

# MONITOR

OFFICIAL JOURNAL OF ISWL



*Issued monthly to members*

JUNE 1967

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# League Supplies

*These are available to Members by return of post.*

*The prices include postage and packing.*

**Members' Stationery:** Headed notepaper printed with the League emblem and title in green on white bond paper.

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**League Ties:** 100% Terylene neckties featuring the League emblem tastefully on a dark blue background.

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Price £1. 15s. 0d. (U.S.A. \$5.00).

**Car Window Stickers:** Approx. 3 ins. diameter, featuring the League emblem maroon on white.

Price 1s. 6d. each or four for 5s. 0d.



# MONITOR

JOURNAL OF THE INTERNATIONAL SHORT WAVE LEAGUE

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Volume 16, Number 6.

June, 1967.

## CONTENTS

New Members	...	...	...	...	178
Amateur Bands Review	...	...	...	...	179
V.H.F. Bands	...	...	...	...	197
Transmitting Topics	...	...	...	...	198
Meet our Members - Ellis Clarke and Peter Schwierz					200
The Broadcast Bands	...	...	...	...	201
ISWL Broadcast Bands Contest 1967 - Results				...	209

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"THE BROADCAST BANDS" As members of long-standing will know, "The Broadcast Bands" has been a regular feature in Monitor since the magazine was first produced in 1952. Only in one isolated month did the article fail to appear but the apparent stability of the series is very deceptive. Editors of "The Broadcast Bands" have come and gone rather more frequently than those of other regular articles and the present Editor's stated intention of resigning from his position in the very near future has brought the difficulties out into the open once again. The truth is that "The Broadcast Bands" is very poorly supported by the membership and only the sterling efforts of a few regular contributors have saved the articles from ceasing long ago. If last year's Monitor survey was an accurate guide - and there is no reason to suppose that it was not - there must be hundreds of League members who are interested in the broadcast bands and who presumably read the articles in Monitor. However, a month in which there are twenty reporters to "The Broadcast Bands" is certainly quite exceptional and some months the number of reporters does not reach double figures. There is much work involved in writing the articles and one can fully understand why an editor, who receives no pay for the job, gets despondent over such lack of support and realises that his time could be better utilised doing other things. The situation will not improve until more members send in their loggings and news to "The Broadcast Bands". At the present time the possibility that "The Broadcast Bands" articles will have to be discontinued certainly exists.



NEW MEMBERS

Welcome to the following members who joined us during April:-

G12438	E.W.L.Brownjohn, G8AJ, Lymington.	G12450	H.Kemp, Wigan.
G12439	M.Harris, London	VP5-12451	R.C.Strong, VP5RS, Turks & Caicos Is.
G12440	D.Fowler, Harrow.	G12452	W.H.L.Gostling, London.
G12441	D.N.Henbrey, Rye.	G12453	J.H.Sayler, Peterborough.
G12442	R.A.Knights, Luton.	G12454	L.R.Moore, G3VTH, Leeds.
W4-12443	K.Neighbors, W4HHN, Garner N.C.	G12455	G.D.Kidd, London.
G12444	W.J.J.Duvall, Plymouth.	G12456	I.F.Thorpe, London.
K6-12445	T.F.Baxter, K6SDR, La Mesa.	VE3-12457	T.Stewart, VE3EVU, Hamilton.
G12446	Ald.J.P.Smalley, Newcastle- upon-Tyne.	DL12458	K.Boss, Heiligenhaus.
G12447	N.Shield, Barnard Castle.	W3-12459	T.L.Auth,Jr., Washington, D.C.
W9-12448	M.Sicher, Hoffman, Estates, Ill.	9H1-12460	M.L.Richards, Luqa.
G12449	A.F.Royall, Redditch.	G12461	F.Garrett, Liverpool.

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HOLIDAYS. The Hon. General Editor will be abroad on holiday from June 11th to June 24th, 1967. Arrangements have been made for the July edition of Monitor to be edited at League Headquarters in his absence.

COMMERCIAL STATIONS. Whereas in the British Isles it is illegal to listen to commercial stations (otherwise known as "utilities") listening to them in other countries is quite a popular aspect of short wave radio. Our member Charles M. O'Brien (W2BQS - FP8AS) asks for information about the locations of various CW stations he has heard. This information is obtainable from publications issued by the International Telecommunications Union. No doubt the books concerned are available in the United States but we at HQ do not know to which address Charles should write.

MP4TBO GOING QRT. Our member Roger Baines, MP4TBO, advises us that he will be going QRT from Trucial Oman from 26th June, 1967, and anyone who needs a QSL should then contact him at "Moorfield", Hardstoft Road, Pilsley, Chesterfield, Derbyshire, England. During his three years as MP4TBO Roger had 20,000 QSO's with amateurs in 250 countries. He used a KW2000 and FL100 Linear to a TA32 and G8KW Trap dipole. We look forward to seeing you in England again, OM.

TAPE SECTION NEWS. Two new members have joined the I.S.W.L. Tape Section during the past month. They are R. Arnold, 42 Cressex Road, High Wycombe, Bucks., who is G-11397, and Edward Hamill, W6-6963, 12 Rosalita Lane, Millbrae, Calif 94030, U.S.A. Mr. Arnold has a stella 4-track recorder, with  $1\frac{7}{8}$  and  $3\frac{3}{4}$  ips speeds; he is aged 16 and has varied interests. Ed Hamill uses an Ampex 4-track stereo recorder with three speeds. He is aged 27 and is interested in stamps, card swapping and amateur DXing. Des Hoddinott, G-12072, has changed his address and now resides at 4 Grandridge Close, Fulbourne, Cambridge. Further information about the I.S.W.L. Tape Section can be obtained from the Manager, Mr. Bernard Hughes, 65 Flag Meadow Walk, Worcester, England.

(continued on page 210).



# AMATEUR BANDS REVIEW

Editor:-  
Hal Burton  
G-9653

## LOGS SECTION.

10 Gray Avenue,  
Murton, Seaham,  
Co. Durham.

Welcome once again to another edition of Band Review, and a special welcome is extended to another member of the Henbrey family, in this case David Henbrey, G-12441. I am not sure of the relationship, but he has a very good teacher in the shape of Norman G-11195, who is a consistent reporter to this section with many excellent entries to his credit. VK5-12245 Ernie Luff is another new member who hails from Elizabeth Vale in way down under, whilst D.R. Varley G-12425 is an even newer member from the heart of England (well almost anyway!) in Edwinstowe, N<sup>r</sup>. Mansfield. That place, if my memory (and education) serves me correctly, is where our friend Robin Hood made merry, and I should say that communications have progressed quite a bit since the "message tied to the arrow" method! For local calls though, I think their method was more reliable than the present day telephone. Enough chit-chat, as we have a fair number of reports to get through, so let's get straight into gear with.....

### 1.8 - 2.0 mc/s.

If 160 metres had opened out at all this year, I think we could safely say that it has folded up again, because apart from the local stuff there is really nothing at all of any interest. Charles M. O'Brien, W2EQS - FP8AS raises a very topical point here when he suggests that the minimum of 200 miles from ones QTH limit should be raised to 1000 miles. He states that even 500 miles is considered local over in the States for Top Band work. Well, Charles, the trouble here is that we try and cater for our members on an international level, and 200 miles is pretty good on AM in Europe just now. Perhaps a request for State-side reporters to apply a minimum of 1000 miles would be more feasible?

David Ansell, G-10973 cw. G3UVZ Lancs, am GW3UUZ. ssb. G3BA, G3UDA Salop, G3UGF/A Lancs, G3VAB/P, G3WBP Devon, G8DF/M, G3SVK Unst daily at 2030, GM3TMK, GW3VPL.

Bill Cook, GW-11741. am. G3GJL Worcs.

Richard Nettleton, G-12362 am. G3ECU Wilts. ssb. G3RWB Kent, G3SGR Sussex., G3VOK Guernsey, GI6TK Down, GM3SVK, EI4AN Cavan.

Eero Pesonen, OH-10897 cw. DL1FF, OL2AGU, OL1AGT.

Trevor Pinch, G-12133 cw OK2BPF. ssb. GW3NLC Brecon.

Glyn Redhead, GW-9953. cw. GI3FFF, GI5DX. ssb. G3VOK, GM3SVK 2359.

Allan Robertson, GM-12306. ssb. G3LIV, G3MMN, G3NNY, G3RXH, G3UGF.

Geoff Ruck, G-12358. am. G3PYR/P Forest of Dean, GW3UMB. ssb. GM3TMK, GM3BQA, GW3JEH/A, G3SAW Norfolk.

Graham Taylor, G-12063 am. G3SZF, Herts. ssb. G3VCH, G3VCG Essex., GI6TK Down, GM3SVK, GW3NLC Brecon.

Jurgen Ulbricht, D1-12260. cw. G2SYS, G3RGA, G3VES, GW3HVM, OK1AMI. ssb. GM3SVK.

Members are reminded that stationary for sending in reports or other information to the Review Sections is available free of charge from my QTH. Form no.1 is for Logs section, no.2 covers DX information or queries, no.3 for submitting tables entries and no.4 deals with news of a general nature. Send a large self-addressed envelope bearing an 8d stamp (or 1 IRC if residing outside of the U.K.) for a six-month supply to:- Hal Burton, G-9653, 10 Gray Avenue, Murton, SEAHAM, Co. Durham.



3.5 - 3.8 mc/s. (3.8 - 4.0 mc/s U.S.A.)

DX is still around on 80 metres at certain times, as can be seen in the following logs. For the most part though, it is a band which is not very well covered by our members at the moment.

Bill Cook, GW-11741. ssb. VE1MQ, VE1WH, W3NQB.  
Norman Henbrey, G-11195. ssb. CN8AW, W1FZJ/KP4, ZL3AAD, ZL3RJ, ZL3WT, ZL4LM, 3B1EX.  
Eero Pesonen, OH-10897. cw. W2JKE. ssb. VS9ALV.  
George Preuss, GW-7796. ssb. VE1FG, VO1CX, VO1EE, VS9ALV.  
Colin Squires, G-11571. ssb. EP2GI, ZL4LM.  
Jurgen Ulbricht, DL-12260. cw. OK1ALJ, UC2KAB, UC2KBC, YU1JCF. ssb. CT1EB.  
David Whitaker, G-10058. ssb. KZ5BX, TI2NA 0407, YV5BTS 0450.  
Ray Williams, G-11051. ssb. W3KVT/P/HK1.

7.0 - 7.1 mc/s. (7.0 - 7.3 mc/s. U.S.A.)

Conditions very similar on 40 metres as for the preceding band, with a little more coverage given to it by our members. SSB is coming up fast on this band as the number one mode for operating.

David Ansell, G-10973. ssb. CN8AW.  
Norman Henbrey, G-11195. ssb. CN8BV, HK3BEJ, JA2BAY, PY2EGA, PY7ARJ, PZ1CF, UA9BE, YV1PW.  
Richard Nettleton, G-12362. ssb. K4TNN, UD6BV, UW9AF, W1FZJ/KP4, W2HWK, W3BMS, YV1PW.  
Eero Pesonen, OH-10897. ssb. PY7BON.  
Trevor Pinch, G-12133. ssb. VK2AVA, VK3ZL, YV1BI. cw. KV4AZ, PY6XJ.  
George Preuss, GW-7796. ssb. CN8AW, PY1CWY, PY1MIN, PY2EAD, PY4BLH.  
Glyn Redhead, GW-9953. am. F8DEC, GM3RFR.  
Colin Squires, G-11571. ssb. TI2NA, VK3AC, VK5RN, VP6KL, W1FZJ/KP4, YV1BI.  
Jurgen Ulbricht, DL-12260. cw. K1AJ, UH8CS 2239, UQ2GG, PY1SJ, PY6XJ, 4X4XM.  
John Warren, W1-6161. am. VP2DC. ssb. HC1IG, HI8XAL, JA2BAY, JA2BTV, JA8BMT, JA8COE, JA9AAV, KH6FC, KH6EII, KL7GAC, LU1DZK, OA4NXS, OK1MP, U5ARTEK, VE8BN, VK1AU, VK6RX, VK7SM, VP1HR, VP2SAB, 4M4A.  
David Whitaker, G-10058. ssb. EP2GI, OA4SO 0458, PZ1CF 2120, WB6PNZ 0514, YV1BI, YV1PW 0530.

14.00 - 14.35 mc/s.

Carrying the bulk of the traffic as usual, 20 metres is still leading the field over the HF bands, although it is being closely pursued by it's rival at the moment - 15 metres. Plenty of DX around, and lots of interesting calls cropping up to keep the DX and the prefix hunters happy.

David Ansell, G-10973. ssb. FG7XX, JA1AEA, JA3BN, JA9IL, KH6BX, KR6MB, VKØCR, VK2LX, VK2NI, VK3AHP, VK3AZP, VK4FA, VK5CV, VK6PD, VK6KK, W2PJI/m, XW8XA, ZS6VAD, ZL1AAP, 5T5KG.  
Joe Arpagaus, HB9-8706. ssb. FL8AO, KL7FBK, JA1KPA, JA1AEA, VK2APC, VK4PJ, VK4SD, VP6WR, XE1DDP, XE1GP, XE5YV, XW8CC, ZD7KH, ZL1ABO, ZL2AAQ, 3V8BZ.  
Bill Cook, GW-11741. ssb. CR7AP, JA3LGG, JA6AK JA6ARM, KL7EBK, KM6MB, KR6MB, KV4BW, UA9KDL, UH8HD, UL7BU, VK5HV, VP2LS, VQ9HJB, VS9ALV, WA8SVO/VP9, XE1DDP, XW8CC, ZL3MN, ZL3TD, 5H3JL, 9Y4LR.  
Eskil Eriksson, SM-5852. ssb. KØOXV/CEØA, HL9TC, KH6FRN, KL7FLB, KS4CC, PJ2CT, VK7RX, VP2GAR, VP2SAB, VP8FL, VP8IU, 5H3KG, 5T5KG, 3V8BZ.  
Stew Foster, G-10173. ssb. DU9FB, EA9EJ, FO8AB, HS4AK, K8VWM/KG6, KC6BW, KH6CD, KJ6BZ, KL7OJ, KS6CL, LJ2X, PJ2CT, UA1CK/JT1, UJ8AC, VP2AA, VP2GZW, VP2LS, VP2SAB, VQ9G, YK1AM, ZD7KH, 3A2CP, 3V8BZ, 6O1AU, 8R1S, 9F3USA.



