

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APRIL 1973

FROM THE **BOX 2956** MAILBAG

NEW MEMBERS: Welcome this month to Peter Jackson and R.B.Raper of Dunedin, Barrie Burnet of Christchurch, Brian Gall of Palmerston North, P.J.Brooks of Wanganui, Mark Nicholson of Tokoroa and Donna Boyer, Wichita, Kansas, USA.

DOMESTIC AIRMAIL SURCHARGE: A few NZ members have expressed an interest in receiving the DX Times by airmail. It has been established that airmailing would mean delivery one day earlier at the most, and while the NZ Postal System continues to provide excellent surface deliveries from Wellington we do not think an airmail surcharge would appeal to many. However, if you wish to receive your copies airmail, send 55 cents to Box 2956, Wellington (NZ members only) for a years delivery at current airmail rates.

EARLE FISHER writes from Canada to say that "New Zealand was definitely the highlight of my recent 'get acquainted with the South Pacific' trip".

"VERONICA ON THE ROCKS" No, its not a cocktail. A severe hurricane which hit Western Europe on 3 April included amongst its casualties the pirate radio ship "Veronica" which newspaper reports tell us was 'tossed on to a Dutch beach where it was left high and dry surrounded by hundreds of sight-seers'. (Sounds like they were washed up too!) Thanks to Dunedin Newsclipper.

UTILITIES PAGE: Lack of support has meant no page this issue. Dene, Richard and Keith; thanks for your notes which have been held over till next month. C'mon Utility fans! Let us know of your interest to maintain this section.

AMERICAN CORRESPONDENT: One of our U.S. members, Scott H. Lewis has kindly offered to help with questions about US broadcasting stations and broadcast-ing as a whole. Members should write direct to Scott at 23509, 32nd Avenue West, Brier, Washington 98036, USA. Thanks Scott for this generous offer.

EXPATRIATE CORNER: We hear that former League member Martin Hadlow is Acting Station Manager with Radio Morobe, Papua-New Guinea. Theo Donnelly moves up the Canadian broadcasting ladder with a new position in Vancouver. See P.3.

EQUIPMENT TEST: Let's hear what receiver and aerial you use for an upcoming feature. Racal or homebrew set; longwire or bedspring aerial; whatever you use, please let us know. Extras too: tape recorder? typiste? Even if you're not too active, here's your chance to contribute to your magazine.

DAYLIGHT SAVING TIME in the USA & Canada effective Sunday 29 April 1973.

-73 in 1973- -INTERNATIONAL DX FRIENDSHIP YEAR-

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 2 MAY. DETAILS OF YOUR DX ACTIVITY, QSL's AND BEST-OF-MONTH ENTRIES TO BOX 2956, WELLINGTON.

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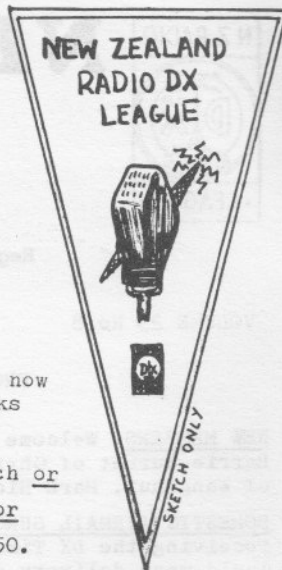
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P.O. BOX 1313, INVERCARGILL.

FROM THE BRANCHES

SOUTHLAND: 13 were present at Arthur Cushens for the March meeting. The main business concerned a revised handicap system for local competition. A report on the recent DX party at Riverton showed that 9 members had an enjoyable time and logged many stations. Competitions: MW Ray Crawford KELZ 1430, merit to Lindsay Robinson KUAI 720. SW Over 9 to Arthur Cushen Finland 21595 1kw, Under 9 to Steven Greenyer with HIN Dominican Republic 4910 1kw.

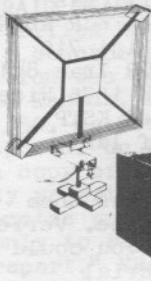
NORTH OTAGO: 13 attended the March meeting with some time spent testing aerials at the new site. Members were surprised at the reception. The inter-branch competition with Dunedin was discussed. It is planned to show films on radio at the next meeting on 26 April.

CANTERBURY: 12 were present at the March meeting, including 3 new members. DX chat showed that most members had been active in the hobby. Competitions: SW to Brian Withers Finland 21595 1kw and Ghana 3366 10kw Nick Kendall. MW winner -s Brian Withers BBC 701, Nick Kendall CHLO 1570, Lance Johnston with 6AM 860.

WELLINGTON: During the month branch members paid a visit to NZBC Quartz Hill Receiving Station for an evenings listening. Competition Results: MW George Masson KTRN 1290 1kw, Fred Humphries WSZO 1440; SW John Mainland Mali 11960 and Thailand 4830 for Senior Section, Richard Walshe Norway 11850 and Nigel Robins Fiji 6005 for Junior Section; Utility Richard Walshe Greece 13168.5. Next meeting at 47 Upper Watt St. Wadestown, 2.30pm, 29 April. All about London holiday.

PIRATE RADIO COMEBACK IN EUROPE?

A brief roundup of activity off the Dutch coast reveals the following details of interest to DXers: RADIO VERONICA, after 12½ years operating on 1562kHz has moved to 557kHz because of interference from Beromunster 300kw. Radio Nordsee International is using 1367 and is heard with excellent signals in the Eastern USA. 9780 is used in parallel to 6210kHz on Shortwave at present. Since about November RADIO CAROLINE has broadcast in Dutch/English 24 hours daily on 1187 with 10kw. Planned are RADIO KING 1127 & 971, ADMIRAL RADIO 1220.



BROADCAST DX with George Masson

3

Some, like myself are strictly early evening DXers, but if you want to catch a few more countries you should be getting up to catch some early morning DX.

+ Three 'new' stations highlight our notes this month. The regularly heard XELO on 800 khz has the new call XEROK and identifies as the 'World's

most powerful rock station.' Programme is automated rock with no live DJ's after 6.p.m. NZT. No news or weather. According to NRC the station address is P.O. Box 188, El Paso, Texas. Listen for this between 6 and 9.p.m. Often mixed with PJB.

+ Kuwait has been observed by Southland members putting in strong signals in English when opening at 1630 GMT on 1133 khz. English news at 1730. + Former Times Feature Editor, Theo Donnelly is on the air over CJVB, the New Vancouver station on 1470 with 'Continental Cabaret' 8.15.p.m. - 1.30.a.m. Tuesday thru Sunday NZT. CJVB's first N.Z. report has just been received from Keith Robinson (wot again?). More from Theo when space permits. Now into the mailbag!

JACK SEARLE, Haumoana, has been busy and sent reports to 1ZT 4YZ Fiji 1320 2YX 3ZC 4YB 2KO 4QL 1ZE 1ZM 4XD 2ZN 2CR 2NR KYXI WXLE KKHI. Veries back from 2ZN 4YC 1ZT 1ZM 3ZC 1ZH 2KO 2YX Fiji 710. Been busy. Been on holiday down South?

PAUL ARONSEN, Invercargill is at it again with loggings as Israel 737, BBC 701, KUDO, WXLE, KHVH Singapore 630, VOA Greece 791, KABC KORL XECO KTOM KGIL WLAC. No veries.. yet.

BILL WOLLER, Opuakehas them out to 6GF HGFA2, HJKU. Veries in from Fiji 710, 810, and Nuie 620. On the Latin Lark Bill?

MIKE SMITH, Matamata has logged only 7BU 7SD. QSL's in from 2VM 3AR 2NR 4QR 4QL WBAP KOA 2TM 2WL WOAI.

ELIZABETH HELLYAR, Bulls, while "waiting for my husband to build my loop" has logged 4QR, and collected QSL's from 2ZD 4YW 1ZE 1ZD 2ZP 3ZC 3ZA 2ZN 1ZC 2ZE. Where's 1XL?

SINCLAIR BENNETT, Christchurch has logged 4QL 7NT 5AN 2CA 4QG 4IP Fiji 810. QSL's in from XELO 5KA 2LM 7NT 2CA Fiji 710.

DON REED, Christchurch has logged 7EX 2ZA A3Z 4BK 3ZB 2ZB Turkey 1C61 Sharjah WXLE Egypt 818 Fiji 810, Paradise. Veries in from 7EX 2ZA 3ZB Fiji 710. Good to hear from you Don!