14.00 - 14.35 mc/s. (Continued)

- Richard Harris, W5-10353/5. ssb. FG7XL, FO8AB, HC2CC, I1AA, OE3SBW, UQ2KFG, JA8AA, UR2AR, VK8AV, YK1AA, YO9AFT, YU2NFJ, ZF1GC.
- Ralph Hartman, W9-11603. ssb. CN8FV, CP8AB, CR5SP, EA8CE, EL20, FO8AG, FR7ZD, JT1KAA, KB6CZ, KG6SN, KS6BV, TR8AD, TU2AB, TU2BD, UR2KAA, VK2BK, VK3TL, VK4JI, VK4VX, VK7GK, VK8AV, VK9DJ, VP2AZ, VP2LS, VP2NH, VP5AB, VQ8AX, VR2CC, VS9ALV, ZD7KH, ZK1AR, 3C3FJZ/SU, 8R1G, 9Q5EP.
- Norman Henbrey, G-11195. ssb. FO8AG, HS1WF, VP1LB, VP8IU, ZD7IP, ZS8L, 3B8BZ, 5T5KG, 8R1C.
- David Henbrey, G-12441. ssb. CR4BC, CX4AW, CX9AAN, HI8LAL, HK3LT, HR1KAS, HV3SJ, JA1AEA, JX3P, KA2JP, KH6FIL, KH6FRT, KL7SBK, KP4AST, LU7ABV, MP4BEU, MP4TBO, TR8AG, UA1CK/JT1, UA/AI, VP8IU, VP8AO/OK, VQ9GF, VS9ALV, VU2DKZ, W4UAF/KW6, W7BTH Oregon, XW8AX, YS2CS, ZD7IP, ZL1AQE, ZL2JB, ZP5CF, 3V8BZ, 5H3JR, 5T5KG, 7XØAH, 8R1C, 9Q5HF, 9X5CE.
- Robert Hill, G-11968. ssb. CX2CO, HK3LT, HS1CB, KH6FRT, KL7EBK, MP4TBO, PY7AKW, VKØCR, W6AOA, XE2VY, XW8AX, YV5AIP, ZL4BX.
- Ernie Luff, VK5-12248. ssb. DI2LE, EA8CB, EL8B, EP3AC, FH8CD, FL8AO/P, KØOXV/CEØA, LX1DE, LZ1BZ, OY7ML, PJ2LI, PJ5CE, PZ1BW, TF2WKH, VP2SAB, VP5RB, VP7DL, VR1C, VR3L, VP8HZ, VK3AHI/9, VQ9AA/D, VQ9AA/F, YU2NFJ, YK1AA, JT1KAA, ZF1GC, ZD3F, ZS9D, ZL1AI, 601AU, 9U5BD, 9H1HB, 9N1BG.
- Arthur Miller, G-5218. ssb. FG7XX, HC2JA, JA3BN, K8NHW/XV5, KØOXV/CEØA, KH6FIL, KL7EBK, MP4MAY, PX1PA, UM8FZ, UWØAA, VK7GK, VP2SAB, XE1CCC, YS2MG, 3V8BZ, 5T5KG.
- Richard Nettleton, G-12362. ssb. DU1FH, EP2AX, JA1CYU, JA6AD, JX5AK, KH6FRN, UT5BZ, MP4BDL, MP4BEU, MP4BGL, MP4TBO, PJ2CT, VK7GK, VQ9G, VS9ALV, W4UA/KH6, W7BQI/KH6, YS2CS, YV5AS/6, ZE1AE, ZE2JE, 3A2CP.
- Eero Pesonen, OH-10897. cw. JA7FS, JAØAZ, SVØWLL, W6GTI, YV5BHL. ssb. HS4AK, JA1AEA, KR6MB, KW6EJ, KZ5KF, PY2HY, PZ1BW, VK2FU, VP5EB, SVØWL, ZP3CD, ZP5JB, 9K2AM, 9M6JB.
- Trevor Pinch, G-12133. ssb. EA9EJ, KS6CJ, TU2BD, VP8IU, ZD7KH.
- Vernon Porter, G-7444. ssb. W4UAM/Honolulu, XW8BAS, XW8BAZ.
- George Preuss, GW-7796. ssb. CR5SP, EP2BI, HS4AK, VK5AL/VK7/m, VK7SM, VKØCR, VQ8AX, VQ8CC, VQ9HJB, VU2QS, VU2TN, W4UAF/KH6, YA1HD, ZL1OY, ZL3NS, 5H3JL, 7XØHA, .
- Josher Purfield, EI-8700. ssb. DU1FH, FO8BS, FG7XL, HKØAI, HR9LB, LU8FDO, M1B, TG9AD, VP8HZ, VP8IU, VP8JC, VQ9EF, XE2IW, XE2HF, XP1AA, YK1AA, ZL2LH, ZP3AL, ZS9D, 5T5KG, 5R8AZ, 9M6JP.
- Glyn Redhead, GW-9953. am. SU1RA. ssb. CR5SP, FG7XL, FO8AG 1659, HM1BB, HS4AK, 1555, JA1AEA, JA6BEE, MP4MAY, MP4TBO, OA4CF 2312, UWØAA, UAØAI, VQ9HJB 1943, VU2DKZ, 5D9AM, ZP5JU, 3A2MJC, 5T5KJ, 9Q5QR, 9V1MY.
- Louis Rybroek, PA-11356. ssb. CE2AA, FH2CE, FL8RA, HI8XTM, HZ1AT, 12LAG, I3CTL, I3CWX, 14LCK, I6KDB, I8JT, I9FLD, JA9IL, PA9CM, VK9GN, VP2AA, VP2GZ/I, VQ9G, VU2DKZ, 3V8BZ, 8R1S.
- Allan Robertson, GM-12306. ssb. CR6IS, HI8LAL, HS1CB, KL7VYS, TG9AD, VP5AB, VU2CK, VS3SL, ZL1APZ, ZP3KT, ZP5CF, 6Y5A, 9H1AM, 9H6JP, 9Q5EP, 9U5BB, 9V1MD.

Don't forget to send your log entries to reach me by the first post on the 5th of the month, or the 4th when the 5th falls on a Sunday. Log sheets only to my QTH please, as other material has to be re-directed and may not therefore meet the deadline.

Klaus Schenk, DL-11712. ssb. DU9MVC, FL8RH, HH9DL, HL9TE, HM1BB, HP1JC, HR1KAS, K7UAE Idaho, K8NHW/XV5, KG6AAG, KH6IJ, KS6CJ, OA4BS, SU1KG, VU2FM, W7AH Ariz., W7ANW, XW8CF, XE1YG, YK1AA, ZD7IP, ZF1RD, 3V8BZ, 5T5KG, 5VZRQ, 5X5FS, 6Y5GG, 7Z3AB, 9M2NF, 9Y4TX.



14.00 - 14.35 mc/s. (Continued)

Peter Schwierz, DL-8913. ssb. EA9EJ, FY7YM, HC6GM, HM1BB, ., HR1KAS, HS1HL, KC6BW, KJ6BZ, PJ2CE, UJ8AC, VP2MH, VQ9G, VU2FN, VU2DKZ, XE1CCG, ZD9BE, 3V8BZ, 4W1L, 5T5KG, 5VZ8RQ, 9M2AV, 9M2NF, 9V1NV.

Syd Smith, G-8350. ssb. KL7AM, KW6EJ, KX6BQ, YK1AM, YV5PX, 5H3KJ, 5Z4JR ZL1GG.

Don Smith, W1-8952. ssb. HBØLL, KW6EJ, PJ2MI, UB5ND, UD6BR, VP2SAA, YO2BB, ZK1AR, 7Z3AB.

Colin Squires, G-11571. ssb. DU9RT, EA9AZ, FO8AB, FO8AG, HS4AK, KJ6BZ, KS4CC, PJ2MI, UA1CK/JT1, VP2VZ, WA6ZAD/KP6, ZD5R, 3V8BZ, 4M4A.

Sid Stephenson, G-5910. cw. LU2EN, OHØNM, UAØIF, VK2BRJ/9, VK7LJ, VK8NO, YS1MS, CR4BC, CT1EE, EA7GS, HR2BK, 19RB, KH6BFU, KH6FIL, KH6FRN, KV4BW, KZ5NH, UN1AB, KS4CC, TG9EP, VK5HB, VP2AZ, VP2SAB, VP3DNW, VP5RX, YS2CS, 3V8BZ.

Buck Taylor, ZS1-10175. cw. FO8BU, G3HDA, G3KMA 1856, G6KQ, HBØMB, KP4UW, LU2ZI, PZ1BI 2109, UAØFF, VE7HQ, VP8JD, ZS2PB, ZS3XG, ZS5AW, ZS6D, ZS8L, 3C3ES, 5T5KG, 6W8DW, 9V1NT.

Graham Taylor, G-12063. am. 3A2CQ. ssb. JX5AK, UA1CK/JT1, UI8MN, VR1C, XE2IH 0812. 9M2NF.

John Tozer, G-12206. ssb. DU8RP/P/7, 1608 16th, FO8AG, KØØXV/P/CEØA, TU2BD, UJ8AC, UO5WS, YK1AA, YN6MBT, 3V8BZ, 4S7PB.

Jurgen Ulbricht, DL-12260. cw. PY2GDB/Ø 0020 17th, UJ8AB. ssb. CR4BC, EA8FG, FY7YM, PX1PA, VP8IU 22nd 2050, VQ9HJB 1805, XW8AX 1917 22nd, YK1AM, 5Z4IR.

Roy Waite, W2-4640. ssb. HM1BB, JT1KAA, K8HNW/XV5, KC6CL/KC6, KG6SF, UA1CK/JT1, UAØNM, VKØGP, VR30, 3A2MJC, 9M6JP.

David Whitaker, G-10058. ssb. FL8RA 2323, HS1CB 1917, UWØAA, VK9DJ, VP1LB, VP8FL, VU2DKZ 1715, 3V8BZ, 9X5SP.

Stan Whiteley, G-6333. ssb. TR8AG, VK9XI, VP2SJ, ZS3BP, 5R8AZ.

Ray Williams, G-11051. am. ZL1AI 0650. ssb. CR5SP, FP8CY, FY7YM, TN8AA, TR8AG, UAØNM, VP8FL, 5T5KG.

John Woodham, G-6986. ssb. CEØAI/mm, FG7XL, HS4AK, JA9AG, UA1CK/JT1, KH6FRT, TU2AY, UAØAI, VP2MH, VU2DKZ, YA1FV, ZD7KH, 3A2MJC, 3V8BZ, 5T5KG, 9M2AV, 9V1NV.

21.00 - 21.45 mc/s.

Following closely on the heels of 20 metres, 15 metres is very much alive with DX from many corners of the globe. Although it used to be the best band for AM activity, this place is now being taken over by 10 metres, although some of the members may not agree with this statement. When examining 15 metre activity over the last two or three years, however, there is no doubt that SSB is playing an ever increasing part on it, at, I believe, the expense of AM operations.

Joe Arpagaus, HB9-8706. ssb. CR4BC, KX6GR, JA1LOU, JA2BLG, JA3LVA, JA4AFT, JAØ AXG, MP4TBO, TF2WK, TU2BD, WA6EKL, 9U5BL, 9V1FF.

Bill Cook, GW-11741. am. JA6FFO, 9G1SL.

Eskil Eriksson, SM-5852. am. TT8AB. ssb. FH8CE, KS6BT, KV4FA, TU2AY, VP5CH, VS6FZ, 9M6MG.

Stew Foster, G-10173. ssb. HZ1KE, VS9MB, WØICJ/KM6, 9V10A.

Ed Hamill, W6-6963. ssb. DL9EX, G2DMR, G2QT, G3AAM, G3AOF, G3EBK, G3VSH, GB3SET, GM3PEA, OH2HC, SM7CRW, ZS6ALN, 5A4TR, 5Z4AA, 7Q7EC.

Ralph Hartman, W9-11603. ssb. CP5BH, DJ1KM, DL1RA, DL1UX, DL5IN, DL5IS, DL5KU, .

Norman Henbrey, G-11195. ssb. CR4BA, HL9KQ, KV4FA, PZ1BX, TN8AA, TY5ATD, VR6TC, VU2JM.

Robert Hill, G-11968. ssb. HI8XAL, HL9KQ, JA1PTI, KB6CZ, KL7FSU, KX6DQ, VK5BB, VS9ALV, VU2JM, WB6RMZ, ZL2BE, ZP5JB, ZS6ADF, 4X4JU, 9M2DX, 9M6JP, 9V1CN.



21.00 - 21.45 mc/s. (Continued)

Arthur Miller, G-5218. am. VP2DAA, ST2SA, 9U5CM. ssb. CX9AAN, HZ1AT, JA1NUH, KV4EQ, VS6FZ, ZL3RB, 5LA2FD Liberia, 9G1GA.

Richard Nettleton, G-1362 ssb. W6ZWK, W00QX, 5Z4JZ, 9Q5CZ.

Ed Paterson, G-8604. am. CE3IY, CO6JM, CR6CI, CR6EO, CR6IF, CR6JT, CX4AAW, CX8CZ, CX8XD/mm, FG7XE, FY7YC, HI8PRF, HK4AIA, HK4AQW, JA1EAM, JA1GDT, JA6TFO, JA9BTW, OD5CX, OD5ET, PJ4AE, PZ1BO, SU1IM, TI4FCH, TN8BK, TT8AB, TU2BA, VP2GW, YV1AN, YV5IH, ZC4MO, ZE6JL, 9L1MP, 9Q5KJ, 9Q5NN, 9Q5RT, 9Q5WA, 9Y4DS.

(quite a fruitful 12 hours worth OM. All AM too!....Ed.)

Eero Pesonen, OH-10897. ssb. JA4VX, KH6CH/KW6, ZL3DX.

Trevor Pinch, G-12133. am. TT8AB, 6W8DD. cw. 6W8DD. ssb. KB6CZ, KH6CH/KW6, XW8AX, ZP5JB, 9V1MY.

Vernon Porter, G-7444. ssb. EQ2CF, JA3JXT, HB9FU, KH6BB, KV4AR, SV0WV.

George Preuss, GW-7796. ssb. JA0PX, KB6CZ, KC4USB, VK3ABA, VK7RX, VK5BB, VP2GW, VP9FR, ZL2BE, ZS8L.

Joseph Purfield, EI-8700. ssb. KH6CH/KW6, KR6AB, KX6BU, OA4JR, VK8KU, VR6TC, VS6FZ, XE1C, ZL3JO, 6O1PF.

Glyn Redhead, GW-9953. cw. UA9KAB, UF6LA 1157, WN1GSO 1147.

Louis Rybroek, PA-11356. ssb. EL9A, 17AA, MP4TBO, YA1DAN, 4M4A, 4M5A, 5T5KG.

Allan Robertson, GM-12306. am. CR7GR, 9H1H, 9K5PT. ssb. JA1UHL, YV3KV, 5A3TZ.

Klaus Schenk, DL-11712. ssb. CR4AA, HM1BB, K7HDW Idaho, KP4CRD, KW6EJ, KX6DR, MP4TBO, TU2AY, VK5WO, 9G1DY, 9Q5SS.

Peter Schwierz, DL-8913. am. FR7ZG, PJ4AF, TT8AB. ssb. HC1DX, HL9KF, JA0PX, JH1AGH, KH6FRT, KH6CH/KW6, KS6BZ, XW8AX.

Syd Smith, G-8350. am. FG7XY, ST2SA, VS9ALV. ssb. CE3UQ, CP6GZ, KG4AS, KP4MJ, VP7DL, ZS6AD, 5T5KJ, 6Y5PF, 9G1GA, 9Q5FV, 9M2NF.

Don Smith, W1-8952. ssb. CN8FV, CP6FE, F9KF, G3RHM, GW3DJL, GW3NWV.

Colin Squires, G-11571. ssb. KH6CH/KW6, KH6FRI, KS6BZ, VS9MB, ZD7KH, 4W1G, 5LA2FD, 5R8AS, 6O1PF.

Sid Stephenson, G-5910. cw. CR4BA, LU5AES.

Buck Taylor, ZS1-10175. cw. CR5CA, EA4JG, F3KR, G3VSC, GM3PGO, HI7MRC, JA1QCA, .

JA4DSC, KH6FRF, ON4CB, VE1ANS, VK2PV, VS6FX 1420, WA6EPQ 1537, W8AYL 2141, 9Q5SR, 9Q5SS. ssb. G3AS 1635.

Graham Taylor, G-12063. am. FG7EY ssb. CX5AAN, HL9KQ, KB6CZ, KH6AHL, UL7JA, VQ9EF, W0ITS/P/KM6, YA1FV, ZL3RB, 9M6MG 1654.

John Tozer, G-12206. ssb. KH6FRI, VP2SM, VS9MB, 5LA2FD, 9M2NF, 9M6MG, 9V1FF.

Jurgen Ulbricht, DL-12260. am. CE3IY. cw. CE3JP, FG7TC, UA0LL, ZB2AM, 5T5KG, 9L1MP. ssb. VP7DL, XE1KKV, YA1HD, ZP2AB, 4U1SU.

D.R. Varley, G-12425. ssb. 17AA, UW3CX, XW8AX, 6X0AG, 9Q5FV, 4X4DK.

Roy Waite, W2-4640. am. DM5HN, LJ2X, SP4ANO, UQ2IQ, ssb. I9RB, JA3KGC, UA9KCE, 9V10A.