STEVEN PROUT, New Plymouth with his Eddystone 870A and FET Booster has QSL'd KFI Noumea 670 1XI 1ZB 2ZM 1ZD 1ZC. You'll have to start writing Steven to get some of those others back. Interested in FET circuit.

DONALD BRUCE, Green Island Otago has logged KATZ CKFH 4WK A3Z Fiji 560 KVOO 4KZ WAOK WCKY 4LG 6WB KELI KGIL KGA ZNS1 JOLF KIKI KOL CHWK KYXI CMW WXLE 3MA 8HA 6NA WUNI AFVN 540 KCCB 1260, XEPRS. QSL'd are JOWF 4RO 4AY KATZ CKFH 4KZ WAOK 4LG JOLF KIKI KOL CHWK Fiji 560, A3Z. Hope to feature boosters soon!

R..... KNOWLES, Carterton has veries from 3LO R. Fiji 710, Labasa 810. Just noticed your note answers the ... Richard!

PETER GRENFELL, Oamaru has reports out to Fiji 1320, KOB KKHI Paradise KNBR WXLE WCKY Nuie 620 WIBW VL2NI Tarawa 844. QSL's in from Fiji 710 1320, KOB KKHI. All well looped!

SUTTON BURTENSHAW, Invercargill has logged VOP 920 Sharjah 1575, 5SE DYLA HLGK Damman 885, Iran 895, Muscat 701, Tahiti 740 KSCO KKON Fiji 810. Veries in from 3BO 4AK 4QW 5AN JOWF CKNW Fiji 710 680 2TM. Have combed all the info I have but can't help on KPNT. I dig the new style print on BOM cards!

4 ARTHUR WILLIAMS, Timaru has logged KAIM
WXLE HJKC Fiji 710 KWFT 4WL 4LM 2LT
with veries in from WSM KFI (with Ekko
stamp) KFRC WLS JOSF WCBM WIBW KAIM
22M. Arthur is curious as to whether
any other American stations use Ekko
verification stamps. WCBM nice catch !

FRED HUMPHRIES, Wellington has logged
and verified WSZO.

STAN LARKING, Whakatane has logged WXLE
and JOIR with QSL's in from HIKU JOIR
Tahiti 740 after 8 months.

BRYAN WITHERS, Twizel has reports out
to WXLE CHEC WLW LK3. QSL d GKVN.

DENE LYNEBERG, Titahi Bay has reports
off to ZNS Batra-3 1106. Veries nil.

LINDSAY ROBINSON, Invercargill is now
pulling them in on his newly built
loop and they include GKVN KTOM KTRN
KFRE KEX Fiji 1470 Paradise 1265 2WN
4MK 4WK 2YA 4YC 1ZA 1YC. QSL's in
from 4AK 4GG GKVN Fiji 560 3GL.

BRYAN CLARK, Wellington thinks holi-
-days are worthwhile when you return
to a letterbox containing QSL's from
XEPRS WLCY WACK JOAR CKFH and KJJJ.
Logs: Dushanbe ? 800, Portales Chile
1180, and CB138 1380.

MERV BRANKS, Invercargill has report
-ed HIKX FEN Iwakune CKWX JOWF 2KA
A3Z Sharjah, Nice 1554, 2FC 2CH 4QR
4MS; prepared card sent to KEYS while
Fiji 640 810 and AFNT 1550 1570 were
"returned for correct verification."
QSL's from 4WK KVOO KOL JOWF 2GN.

NEVILLE HENRY, Invercargill in his
first report has logged Nice 1554
Calcutta 1130 VOA Rhodes 1259 VOA
Thailand 1580, JOQR Iran 841
Sharjah 1575 Iraq 908 Moscow 935,
Fiji 1470 A3Z GKVN. Welcome Neville.
Plenty of variety here.

KEITH ROBINSON, Invercargill has
reported Kuwair 1133, HJER, Bologna
1115, CX12 770, Tahiti 740, CJVB
1470, Nuie KSIW 1450, Fiji 710,
KKON. Verified 2DU Fiji 560, 2MO
and 5DN. Methinks a NZ first
coming for CJVB.

G. SIMPSON, Auckland has logged
1YA 1YW and received verifications
from 2YA 1ZB 1ZH 1XA and 1XI.

GEORGE MASSON, Upper Hutt . No logs
but QSL's from KTRN WIRL XEG. WXLE
returned 'undeliverable.'

ALAN CRAWFORD, Invercargill has
logged KMEN KHSL KSTP KRIA KJR KDON
DYLA KPOL Paradise 1265 Fiji 710
Russia 1493, KPWC 5SE JOQR Iran 841
Iraq 908 WLAC 3MA Sharjah 1575 Nice
1554 7LA BBC 701. Verified KSTP
KDON KJR. No note Alan of last
month's QSL's.

ROBIN CHAMBERS, Opunake, has them
out to CKFH 4RK and Paradise. Veries
Iran 841 KOOL Fiji 1210. You could
hardly improve on YOUR aerial
setup Robin !

RAY CRAWFORD, Invercargill has
reports out to 2ST 6CI 1130, VOA
Thailand 1580, Iran 841 Kuwait 1133
VOA Kavala 791 USSR 575, Cairo 773
Peking 940, DYRV 540 XEROK. Veries
in from XELZ TIBB 1225, GMAN CMW
CMKV. 101 countries now verified !

GAY STEVENS, Christchurch has QSL's
in from CBK WGN KMJ KPNW. Logged
are CBK KFAC XEWA XEG CMW KTWO KFAB
KFH WVOJ WUNI GKVN Nuie 620 Fiji
1320 1470 4QW 2WN 3MA KOL CKLG KNDI.
A good summer Gay !

GRAEME SHILLITO, Dunedin has logged
KTRB 2NR WOW 590 (haven't heard that
one for years) WLW KCBQ KUBA 1600
Nuie 620 WXLE XEROK KDON. Veries
in from KHAI KAHU KGW 2ZN Fiji
1470 640.

LANCE JOHNSTON, Christchurch has
logged KMJ CBK KOHO KFAC KGW XEWA
XEG CMW KRVN KTWO KFAB KFH WVOJ
WUNI GKVN Nuie 620, Fiji 710 1320
1470 4QW 2WN 3MA. Veries: WHAM WGN
KMJ KOL CBK Fiji 890.

DAVID RICQUISH, Christchurch has
logged KMVI (4th !) KMWX WCKY Nuie
620, VL2NI (3rd) HJDP Colosal 1025,
AFNT 1550 Israel 737 Ethiopia 854
Monte Carlo 1232; Veries in from
Fiji 680 (12 months) and WSM.
David has been "sleeping in morn-
-ings so not hearing much" My
problem too.

ARTHUR CUSHEN, Invercargill has
reported 4MS 600 and Kuwait 1133.
Verified are 4AT 6VA 4AY Labasa
680.

CRAIG CRAWFORD, Christchurch has
logged AFNT 1550 KGA CKLG WLAC
KGW Colosal VL2NI (2nd) KKON
ZK2ZN KELI Tahiti 740 KMWX KOTA
KALI KJR. (QSL's next page)

BROADCAST TRAIL

EVENING

- 540 XEWA 7.05 fair (G Sh) strong in Sp 7.45 (LJ)
CBK s/off 7.05 strong (LJ)
R. Tropicana 8 -8.20.also 7 good.
- 580 WIBW strong 7 PGr
- 590 WOW 7.30 news GSh
- 640 KFI 9.50 fair light music TG
- 670 WMAQ 7.10 telephone prog. LJ
- 700 WLW very good 7.40 GSh
- 730 HJKU very good most eves BW
XEX strong Sp 7.30. LJ CGr
- 770 CX12 'Oriental de la Noche' good 8. 15/3 KR
HJKH mixed KOB 6.45 BW
- 790 KKON CBS news 7 off 8 KR
- 800 XEROK (ex XELO) strong 8.30. GSh
PJB Eng news 7 mixed XEROK BC
- 810 HLCY Sutatenza good 10 GSh
- 820 WBAP 11 C&W (GSh) HJED over 4ZA 4.40 BC BW
- 844 Tarawa good 8.30 to s/off 10.04
- 850 HJKC mixed KOA 6.50 BW
- 880 KRVN 11.45. telephone prog TG
Also 12.35 strong LJ
- 960 KABL 11.15 good after 3YC GSh
- 990 GBW & KKIS news 7 KR
KKIS good 7.30 CGr MB
- 1010 OAX4U America good often SB CGr
- 1030 KTWO good 6.30 (LJ)Nx 7 off 8.
- 1050 Latin (R. Oriental?) 7.45 3/3 BC
- 1055 R. Silicio good Sp 7 ?? CGr
- 1110 KFAB 6.50. strong LJ
- 1120 Sp under KPNW 7.15 25/3 TG
- 1170 KOHO 8.05 good LJ
- 1190 HJVC fair with KEX 6.20
Latin 8/3 12/3 18/3 mentioning Sante Fe, Santo Domingo ?? SE
- 1270 KNDI 7.30 good LJ
- 1290 WHIO 7.05 sports news MB
- 1320 Fiji 8.22. (HJS, LJ)WVOJ 6.45.
- 1330 KFAC strong 8.45 classical GSh
Mixed KFH on talk 7 CGr
- 1380 KTOM a/n. Gives 'Tall T' ID 8.15. GSh CGr GM
- 1385 WXLE strong from 8 CGr GM
- 1410 CKVN strong 7.05 LJ
WING 7 (GM) Mex briefly 6.23 BC
- 1450 KGIW f/c 6.55. 23/3 KR GM
KDXU regular F/c 7.15 first Monday. SB MB
KPNT s/off 7.58 then TT 19/2 SB
- 1460 KMWX good behind NZ 6.45 CGr
- 1470 CJVB Vancouver sports Nx 7/15.
- 1480 KYOS over Hauraki 6.50. GSh
- 1540 ZNS fair with Eng ID and time as 2.15.a.m. at 7.15.p.m. DL

CRAIG CRAWFORD, Christchurch has verified KMAN CFCN and CKLG. KMAN is something of an exception as reception was for a report timed 9.a.m. in Kansas. Station is 500 watts on 1350. As Craig says " They had a news special on Feb 6 about my reception a copy of which they have sent me. My report coincided with their automatic programming and they had only to replay the tape to verify my report." KMAN is a daylight only station with a recognised range of 60 miles. As Manager, E. Lowell Jack said 'It was quite a skip.' Fantastic reception Craig.

TERRY GLOISTEIN, Dunedin down from the rigging has built a loop and then 'blown up his receiver' (The loop doesn't pack that much punch !) Logged 4XO. Passes on the tip that 4ZB often on 2kw Fridays 9 to 10.p.m.

ERIC MCINTOSH, Invercargill rounds off the Mailbag with logs as WXLE 4QY 4MS 3MA AFTN WLGY and veries from JOUF 5SY Fiji 710 1470.

BEST OF THE MONTH

Senior & Junior

- 1st: WCBM Baltimore, Maryland, 680khz, 5kw 149 points
Arthur Williams
- 2nd: KMAN Manhattan, Kans 1350khz 500 watts 144 points
Craig Crawford

Latin American DX on medium wave brings its share of unidentified stations. One this month is Radio Panamericana? being well heard on 1530 over KFBK around 7pm by Jack Searle. Heard well in Wellington too, Jack. All we can suggest is KGBT with an allnight Spanish programme or XEUR Radio Onda with a slogan change. Anyone confirm this one?

6. EVENING TRAIL Continued

1570	VL2NI on top 7.30 17/3	
	XERF strong 5.45.	Many
1578	G5B5 fair good 7.30	RCh
1594	G5B4 fair 7.30.	RCh
1600	KUBA 7 news mixed others	GSh

MORNING

575	USSR Krem bells 6.30 strong	RGr
590	KGMB good 4	RCh
620	Cairo strong to 7.45 fade	
630	Singapore 4.30 Eng s/off	MB
650	KORL strong 4	RCh
	FEN Okinawa good 6	RCr
660	6GF fair 3.45. s/off 4.01	RCh
701	BBC Masirah good 4.30	RCr
719	BBC Cyprus strong 5	RCr
720	KUAI fair/good 4 (RCr) 6WF	
	s/off 4	RCh
730	AIR Gahauti 5 mins Eng News	
	at 5.30.	RCh
737	Israel good 6	RCr
773	Cairo good until 7	RCh
791	VOA Kavala fair 5.10	RCh
800	Amman mixed Pyongyang 4.15	RCh
	Moscow in Chinese 6	BC
830	KIKI strong 4	RCh
840	6FD s/off 4 good	RCh
841	Ban good 4.30	RCh
845	Italy fair 5.30.	RCh
850	6CA s. off 4 good	RCh
908	Bagdad fair 5.30.	RCh
935	USSR Unid Krem bells 3 good	RCh
1040	KHVH strong 4	RCh
1106	Batra-3 6.05 west instrumentals	
	& Arabic type lang	DL
1120	WVUV s/on 5 with SSB	RCh
1124	Libya fair 6.30	RCh
1130	KLEI fair good 4	RCh
1133	Kuwait Eng 4.30 with 'Sound	
	of Music' prog	RCh
	Good at 6.30	KR
1190	HLKX 5 distinct ID	MB
1232	Monte Carlo Cyprus relay 5.10.	RCh
1345	Kuwait good 6	RCh
1466	Monte Carlo strong 6	RCh
1575	Sharjah still good 5	RCh
1602	Munich good 6.30	RCh

News from Above (Heavenly sent)

+ ISRAEL 737 khz is now 1000kw.
 + TWR Cyprus 20kw on 1232 will
 increase power to 600kw in July.

DX FORECAST

APRIL

4.15 - 4.30.p.m. South Americans
 5.00 - 5.30. Central & South Am.
 6.00 - 6.30. South Americans
 6.00 - 7.30. North Americans
 6.05 Portugal
 1.30. - 4.a.m. Asians good
 5.20. - 7.10. Europe/Middle East/
 North Africa.

MAY

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

THOUGHTS ON AERIALS & BOOSTERS

It seems as though the beverage longwire is catching on in the States. If you have the room it is still the King of the MW antennas. I notice that one beverage mentioned in NRC Notes is 6600' long. They don't do things by halves in the U.S.A. We hope to run an article on Beverage antennas soon. We also plan to print an article on transistorised signal boosters, and as there is more to building a booster than meets the eye we would like to hear from anyone who has built a successful booster maybe using FET's. A loop booster could be untuned but must have very low noise and plenty of gain. A longwire booster would have to be tunable to avoid spurious signals. Booster circuits should feature components readily available in New Zealand.

-- George Masson

Radio DDR 1570 250 kw is on the air until 1900. NRC

Frankfurt 593 now 400kw. No silent period. SDR 998 and 1169 now all night.

JORDAN has a 1500kw transmitter under construction NRC
 ABU DHABI 750kw MW station is due on in June 1973 NRC

MACAO...continued.

The government radio station "Radiodifusao de Macao" was well heard, mainly in Portuguese, all day on 900kHz but the low powered repeater on 1200kHz gave only fair reception in the evening.

Huddled over the radio/recorder, I was able to hear 68 mediumwave stations at 10pm local time, but as in Hong Kong, only a handful were identifiable. 26 stations were audible at 5.45am, increasing to 42 by 6.05am. VOA Vietnam was completely blocked by jamming at this time. Several stations in Japanese were noted, as were 2 Philippine stations: one with English news and Mindanao weather at 6am was probably DZHP Quezon City 1130kHz.

THAILAND

Bangkok is an exotic and sprawling city of 4 million people. I've read that the Thai capital had more radio stations than any other city, which could be true as 52 stations were audible at 6.30pm and 7.30am. It was certainly strange to have a broadcast band full of Thai speaking stations, not a single word being familiar. The language sounds to me like "upbeat Chinese" with a slight touch of Malay/Indonesian! Plenty of Western pop music was evident and present -ation was not unlike Philippine stations. Technical expertise and quality of transmission and presentation was often below average. Some signals were poorly modulated; some 'spread' up to 25kHz off frequency; record and tape speeds fluctuated noticeably and were accompanied by much 'surface noise'.

A number of stations were strongly directional. By rotating the radio through 90 degrees several stations were clearly audible, providing very little co-channel interference with each other on the same frequency.

Fortunately I soon found that there were locally originated English broadcast -s on mediumwave. Heard at excellent strength (of course!) the 1000kw Voice of Free Asia 1580kHz has its own English news at 1115 GMT followed at 1130 GMT by a relay at remarkable quality of the VOA's "Report to East Asia" for 30 minute -s. A second English broadcast of the VOA began at 1430 GMT. This transmitter gives good reception in New Zealand, but listening in Bangkok its hard to believe there are a million watts in the air!