David Whitaker, G-10058. CO2QV, HL9AQ, HH9DL, HS3NT, KX6DQ, VS6FZ, VS9MB, XW8AK, ZD8JES. ZS3BP, 4W1L, 9M2GJ, 9M6GP all ssb.

Stan Whiteley, G-6333. am. FG7XV, VP6BW. ssb. FH8CE, HI8XAL, JA1DLN, JA0SU, XW8AX, ZL2BE, ZL3RB.

Ray Williams, G-11051. ssb. JA9JX, JH1APL, KL7DTH, KL7OJ, KR6IS, KS6BZ, O730, KW6EJ, UL7JA, VK9KS, VR2EJ, VS9MB, XW8AX, ZD7KH, ZL1AGO, ZL2BE, 5Z4AA.

John Woodham, G-6986. ssb. JT1KAA.



28.00 - 29.70 mc/s.

Still quite a lot of activity on 10 metres with a good amount of DX among it. Given good coverage by our members again this month.

David Ansell, G-10973. ssb. PY7SO, YV3NS, 4M5A.

Joe Arpagaus, HB9-8706. am. OD5AT, ZC4GY, ssb. KP4AR, TU2BQ, ZE1AA, 5R8RF, 9J2WR, 9Q5IH.

Bill Cook, GW-11741. am. CE3DP, HI8XL, MP4BGL, PY1AGP, ST2AS, UA9SIR, VS9APW, ZC4MP, 5A1TK.

Eskil Eriksson, SM-5852. ssb. CE8AP, CX9PP, OA4JR, PZ1BX, VK9GN, ZP5JP, 4M4A, 5T5KG, 9Y4LR.

Stew Foster, G-10173. ssb. CE3PY, HC8JG, JA3GFO, KR6KJ, VK6CF, VP7FZ, VU2JM, ZP5JB, 4U1SU, 5R8AS.

Ed Hamill, W6-6963. ssb. DJ1EP, DJ2BW, DL1BH, DL1IN, DL1LP, DL1LT, DL7AA, DL7AY, DL7NJ, DL8TR, DLØEV, G3CMH, G3CVY, G3NMR/m, G3QMU, G3TGS, HBØLL, SL7ZS, VP1PV, ZC4DW, ZS6AFG, ZS6CE, 5A1TV, 5Z4KZ, 9Q5DA.

Ralph Hartman, W9-11603. am. LU8KS. ssb. CX3UV, HR1KS, ZS6AN.

Norman Henbrey, G-11195. ssb. CE8CP, EP2GI, KV4EU, OA4YM, TI2JIC, XW8BJ, ZD8CX, 4W1L.

Robert Hill, G-11968. am. MP4BBA, ssb. CR6TL, EL2A, JA3HZP, LU1DAB, UW9CR, VU2JM, XW8AX, ZS1ACD, 5H3KJ.

Arthur Miller, G-5218. am. TJ8AC, UAØKND, UG6ARO, UJ8AAZ, UL7AHE, XE2DDZ, 6W8DD, ssb. FH8CD, PZ1AX, VK8AU, ZD8CX, 5T5KG.

Eero Pesonen, OH-10897. cw. K1LWI, VO1AW, VU2WV, W1EVT, W1DGT, ZS1OB, ssb. EP3AM, MP4BGO, OD5BZ, 3C3FJZ/SU, 4X4AS, am. EP3RO, K1NUG, UA9PY, VK6JK, W9QPR.

Trevor Pinch, G-12133. cw. LA2MA/mm. am. ST2SA, VS9APW. ssb. CR7DS, KZ5SS, LU1DAB, LU3BAC.

George Preuss, GW-7796. ssb. LU4DA, ZP3AB, am. 5A1TK.

Joseph Purfield, EI-8700. ssb. EP2BU, KZ5US, OA5OS, UO5LP, UW9CR, VK6CF, VK6CR, YA1FV.

Glyn Redhead, GW-9953. cw. UA9KAY, am. CT3AS, MP4BBA, TG9US, W3QV, ZS4K. ssb. KP4CSU, ZS8L.

Allan Robertson, GM-12306. am. KØØGH, UA3KAN, UB5BZ, UC2DZ, UY5XF, W9LSF, ZC1ES, ZS4NL, 3C3DSE, 9H1X, 9Q5SE.

Peter Schwierz, DL-8913. am. CR4BC, HI8XAL, VP6HT. ssb. CX7AP, HL9T, 6Y5GG.

Syd Smith, G-8350. am. CX1AAM, CR6AKZ, HK3ALY, KV4CI, LU2UB, OA5AS, ZS4NZ, 9L1TL, ssb. CX2AW, CX8DZ, KP4AST, KZ5NS, OA4GN, OX3LP, PJ2CR, VQ9G, ZD8CX, 5LA2FB.

Colin Squires, G-11571. am. HI8XAL, ST2SA, ssb. CX7AP, TU2BQ, VQ9G, XW8AX, ZD8CX, 4M5A, 5T5KG.

Buck Taylor, ZS1-10175. am. CR4BC, K3ISD, W2AAG, W8PHJ, cw. F2GD, G3AGN, G3VGU, OA4KS, VE3FMI.

John Tozer, G-12206. ssb. CX3BBD, PJ2MI, UF6ACR, VK6CF, XW8AX, ZD8CX, 5T5KG.

D.R. Varley, G-12425. am. CR4BC, MP4BBA, UV3VI, YV1LH, ZC4TK, 5A1TV, 5A1TK, ssb. OD5BZ, PY2BGI, PY2PA, PY7ACQ, PY2DSQ, PY2CK, VP9FB, YV1FV, ZP3AB, ZD8CX, 5T5KG, 9J2WR.

Roy Waite, W2-4640. am. ZC4MO, ssb. JA7MA, KA2DO, KR6DO, OD5EY, SVØWL, UA6WJV, VS9ALV, XW8AX, ZD8CX, 4W1G, 5N2ABH, 5T5KG.

John Warren, W1-6161. ssb. KC4USB, KH6BB, KP5TEM, KH6EXI, KL7FRY, KL6DO, KW6EJ, KX6BQ, OA1W, PJ2MI, VK2FU, VK3QV, VK4TY, VK9GN, VP1PV, ZD8CX, ZK1AR, ZL1ANR.

David Whitaker, G-10058. ssb. HC1EY, JA6AFL, KR6LS, KR6KJ, K3IWW/VO2, am. LU9DTA, XW8AX, ZD8CX, 5T5KG.

Stan Whiteley, G-6333. am. CR7CD, CX3AAO, EA9EJ, FM7WE, K7PSQ, OA4JR, UJ8KAJ, VP7NA, VP7NX, 5N2ABA, 5Z4GF, 9Y4VS. ssb. EP3AM, HC1EY, KR6LL, KV4EY, SVØWL, VK6CF, VP2MK, VU2JM, YA1FV, ZD8CX.



28.00 - 29.70 mc/s. (Continued).

Ray Williams, G-11051. ssb. CR6DX, CR7DS, HC8JG, HL9TQ, K7MJC, PY2CK, VK4HR, VK6CF, XW8AX, 4M4A, 4M5A, 4W1G, 5T5KG.

John Woodham, G-6986. am. UJ8KAJ, UL7OB, 6W8DD. ssb. CE8CP, FH8CE, JA3HZT, TU2BQ, VK8AU, VP2AP, VU2MWP, XE1OE, XW8AX, XW8BJ, YA5RG, ZD8CX, ZP5JB, ZS8L, 4W1G, 5H3KJ, 5LA8FD, 5R8AS, 5T5KG.

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QTH'S & EQUIPMENT USED SECTION.

David Ansell, G-10973, Horsham. PR-16, CR70A, CR45.

Joe Arpagaus, HB9-8706, Zurich. AR-8516, AR88D, RAF Conv; G/plane.

Bill Cook, GW-11741, Bridgend. NC-190; Inv. 'L' 90 x 30' N/S. 15hrs.

Eskil Eriksson, SM-5852, Enskede. Drake R4-A; Multiband vert G/plane. 40hrs.

Stew Foster, G-10173, Lincoln. S640 + pre-amp; 75' wire NE/SW. 35hrs.

Ed Hamill, W6-6963, Millbrae. No details.

Richard Harris, W5-10353/5, El Dorado. HQ-180A; 10m indoor wire.

Ralph Hartman, W9-11603, Naperville. HQ-180A; 66' wire @ 30-50' E/W. 8hrs.

Norman Henbrey, G-11195, Northiam. EA-12. 20m dip @ 25', 7' vert rod @ 30' 50hrs.

David Henbrey, G-12441, Northiam. O.V.O. + Joymatch 3; 7' vert rod @ 30' 45hrs.

Robert Hill, G-11968, Bramham. RA-1 + PR-30x; 35' vert + ATU. 17hrs.

Ernie Luff, VK5-12245, Elizabeth Vale. No details.

Arthur Miller, G-5218, Birmingham. S-640; 80' long wire @ 25'.

Richard Nettleton, G-12362. Codar Mini-clipper; 65' wire @ 10/25' N/S. 32hrs.

Ed Paterson, G-8604, Hatch End. Philco Tropic 3741; Joystick indoor+Joymatch 3. 12hrs.

Eero Pesonen, OH-10897, Kotka. NC-100 XA; G5RV, W3DZZ. 15hrs.

Trevor Pinch, G-12133, Plymouth. HA-230; 20m dip @ 24' 12' whip @ 22'.

Vernon Porter, G-7444, Barnet. EC-10 + PR30x, Indoor Joystick + Joymatch.

George Preuss, GW-7796, Anglesy. HE40 (mod) + PR30x; 1 el beam, dipole. 18hrs.

Joseph Purfield, EI-8700, Dublin. S640 + pre-amp; 20m dip E/W 15m dip NE/SW @ 25'

Glyn Redhead, GW-9953, Glamorgan. S670; 10m folded dip indoors. 13hrs.

Louis Rybroek, PA-11356, Amsterdam. No details.

Allan Robertson, GM-12306, Dundee. CR-70A; 10 x 20m dipo @ 25' NE/SW.

Geoff Ruck, G-12358, Isle of Wight. BC; 140' 'Z' wire.

Klaus Schenk, DL-11712, Farchant. SX-117; W3DZZ. Long wire.

Peter Schwierz, DL-8913, Waldberg. Mikrohet; Joystick.

Syd Smith, G-8350, Kenilworth. AR-88d; 358, R1475; 132' wire @ 30'.

Don Smith, W1-8952, Quincy. SX-100 S108; 1/2 wave dipo.

Colin Squires, G-11571, Saltash. Drake 2-B, 30' vert.

Sid Stephenson, G-5910, Leeds. 840c + PR30; 20m dip.

Buck Taylor, ZS1-10175, Cape Town. NC-400; Vert longwire.

Graham Taylor, G-12063, Wolverhampton. HE-30; 135' wire @ 25', 10m dip @ 25' N/S.

John Tozer, G-12206, Plymouth. HA-230, 12' whip @ 36'.

Jurgen Ulbricht, IL-12260, Frankfurt. 14T super + filter; 40m dip NNW/SSE @ 30mts.

D.R.Varley, G-12425, Mansfield. CR70a +PR30+RQ10; 88'wire N/S @ 27' 10m dip @ 20'

Roy Waite, W2-4640, Ballston Spa. Drake 2-B; Mosely TA-33 Jr.beam.

John Warren, W1-6161, Ridgefield. SX-100; 40/80m dipo NW/SE.

David Whitaker, G-10058, Harrogate. 840c; Inv 'V' 150' each leg.

Stan Whiteley, G-6333, Castleford. 840a; Joystick + ATU indoors.

Ray Williams, G-11051, Oldbury. Mohican; 80' wire @ 20'.

John Woodham, G-6986, Patchway. HQ-170a; 132' wire @ 30'.

Phew! Just made it and there is no room left I'm afraid for any comments on readers letters. See you all again next month.....till then



AMATEUR BANDS DX NEWS SECTION.

Compiled by Stewart Foster, ISWL/G-10173.

Reports for next issue please to Arthur Miller by July 1 or to me by June 5 at:-  
68 Goldsmith Walk, LINCOLN, England.

Another very good month for DX on the H. F. bands, with noticeable improvement on 21 and 28 mHz. bands. On 28 mHz. in particular the DX has been rolling in from the Far East and the Pacific, and just as strongly as on 21 mHz. The old faithful 14 mHz. continues to provide its usual DX from all parts of the world for almost 24 hours per day. As for the L. F. bands, they are falling off now as is to be expected in the Summer months altho they are not completely devoid of DX. On now to the DX News.

DX ROUND-UP.

All times are G.M.T.

Europe.

- HBØ..... The expedition by HBØAFM and HBØGJ was very successful, and QSLs for it should be sent to HB9AFM or HB9GJ. Also QRV from Liechtenstein is HBØLL, the only resident amateur in the country.
- HV1CN Occasionally heard on 14210 SSB at 1230, and 14115 SSB at 1200.
- HV3SJ Regularly QRV around 14200-14250 SSB with S9 signals in Europe, on most days around 1830.
- I.... Italian stations now regularly use special prefixes during Contests Exhibitions etc. During the C.Q. SSB Contest in April, the following were active: 12LAG, 13CBS, 13CPZ, 13CWX, 14LCT, 16KDB, 17AA, 18JT, 19FLD and 19RB. Remember that all such special stations can be QSLed to their corresponding I1...call sign as listed in the Call Book.
- 19RB Special station QRV May 7 from International Labour Organization Center in Torino. QSL to I1RB.
- JW3NI Svalbard. Heard on 14017 CW at 2230 and on 14044 CW at 1330.
- JX... Jan Mayen. JX5AK heard on 21035 CW at 1245; JX5CI heard on 14003, 14041 CW at 1930 and on 14102 SSB at 2115; JX5WA heard on 14005 CW at 1845, and JX6XF heard on 14105 SSB at 1440.
- LJ2X Norway. Special prefix station heard quite often now at 1330 on 14240 SSB and at 1415 on 21265 AM.
- PX1PA Still QRV and recently heard on 14135 SSB at 1150.
- 3A2CP Regularly heard around 14300 SSB with S9 signal from about 1700-1800. Returning soon to the U.K.

Asia.

- AC3PT Sikkim. Heard working G stations on 21028 CW from 1100 - 1230.
- BV2A Taiwan. On 14025/030 CW quite often from 1230 to 1500, and he is now the only station licensed in Taiwan.
- HZ1KE Heard on 14180 SSB at 1530 and on 21350 SSB at 1545. Also QRV from Sa'udi Arabia is HZ1AT heard on 28710 at 1330.



- JT1... Vlad, UA1CK, at first operated from the Mongolian club station JT1KAA and used its call sign. Later he changed to his own call sign UA1CK/JT1. He asks for all QSLs now to be sent to P.O. Box 639, Ulan Bator, Mongolia.
- JY6GVM Jordan. This station was active during Contest in April and a little time afterwards. Send QSLs to W6GVM.
- MP4MAW Operates CW on 21042 and 28035 about 1000-1200. On the SSB mode there is MP4MAY who has been heard on 21365 at 1250, and on 14230 at 1700, and on 14130 at 1740.
- TA2AC Regularly QRV at week-ends on 21 mHz. CW around 1630; also been heard on 14020 CW.
- UJ8... UJ8AC on 14130 SSB at 1730; UJ8KAP on 28460 at 1405; and UJ8AJ on 14025 CW at 1550.
- UZ9UA New prefix! Stations in Asiatic Russia now using UA9, UAØ, UW9, UWØ and now also UZ9 call signs. The UZ9UA is in Kemerovo, Z. 18.
- VS9MB Heard on 21334 SSB at 1730; and 14198 SSB at 2100, 2230. (located on Gan Island in the Maldives; and remember that Gan is just south of the Equator which places it in Zone 39 and counts for Africa, not Asia -- O.K. so I should have listed it under Africa section, my apologies.)
- XV5 Viet-Nam. K8NHW/XV5 is very active now and has been heard on 21.350 21405 SSB at 1500-1600; and on 14175, 14202 SSB at 1600 and 1845.
- 4S7PB heard occasionally on 21 mHz. SSB around 1830. Also QRV from Ceylon is 4S7NE daily on 14196 SSB at 0130.
- 7Z3AB heard on 14190 SSB at 2045.

Africa.

- CR4BC Now very active with SSB on 14105, 14115 at 1000, 2000; and also heard on 21394 SSB at 1150, and 28242 and 28365 AM at 1145, 1745.
- CR5CA Principe e Sao Tome Is. A new station heard on 14025 CW at 1700, and on 21060/100 CW at 1220 and 2050. CR5SP is still QRV on 14190/195 SSB from 1600, especially on Saturday.
- EA9EJ Rio de Oro. Regularly now on 14125 SSB from 1930 to 2200.
- ET3RB skeds DL8MZ on Tuesday and Friday at 1300 on 21300 SSB.
- FBSWW Crozet Is. Henri is especially QRV 21300 SSB at 1100 every Saturday. Also heard on 14113 SSB at 1730.
- FH8CE Very active on 14134 SSB at 1730; 21340 SSB 1700-1900; and also 28540-28590 SSB 1000-1030.
- FL8RA heard on 14206 SSB at 2235.
- SU1AR On 14027 CW at 0615 on Thursday and Friday.
- TJ1AB A new Station heard on 21306 AM at 2300 in the U.S.A.
- TJ8QQ Operated by Herman ex-HK1QQ who also has licenses for TL8QQ, TR8QQ and TT8QQ, and expects to visit those countries soon.
- TL8AA This is the call-sign that Guy, TN8AA, hopes to use from sometime in May.
- TY3ATB heard on 14332 SSB at 2045.



- ZD3I Operation from May 10 by Iris, W6DOD, for a week or two. The next stop will be by TZ, but may only be a 48 hour operation. QSL via YASME, p. 152 of May Monitor.
- ZD7KH Regularly on 14150 SSB 2100-2130; also heard 21335 SSB at 1640.
- ZD9BH This is the replacement for ZD9BE who is on vacation in U.K. Heard on 14250 SSB 1930-2130 especially on Saturdays.
- ZS9L Gordon will be in Botswana for 2 years. Reported on 14205 SSB at 2015. He skeds VE7ZM at 0430 on 14180 SSB.
- 3V8BZ QRV daily on 14110/120 SSB or 14190/195 SSB at 0600 to 0830, and 1800 to 2200. Also heard on 14268 SSB at 0635 and on 14286 SSB at 0730-0830.
- 5LA... Liberia. During the Liberian Field Day special stations were active, 5LA2FD and 5LA8FD.
- 5R8AS In addition to 14 and 21 MHz. operation, also now heard on 28490 SSB at 1700.
- 601AU Back on the air again and reported on 14205 SSB at 2015.

N. America.

- KL7FLB Located on Fletcher's Ice Island at 79-N. 175-W. and floats around the Arctic Ocean in that area (counts just as Alaska, and as Zone 1 for HAZ) Heard here at 0730 on 14265 SSB.
- KS4CC Swan Is. On 14250/265 SSB regularly from 0615 to 0845.
- KZ5AA Carries fone patch traffic almost every day on 21420 SSB at 2200.
- VP2DAA Dominica. Heard on 21260 AM at 2040, and is said to be QRV daily around 21240.
- VP2LS St. Lucia. Very weak signal in U.K. on 14160 SSB at 0845.
- VP2SAB St. Vincent. Often on 14 MHz. SSB at 0830; also reported at 2245 on 14125 SSB.

S. America.

- ~~CE~~.... Easter Is. ~~KØOXV/CEØA~~ will be QRV until August 1; mostly on 14190/200 SSB around 0700.
- HC8JG Galapagos Is. On 14150 SSB at 0410; and on 28555 SSB at 1650, and 28598 SSB at 1555.
- OAØUO Rare prefix. Heard on 21134 AM from 2015-2045.
- PYØ... Fernando de Noronha. Operation May 9 - 16 on 14 and 21 MHz. SSB and CW by PY7AOA/Ø and PY7APS/Ø. QSL both via PY7AKW.
- VP8FL Falkland Is. Heard on 14127 SSB and 14175 SSB around 2100.
- VP8IE S. Georgia Is. On 14127 AM at 2110 and on 14135 AM at 2030. He is expected to have SSB gear by June or July.
- 8R1... Guyana. 8R1C heard on 14337 SSB at 0800; and on 28600 SSB 1250; 8R1G on 14260 SSB at 2250; and 8R1S on 14200 SSB at 2245.

Antarctica.

- VP8... British Antarctica. VP8IU regularly on 14127 SSB at 2000; VP8IY on 14062 CW; and VP8JI on 14127 SSB.
- ZL5AC Ross Dependency. New stations on 14127 SSB at 2215, also on 14195 SSB 2215, and heard on 14050 CW at 1130.



Oceania

- FO8BU Tuamotu Archipelago. A rare country, not activated for many years, and FO8BU operates from there on 14040 CW and 14070 CW at 0750 and 1030, also 14250 AM. Send QSL via the FO8 Bureau:  
B.P. 374, Papeete, Tahiti, French Polynesia.
- KH6EDY Kure Is. Will operate for 24 hours continuously from 0500 on June 22, on 14205 SSB.
- KC6CL East Caroline Is. Often QRV 14235 SSB at 1430; also KC6BW is QRV 14300 SSB about 1500.
- KG6... Guam. K8VMM/KG6 very active at present, often S9, and heard on 14200-14250 SSB between 1430 and 1830.  
KG6FAE also quite active and heard on 14220 SSB at 1650, also on 21 MHz. SSB at 1600.
- KG6IF Marcus Is. Heard on 14280 SSB at 1100-1130, and 14215 SSB at 1500 and later.
- KJ6BZ Very weak signal in U.K. on 14305 SSB at 1450.
- KM6.. W/ICJ/KM6 has very fine signal on 21315 SSB from 0900-1100, and also heard on 14212 SSB at 1845. QSL via KM6CE.
- KX6ER Often to be heard on 14050 CW at 1000.
- VK6CR Macquarrie Is. Looks for Europeans on Monday, Wednesday and Friday on 14180 SSB at 0800.
- VR2DI Heard on 14310 SSB at 0530.
- VR3.. Line Islands North. VR30 was activated by WA6ZZD for two week-ends in April. QSL to K6UJW. Also in April/May was VR3L, who was K8PKY, and QSL direct to K8PKY.
- VR4CR Solomon Is. On 14020, 14040, 14088 CW from 0630 onwards. He has been heard in the U.S.A. from 0900-1200.
- ZL1AI Kermadec Is. Skeds ZL2AFZ daily on 14260 AM at 0600.
- 5W1AA heard on 21385 AM at 0725.
- 9M6MG Sabah, East Malaysia. Heard on 21308 SSB at 1600, and he hopes soon to make expedition to VS5.
- FW8RC heard on 14248 SSB at 0720.

(sorry not all quite in alphabetical order).

Maritime Mobiles.

- HC9FN/MM A research vessel conducting an ecological survey in the South China Sea. Heard 14300 SSB at 1530. Located 08-N. 108-E.
- K1SUO/MM "Oceanographer". An ocean research vessel in the Black Sea. Heard on 21390 SSB at 1400.
- K1YLI/MM U.S.S. America in Central Mediterranean. On 14280 SSB at 1750.
- K5LIR/MM Survey vessel "Robert Conrad" in Antarctic Ocean, 70-S. 30-E.
- LU4AC/MM En route Buenos Aires to Spain, heard on 14100 SSB at 1930.
- SM3PZ/MM Heading to Montreal and heard often on 14200/210 SSB. Located 49-N. 27-W. on April 27.
- W6OZ/MM U.S.S. Monterey sailing thru the Pacific to California.



QSL Managers.

CO2BO/CO4	via	OK3MM	TG9EP	via	DL7FT	XW8AX	via	W6KTE
CR7GF	via	W4VPD	TJ8QQ	via	W4DQS	XW8CE	via	W1FCEP
FL8RA	via	W2LJX	TL8QQ	via	W4DQS	ZB2AM	via	W1HGT
GB3WGC	via	G3PKV	TR8QQ	via	W4DQS	ZD8JES	via	WA4UHK
HC5NW	via	WA6MWG	TT8QQ	via	W4DQS	ZD9BH	via	W2GHK
HL9TC	via	W2WYV	TY3ATB	via	VE2ANK	ZF1RD	via	K8LSG
HL9TE	via	KØDST	VK2AVA/2	via	WA2RAU	ZS8L	via	W4BRE
HV1CN	via	I1AMU	VP1LB	via	VE3ACD	3V8BZ	via	DL7FT
HZ1KE	via	G3FWR	VP2GZW	via	WA4UOE	4S7PB	via	K6CAZ
K8VWM/KG6	via	K8VWM	VP2VZ	via	W1WQC	4W1L	via	HB9ABV
KG6FAE	via	WAØKKR	VQ8CC	via	VQ8AD	5A1TY	via	HB9ADP
KR6MB	via	W7VRO	VQ9HJB	via	5H3FQ	5LA2FD	via	EL8B
KS4CC	via	WB6ITM	VS9MB	via	W2CTN	5LA8FD	via	EL8B
PA6AA	via	PAØVB	VS9OSC	via	K2KTK	5R8AZ	via	G3TTG
PA9DS	via	F5AN	WA6SBO/MM	via	K6VZA	6Y5GG	via	VE4XN
SULAR	via	WB2UKP				9G1BF	via	W3HQO

QTH Section

CE3JP	Hank Rivas, NASA Station, U.S.Embassy, Santiago, Chile.
CE3ZN	Apto. 10308, Santiago, Chile.
CE8AP	Apto. 484, Punta Arenas, Chile.
CN8CS	B.P. 284, Rabat, Morocco.
CP6GC	Apto. 47, Santa Cruz, Bolivia.
CR4BC	C.P. 36, Sao Vicente, Cape Verde Islands.
CR5CA	C.P. 47, Sao Tome Island, Portuguese West Africa.
CX9AAK	Apto. 37, Montevideo, Uruguay.
CX9PP	Cas. 1, Riviera, Uruguay.
DU9MVC	C.J.G. Tanama, Mount View College, Valencia, Bukidnon, Philippines.
EA8FG	Cas. 215, Santa Cruz, Tenerife, Canary Islands.
FG7TC	B.P.521, Pointe-à-Pitre, Guadeloupe, West Indies.
FY7YM	B.P. 63, St.Laurent, French Guiana.
HB9AFM	(or HBØAFM) Postfach 293, 8040 Zurich, Switzerland.
HK3LVT	Apto. 584, Bogota, Colombia.
HP1JC	Apto. 6893, Panama 5, Panama.
K3IWW/VO2	P.O.Box 232, Goose Bay, Labrador, Canada.
KC6CL	Ron Seigal, Peace Corps, (Truk, East Carolines), c/o A.P.O., San Francisco, Calif. 96942, U.S.A.
KL7FLB	c/o U.S.Army Aviation Detachment, Fort Eustis, Va. 23604, U.S.A.
KV4AB	P.O.Box 2247, St.Thomas, U.S. Virgin Islands 00801.
IJ2EN	Martin Rodriguez 754, Adroque, Buenos Aires, Argentina.
MP4MAW	R.N. Francis, c/o Cable & Wireless, Muscat, Oman, Arabian Gulf.
MP4MAY	P.O.Box 18, Mondeor, Johannesburg, South Africa.
OAØUO	Apto. 280, Iquitos, Peru.
OK3MM	Jan Horsky, Box C-22, Piestany, Czechoslovakia.
PJ4AE	P.O.Box 186, San Nicolas, Aruba, Netherlands Antilles.
PY2DFR	C.P.19160, Sao Paulo 15, Brazil.
PY2DTV	Rua Mercedes 783, ZP.10, Sao Paulo, Brazil.



TI4FCH	Apto. 2412, San Jose, S.J., Costa Rica.
TJ1AB	Radioamateur TJ1AB, Makak, Cameroon Republic.
TU2AY	B.P. 20194, Abidjan, Ivory Coast Republic.
VP1MW	P.O.Box 554, Belize, British Honduras.
VP8FL	P.O.Box 137, Port Stanley, Falkland Islands.
VQ9EF	c/o Delco Corp., Pan-American Airways, Private Mail Bag, Mombasa, Kenya.
VR2DI	P.O.Box 184, Suva, Fiji Islands.
XW8BS	(also XW8BZ) U.S.Embassy, A.P.O., San Francisco, Cal.96352; U.S.A.
XW8CC	W.B.Wright, The American School, c/o A.P.O., San Francisco, Calif. 96352, U.S.A.
ZS6BFI	P.O.Box 8337; Johannesburg, South Africa.
ZS9L	Gordon Davis, P.O.Box 525, Gaborones, Botswana.
5W1AA	P.O.Box 498; Apia, Western Samoa.
7Q7EC	P.O.Box 207, Zomba, Malawi.
8R1C	(also 8R1S) P.O.Box 739, Georgetown, Guyana.
9G1GA	P.O.Box 625, Tema, Ghana.
9G1HM	P.O.Box 2165, Accra, Ghana.
9M6JP	RAF Labuan; Sabah, B.F.P.O. 660, c/o G.P.O., London, England.
9M6MG	P.O.Box 229, Labuan, Sabah, East Malaysia.

Answers to queries.

- 1) HB4FV is a Swiss military station, and licensed O.K. for amateur bands.
- 2) Still on the question of UAØY.. stations and Zone 23 - I agree that the Tannu Tuva area was once part of JTL, and that the border was moved to include it in the USSR, but so far as I can gather, ONLY the political boundary changed, the Zone boundary was not altered. Also, on a QSL from UAØYP it is clearly stated he is in Zone 23. So, for ISWL purposes, all UAØY- (and UAØKY-) stations will be regarded as Z.23.
- 3) The manager of MP4TBO is definitely the Canadian station VE1AKZ.
- 4) VP8IU is located on Argentine Island in the Palmer Archipelago, in British Antarctica. QSL manager is G3MBQ.
- 5) KB6CZ on Canton Island, which is one of the U.S. Phoenix Islands, and listed on the ISWL Country List under "Baker, Howland, & U.S.Phoenix Is."
- 6) A few zone queries:- 3C8ML is Zone 2; UAØAI is Zone 18; and UA9EG is Zone 17. The station SVØWII is in Greece.

ATTENTION!

- 1) I regret to say there are still several pirate stations around; and the following are definitely known to be such:- KS4AD, MP4QAL (unlicensed tho did send out QSLs), ZC2T, ZC2T/VK9, 1G1HKP. A station signing XULLO during C.Q. Contest in April said he was in Cambodia, - well, I am just about convinced he was a pirate!
- 2) Three items to clarify in respect of Country status;  
1A6SBO on Alijos Rock counts same as Mexico, XE.  
1G5A on Geysers Bank counts same as Malagasy, 5R8.  
1B9WNV on Blenheim Reef counts same as Chagos Archipelago, VQ8/c.



GEOGRAPHICAL SECTION.

Swan Island. Located in Zone 7 of North America and its position is 17.30-N. 84-W. The prefix is KS4 and the time zone is G.M.T. - 6 hours. The beam bearing from the U.K. is 285. The island is a U.S. territory. Currently QRV there are KS4CC, KS4CD and KS4CE.

South Georgia Island. Located in Zone 13 of South America, position 54.30-S. 37-W. The prefix is VP8 and the time zone is G.M.T. - 2 hours. The beam bearing from the U.K. is 210. The island is a British Protectorate, and VP8IE is the only station currently QRV, tho VP8HY and VP8IF have licences, but are either inactive or no longer resident.

(Note. S.Georgia and S.Sandwich Islands are separate countries for ISWL, but S.Orkneys and S.Shetlands are simply part of Brit. Antarctica.)