At 1500 GMT on a Tuesday, I noted the familiar voice of Ted Garner Armstrong and his "World Tomorrow". The programme concluded with an address in Bangkok, then the station Por Tor Or, 600kHz with 20kw continued in Thai.

Well known to the Leagues' Asian experts, Radio 20 has English news at 1500 GMT when the following identification is given:- "This is 2 - 0, the station of news and music, broadcasting on the frequency of 1520 kilocycles. The time is now 2200 hours. 2 - 0 presents the news in English." Local then International News is given, followed by the Thai Weather Forecast and a short commentary. Modulation was not too good, nor was the incessant rustling of the announcer's script.

Most comprehensive radio coverage for the English speaking resident or tourist is provided by a 5 hour breakfast show from TTV Radio with compere William Parker. The station announcement is worth repeating:- "You're listening to TTV Radio in Bangkok, the Early Bird Show, broadcasting on 95 mcs in the FM band, 674.15 kilocycles AM (honest!) and 6.095 mcs on the 49 metre band Shortwave, the station you can hear all over Thailand." In fact my frequency reading for this station was about 685kHz, with reception spoilt by moderate splatter from another strong station on about 690kHz. Programming was tourist oriented with frequent commercials for Panam, BOAC, Esso, TWA and Cathay Pacific Airlines. Even an occasional Thai advertisement was inserted just to confuse. The fairly staid and predictable programme consisted of News headlines at 6.30am local time, full news at 7, sports news at 7.30, late news headlines at 8, 'What the papers say' at 8.30 and Radio Australia news relay at 9.30am

-to be concluded.

LEAGUE LADDERS

Broadcast

SEMI-FINALS

Shortwave

Division	Dec.	Apr.	Inc.
<u>GOLD STAR (1501 & Over)</u>			
Arthur Cushen	2090	2098	8
Keith Robinson	1958	1966	8
Merv Branks	1936	1955	19
Frank A Wilson	1535	1545	10
<u>GOLD ACE (1001-1250)</u>			
Don Reed	1039	1043	4
<u>SILVER ACE (751-1000)</u>			
Ray Crawford	865	881	16
Eric McIntosh	806	810	4
<u>ACE (501-750)</u>			
Robin Chambers	676	683	7
Stan Larking	640	643	3
Dene Lynneberg	578	586	8
Sutton Burtenshaw	585	609	24
Graeme Shillito	508	523	15
<u>SENIOR (301-500)</u>			
David Ricquish	373	397	24
Stephen Reed	360	361	1
Brian Withers	335	340	5
Ray Babbage	322	-	-
George Masson	307	311	4
<u>INTERMEDIATE (151-300)</u>			
Robert Chester	298	-	-
Chris Martin	-	247	-
Gordon Simes	-	228	-
Lance Johnston	222	232	10
Bryan Clark	222	235	13
Arthur Williams	198	212	14
Tony King	-	217	-
Richard Knowles	163	173	10
David Dwyer	169	171	2
Alan Crawford	179	182	3
<u>JUNIOR (51-150)</u>			
John Newman	136	136	0
Lindsay Robinson	130	136	6
Jack Searle	89	101	12
Terry Gloistein	-	109	-
Bruce Cavanagh	-	94	-
Gay Stevens	75	80	5
Michael Smith	67	81	14
Sinclair Bennett	72	110	38
Paul Falleni	58	61	3
<u>NOVICE (1-50)</u>			
Ian Patterson	47	-	-
Peter Blackhaus	34	-	-
Keith Barton	34	38	4
Michael Pollard	18	19	1
Colin Campbell	15	18	3

Division	Dec.	Apr.	Inc.
<u>GOLD STAR (1501 & Over)</u>			
Arthur Cushen	3866	3920	54
Dene Lynneberg	1679	1695	16
Robert Chester	1521	-	-
<u>GOLD ACE (1001-1250)</u>			
Ray Babbage	1123	-	-
Ray Crawford	1031	1045	14
<u>SILVER ACE (751-1000)</u>			
Stan Larking	-	905	-
John Mainland	865	920	55
Bryan Clark	860	891	31
Brian Withers	843	853	10
John Watson	-	829	-
Hans de Jong	-	818	-
<u>ACE (501-750)</u>			
Erin Ardley	589	610	21
Eric McIntosh	541	543	2
<u>SENIOR (301-500)</u>			
John Durham	452	519	67
Lindsay Robinson	424	467	43
David Barton	420	422	2
Lance Johnston	341	360	19
Peter Herman	333	361	28
John Hillier	316	363	47
Chris Martin	-	313	-
<u>INTERMEDIATE (151-300)</u>			
Alastair Stewart	291	-	-
Ian Patterson	283	-	-
Jack Searle	244	298	54
Tony King	-	231	-
Terry Gloistein	-	191	-
David Dwyer	189	191	2
John Newman	175	184	9
Stephen Reed	173	173	0
Arthur Williams	165	189	24
Mike Highley	-	175	-
<u>JUNIOR (51-150)</u>			
Colin Campbell	125	154	29
Bruce Cavanagh	-	116	-
Steven Greenyer	-	139	-
Michael Smith	103	124	21
Gay Stevens	86	86	0
Peter Blackhaus	69	-	-
Michael Pollard	62	82	20
Paul Falleni	54	60	6
Murray Robson	-	80	-
<u>NOVICE (1-50)</u>			
Chris Mackerell	42	54	12
Robin Chambers	40	-	-
Paul Frost	34	81	47

Welcome this month to Chris Martin, Tony King, John Watson, Hans de Jong, Murray Robson. Remember the Finals for this round appear in the June issue, and your entry sets you on the road for the June-December competition. Thanks to all participants!

SHORTWAVE MAILBAG with John Mainland

JOHN MAINLAND, Wellington has in fact slipped away to Australia for a few weeks holiday, but early March DX saw 17 reports out and QSL's from Saigon 9755, Suva 6005, IBRA 9505, Stockholm 11795, Saudi Arabia 9720, Mali 11960 and Bucharest 6060.

BRIAN WITHERS, Twizel has verified Fiji 6005, Nigeria 15120, ETLF 15365, RA-Shep 21675 and reported DW Kigali 21540 and 17780 0920, RSA 17885 1900. Thanks for your regular contributions.

STAN LARKING, Whakatane has been active with 34 reports out and veries from Canada 5970, Vatican 21485, Bonaire 9715 and NHK 15235, 21640, 17880, 11875, 15195, 17855, 9605 and 9675. Good work!

CHARLES DOUGLAS, Te Awamutu in his first contribution to the Times advises that he has reports out to RBI 11890 0315, DW 9650, 11795, 11850, 17780 all at 0920, Israel 9625, 11960 0515, Tahiti 11825 0432 Vienna 21720 0730, Kuwait 15345 0600, CBC 5970, 9625 0830, UN Radio 9555 0845, VOFK 17780 0215, BBC Cyprus 15390 0600, SEIT via Sennes 9670 2130, Brussels 15235 0045 and VOA Munich 3980 0525 all logged on his Pye 7 valve. QSL's are Lisbon 11810, NHK 15235, RSA 21545, Sweden 9760, Brussels 11870, Norway 11850 and VOFK 9640. Welcome!

RICHARD WALSHE, Wainuiomata submits 8 reports to Bandwatch and has QSL'd RSA 21545 with pennant, North Vietnam 10040, Norway 11850, Japan 17885 and Israel 11950 the last two also sending pennants.

PETER HERMAN (Ham Call VK2BUD!), Erskineville, NSW advises QSLs to hand from NHK 11875, 15235, DW 11975 after 8 months (they must still be clearing their Olympic back-log), Budapest 11910, Berne 11775, 9590, and 15305, Nederland 9715, 9770, RA-Darwin 6120, RA-Lyndhurst 15160 and RA 17810. 9 freqs logged including Bucharest 9605 1530, RBI 17880 0645 and LW 9650 0700. Writing, BC.

PHILLIP BLESING, Adelaide, Sth Australia is our second new contributor this month. He has recently logged Moscow, VOA, Radio Japan Radio NZ 11705, Peking & All India Radio on 11950. Veries have arrived from Nederland 9715, FEBC 11890, RA, VOA, Japan 11875, Moscow 12060 and BBC 12095. Good start Phillip!