Falkland Islands. Located in Zone 13 of South America, and the position is 52-S. 58.30-W. The prefix is VP8 and the time zone is G.M.T. - 4 hours. The beam bearing from the U.K. is 223. The islands are a British Colony, whose capital is Port Stanley. There are two large islands, East Falkland and West Falkland, and a few very small ones. About 20 stations are licensed there, but the most active are VP8CW, VP8FL, VP8HJ, VP8HZ, VP8JC and VP8JH.

Tuamotu Archipelago. Located in Zone 32 of Oceania. The capital is Makatēa and its position is 16-S. 148.15-W. The prefix is FO8 and the time zone is G.M.T. - 10 hours. The beam bearing from the U.K. is 321. The islands are a French Settlement, and the only station QRV is FO8BU. Tuamotu Arch. is also sometimes called the Low Archipelago.

Midway Island. Located in Zone 31 of Oceania, and its position is 28.15-N. 177.30-W. The prefix is KM6 and the time zone is G.M.T. - 11 hours. The beam bearing from the U.K. is 006. The island is a U.S. territory. There are 12 stations licensed, tho the only active residents are KM6BI and KM6CE. Also temporarily on the island is W0ICJ/KM6.

Johnston Island. Located in Zone 31 of Oceania. Its position is 17-N. 169.30-W. The prefix is KJ6 and the time zone is G.M.T. - 11 hours. The beam bearing from the U.K. is 358. The island is a U.S. territory, and has 11 stations licensed, tho only KJ6BZ is active at present.

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MEMBERS' NEWS

Eskil Eriksson, SM-5852, mentions that he has heard nothing of interest on 3.8 and 7 mHz. tho the H.F. bands have been quite good. He has received QSLs from UW9AF and UH8CN for new ones on 3.8 mHz., and also two very nice ones from ZL1AI and WA6ZZD/KP6 on 14 mHz. Eskil now has 289 countries verified on SSB.

John Warren, W1-6161, has been recording the DX heard on 3.8 and 7 mHz. with the aid of a new tape recorder which arrived last Christmas. During April from his QTH he was logging DX in JA on 7 mHz. and the Pacific on 28 mHz., tho he says he listens to 28 for 'relaxation' only, hi!



Buck Taylor ZS1-10175 now works as a Radio Operator on a diamond mining barge off the coast of Luderitz in ZS3, and he spends two weeks at work, and then one week at home. His best bands are 14, 21 and 28 mHz. and his listening is done at home, and the paper work while he is on the barge.

John Woodham G-6986 has finally after 10 years as an SWL heard Zone 23, thanks to UA1CK/JT1. So John is hoping for a QSL now. New Countries verified for John are FH8CE, FR7ZP and VP1PV, and also a long-awaited QSL from Utah.

Vernon Porter G-7444 has returned to the scene in a big way, with such loggings as KS4CC on 14 mHz. and KH6BB, W6's and W7's on 21 mHz. Vernon uses EC10 with PR30 preselector, to a Joystick antenna indoors, with Joymatch tuning unit. On April 30, Vernon says the condition of 21 mHz. was just fantastic with DX S9 + 40dbs. from 1800 for about 3 hours, while the rest of the day the band had been dead!

George Preuss GW-7796 has modified his RX with the result that the mains hum has almost disappeared, and SSB is far more stable now. As for band condx, George reports 3.8 mHz. almost without DX, and 7 mHz. with PY's and very little else. On 14 and 21 the Pacific has been logged quite easily, with VKØCR the best on 14, and KB6CZ the best on 21 mHz. George was very pleased to receive a QSL from VKØCR.

Ed Paterson G-8604 continues to find the DX on the AM mode, and this time he has heard three new countries, including VP2GW and FY7YC, not to mention several JA stations (all on AM remember!) Who said that AM was 'ancient modulation' ?

Dave Whitaker G-10058 is in a very sad state at present. His house was entered by thieves, who removed his RX along with other electrical equipment. Looking on the bright side tho, Dave is at least relieved that the thieves waited until the day after the ISWL contest!

Bill Cook GW-11741 our 'early morning listener' has found DX coming in from VK and ZL and even Central America as early as 0500. The best was KR6MB blasting in 5/9 + at 1820. (Your 4M5A is O.K. - see p. 152 of May.)

Graham Taylor G-12063 has now heard 249 countries in all 40 zones, thanks to two ones, KB6CZ and UA1CK/JT1. He is patiently awaiting some QSLs from the Bureau in return for a batch of cards sent out some time ago. Best DX for Graham on 28 mHz. was CE.

David Henbrey G-12441 has just got round to serious listening, tho he has been interested for some time. He is 13 years old, and uses an O-V-O and a CR45, and has just logged UA1CK/JT1! Well done David.

\* \* \* \* \*

Well there it is. A longer DX Section than usual, packed full of DX news and Members News, for which I thank all our contributors, and also offer my thanks to the Long Island DX Association and to Geoff Watts' DX News Sheet. Remember the deadline date for reports direct to my QTH is the 5th. of the month, but as I usually type up the Section on a Thursday, I mostly accept reports up to the Thursday after the 5th, O.K. ?  
Best of DX until next time, and good wishes to you all.



QSL'S RECEIVED AND TABLES SECTION

Edited by Bernard Hughes, 65 Flag Meadow Walk, Worcester, Worcs.

QSL'S RECEIVED.

- D. Ansell, G10973. G13SVK, I1MOV, I1R1REE, VK2LK, VK9OM, V01HY, VU2FN, W4JLW, ZL2AC.  
S. Blaber, G11467. DU9FB, EA8FE, FR7ZP, HB9NL, I1TYL, K3SWW/KG6, HI8JSM, PY7ACQ/P, ZS2MI, VP8IK, VQ9BC/D, ZD3G.  
E. Eriksson, SM5852. EA8CB, F0AO/m, FB8WW, FK8AC, GC2FMV, GM3UPU, JX5AK, KG6FAE, KL7BCS, WA6ZZD/KP6, KS6BT, KX6BU, LU5DBS, UH8CN, UI8MN, UW9AF, VK9XI, VP9FB, ZL1AI, 3C7ZM, 9H1AM, 9Q5FV, 4W1G.  
S. Foster, G10173. CX3BBD, FB8WW, FH8CE, FR7ZL/T, G3UFO/mm, GC2FMV, I2FRC, I3CTL, I6KDB, KG6LJ, KG6SB, KS4CC, VK0CR, VP2MK, VP8IE, VS9ARV, VS9ARV/mm, ZD3F, ZD3F/m, ZS3HT, ZS3JJ.  
G. Hammond, VE3-7554. AP2NMK, FR7ZL/T, VQ9AA/F, IB9WNV, IG5A, FR7ZP, UI8MN, UI8MU, VS9HRV, WA2DLJ/3V8, YJ8BW, VP8IE.  
E. Hamill, W6-6963. HB9MC, SP9FR, UW0AX.  
B. Hughes, G11362. EL9A, EA1LM, JALAE, K4OEI, K7OIX, VK2APK, VK2BKM, VK3FW, VK3TG, VK4DO, VK6BE, VK9AG, W0QWS, WA4DSI/VO2, ZS8L, ZD8CX, 3C6CT.  
E. Luff, VK5-12245. DJ3YC, DI8NU, PJ5CE, PA0HBO, UA4CZ, VK2AVA/P, VE5JS, VE6ALI, VE6AKR, VE8WT, VQ8AX, W3CET, W8LXU, W8MPW, 4X4TP, YV5CJP, ZS4OI.  
M. McNamara, EI-11800. C08MN, CX9AAN, DULMR, EP2RW, FK8AH, HV3SJ, KG6LJ, OY7ML, PJ4AC, PXLIE, UA4KEA, UA9FC, UB5KDS, UH8AY, UW9CE, VK9AG, VP7NW, VP7NY, VP8HJ, VP9FR, VU2FN, ZB2AP, ZD5R, ZD8HL, ZS8L, 4X4UH, 601AU, 9M6BM.  
R. Nettleton, G12362. G3UKW, GC3VOK, G3SED, G3WDW, F2YT.  
E. Paterson, G8604. PY7ALO, W2AFV.  
G. Preuss, GW7796. CR5SP, CT1BB, GW3AX, I1R1REE, PXLIE, VK5XO, VK0CR, VQ8AX, VU2FN.  
J. Purfield, EI-8700. CR4BA, HSLWF, K3LZC/4X, LALK, TN8AA, VE7CE, VK9DR, VK9XI, VS6EK, VS9OC, YV1ST, ZK1AR, ZS2MI, ZF1GC, 5R8BC, 9Y4VT, 9V1MY.  
E. Pesonen, OH10897. FR7ZD, HC2SB, DJ7UG/LX, VP9FR, VS9HRV, 6W8DN.  
L. Rybroek, PA11356. EL9A, FB8WW, FR7ZP, HCLDX, I6KDB, KR6LL, KC6BW, KH6CH/KW6, OX4AA, VK1QL, VP2SJ, VQ9AA/F, XPLAB, ZD3F/m, ZD9BE, 3B1BD, 3C1AFY, 3C6CZC, 3C5JV, 3C6CT, 4Z4HQ, 5VZRQ, 9LLJP.  
K. Schenk, DL11712. CP6GH, CR7CI, CX9AAN, JX6XF, K2HVN, K4CJX, K7MRX, KW6EJ, VS6AJ, VQ9BC, W4LRN, W7WS, W0CUC, ZD7IP, ZF1RD, 4S7PB, 6Y5GG.  
S. Stophenson, G5910. F8PI, FK8BJ, DJ2GG, UA1XL, UB5DW.  
T. Stiehl, DL10234. FK8AB, FL8AO, G13KSA, IP1JT, HK0AI, KG4AA, PJ5BC, PJ5BD, PJ5CG, PJ5CH, PJ5SA, VP2AC, 3A2MJC, 9M6DH.  
W. Simon, DL10101. FG7XL, GD6IA, HB0UP, K3IHJ, KL7EBK, VR2EK, VS9AJC, VS9ALV, W9ADT/m.  
B. Taylor, ZS1-10175/ZS3. DJ2GG, DJ8QX, DJ0BS, DL1JE, DL0OU, DM2CLO, EA4CR, EA5BA, EA7KE, G6LX, GW3OSV, HA3KMA, HP1BR, JA1CVY, K3PXL/XYL, K4GSS, LA7TH, LA9FJ, OE9LGI, OH6WO, OL2AM, OZ5AR, SP7KAN, PY2BJH, UA1NA, UA0KAE, UN1BS, UP2CA, UR2DE, VE8NO, VK4VX, W3KVV, WV2UOG, YO3CR, YU2CB, ZB2AM, ZELCK, 5N2AAF, 6Y5AO, 9H1AK, 9M2LO.  
B. Thomson, ZL7907. DI2LE/mm, FB8WW, JH1AHU, W9WNV/HK0, W9WNV/HK0 Bajo, YV0AA, ZD3F, ZS8L, 7Q7PBD, 9U5BB, 9X5PB, TN8AA.  
G. Taylor, G12063. G3CFV, G3VCG, G3VCH, GW3NLC.  
R. Waite, W2-4640. CR6EW, CT3AS, DJ2YW, DJ7IF, EA4JL, EA9AZ, F3EA, F5RV, F9IE, FY7YM, G3JEC, GB3RSS, HB9ZM, HB0AAI, HK5CY, I1LAP, I0KDB, I0RB/4U, JX5AK, LU5DVS, OE3PZW, ON5PD, PA0HBO, SP5AKG, UP2CV, UT5DZ, VP7NP, VQ8AX, VQ8BG, VQ9AA/A, VS9ALV, YU6ZZA, W9WNV/HK0, ZS3BP, 5A3TT, 9Q5SS.  
J. Woodham, G6986. EP2GI, FH8CE, FR7ZP/G, HK0AI, IP1AA, SM6BNU/7, UA3RDO, VK0CR, V01HY, VP1PV, VP2MK, VP9FB, VS9ALV, WA1COA, K2JFE, WA3AEG, WA5IPP, W5LZZ, VE3BPX/W6, WA7CUW, WA7EGL, K7OPB, W7ZOH, W7DM, W4GQP/0; W0JVA, WA0LDK, 3C3EOG. More W's  
D. Whiteaker, G10058. OY6FRA, VK2AHT, VQ9AA/A, VQ9AA/D, VS9PCZ, WA5HLY.

ZONES AND COUNTRIES TABLE (1967)

AM/SSB		1967	C	Z	C ALL TIME
T. Stiehl	DL10234	40	299	40	341
E. Eriksson	SM5852	40	205	40	325
G. Taylor	G12063	40	184	40	249
C. Squires	G11571	39	204	40	240
J. Tozer	G12206	39	198	39	216
R. Waite	W2-4640	39	188	40	307
T. Pinch	G12133	39	184	39	216
J. Woodham	G6986	39	174	40	264
R. Williams	G11051	38	179	40	272
E. Hamill	W6-6963	38	175	40	325
J. Purfield	EI-8700	38	139	40	253
D. Whitaker	G10058	37	165	38	234
A. Miller	G5218	37	138	40	233
B. Hughes	G11362	36	101	40	231
N. Henbrey	G11195	35	158	39	219
N. Van Der Bijl	PA9888	35	127	40	194
P. Coull	G11633	35	88	40	203
R. Nettleton	G12362	35	87	37	138
K. Niendorf	G12234	34	84	34	84
J. Dunnett	9V1-11830	33	101	40	194
W. Simon	DL10101	33	91	38	171
D. Henbrey	G12441	29	77	29	77
P. Cooper	G12167	26	67	34	115
R. Walsh	W1-12073	25	54	39	155
E. Paterson	G8604	18	52	37	164

AM/SSB/CW

J. Komlos	DL12090	40	182	40	261
S. Foster	G10173	39	201	40	270
E. Pesonen	OHI0897	32	100	40	259
E. Trebilcock	VK3-5948	31	79	40	299
J. Arpagaus	HB9-8706	30	179	40	273
J. Whittington	G3719	20	100	40	293

ALL BAND TABLE		1.8	3.5	7	14	21	28	Total	Modes.
T. Stiehl	DL10234	57	141	201	329	275	214	1217	AM/SSB
J. Warren	WI-6161	4	84	131	229	192	176	816	AM/SSB
E. Eriksson	SM5852	1	91	91	313	185	81	762	AM/SSB
J. Woodham	G6986	4	68	62	249	190	158	731	AM/SSB
R. Williams	G11051	5	86	134	271	149	81	726	AM/SSB
D. Whitaker	G10058	9	95	107	214	183	117	725	AM/SSB
A. Miller	G5218	3	79	107	215	156	115	675	AM/SSB
S. Foster	G10173	7	66	65	265	168	71	642	AM/SSB/CW
E. Pesonen	OHI0897	13	79	98	255	128	69	642	AM/SSB/CW
N. Henbrey	G11195	3	76	90	203	130	89	591	AM/SSB

Just had room this month to put in an ALL Band Table but another will be in next month. The one this month is for the members who reported this month but the correct one will be put in next month.



QSL LADDER. Countries and Zones.