HANS DE JONG, Launceston, Tasmania is yet another new trans-Tasman contributor with reports sent to Kuwait 6025 2010, BBC 6080 1906, CBC via BBC 6080 1923, Peking 6320 1956, VOA Gville 9510 1945, Pakistan 9575 2013, DW Sine -s 9650 2027, SEIT Portugal 9670 2209 NHK 9735, 11960 2040, Paris 15155 0713 and Peace & Progress 15265 1310. The postman has delivered QSLs from RNE 7105, Sweden 9720, VOA Gville 15410, RN-Talata 17810, Vienna 21705. A form detailing layout of members contributions will shortly be available.

STEVEN GREENYER, Invercargill has had another good month with 13 logs submitted to Bandwatch and veries from Sabah 5980, Tashkent 9540, CBC 6125, Vietnam 10040, BBC Tebrau 11750, RFE Lisbon 11895, Vatican 9615, Bangladesh 17935, Fiji 6005, RNI 6205, VOA Okinawa 7165, HJID 6075, HIN 4910, OAX8U 5010, (call per QSL; OAX8V uses 9665. WRIVH has them 'back-to-front!')

MIKE SMITH, Matamata has QSLs from Tashkent 9540, Fiji 3230, RBI 15430.

JOHN DURHAM, Whangarei advises 28 loggings during March and has been rewarded with veries from Madang 3206, Popondetta 2468, XERMX 21705, 15125, Sweden 15240, 9745, RA-Shep 15265 BBC 21710, RSA 21520, 9525, Hungary 9833 WINB 17720, RAI 15315, 15385, Kuwait 15415, SBC 15430, 11870, Timor 3668, AIR 11740, Seoul 15335, VOA Lixon 9730, Prague 21690, BBC Atlantic 15260, RNZ 9520, NHK 9560, 17880, DW Kigali 15410, V. of Vietnam 12030. Great effort John!

JACK FARROW, Lower Hutt, our 4th new contributor this issue, has sent reports out to BBC 7150, Peking 11695, Nederlands 11730, HCJB 11915, Japan 15235 and RA 15230 (ABC domestic relay on this freq. Jack) A sound start.

BRYAN CLARK, Wellington has QSL'd Prague 21575, 21615, XERMX 21705 (his 135th country), Conakry 15310, Talata 21480, Karlsborg 6175, DW-Wertachtal 9510 and 4 from RA. 8 reports out. A Barlow-Wadley XCR-30 Mk 2 has just flown in from London!

HARRY WEATHERLEY, Mt Waverley, Victoria (also a member of the Barlow-Wadley Fan Club!) advises that veries to hand from Timor 3668, Karlsborg 6175, DW Kigali 11905, Singapore 11940, Tehran 15084, Cairo 15085, WNYW 15130, RSA 15285, Karlsborg 15295 and Radio Nacional Brasilia 15445. Loggings: Vila 3945 0820, V. of Hope 9640 0500, Tunis 11880 0500, Israel 11960 0500, Hanoi 15105, WNYW 15130 2336, Brasilia 15445 0407. Look forward to seeing you later this year, BC.

JOHN BATHURST, Christchurch submits 15 reports to Bandwatch and has QSLs from NHK 15235, RSA 21520 & VQ04 3995. Can anyone help with an address for R. Nacional Huanuni, being heard on 5965 at 0957?

LINDSAY ROBINSON, Invercargill has 16 logs and QSLs from AFRTS 15330, RA 21675, Moscow 15290, VOA Dixon 6140, 6185, Monrovia 7195, SBC 9750, RAI 9575, NHK 5990, CBC 6125, 11860, Bangui 5035 (70th country!) & Israel 11960.

DENE LYNNEBERG, Titahi Bay has 6 reports out and veries from Zambia 17895, Nigeria-Sokoto 6195 (maybe a first Dene?), Tangiers 11885 & Voice of Hope 9670.

PAUL PENBERTHY, Palmerston North has QSLs to hand from VQ04 3995, Poland 7285, BBC-FES 11750, BBC Atlantic 15260, RA 9570, 11765, 17795 & 17870 (Darwin). Thanks Paul.

GAY STEVENS, Christchurch has 5 reports listed for Bandwatch, but no QSLs this time.

JACK SEARLE, Haumoana has been away on a well earned holiday, hence only 11 reports. Not to worry as veries in from NHK 15445, RSA 21520, Sweden 9760, RN Bonaire 9770, 6085, Vienna 21705, RA Shepp 9535, 17785, 21455, Moscow 9685, Bucharest 11940, SBC 6015, Seychelles 11955, CBC 11860, Norway 15175, WNYW 11885, DUH2 6170, Fiji 3230, Ghana 4915, Lagos 7255 & Prague 7345!

ALAN CRAWFORD, Invercargill has logged HJKJ 6160, BBC 21530 & Bangladesh 11725. Rewards are BBC 6050, HCJB 11915, NHK 5990 & RA 15295.

LANCE JOHNSTON, Christchurch submits the same 5 reports as his fiancée, but can boast QSLs from Yugoslavia 6100, DW 6145. Hi!

PAUL FROST, Tauranga has 6 reports this month and a big batch of QSLs from Tirana 9505, AIR 15205, ETLF 11850, RA Shepp 11840, 15265, RA-Lynd 15240, NHK 15105, Moscow 21505, HCJB 11715, SBC 21520, 15305, Kuwait 15345, Lisbon 17880 & UN Greenville 9530. Re VOA, try addressing reports to Office of the Engineering Manager, then address in World Radio Handbook. Writing, BC.

MICHAEL POLLARD, Christchurch has 4 logs and a wealth of observations for Bandwatch, plus QSLs from FEBC 3345 (in 6 months), 15300 and BBC-FES 15310. You're a busy lad but don't forget those studies!

ARTHUR WILLIAMS, Twizel has, like many members, been chasing the New Guineans, with reports out to Mount Hagen 2450 & Bougainville 3322.5. QSLs are ORTF 6100, Prague 11855, CBC 11860, Cairo 9475, Cordac-Burundi 3985, Greece 21610, Kuwait 15345, DUH2 6170, VOA Monrovia 11925 & VOA Rhodes 7205.

ARTHUR CUSHEN, Invercargill has 10 reports out for March and veries in from Prague 11855, 21575, 21615, Fiji 6005, RA 17785, HJID 6075, Helsinki 21595, ORU 15200 and 4XB31 11960. Its not far to 4000 SW veries now Arthur!

TERRY GLOISTEIN, Dunedin advises 13 logs for Bandwatch plus 8 out to RA. QSLs from RA 11945, 9535, 15405. Thanks.

MICHAEL COLE, Auckland writes in with some constructive comments and 2 items for Bandwatch. QSL'd are RAI 11810, Tashkent 11925, Bucharest 11940, Algeria 9685 & Moscow 6000. Promise action on your suggestions.

MURRAY ROBSON, Christchurch reports 25 stations in his first contribution to these pages. QSLs received from CBC 11860, Taiwan 17890, Rumania 11940, Sth Korea 15335 plus pennant, CBC 9625, Israel 11960, TWR Bonaire 11815, Tashkent 6025, Sofia 9700, Peace & Progress 21460, Moscow 6000, 12060, 9780, UN 5955, 9580, RSA 11900, 15175, 15220, FEBC 11890, Vatican 15200, Milne Bay 3360, ETLF 11955, Kuwait 9750. Presentation very good Murray! Peking, BBC & VOA cards acceptable as QSLs as this is usually all they provide.

RAY CRAWFORD, Invercargill has 17 reports out and veries trickling in from Abu Dhabi 9620, Bucharest 11940, SBC 11870 & Vatican 15200.

JOHN WATSON, Waipawa continues to be one of our busiest members with 34 reports out, including Kuwait 9600 0500, 15415 0500, VOA Kavala 7270 0640, Hilversum 15180 0800, Bonaire 21570 1900, 8 to NHK, 8 to RA, Malaysia 9665 1000, CBC 21595 1850, AFRTS 21500 2345. QSLs from.. but thats another page.....

JOHN WATSON has veries from Milne Bay 3360,BBC 7150,Karlsborg 6175,Austria 7245,Israel 11960,9625,9009,Tashkent 6040,RSA 21545,WINB 17720, Radio Japan on 9 frequencies,Algeria 9510,Peking 17825,RN Bonaire 9590,21570,17810,IBRA 9670,Hilversum 15180,Madrid 15145,11775 CBC 9610,9625,6125,V.of Hope 9670,SEB 9750 and Vatican 21485. Already John has 6 QSLs in for the 25th Anniversary Competition. How about you?