		C	Z			C	Z
O.Klopsch	DL8844	320	40	J.Arpagaus	HB9-8706	167	40
E.Eriksson	SM5852	309	40	P.Schwierz	DL8913	159	35
G.Hammond	VE3-7554	304	40	D.Grantley	VK2-8205	157	40
R.Waite	W2-4640	302	40	Van der Bijl	PA9888	152	36
L.Rybroek	PAII356	294	40	M.Weaver	G6903	151	35
E.Trebilcock	VK3-5948	293	40	E.Hamill	W6-6963	150	35
J.Graham	GM7285	289	40	K.Schenk	DL11712	145	38
J.Whittington	G3719	288	40	E.Paterson	G8604	142	34
S.Stephenson	G5910	273	40	B.Thomson	ZL7907	141	33
R.Headland	G7176	265	40	G.Redhead	GW9953	140	34
E.Chilvers	G11492	262	40	R.Williams	G11051	139	38
S.Foster	G10173	254	39	E.Luff	VK5-12245	137	35
T.Stiehl	DL10234	252	40	W.Simon	DL10101	135	35
G.Preuss	GW7796	252	40	E.Pesonen	OHI0897	134	37
J.Woodham	G6986	245	39	M.McNamara	EI-11800	133	37
P.Boer	PA8753	244	39	B.Hughes	G11362	133	36
N.Bainbridge	GM9709	230	38	S.Whiteley	G6333	131	36
R.Markell	W6-11524	216	40	G.Draganov	LZ12154	124	38
M.Harrison	G54	216	38	F.Weidema	PA11092	116	30
M.Hewitt	G7871	211	40	B.Edwards	G11525	113	33
D.Whitaker	G10058	209	38	E.Zurmuhle	HB11681	112	35
J.Glocz	HA11698	207	40	L.Kaibel	DL11468	106	32
S.Blaber	G11467	193	38	R.Walsh	WI-12073	103	32
T.Clark	G9242	192	40	D.Rollitt	G11769	96	33
T.Ashley	W4-7141	192	37	A.Durrant	G11660	90	34
J.Purfield	EI-8700	190	40	K.Brosch	DL9090	79	25
W.Smith	WI-7897	184	38	W.Smith	G11867	78	33
A.Miller	G5218	184	38	D.Watts	G11049	78	28
J.Cowley	G10739	175	40				

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Reports From Members.

Garry Hammond VE3-7554 Garry reports that his average QSL's via the bureau per month is 150: nice going Garry. Glad to hear that you are getting such a good return.

Barry Thompson ZL7907 Barry has written to say that he thought it was about time a ZL was in the tables. Yes it was nice to hear from you Barry and I hope to hear more from you each month. No, you don't have to send your QSL cards to me to be verified. I think that nearly all SWL's are honest. Please keep in touch.

Buck Taylor ZSI-10175/ZS3 Buck has been on a diamond rig off Luderitz, South West Africa, and has now been home on leave, then back to work. Buck says that he still has not got an RX installed at his home QTH in ZSI but hopes to have soon. Buck did send in a very large QSL's received list. I am sorry that I did have to prune it a bit but 75 cards received in March must have been very nice for you.

Well that's the lot for this month and I will try to include each month - that's if I have room-extracts from your letters. Many thanks for the very nice comments.

Best of 73's and Good Dx,

Bernard G11362.

V.H.F. BANDS

Last month I said that April seldom produces anything exciting. In the main this turned out to be correct for, although we did have two spells of fine wx with a reasonably high barometer there was never any great amount of activity. As usual a few continentals found their way over to the S.E. corner of England on 2m and an odd one or two even got across on 70cms. Jack Forbing says that there is a lot of SSB activity on 6m with considerable QRM at times. It might be worth some of our contributors thinking of a six meter convertor for next year should see some of these stations getting across the herring pond. Although the band does not usually remain open for many hours each day, some very good signals may be heard at times. Monitor for Jan 1959 will show just what can be heard. Gordon Wyatt continues to bash on regardless of conditions making average conditions look like good conditions. G3TND in Bristol has increased the height of his 4ft dish on 23cms and puts a very good signal into Chepstow. Gordon Wyatt hopes to join our local natter band in the near future.

Logs for April

50 Mcs

J. Forbing. K9-9067. Indiana.

W8UKG, K8IXY, LNB, RPF, RZN, WA8IPE, TUE, W9DOD, JBD, YRL, K9CXV, FZV, OPC, RMI, WA9CCH, DFH, NNT, QKW, SDP.

Rx: HA-350/Ameco Nuvisor.

Ant: Mosley 7 ele Yagi.

144 Mcs.

D. Austin. G6599. Canterbury.

F5VA, 9NJ, G2TN, 3BAC, BHT, GTW, JCS, LIG, PSR, RST, UIK, UNW, PA0ACQ, LB, UNT.

Rx: G & D conv-HRO.

Ant: 10 ele Long Yagi @ 50ft.

R. Hayman. G9200. Folkestone.

FLAC, 5NS, VH, G2JF, VB, 3BAC, LSR, RST, TDP, TIR, TOZ, 5MR, ON4RY, PA0HSW, IA, UHS.

Rx: G & D conv - HRO.

Ant: 8 ele Yagi @ 25ft.

432 Mcs.

R. Hall. G8ATY, G11159. Derby.

G2FNW, 3BNL, FEFZ, KQF, NOX/T, 8ABP, ACB, AEM, AKE, ANK, ARG, AUE/P, AWW, AXW.

Rx: AF139-EC88-G2DD-AR88.

Tx: 15w to DET 24. Ant: 14/14 @ 30ft.

G. Wyatt, GW8ASA, GW8473. Barry.

F3YY, G2WS, XV, AUD, 3CBU, CFV, FRV, IRA, KEQ, LTN, MCS, MPS, NNG, OBD, TND, TWT, 6AAB/T,

8AAY, AAZ, ACE, ACI, ADH, ADP/P, AEJ, AFA, AFA/P, AHC, AHF, ALL, AKE, AON, AQA, AQC, AQD,

AQZ, ARD, ARH, ARL, ARM, ARV, AWR, AL, GW3CXY, DFF, LJP, 4CG, 6OAJ/T, ON4HN.

Rx: BF180, GMO290, GMO290 mixer, Hallicrafters S40R. Ant: 18 ele Parabeam @ 45ft

Tx: 104 watts to 2C39A.

W.E. Tomlin. G5114, Chepstow.

G2WS, 3MCS, MPS, TND, TWT, 8AGT, AHC, AQA, AQZ, GW8ASA.

Rx: 6AM4-G2DD-HRO.

Ant: 16 ele stack @ 40ft.

With a spell of fine weather and three contests reports for May should look a lot more interesting.

See you again then. 73 Walter.



...TRANSMITTING TOPICS...

Welcome to Alan Beazley, a new contributor to this section, who is now licensed as G3WEF. Alan has been an active SWL for 14 years and has passed through all the phases of amateur radio such as local, Dx, and VHF and now hopes to try these in turn on the air. Tx at the moment is a home brew running 10 watts plate and screen modulating a 6L6 PA, the Rx being a BC 312 with converters for 21, 28, 70 and 144 mcs. The aerial due to local restrictions is in the loft, being 132ft bent 4 times and end fed. Many stations have been worked on CW and fone. (Fb Alan, and we hope to have many more reports from you in the future....Cliff).

Dick Rugg G2BRR has managed an hour or so most days on 28mcs and worked quite a few new countries and ISWL members. We have many ISWL members scattered all round the world and Dick wonders if a DX net on 28mcs might not be a possibility... With the HF conditions improving rapidly the idea sounds excellent. Would members like to get together on this? Dick worked VE3GCO (3C3GCO) on fone and KV4CI, W8UM, K1LWI, VE2AYU and CP5EZ on CW. VP7NP was also worked on fone for a new country. Dick says that an AR88 has added to the efficiency of his shack..

Garry Hammond VE3GCO, has been having a very hectic time with his Student teachers, but has managed to be quite active on the HF bands, his score now reads 150 worked and 120 confirmed, and as SWL 310 heard and 304 confirmed...Some of the better DX from his log include... 20m SSB...4M4A, KR6AB, UWØIE, 4ULITU, I9FLD, 5T5KG, I7AA, PA9CN, YSLAG, I9RB, VK5LC, YSLACS....20CW. KR6JZ, UD6BW, ZS4AK, VK6WT, OX3CJ, OY3H, and UA's and JA's galore...15m AM...HK5AYH, PY8AAT, CO6RL, CE2MX, EL9B, ZF1RD, OX4AA, PJ3CL, VP6LJ, and many LU's PY's CX's etc etc...On 10m CW..VK3ZR, LX1DC plus all Europe and about 60 JA's!!! and on 10m AM..SV1DL, IS1BYR, ZD3E, 9J2BC, ZC4DW plus most of Europe...and of course G2BRR!!! (Fb Garry...you have a fine QTH for the DX it seems; do you have much spare time!!!!)

Brian Edwards G3RJB has been having a 'dabble' with contests which include the SPDX Test, CQ SSB and OZ CCA, also some time was spent with the USSR Contest. New country worked this month was VP7DX...some items from Brian's log...3.5mcs CW.. UA3JL, SM6DQO, GI5DX, K1DIR, YU3NAP, SL7BC, HA5AX, VOLAW(2322 gmt), LA, PAØ, SP, ON4 etc... 14mcs SSB...TF3HS, K7WPG/LA(Bode), DK1PH, EA3NJ, HBØADC, PY2SO, 4ULITU, SL4AQ, I2FRC, WLJFG, W2ONK etc etc and 14mcs CW...UWØ, UL7, UF6, ZB2AM, VP7DX, TA2AC, OY5NS, plus all the W's and VE1, 2 and 3...

Dave G3PQF, also had some fun with the CQ SSB contest on 10 metres, and says that the problem now is to get some QSL cards from some of the new countries worked!!! Dave has exchanged the Viceroy for a KW2000A and now has SSB on 160 metres. He worked HI8XAL on 20 and 40 metres and has already received the Qsl direct...Qsl's have also been received from ZD8BC, ZD8HL and 9M4LP but Dave is still about 45 confirmations short of the total worked...The following is some of the stations worked on 10 metres...CX3BBB, MP4TBO, XW8AX, 5H3KJ, CR7DJ, ZSLACD, 9Q5EP, YA5RG, JA3HZT, LULDAB, HC1EY, CR6IL, ZD8CX, PJ2CR and ZP5JP... which proves that this HF band is working very nicely just now...David says regarding the LALEE/P expedition...Einar said he would Qsl but it now appears that the logs have been sent to the U.S.A. for one of the Qsl managers to handle...

John Butler GW3VVJ has been having some TVI troubles...His neighbour suffers no ill effects where the picture is concerned but receives '3VVJ at S9 + John would be very pleased if anyone could give him advice on the Knotty problem where the TV sound only is affected...Conditions on 15m have been 'grim' in the mornings except very early when KL7, JA and HL9 and KW6 have been heard, however the band has opened to W6 by about 1600 gmt with 9V1 and 9M6 at strength S9.... Here are some of the Dx stations worked this month...VS6FZ, W4USx/VO2 (Goose Bay) W5QAL, WB4AUO, JA3JxJ, KV4CF, WB4AFK, 4X4YV, KØFPL. 5A3TN, WAØPXQ, W9JDX, W6FBX, OD5EC, VSOMB (maldive Id.) KL7WAH plus many other W's and K's....If any member can give John some advice on his TV sound troubles, his QTH is 81, Llancayo St, Bargoed, Glam, Wales..(Hope that you soon get the TVI cleared up OM.....Cliff.)

Walter E Wan WB2PVG is a Sergeant in the Military police, and thinks the ISWL a FB organisation. With a WN2 licence he worked 45 states and 35 DX countries on 15 metres. Equipment in use at the moment is Central Electronics 200v. and Drake T-4x Transmitters, Rx is a Collins 51S-1, and antenna a cubical quad (tri-band) on a 50ft tower. Recently a linear amplifier National NCL-200 with a pair of 8122 in the final has been added to the station, and activity on SSB is hoped for in the near future. Walter spends most of his time on 15 metres, his DXCC is 90/117, and hopes to increase considerably with the SSB. He QSL's 100% but reckons that his return is only about 50%. Most of his contacts have been with Europeans but mentions the following countries also worked...CR6, 5H3, EA8, VU2, FL8 FA9, FO8, HL9, FB8, OD5, ET3, KS6, KX6, KM6, MP4, OY3, SU, ST, SV1, UL7, UH8, VQ4, ZE1, ZD8, ZB1, OX3 4X4, 5A1, and ZC4....Walter says that he never uses more than 100 watts input even on SSB 20 and 15 and was amazed to get 5 & 9 plus 20 in ZL, HL, and MP4..... (Well that is FB Walter, guess that the Quad on the 50ft tower does the trick eh?) We look forward with interest to you future reports using the Linear Amp OM...)

Well....thats all for this month. All Topics reports by 7th to Cliff Emeny 7, Parkside Gdns, East Barnet, Herts. Many thanks for all letters and reports, Cheerio best wishes from

Cliff.

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MEET OUR MEMBERS (Continued from page 200)

I hold several awards, among them Century Club Award, European Award, DLD-H HADM, RADM, AHCH, HAC, H-21-M, 100-SM, DUF, Z-38-C, 5N2-Award, 5A-Award, DVQ and many others. I am a member of the Certificate Hunters Club (CHC-SWL-22). My other hobbies are travelling around the world and taking photographs. The countries I have visited until now are: DM, SP, LX, PA, OE, EA, F, ON, I, HB, HE, PX, and 3A. I hope that I will be lucky enough this year to get the 200 countries verified.



MEET OUR MEMBERS

THIS MONTH:- ELLIS CLARKE, G-11289, 26 SHIRLEY PARK ROAD, SHIRLEY, SOLIHULL.

I was born in 1916 at Klipsprute, near Johannesburg, South Africa. (To John Swart and Richard Ginbey: What's the Rand Club look like these days, and the bar at the Wanderers Club on a Sunday a.m.?) My last visit to South Africa was during the War. I left in '19 via the United Kingdom for Canada, my last QTH there being RR No.1 Simcoe. (Are they still growing some of that good tobacco these days in Ontario, Lee?) I came back to the U.K. in 1926 and remember this trip on the S.S. Malita, long since scrapped. I joined the Royal Navy in '36 and saw the world at Government expense; there were a few 'ups and downs' during the War but my luck held. My main hobby is golf but I do not play so often these days.

My first receiver was given me in 1963. It was a Pye PE93U. I was told that it was not very good but I got about fifty countries verified with it. I joined the ISWL in 1964 and in the Autumn had my present RX, the R.G.1 + Variometer, and a few months back, having passed the 100 countries verified, I added a Q-mult. I am hoping to have a better RX when funds allow. Antennas have been a big problem at this QTH and many forms (all indoor) have been tried. It would take up too much space to describe how to bend a 100' wire, or fit in a dipole, but they work to some extent.

I would like to know who coined the phrase "easy stations". They are all damned hard starting with no knowledge and waste many hours. At least now I do know what I am looking for. I have my favourite stations that I tune but my main interest is in new countries and the QSL's. Since having my first Monitor - April 1964 - it is thanks to all contributors, past and present, of "The Broadcast Bands" that I have got this far, and I would like to express my thanks to Sid Smith, Al Martin, Peter Ilisch and Richard Leggett for their help and many offers of help. Finally - a query: If all stations were to verify all reports return post, would there be the same interest? What do you think?

AND ALSO:- PETER SCHWIERZ, DL-8913, 8741 WALDBERG, WESTERN GERMANY.

I am 23½ years old and became interested in short wave listening 11 years ago as a BC-listener. One year later I wrote an article in a German journal about amateur radio and I began to listen to 7 mc/s where the first station I heard was HB9TC in QSO with LX1TJ. In 1958 I decided to join the D.A.R.C. The first RX I used was a Blaupunkt (bluespot) receiver with 40 and 20 metres. In 1960 I joined the ISWL with the help of Mr. F.W.Kradepohl, who is also a member. In the same year I bought the RX Lo 6K 39, an old German Army RX, with all bands from 1.8 to 21 mc/s. The antenna used here was a 20m. long wire. Until June 1965, when I finished High School, I heard 10,006 stations from 224 countries and 38 zones. At this time I had 148 countries and 33 zones confirmed.

In October 1966 I had to join the German Army, where I had to stay for one year in a Medical Company. For this one year I was not able to be QRV. After my Army service I went as a student to the University of Würzburg to read medicine there. I bought the special amateur receiver "Mikrohet" and the "Joystick" antenna, to be able to be QRV from "Würzburg time permitting. Until now I have heard 10,400 stations from 235 countries and 38 zones and 159 countries and 35 zones are confirmed.



# THE BROADCAST BANDS

Editor.- Richard Leggett, Southlands, Fair Oak Lane, Oxshott, Leatherhead, Surrey, England.