ERIN ARDLEY, Auckland is another member seeking to qualify for the Anniversary Award,with a long list of loggings for Bandwatch.QSLs from RAI 6050,DMQ 7175, ETLF 11910,RA-Shepp 9535,15405,11790, RA-Darwin 6055,9700,NHK 5990,17710 plus Radio Japan Club membership. Writing in answer to your enquiries Erin. BC

JOHN HILLIER, Masterton has QSL'd NHK 9675,Israel 9625,CBC 5970,Poland 7285, & RA 17820,11765,17795,15295.Reports have been sent to Lisbon 11840 0325,Oslo 11850,17800 0812, 3 to CBC, 2 to NHK.Tai

ERIC MCINTOSH, Invercargill contributes 5 reports to Bandwatch.QSLs WNYW 21525, AFNT 3990. Thanks Eric.

KEITH BARTON, South Australia has no QSL bag this month but with 19 reports out there should be some action soon. Logs include BGC-FES 9740 2345,Oslo 21655 0820,RNZ 9520 1029(good catch!),RBI 17880 1230 and Sofia 9700 2140.

ITO TSUKIGAWA, Oamaru has logged 13 and verified AFNT 7215,RBI 21540,Tashkent 6025,Berne 21520,Dili 3668,Sweden 15295 Oslo 6130 & RA-Lyndhurst 5995.Best wishes reciprocated.

PAUL ARONSEN, Invercargill (or is it Auckland?) has 4 reports & no veries!

NIGEL ROBINS, Wainuiomata has 12 report -s out and rewards from WNYW 9690,Fiji 6005,RN Malagasy 9715,RN(EDXC card) for 6085,Bucharest 9690,Sweden 9760,Israel 11960,Vatican 9615 & Berne 11870.

COLIN CAMPBELL, Rotorua has had a quiet few months with 4 reports out and QSLs from ETLF 11850,Budapest 9833,CBC 5975 Vienna 21720,21705,21585,Japan 9530,RA Darwin 17870,15395,Shepparton 15405, 15240 & Prague 9630.Best wishes Colin.

PETER GRENFELL, Oamaru has,in the last 2 months reported 26 stations and QSL'd Athens 21610,Karlsborg 15300,Brussels 11875,RSA 11900,21520,Vatican 9615,SEB 21520,Stockholm 9760,Helsinki 15185 and Hilversum 9715(UDXC Special QSL).

JILL GRENFELL makes it a team-effort with 30 loggings out and QSLs in from CBC 5970,9625,NHK 17885,Oslo 17800,RSA 11990(11900?),Hilversum 11730 & Sweden 9760. Believe your contest efforts have been rewarded. Congrats to you both! BC

MYSTERY "Controle Centrale" on 11890 to s/off 2159 GMT.Spanish prgm with address in Guayaquil,Ecuador. Noted in March by Michael Pollard....my guess is HCJB testing for this new channel. Anyone confirm for Michael? BC

42 CONTRIBUTORS! FANTASTIC EFFORT!

BEST OF THE MONTH

OVER 9mcs: Arthur Cushen with Helsinki 21595kHz 1kw. 129 points
UNDER 9mcs: Arthur Williams with Cordac-Burundi 3985kHz 2.5kw. 138 pts
CONGRATULATIONS ARTHUR(S)!

BANDWATCH CONTRIBUTORS:

RC Ray Crawford	LR Lindsay Robinson	MP Michael Pollard	EA Erin Ardley
PG Peter Grenfell	JD John Durham	SG Steven Greenyer	KB Keith Barton
AC Arthur Cushen	DL Dene Lynneberg	JM John Mainland	HJS Jack Searle
BC Bryan Clark	TG Terry Gloistein	JG Jill Grenfell	EM Eric McIntosh
CC Colin Campbell	GJW John Watson	PA Paul Aronsen	RW Richard Walsh
JB John Bathurst	GS Gay Stevens	LJ Lance Johnston	MC Michael Cole
MR Murray Robson	NR Nigel Robins	North American Shortwave Association.	

SW BANDWATCH

ALL TIMES GMT.

FREQUENCIES IN KILOHERTZ.



Although disturbed atmospheric conditions continued during March, members have been active on all bands, with increasing activity on the longer wavelengths. Of particular note are the efforts of Southland members in tracking down low-frequency Indonesians; improving trans-Pacific reception of Latin Americans; Papua-New Guinea on 90 and 120 metres is the target of many reports again this month, (to avoid repetition only stations not listed last issue are listed here, save the newcomer Radio Chimbu.)

NEW MEMBERS NOTE: Your loggings and observations should be contributed in the format below. Loggings are indicated by underlined initials. It should be appreciated that not all loggings can be listed, but no contributor will be ignored. Verifications should be submitted with logging totals on a separate piece of paper for SW Mailbag. A set of guidelines for contributor -s and reporting sheet is under preparation.

FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITIALS
2350	1300	INDONESIA RRI	Jogjakarta logged with identification.	<u>RC</u>
2360	1330	INDONESIA	Djakarta Commercial Station weak to fair. Must be more than 75 watts listed. Heard 3 out of 7 nights.	<u>RC</u>
2376	1000	PAPUA-NEW GUINEA	Radio Chimbu with Pidgin programme <u>AC</u> Fair. Fair with talk and music 1120 <u>LR</u> Fair at 1130 <u>JD</u>	<u>PG</u>
2490	1300	INDONESIA RRI-Makassar	? Fair with RRI identification.	<u>RC</u>
3220	1039	PAPUA-NEW GUINEA	Radio Morobe logged at good level.	<u>JD</u>
3227	0610	LIBERIA	Radio ELWA fair with programme in vernaculars.	<u>DL</u>
3245	1201	PAPUA-NEW GUINEA	Radio herema with good signals.	<u>JD</u>
3355	0725	NEW CALEDONIA ORTF	Noumea at good strength. <u>MP</u> Excellent. <u>EA</u> 0955 Good with mx programme. <u>RW</u> Good to 1100 s/off <u>SG</u>	
3408	1400	INDONESIA	Angkatan Udara fair at this time, later than WRH sked.	<u>RC</u>
3420	1300	INDONESIA RRI	Medan logged with usual RRI ident.	<u>RC</u>
3470M	1400	INDONESIA RRI	Pakenbaru good level. Not listed in WRTVH.	<u>RC</u>
3915	1730	MALAYSIA BBC	Tebrau VG with World Service until full s/off with transmitter ident 1820. <u>BC</u> Sign on at 1500.	<u>AB</u>
3925	0933	PAPUA-NEW GUINEA	VLK3 Port Moresby good. <u>RW</u> Good 1005 over JOZ.	<u>MP</u>
3945	1100	INDONESIA RRI	Denpasar fair-good with National Nx.	<u>SG</u>
3945	0730	NEW HEBRIDES	Radio Vila Exc in French. <u>JB</u> . 0750 Good. <u>MP</u> . <u>EA</u> S/off with ident in English, Pidgin & French at 0900.	<u>KB</u>
3985	1120	ECUADOR Esc.	Radiofonicas Populares, Riobamba fair with Mx.	<u>MP</u>
3990	1007	TAIWAN AFNT	Taipeh with AFRS nx and sports, poor strength.	<u>MP</u>
4770	0600	LIBERIA	ELWA good with s/on in English. Religious programmes.	<u>DL</u>
4800	0545	PERU	Unidentified Peruvian fair in Spanish to s/off 0556. Thought to be Radio 15-50, Huancayo.	<u>DL</u>
4832	0516	COSTA RICA	Radio Capital <u>PA</u> . 0639 good with music prgm.	<u>LR</u>
4865	0630	COLOMBIA	La Voz del Cinaruco, Arauca good with Caracol prgm.	<u>DL</u>
4881	0645	DOMINICAN REP.	Radio Comercial, Santo Domingo fair-good in Spanish with pops & light mx. <u>DL</u> . 0547 Poor with mx & idents.	<u>MP</u>
4870	0603	DAHOMEY	Cotonou fair with African vocals, telegraphy interf.	<u>DL</u>
4890	2030	NEW GUINEA	VLT4 Port Moresby good, later lost in noise.	<u>EA</u>
4890	0630	SENEGAL	Dakar VG in French. News 0700, vernaculars from 0710.	<u>DL</u>
4907	1935	KHMER REP.	Phnom Penh Home Service in Cambodian.	<u>JM</u>
4910	0710	DOMINICAN REP.	HIN Santo Domingo has half-hourly anncts in Spanish, English, Portuguese & French asking for reports to Apt 1220. Card verie received in 21 days.	<u>SG</u> <u>AC</u>