This month's reporters.- Terry Collins, St. Helens; Al Martin, St. Helens; David Richardson, London; Chris Mitchell, Ewell (nice to have you again! Ed); Peter Ilisch, Westfalia; Geoffrey Gilham, London (welcome! OM); Ellis Clarke, Solihull; Robert Jackson, Glasgow; Edwin Sloan, Enniskillen, N.I.; Lee Graves, Dillon, Montana; and your Ed.

Abbreviations used.- "s.off" - sign off, or close down; "Sp" - Spanish; "E" - English; "mx" - music, "nx" - news; "ann" - announcement; "//" - frequency carrying same program; "sce" - service; "xmsn" - transmission; "w-" - with, or program consisted of.....; "A" after number - approximate; "id" - identifying announcement; "LA" - Latin America(n); "add" - advertisement; "GSTQ" - British Anthem.

First, I must clarify one point; our member Al Martin mentions, with regard to what was said at top of page 169 last month. "Methinks we are getting very selective. It will be interesting to see just what the junior members will select for their "top 20." "My object was not to stop people from reporting, far from it, but to put a limit to the number of loggings per person; it is irrelevant whether they are DX or not. In fact, the largest number of loggings that I have taken out this month from any one log has been five, and that was from one containing over thirty items. From all others only between none and four have been taken out, so PLEASE have no fears that your loggings will be made no use of, because they certainly will.

The Overseas Log. (a one man show, cheers for Lee!!!!)

<u>kcls.</u>	<u>Station.</u>	<u>GMT</u>	<u>SINPO</u>	<u>rprr.</u>
6180	La Voz de Guatemala w-mx and Id	0540	55454	LG
9505	Prague s.on and Id in E	0300	43343	LG
9570	R. Australia talk and mx	1525	54454	LG
9705	R. South Africa s.on and nx in E	0130	55444	LG
9735	Deutsche Welle, Rwanda s.on in E	0445	55444	LG
9833	Budapest "Questions from listeners" in E	0330	55344	LG
11810	Bucharest Id and mx in E	0450	55344	LG
11850	R. Norway talk in Norwegian	0410	54444	LG
11855	FEBC Manila w-s.off after English	1740	55444	LG
11875	VoA Poro, Philippines call and Id in E	1630	33332	LG
11880	XEHH Mexico w-mx in Sp	1940	45434	LG
11880	R. Sweden s.on in E	0400	54444	LG
11890	R. Berlin International s.on and Id in E	0445	55344	LG
11900	R. South Africa "Music of the Bantu" in E	0000	54544	LG
15360	VoA Monrovia request mx in E	1720	55444	LG
15445	VoA Monrovia same as above	1715	35433	LG
17840	R. Australia s.on in E	0100	35233	LG

From European members.

3222	R. Mauritania w-talk in Fr	1935	43443	TC
3232	Tananarive	1740	23332	PI
3260	Tentative Niamey, Niger w-mx	2035	22332	CM
3270A	Time signals (no idea, Peter Ed)	18- 2300	24422	PI
<u>3277</u>	RRI Djakarta w-pleasant singing, lady ann (id? Ed)	2340	31232	AM
3310	Unid in LA w-popular mx for few minutes	2325	-----	AM



3315	Fort-de-France, Martinique w-French mx	2315	31121	AM
3320	R. South Africa	1830	43443	PI
<u>3375</u>	CR6RZ Angola w-Portuguese mx and Id	2330	31222	AM
<u>3380</u>	Malawi	1745	22422	PI
3315	R. Gazeta de Alagoas terrific signal w-adds and mx	2320	51422	AM
3910	R. Barlavento, Cape Verde pop mx	2338	32232	AM
4335A	Unid time signals and Ident "FUB"	2155-	2200	----- PI
4715	R. Cl. Mindelo, Cape Verde	2230	23433	EC
4760	R. Cl de Mozambique w-Id	2002	23333	EC
4765	Brazzaville, Congo (B) in Fr at 1850 and	2020	32332	PI/CM
4770	R. Bolivar, Venezuela w-LA,mx adds and Id	0040	44333	DR
4770	ELWA Liberia religious in E	2020	33433	CM
4777	Libreville, Gabon popular mx 1945 and at	2057	41231	DR/AM
4783	Mali	2040	23343	EC
4785	Dar es Salaam	1730	32432	PI
4795	R. Commercial de Angola	1850	23433	EC
<u>4807</u>	R. Cl de Sao Tome relaying Lisbon 2100 s.off at	2232	34434	EC/CM/AM/ES
4810	R. Popular, Venezuela w-LA mx, adds and Id	0155	42433	DR
4815	Ouagadougou nx in Fr (watch SINPO Al.Ed.)	2115	21121	AM
<u>4820</u>	Tentative Gambia above Angola (congrats!! Ellis)	1945	-----	EC
4835	Bukavu, Congo (K) in lang.	2015	43443	TC
4835	Mali w-nx in E	2005	43433	CM
4843	RTV Congolaise, Congo (B) Id 1900 and w-local mx	2145	43443	EC/TC
4845	R. Bucaramanga, Colombia LA mx, Ids	0230	32222	DR
4860	R. Mundo, Venezuela "R. Maracaibo musical"	0200	43444	ES
<u>4872</u>	R. Santa Cruz, Guatemala s.off with no Anthem	0102	33443	ES
4880	Kinshasa, Congo (K) in French 1920 and at	1930	24343	TC/EC
4880	R. Comercial, Dominican Rep. "mejoral" add (it's a pain-reliever Al. Ed) and English pop songs, Id	0000	42122	AM
		0005	43223	DR
4885	Kenya between 1725 and s.off after nx in E	2005	43433	EC/PI/TC/CM
4900	Voix de la Revolution, Conakry (slipped ex 4910?) nx F	2000	34343	PI
4904	Tchad	1900	23332	EC
4910	HIN, Dominican Rep. light mx 0403, and s.off	0502	34433	DR/EC
4911	Lusaka between 1730 in E and abrupt s.off	1830	44434	EC/TC
4915	Kenya at 1720, and in Somali to s.off same station heard by Ellis on 5855A to s.off 2235.	1830	54444	EC/PI
4915	Accra w-nx in E	2010	43433	CM
4920	R. Cordac, Burundi hymns and anns in Fr	1830	34333	TC
4925	R. Cl de Mozambique CW QRM	2140	22342	EC
4926	R. Ecuatorial, Bata s.off after nx summary	2307	44444	ES
4940	Abidjan above Kiev	2010	23332	EC
4976	Kampala pop records 1900, and light mx	2015	33433	TC/CM
4985	Unid Brazilian (how about Ecclesia, Angola? Ed)	2015	33433	CM
4995	R. Brasil Central w-pop songs, Id	0054	33322	DR
4995	Omdurman	1835	24343	EC
<u>5014</u>	R. Cristal HIMS Santo Domingo asking rpts. 16/4	0230	34333	ES
5025	Emisora Rural, la Voz de Sao Fransisco, Brazil	0000	42222	AM
5026	Kampala at 1815, and in local dialect	1925	33333	EC/TC
5035	Bangui, Central African Rep. drum mx	2105	33343	TC
5041	Bissau w-light and popular mx	2100	43433	CM
5044	CR6RF Angola at 1920 and	1945	33443	PI/EC
5045	La Voz del Altiplano, Peru w-local mx (I think not, Al, see next item.Ed)	2340	42332	AM



<u>5045</u>	Emisoras Altiplano, La Paz w-not much Bolivian mx from 0500 til fade-out after 0700. Full Id is "CP35 y 38 Radioemis. Altiplano de la Paz, Bolivia, 820 kc o.m. y 5045 o.c. desde la cumbre del mundo hasta el punto preciso de su dial."	0500	54343	RL
5970	R. Horizonte, Colombia w-nx in Sp	0030	43242	GG
<u>5979<sup>1</sup></u>	Georgetown, Guyana nx in E and sports nx, muffled, clear till BBC 5975 starts 0055	0045	44443	CM
	also w-musical memories prog. from	0125	42442	RL
<u>5979<sup>1</sup></u>	Godthaab w-talking (never much else!)	0015	42422	RL
6015	Abidjan w-nx in E	1832	33343	EC
6020	Kiev in E and QRM from R. Nederland	1915	32332	GG
6070	CFRX Toronto records	0720	24343	TC
6082	R. Nac. del Peru "Hora oficial peruana" good	0300	34544	ES
6095A	La Voz del Centro, Colombia mx and Id	0245	32222	DR
<u>6106</u>	Mogadiscio, Somali Rep. in E 1731, add, Somali at (lately noted back on 6096 Ed.)	1801	34544	EC/ES
6130	CHNX Halifax w-mx and adds	0710	34444	TC
<u>6139</u>	cf. last month, R. Santa Cruz, Bolivia often w-many pop records, Id begins w-piano notes	2240	23432	RL
6165	XEWW Mexico w-program sponsored by "Banco de Londres y Mejico" to s.off at	0505	33443	RL
6180	La Voz de Guatemala "Esta es TCW" enjoyable	0550	44343	AM
<u>6250/2</u>	R. Cuzco w-Ave Maria 2337, and s.off	0502	34444	AM/ES
7165	Tripoli for about an hour	1740	33443	EC
7210	AIR Delhi film mx	1640	44444	RJ
9610	Perth w-Id then mx	1400	23333	TC
9680	Melbourne relaying 3LO to 0830, and weak w-Id	0945	24422	TC
9695	R. Rio Mar, Brazil speeches	2325	52332	AM
10000	WWVH Hawaii under WWV w-voice ann	0810	23333	TC
11710	Vilnius, Lithuanian SSR nx in E	2230	54444	GG
11710	R. Australia musical prog.	0830	44444	RJ
<u>11715</u>	VoA Okinawa Id then in Chinese, heavy QRM Moscow	2302	32332	GG
11720	CBC Canada w-folk mx	0640	44334	RJ
11730	Kiev s.on and nx	1900	54433	GG
11735	Rabat w-nx, mx and wx in E	1830	43533	GG
11780	R. New Zealand w-nx	0730	43433	TC
11835	VoA Colombo in E from 1730 to	1800	34433	GG
<u>11865</u>	Kabul in E	1800	54544	GG
11865	FEBC Manila nx in E	0905	34343	TC
11880	Melbourne VLHII English lessons	2020	44444	TC
11900	Kiev in E to N. America	0030	54444	CM
11915	R. Gaucha, Brazil Id	2311	54333	AM
11925	Tashkent, Uzbek SSR in E 1405. s.off at	1428	54544	GG
11960	R. Soc Nac de Minería, Chile w-play	2350	31321	AM
11965	R. Japan nx E	2040	23332	RJ
15000	WWV Ft. Collins U.S.A. clear	0140	44444	DR
<u>15000</u>	WWVH Hawaii regular AMs under RWM? (yes, Terry, it probably is. Ed)	0930	43443	TC
15110	XERR Mexico between 2300 w-Mexican mx, adds and	0042	43343	TC/AM/DR
15115	HCJB Ecuador in Portuguese	0000	55444	GG
15165	Damascus in E w-nx	1701	34544	ES
15170	Damascus in E to 1700 then in French	1645	54433	AM



15195	R. Japan w-G.O.S.	2100	-----	PI
15220	Bonaire relaying R. Nederland QRM VoA s.off	2220	32332	DR
15230	VLH15 Melbourne w-jamming 15225	0620	33443	TC
	also station thought this w-pops, extremely weak	0300	-----	RL
15240	KGEI Calif, w-Id in Sp then nx briefly, weak	0300	-----	RL
15240	R. Australia "bright and early" (bright and late, for us in Europe!!Ed)	2115	43433RJ	
15250	VoA Philippines Id in E 1400 then in Thai	1400	43344	RJ
15255	R. Peking (no apologies) in E w-talk	0145	25531	RL
15265	Siberian relay of Moscow s.on in Vietnamese	2230	33512	RL
15300	R. Japan nx in E	0700	33443	TC
15385	FEBC Manila testing in E	0615	23433	TC
15410	AFRTS Calif. s.on but without any Id except VoA tune	0245	23521	RL
15425	Perth heard daily until close at	1015	34333	TC
15426	Voice of Free Korea in E then French	0645	23333	TC
15520	Pyongyang in E	0845	24232	TC
15925	NPO Sangley Point, Philippines	2100	-----	PI
17530	NPN Guam time signals	1755-	1800	-----
17850	VoA Delano in Chinese, Del/Dix also 17765/820	0045	25522	RL
17890	BCC Taiwan Chinese mx 1815, and "This is Taiwan"	1823	41232	ES/AM
20000	WWV Colorado time signals	1720	35433	TC
21495	R. South Africa w-Joburg Stock quotes and nx in E	1145	45444	DR
		1800	33433	RJ
21530	WNYW New York "Hit Parade"	1940	32243	RJ
21540	R. Australia // 17870 w-light mx (still there)	0115	25521	RL
21545	Accra nx in E	1515	33343	RJ
5965	cf. April issue. Is Malaysia (SCDX)			
6115	cf. May issue. Could be Brazzaville (SCDX)			

That concludes what must be the smallest log that we have ever had! But don't blame me for it, you know what can be done to remedy this. Anyway, thanks for some more really interesting ones.

Equipment used by our (valiant few!!) reporters.

Lee Graves Hallicrafters S-40 and S-120; longwire 40 ft. long, 30 ft. high.  
Terry Collins. Collins (named after you OM? Ed) 5IJ-2; l.w. 150 ft. x 20 ft.  
Chris Mitchell. RI475, PR30 preselector, RQIO Q-mult; l.w. 60 ft. x 15 ft.  
Peter Ilisch. H2L of 1930A; l.w. 80 m x 20 m.  
Roger Taylor. Eddystone EC10 + Codar preselector (can't make mine work!Ed)  
Ellis Clarke. R.G.I. + var; QPM16 Q-mult.  
Robert Jackson. Eddystone EC10; indoor joystick.  
Edwin Sloan. Eddystone 940, BC221; aerial 70 m long. II m. high.  
Richard Leggett. Eddystone 840C + RQIO Q-mult; l.w. 35 m. long, 7 m. high.

QsIs received.

David Richardson. R. Juventud C 10d; R. Popular C 14d; R. Mil C 12d; R. Continente C 12d; ZYN32 C 14d; Vilnius C,L 6w; ORTF Brazzaville C 2m; Luxembourg C 6w; RTV Congolaise C,L 5w; WWV folder 3w.  
 (enough to keep you happy for some time, David! Ed.)  
Lee Graves. WWV; Tirana L7w Bucharest C,L, sked 4w.  
Terry Collins. Rabat C, map 2m, VLH9 2C 19w; Zambia C,sked IID; WWV folder C 3w.  
Chris Mitchell. Sao Tome C from Lisbon.  
Keith Phillimore. R. Aparecida C,L,P, stamps Im. See also below..

Peter Ilisch. PRK5 C,P 5m ZYR78 L,P, 3y; YDJ C 3m; Tripoli L 4w; 4VEJ C 2m.  
Roger Taylor. WINB C 3m DW Kigali C 4m; DW K8ln C 2w; NHK C 13w; Ankara C 3w;  
VoA Tangier C 10w; Lagos C 14w; Tirana C 22w; Uganda L 12d.  
Ellis Clarke. VoA Cs for Woofferton, Thessaloniki not stating QTH; CHNX C 25d;  
CFRX C 29d; Rabat C, map 26d, CR4AC C 18 $\frac{1}{2}$ w; Iraq C 19w.  
Edwin Sloan. Godthaab C, stamps; RTV Gaucha L,P; Tripoli L; Radiodif. Haitienne  
L, stamps; KGEI C. (Edwin, in arecent letter I had from Helge Krogh  
he said he had received a report from Ireland for xmsn on 3999, was  
that from you? Congratulations if so, I have always regarded it as  
a frightful frequency ! Ed.)  
Richard Leggett. Tahiti C (no marks for guessing what it depicts) L signed M.  
Espinasse, sked, stamps, large tape of Tahitian mx (FB)

Radio Cordac, Burundi. (info kindly sent by Edwin Sloan. )

Radio Cordac is an evangelical station dedicated to preaching and teaching the Gospel. It is a work of faith, being supported by free-will contributions. Located in Africa's most populated area - 250 people per square mile - it is non-commercial and political. The programs of Cordac consist 75% of Gospel broadcasts and 25 % educational. 18 program suppliers and studios in Africa, Belgium, France, Switzerland, Britain and U.S. help to provide programs. A christian literature centre, located in central Bujumbura, distributes books, tacts and periodicals in four languages. The only Christian radio school of scope in Africa is run by Cordac,.