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITI</u>
4915	0555	GHANA	Accra with news in English 0600. <u>SG</u> News Excellent.	<u>LR</u>
4915	0840	BRAZIL	Radio Dif. de Macapa with mx and idents. Tuchscherer-NASWA	<u>LR</u>
4930	0639	DOMINICAN REP.	Radio Mil,Santo Domingo good with talks.	<u>SG</u>
4932	1110	INDONESIA	RRI Surakarta fair with national news.	<u>DL</u>
4940	0620	IVORY COAST	Abidjan fair with African vocals,French anncts.	<u>DL</u>
4950	1208	MALAYSIA-SARAWAK	Radio Malaysia logged in English.	<u>PA</u>
4953	0506	BRAZIL	Radio Cultural do Campos with talks and ident. Dexter-NASWA	<u>PA</u>
4972	0530	CAMEROONS	Radio Yaounde logged in English.	<u>PA</u>
4980	0600	GHANA	Radio Ghana,Accra fair in English.	<u>EM</u>
4985	1125	MALAYSIA	Penang in English. <u>EM PA</u> . Good with Stock Market Report	<u>NR</u>
4995	0920	PERU	Radio Andina fair in Spanish.	<u>JB</u>
5010	1345	SINGAPORE	Radio Singapore news in Chinese.Earlier English pops.	<u>RC</u>
5047	0615	TOGO	Lome very good in French. Perhaps best 60m African.	<u>DL</u>
5054	1400	INDONESIA	RRI Bandung with local programme,several idents.	<u>RC</u>
5920	1930	UKRAINE	S.S.R. Radio Kiev logged at very poor strength to 2000.	<u>MR</u>
5960	0605	CANADA	Radio Canada International Northern Service.	<u>EM</u>
5965	0956	BOLIVIA	Radio Nacional de Huanuni s/on good level over Guaiba, Brazil.Piano interval signal,frequent time checks,identification in full 1005.Programme 'Buenas Dias Bolivia' to 1045 then news prgm 'Radio Vision'.Music from 'Eddie Duchin Story' theme.	<u>DLNRJB</u>
5980	1100	MALAYSIA-SABAH	Kota Kinabalu news in English.QRM Peking 5975.	<u>KB</u>
5995	0630	UNITED STATES	VOA Greenville 500kw to Europe,good.	<u>HJS</u>
6040	1200	UZBEK S.S.R.	Radio Tashkent good in English <u>GJW</u> also 11925 and 6025 <u>MR</u> both	
6045	1115	INDONESIA	RRI Djakarta good with National programme.	<u>NR</u>
6065	0321	SPAIN	RNE Madrid fair in English to USA & Australasia.	<u>JM</u>
6070	0930	INDONESIA	RRI Djajapura good with English by Radio,Wednesdays.	<u>NR</u>
6090	0700	LUXEMBOURG	Radio Luxembourg in German with Mx & commercials.	<u>LR</u>
6170	0940	PHILIPPINES	DUH2 fair with Public Service prgm in English.	<u>JB LR</u>
6147A	0430	HAITI	4VHB with Mx & Anncts. (an interesting one,Lindsay)	<u>LR</u>
6190	2015	VATICAN	with German for Europe,English 2045. Fair signal.	<u>JM</u>
6210	0655	INTERNATIONAL WATERS	Radio Nordsee International good in Dutch with pops. <u>JB</u> 0530 Sundays,strong in English.	<u>LJ GS</u>
6900	0458	TURKEY	Turkish Met. Service,Ankara s/on,Turkish anncts and music. Followed to 0540.	<u>JM</u>
7105	2100	WEST GERMANY	DW-Cologne good in English to Aust/NZ.QRM Spain.	<u>NR</u>
7150	2030	GREAT BRITAIN	BBC World Radio Club (Thursday GMT) good.	<u>JG PG MP</u>
7170	2000	GREECE	VOA-Kavala fair with News in special English to Europe.	<u>JM</u>
7180	1800	AUSTRALIA	RA-Shepparton //9665 to Africa.Perth no longer used.	<u>BCHJS</u>
7215	2115	GREECE	Athens in Greek to Australia.Fair signal.	<u>HJS</u>
7225	0500	ISRAEL	Jerusalem has English news to 0515,then French.Suffers from strong heterodyne interference. <u>DL AC</u> Also using 9009,good <u>JB TG MR</u> also 9645, <u>VG JM DL</u> .11960 strong <u>PG GS MR LJ</u> but latter frequency replaced by <u>11705A</u> at VG level from 1 April. <u>NR</u>	
7225	1155	PHILIPPINES	FEBC Manila has news in English.	<u>AC</u>
7260	2050	INDIA	All India Radio Excellent to Australia/NZ in English.	<u>HJS</u>
9005	2000	IRAN	Teheran logged with strong signals in English to 2030.	<u>PG</u>
9410	0605	GREAT BRITAIN	BBC World Service Mx & Press Review. <u>TG</u> 2030 good.	<u>JG</u>
9505	0230	LEBANON	Beirut fair with English to USA.	<u>HJS</u>
9510	0155	NEW CALEDONIA	ORTF Noumea with poor-fair signals.	<u>MP</u>
9520	0730	PAPUA-NEW GUINEA	VLT9 fair in English & Pidgin.	<u>JB</u>
9550	0230	LEBANON	Beirut good with English Nx & Hit Parade.	<u>PG</u>
9550	0555	FINLAND	Helsinki opens with English ident,then Finnish.Fair	<u>MR NR</u>
9555	0845	UNITED STATES	UN Radio via Dixon,very good on Saturdays.	<u>PG JG JD</u>
9580	0855	PHILIPPINES	Voice of the Philippines s/on in English,fair. <u>JB</u> 0915 <u>SG</u> .1329 Ident & Sports KB.1910 English NB.Now 24 hours?	<u>JM</u>
9590	1700	WEST GERMANY	Deutsche Welle s/on in English,good // 11765.	<u>RC</u>

9590	0015	CHILE Radio Presidente Balmaceda fair in Spanish with ident.	DL
9600	0500	KUWAIT Radio Kuwait very strong in English // 15415.	GJW
9620	0758	BRAZIL Radio 9 de Julho, Sao Paulo fair in Japanese.	JB
9645	0153	NORWAY Oslo, good with 'Listeners Choice' in Norwegian, some Eng.	NR
9690	0800	ARGENTINA RAE Buenos Aires all night with Elections 13/3AC 0930	NR
9700	2130	BULGARIA Radio Sofia poor in English. BC 1934 Weak JG PG 0535.	NR
9755	0717	UNITED STATES AFRTS-Bethany excellent with Armed Forces News.	MP
9805	2200	UNITED ARAB REP. Cairo, Egypt poor in English.	JB
11720	0800	BRAZIL Radio Nacional Brasilia, Portuguese fair till Peking 0825.	NR
11735	0515	FRANCE ORTF Paris in English to Africa. Good level.	MR NR
11740	0245	SRI LANKA VOA Colombo fair in English to s/off 0330.	SG
11775	0700	SWITZERLAND SBC Berne excellent strength in English to 0730.	MR
11795	0115	SWEDEN Stockholm in Swedish to Nth America. JM Spanish 0130 fair	RC
		0200 fair in English. NR New frequency.	
11800	0315	CANARY ISLANDS RNE Relay with excellent signals to 0515 s/off. HJSM	P
11815	2205	UNITED STATES WNYW new freq. in English to Europe.	NR JM
11875	1000	JAPAN Radio Japan, Tokyo // 15235 to Aust/NZ. DX Corner, Sundays.	CC
11880	0913	ARGENTINA Radio Splendid fair in Spanish, Latin music.	NR
11900	0430	SOUTH AFRICA Radio RSA very good in English. JG 2215 s/on to USA.	NR
11905	1902	AUSTRIA Vienna new freq. in German. Good signal.	JM
11910	0300	CUBA Radio Havana fair in English, QRM Italy. 11930 heard in // at 0500 very poor MC Also noted with English Nx 0530 AC JD MP. Other frequencies: 11760 good to s/off 0600. MR. 11815 good in English. EA	
11940	0515	SWEDEN Stockholm very good in English to Australia/NZ. TG NR PG JG	
11940	0645	ROMANIA Bucharest excellent in English. MR EA KB Also 1930 good. JG	
11945	0115	CANADA Montreal fair to Nth America in English. JM. 15190 at 2315.	RC
11975	0515	U.S.S.R. Radio Moscow Nx & Comment in English to Africa.	MC
11985	1400	ALBANIA logged with good signals in English to 1430.	MR
13250V	2131	CLANDESTINE Radio Euzkadi has English s/on announcement.	SG
15105	0100	JAPAN NHK Radio Japan strong with General Service.	GS LJ
15150	0800	NORTH KOREA Radio Pyongyang with s/on. Very noisy.	SG
15155	0332	BRAZIL ZYB9 Sao Paulo fair with popular mx. QRM RA-15160.	NR
15165	0727	DENMARK Copenhagen logged with s/on at fair level.	PG
15170	0326	TAHITI ORTF Papeete with English & French pop music, fair.	MP
15185	2030	FINLAND Helsinki fair in English. PG. 1000 s/on, heavy QRM. JD. Also fair in English at 1425.	JM
15235	2318	BELGIUM RTB/BRT good strength. TG 0050 fair in English.	PG JG
15300	0800	PHILIPPINES FEBC Manila DZI9 Exc. in English. HJS. 0310 very weak in Russian.	MP
15345	0430	KUWAIT Radio Kuwait very strong. News 0500.	MR
17775	1000	INDIA AIR New Delhi excellent in English to NZ.	EA
17800	0800	NORWAY Oslo in English Sundays good. CC JG PG. Fairly strong.	GS LJ
17810	1058	MALAGASY REP. Radio Nederland-Talata fair in Indonesian.	BC
17830	1900	HOLLAND Radio Nederland-Lopik logged in English.	JD
17850	1130	ISRAEL Jerusalem fairly good in English until Paris s/on 1200.	DL
17865	0700	AUSTRIA Vienna on new freq. with splatter RA 17870, Moscow 17860.	AC
17870	0400	AUSTRALIA RA-Darwin, English to 0800. RA-Shepp here 0000-0400.	BC
17885	1900	SOUTH AFRICA Radio RSA in French to Europe. New frequency.	JM
21460	0800	GREECE Athens in Greek to Aust/NZ replacing 21610. AC RW DL JM	BC
21515	0000	PHILIPPINES FEBC Manila DZI9 Exc. in English. GJW. 0400 English Nx.	
21545	0800	SOUTH AFRICA Radio RSA English to NZ. RW Replacing 21520 which had been logged by SG MR EA JB PG	
21730	0445	PAKISTAN English Nx at good level. New 250kw tx at Islamabad?	BC
25630	0800	FRANCE ORTF Paris VG in French to Africa.	BC JL

Thanks to all contributors this month...another record effort.

CONTRIBUTORS LIST...SEE PAGE 11

ARTHUR CUSHEN'S SHORTWAVE REVIEW

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Transmissions beamed to NZ from Greece and South Africa have undergone frequency changes this month, while the broadcasts from Canada have been re-timed as far as signoff time is concerned. Signals from Latin America are on the improve during our afternoons, but repeated disturbed reception around the 20th of the month has severely hit high frequencies, and it is estimated that these storms, which occur every 27 days, are of severe magnitude at present. On the other hand, low frequency reception in the 120 and 90 metre bands has been outstanding. All times GMT, add 12 hours for NZ time. Frequencies in kHz.

AUSTRIA Vienna is using a new frequency to South Asia, 17865 heard 0700 GMT and presumed to replace 21720kHz. On 9770 Vienna opens at 0900 mixed with Bonaire until the latter signs off at 0920. Another good signal is 11905 noted to signoff at 2050 GMT.

BANGLADESH Dacca 17690 and 15450 both heard in English at 1230 GMT.

CANADA CBC advise by cable that South Pacific service will now signoff Mon-Fri at 0926 and on Sat-Sun at 0931 GMT. Transmission opens at 0830 daily and continues to use 5970 and 9625kHz. 11935 has been replaced by 6125 for the 0655-0800 transmission. The 1345-1445 service is on 11865 replacing 11875kHz.

CUBA Havana heard in English on 11910 at 0530. Scheduled 0100-0600 here.

DOMINICAN REPUBLIC HI1N 4910 is now operative all night and has been heard at 0800 GMT. Announces in French, German, Spanish, Portuguese and English and asks for reports to Apt.1220, Santo Domingo. Card verie received in 3 weeks.

ECUADOR Some recent changes by HCJB: 11890 heard opening in English at 2035 French at 2045, German at 2100, replacing 11860 which suffered interference from CBC. Operating on 21460 to Europe 1630-2030. 0530-0715 9710 replaces 9720 and 2200-2400 11915 replaces 11810kHz.

FRANCE ORTF Paris on 6030 opens in French at 0500, English 0515-0545. This new frequency suffers co-channel interference from Stuttgart.

GERMANY Deutsche Welle in English to the Pacific 0920-1020 is using 11795, 11850, 15185, 17800, 17845 and 21560 and through Kigali on 17780 and 21540kHz.

GREECE Athens has changed its frequency to Australasia from 21610 to 21460 from 0800-0950 GMT. They are also heard on 7215 with the interval signal at 0515. VOA Kavala 6095 opens at 0500 but at 0600 is mixed with Warsaw. Another frequency, 6160 is heard with English news at 2200.

ISRAEL Jerusalem is now heard with 3 English transmissions: 0500-0515 on 9645, 9009, 7225. 1130-1200 on 17850, 15165, 11705. 2035-2115 on 9009, 9625, 11960.

PAPUA-NEW GUINEA By the end of the year there will be 19 stations operated by the Australian Administration as well as 6 ABC medium wave stations and 2 SW stations. Together these will form the Papua-New Guinea Broadcasting Auth.

PERU Radio Atlantida on 4780kHz now signs off at 0602 GMT.

PHILIPPINES FEBC Manila 7225 noted with English news to 1200 then gospel programmes.

SOUTH AFRICA RSA to NZ has changed frequency from 21520 to 21545 for the transmission 0756-0850, and to Australia 0856-0950 21525 is replaced by 21545. The other two frequencies 15220 and 17815 are unchanged.

VATICAN The English transmission to UK on 6190 heard in English 2045-2100.

VIETNAM Saigon Home Service observed on 4877 around 1200 GMT, while the same programme can be heard on 9620 around 1000.

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Founded 1948

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..sign-off.

RADIO MOGADISHU, SOMALIA is to inaugurate a new 50kw SW and 75kw MW transmitter, the latter meaning a new country for BCB enthusiasts. Present frequencies are 6095, 7120 with 50kw, 9585 with 5kw. The other Somalia station RADIO HARGEISA will soon inaugurate a new 25kw SW transmitter to supplement its present 10kw on 7160 and 5kw on 11670kHz.

"DX Corner Belgium"

BBC SUPERPOWER IN THE AMERICAS?

According to 'DXclusive', the BBC and Deutsche Welle are jointly building a 250kw relay station on Antigua in the Caribbean-completion due for 1973. A report in 'DX Corner Belgium' indicates MW will be used.

FCC REGULATION CHANGES mean that US radio and TV stations are no longer required to identify themselves within 2 minutes of every half-hour, but should do so hourly and at natural breaks in programme.

RADIO TASHKENT is offering a station pennant to DXers who send in 10 reception reports during 1973. This tip from John Watson & Michael Cole.

RADIO FINLAND LETTERBOX COMPETITION

Listen to English transmissions from Helsinki on 29 April & 6 May for a test of your knowledge of Finland. Records & books for the winners. Best bet for reception is 15185kHz at 1800 and 2030 (Monday morning NZ Time).

DUBAI BROADCASTING STATION inherited the British controlled "Voice of the Coast" when the British withdrew from the Persian Gulf. 'Technical improvements due for completion February 1973 would boost the station's power to about 200kw', the Director, Mr Riad Shuaibi said. By end of the year new transmitters would be added to bring the total power to 800kw.

Kuwait Times 9/1/73 thanks to SRK.

COMMONWEALTH REPLY COUPONS are NOT redeemable in the following countries:

- Australia, Canada, Jamaica, Lesotho, Norfolk Island, Pakistan, Papua/New Guinea, Singapore, Sri Lanka, Tortola (British Virgin Islands), Trinidad & Tobago and Zambia. Thanks to NZPO for info.



Haven't
I seen
that face
before,
somewhere
???

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