Frequency and power details are as in WRH67, but soon 5kw. of power is to be added. Transmission times are 0330-0430, 0930-1100 and 1630-1915. Broadcasts are in French, Swahili, English, Kirundi and Ehembe - a Congolese language. Cordac can boast Burundi's only FM transmitter, which was actually obtained from station KJRG in Neaton, Kansas, after this latter had placed in use a more powerful one. It began operation in April 1966. and serves mainly as a link between studio and xmtr.

Technical Director is James Morris. Confirmation is by stencilled letter, signed by Robert D. Kellum. About six missionary families are resident at Cordac, who are very interested in reports and if possible tape recordings. Each listener's address is noted, and any changes are advised to each listener. Free schedule and other information may be obtained from the station, at B.P. 1140, Bujumbura; including their bulletin "Skywave" which seems to be issued several times each year.

Sao Tome Relay Station. (our thanks to Ellis Clarke for this.

Radio Portugal has introduced its first relay station. As from March 1st all its transmissions in English have been re-broadcast from the 10 kw. transmitters on the island of S.Tome at 2145, on 4807 kc/s. Target area is the African Continent. While the editorial and press roundup will be topical, the cultural programs will be broadcast 8 days later. Thus listeners who have copies of this schedule (i.e. R.Portugal listeners' magazine Ed) should bear in mind that all the programs shown on given days will be heard on the same day of the following week. The one exception is "This week in Lisbon" normally aired on Sunday nights. This will be replaced by an entirely new program "African Forum" Reception reports and other correspondence can be sent to R. Portugal either at Sao Tome or as usual to Rua do Quelhas 21, Lisbon. Plans are in hand to produce a special QSL. Card and details will be made known.



Lying right on the Equator, Sao Tome is the most south-westerly of a line of four islands running diagonally across the Gulf of Guinea. Next door is Principe which was originally known as St. Anthony but later changed in honour of one of the Crown Princes. The other two islands, Fernando Poo and Ano Bom (or New Year's Day) were also discovered by the Portuguese but later ceded to Spain in 1788. The archipelago lies due to south of Nigeria, due west of Gabon. It was discovered by two Portuguese navigators, John of Santarem and Pero de Escobar between 1470 and 1471.

Keith Phillimore writes "I have noticed from "Monitor" that several DXers have had to wait 3 years for a verification from Radio Aparecida. I have received a QSL Card, Station's pennant, 14 Brazilian stamps and a very nice letter in English from Jose Diny's - International Correspondence chief - after only one month. In his letter he states that he would like to receive pennants, postcards, stamps (his main hobby), a photo of the DXer for his International Album, from the DXer with his reception report (in Portuguese). His address is Jose Diny's, International Correspondence Chief, Radio Aparecida, Praca N.S. Aparecida 315, Aparecida, Est. Sao Paulo, Brazil." So get writing, all you friendly people! Thanks for the news, Keith.

#### Schedule changes.

Afghanistan. Now to Europe on 11770 and 15265, English 18-1830 (but see log)(SCDX)

Ascension Is. Is now using all 4 250 kw. xmtrs. on 9580, 9670, 11820, 11860, 15105, 15140, 15180, 15235, 15400, 15435, relaying BBC. (SCDX)

Botswana. Although in WRH67 the BBC station is given as Inactive, is in fact still on 4845, s.off 0915 and s.on 1630. (SCDX.)

Clandestine. Peyk-e-Iran is evidently located in East Berlin (SCDX). The QRA of R. Euskadi (thank you, Al!Ed) is 48, Rue Singer, F-75 Paris 16, or alternately B.P.59 Paris XVI. (WRB) QRA of R. Espana Independiente is P.O. Box 359, Prague I. (WRB) Just to complete the list, QRA of R. Free Russia is 125bis, Rue Blomet, Paris XV.

Dominican Rep. R. Cristal (see log) on 5010 with 800 watts, wants reports.

QRA: Apartado 1322, Santo Domingo; also tapes at  $3\frac{3}{4}/7\frac{1}{2}$  i.p.s. (SCDX)

Greece. VoA have closed Greece xmtrs due to censorship. (SCDX.)

Haiti. Radiodiffusion Capoise, Cap Haitien is to start mid-May on 6175 with 500 watts. II-1500, 21-0300, Sundays 17-0300. Reports to P.O. Box 393, Port-au-Prince (i.e. not Cap Haitien.) (SCDX) 4VEH now runs to 0330 in both of its dual services. (4VEH.)

India. AIR station on 4800 is evidently Hyderabad, not Delhi, 1600A (WRB.)

Indonesia. RRI station on new 5065A is Medan. (ASWLC.)

Korea. KBS Seoul is once more using 11950 for Home Sce relay. Heard in Japan 0530A and 2130. (JSWC.) A.F.K.N. is on 14425 and 7525 with 100 w. SSB 24 hours a day (JSWC.)

Laos. The Government station reportedly on 6195 to close 1500 after French. (ASWLC.) If so, freq. and time and language are all changed (Ed.) Pathet Lao heard in Japan on 7315A // 6199 1230. (JSWC.)

Malaysia. R. Malaysia, Kuala Lumpur on new 3967 to s.off 1631. (JSWC.)

Mauritius. Although reportedly moving to 4900, is still on 4850 to s.off at 1830. (WRB.)

Mongolia. cf. last month. "Ulan-Bator on 7365 in Spanish" was, of course, just Moscow (as could be guessed Ed.) (ASWLC.)

Netherlands. R. Nederland are issuing a nice red-blue-white QSL to celebrate their country's participation in Expo 67 in Canada. Only 5000 to be issued from April 28th (R. Nederland.)

Nicaragua. A new station Radio Mar at Puerto Cabezas is reported on 9280 to s.off 0200 (SCDX.) Do not confuse when searching for it, with the clandestine R. Libertad on about 9295 (Ed.)

Peru. R. Panamericana has drifted to 5982, heard in England 0000. (WRB.)

U.S.A. Our contributor Terry Collins mentions that WWV now announces time in G.M.T., no longer Mountain standard time. (TC.)

Vietnam. Hanoi now on sked; 10-1030 on 9760, 7210; 13-1330 11840, 9840, 7210; 1530-1600 same; 23-2330 on 11840, 9840, for English. (AM.)

Zambia. Lusaka now on extended schedule: General See on 3295, 4911, 6165, 7240; and Home See on 3346, 4965, 6060, 7220. Not all same time (TC.)

Chit-chat and personal column.

Al Martin asks "Would it be asking too much to ask how you obtained the report?" (p. 172/3). No Al, it wouldn't!! It was a photo-copy in a LA magazine....I'm not convinced re 5010, Al, but do not wish to "split hairs."....Terry notes that WWVH has voice announcement a few seconds before WWV, that's right OM; I think WWVH normally starts with CW ann 2 or 3 secs. after the pulse for 4 minutes past the 5 mins., and WWV starts 2 or 3 secs. after the voice ann has ended, so that they do not interfere with each other....congratulations to Ilbeyi in Ankara for being awarded honorary medal by Deutsche Welle for monitoring. I can see no British names in the list....Ellis when writing had just received back 9 lessons from Portugal, and has only 4 more to do, and reckons it has been well worth it, now you can build a fine collection from PY-land, Ellis! You made a nice catch with Gambia, I believe the QSL is quite a nice one....Roger Taylor found an unusual station,- "The most interesting station that I heard this month was not in the BC bands, but on 5680 kols. This was "Plymouth Rescue", the flight control station controlling the movement of aircraft around the ... Torrey Canyon and the Cornish coasts. Reception of the shore station was excellent here, whilst the airborne xmtrs were also quite audible. From Easter Monday onwards I enjoyed a running commentary on the operations, culminating in the eventual bombing. I found this extremely interesting, and ignored the more usual stations for a few days because of it."....hope to have a log from you, Roger, and remember that all signal reports are estimates only, so in that respect at least the lack of an S meter would not be serious....it seems that the Deutsche Welle DX Bulletin is one publication not wishing to help towards friendship through radio; acknowledging a letter, they write "I ask you to avoid news about communist countries; they are, of course, interesting to know about, but we usually won't publish them in the DX-bulletin." Not very commendable, in my view at least (Ed.)....Lee Graves writes that he has been appointed the North American representative of the Association of German speaking DXers and DX Clubs, and may be featured on tape over Deutsche Welle. By all means take tips from this section, Lee, it might give us some needed publicity! Lee asks whether anyone can translate his reports for Latin America into Spanish? Anyone willing to do so can reply via me....two people have told me of stations proving "black" as regards QSLing (see last month's "Monitor" p.171), many more are needed if any scheme is to work.

Just received is a late log from J.M.Simpson In Hassocks, Sussex.-

3204	Ibadan in E	1945	22222.
3220	Mauritania in French w-guitar mx	1945	43332.
3240	Abidjan songs in Arabic	1920	43333.
3262	Niger lady reading nx in French	1925	22222.



3375	CR6RZ Angola nx in Portuguese, and freq. and time details	1920	32333.
3910	R. Barlavento, thick speech, dance mx	2225	32322.
4735	AIR Delhi w-Hindi mx	1705	33222.
4747	El Mundo, Ecuador tentative, definitely Spanish, bugles at (if it's an Ecuadorean, more likely El Progreso, but it's rather early; maybe a local Spanish station? Ed.)	2155	22222.
4765	ZYN37 Brazil w-serious type of program, nx	2205	32222.
4808	St. Denis tentative nx in French and light mx (no, OM, St. Denis is on 4820. See log under 4807 Ed.)	2115	32322.
4840	AIR Bombay w-Hindi mx	1710	33222.
4840	Bukavu, Congo (K) French/E language lesson	1905	43333.
4885	R. Cultura de Pocos de Caldas deep chimes, discussion	2100	32322.
4920	Tentative R. Cordac w-religious songs	1815	32222.

The World of Broadcasting . (from various sources.)

The BBC started its Empire Service in 1932, in English only. A curious feature of its development was the reduction of some language broadcasts: Gujarati was abolished in 1944, Cypriot in 1951, Afrikaans in 1957, and Marathi in 1958, which corresponded to the gaining of Independence of certain countries. The European languages used by the BBC were reduced, and newer services are those in Swahili, Somali and Hausa. This is in contrast to the Soviet policy, of increasing the number of languages until now they broadcast in nearly twice as many as the BBC. Russian broadcasts in foreign languages began in 1917. Thus, USSR reaches with its programs into areas from which the BBC has, so to speak, withdrawn. In 1950 Britain led the world in number of broadcasting hours, but in 1966 had fallen to 6th place when overtaken by West Germany. UAR (Egypt) is expected to be the next country to exceed Britain in number of hours. In 1965 Britain's quantity of broadcast hours was slightly less than in 1950; whereas that of USSR had more than doubled, & that of China had increased by over 13 times. The output of VoA over the same period went up about 3/4. About 9 % of BBC External programs consist of "English by Radio." In 1965, USSR came first in number of hours, East European communist countries as a group 2nd, China 3rd, VoA 4th, BBC 5th, W.Germany 6th, UAR 7th, North Korea 8th, Australia 9th, Japan 10th, Spain 11th, Cuba 12th and Portugal 13th.

It was recently reported that the Botswana Govt. will assume responsibility for the security of the BBC station at Francistown in a few months' time. So we still have time to hear it before the service is perhaps modified or stopped!

It has also been reported that Britain has given substantial aid to Laos last year, much of it for a (unspecified) station, with several repeater stations in the country. Perhaps soon in a WRH we will read of easier-to-hear services!

Well, I have used every ounce of information that I have; and 'Im sorry that we have only 8 pages this time. It is said that the number of shortwave listeners is increasing all the time, but not so for us in this section. If members wish the BC section to continue in existence, far more active participation is needed. And do not let shyness or lack of accurate frequency measurement stop you from contributing. Every item is used, nothing is ignored, so please think about it. Reports to reach me by June 8. Best of listening to you all!

RICHARD.

1st I.S.W.L. BROADCAST BANDS CONTEST 1967 --- RESULTS.

The 1st I.S.W.L. Broadcast Bands Contest of 1967 was held on the 4th and 5th of March, and drew seven entries. This is a considerable number lower than in previous years' contests, and it is hoped only a temporary fall.

The results of the contest are given below.

Member	League no	RX	9	11	15	17	Total	QTH
<u>EUROPE.</u>								
1. I. Agabeyoglu	TA-11876	(not given)	15	11	15	12	78	Ankara
2. B. Croscombe.	9H1-11026	Lafayette HA63+PR30	12	7	24	13	71	Siggiewi
3. F. Wasserrab.	OE-10589	Telefunken E52a-1	10	9	13	6	53	Vienna
<u>NORTH AMERICA.</u>								
1. J.E. Stevenson.	WA9-12356	Hallicrafter S-23	18	12	12	11	88	Delavan. Wis
2. C.J. Hayman	VE3-12314	Regency WT4	17	9	5	6	57	Bowmanville
<u>OCEANIA.</u>								
1. F.H. Price	VK6-4222	AR 8	15	20	19	12	101	Mt Hawthorn
2. J.R. Bentley	VK5-8510	Eddystone S-740	3	4	5	3	20	Elizabeth East.

Our congratulations are extended to the three winners of this contest. They are Ilbeyi Agabeyoglu (Europe), John Stevenson (North America), and Harry Price (Oceania.) Certificates of merit have been sent to Ilbeyi, John and Harry.

Comments from members taking part in the contest are always interesting, and now follows a few selected at random. "This was the first time I was entering a contest, and was sure looking forward to it" (Ilbeyi Agabeyoglu). "QRM was terrible in places, particularly 25 and 16 metres, which bands were crammed with jammers and precious little else" (Bes Croscombe). "Enjoyed your contest very much; It was the first contest I have ever entered" (John Stevenson). Conditions were not as good as the last contest, but what I helped was many stations changed schedule on Mar 5th" (Harry Price). "I intended to start logging at 0330 local time, but unfortunately slept late: QRM was rather a nuisance from local people using power tools, but apart from this the contest was most enjoyable" (John Bentley).

Our second Broadcast Bands Contest 1967 will be held on 16th/17th Sept. and it is hoped many more members will take part; All entries are very welcome however small they may be.

Clifford A. Tooke.



EDITORIAL (Continued from page 178)

ATTENTION VE3 - SWLS. Mr. D. Noon, ISWL VE3-11367, 1434 Brydges Street, London, Ontario, Canada, asks all VE3 short wave listeners to send him a self-addressed stamped envelope, with their names and calls. He frequently receives cards from Bureaux for SWL's in VE3 and unless they are members of the I.S.W.L. or known to him he cannot pass along the cards to the listeners.

ILLUSTRATED CERTIFICATE GUIDE Christian Zangerl, OE9CZI, Donbirn 1, Nachbauerstrasse 28, Austria, has published an "Illustrated Certificate Guide" showing 78 amateur/SWL awards. The price is 7 IRC's or one U.S. dollar. We have not seen a copy of this book and are not therefore in a position to review it.

I.S.W.L. QSL BUREAU. A large number of QSL cards is still being sent to the former address of the I.S.W.L. QSL Bureau. Readers are advised that cards should be sent only to 87 Dunnington Road, Wootton Bassett, Swindon, Wilts., England.

ADVERT !! Identify yourself during the Summer with League blazer badges, lapel badges and League ties - all good value for money. For details see the back cover of this magazine.

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