

Results

June VHF

QSO

Party

REPORTED BY AL NOONE,* WA1KQM/WB6SAZ

DESPITE seemingly normal band conditions for this time of the year, the June VHF QSO Party certainly had its moments.

Sporadic-E activity on 50 MHz. was widespread throughout most of the country and while section totals were rising to hitherto unparalleled heights, multi-hop and scatter communication was providing many a station with that "rare new state." Conditions on 144 MHz. were good, but we could sure use more activity on this band. Particularly gratifying was the increased level of activity on 220 and 432 MHz. Section totals of 10 and more were not uncommon on these bands.

Logs were received from 412 stations in 70 sections representing Canadian provinces and 1 foreign country. Certificates are scheduled for mailing on September 15th.

Leading off with the single-op multiband category, our congratulations go to WA5RMS in Miss., with a score of 16,740 (AB). Finishing a strong second was W2CRS in ENY, with 16,569 (ABCD). K3WJB in EPA, turned in the only other score above 16K with 16,116 (ABCD).

The rest of the Top 10 are as follows: K2OJD 13,992 (ABD); WB2YZV 12,750 (ABD); K9HMB 11,977 (ABD); K6YNB/6 11,592 (ABCD); K1AGB 11,130 (ABCD); WA2BBS 11,074 (AB); and WB5AEH 10,896 (AB).

Single band leaders were (50 MHz.) WA5VCF 14,651; WB4BND 11,400; WB6HIL/4 9282; WB5AJM 8405; and W7VDZ 7130. On (144 MHz.) WA2DPF 2520; WA2UDT 2400; W3LUL 2288; WB2VQK 2175 and W2UK 1936.

Canadian high scorer was VESUS (VESUF, opr.) with 6072 on 50 MHz. while VE2JB/2 again takes 144 MHz. with 500 points.

The year 1970 must be a record breaker in the multi-op category with three entries exceeding 70K. Taking first place is W1DC/1, the 1200 Radio Club with a total of 75,030 (ABCDE). A close second was registered by W3CCX/3, the Mt. Airy VHF Radio Club, with 74,272 (ABCDE) and WA2WEB/2, the East Coast VHF Society, came in third with 71,200 (ABCDE). Other excellent scores were contributed by WAIMUG 67,554 (ABCD); W2UFT 61,855 (ABCDE) and W2JKI 61,030 (ABCDE).

High Canadian entry this year is VE3CWT/3 with 14,632 (ABCD).

A word of thanks to Bill, K4CER and crew of the KL7ABR ex-pedition to Ketchikan, Alaska and to Bob, W4GDS and the gang at ZFIRS on Grand Cayman Island. You can be assured that

your efforts are greatly appreciated by the many who QSOed you for a "rare new one."

In passing, I would just like to mention two items of interest. A note detached from the log of K2OJD states, "Look for me (FP#CA) during the September brawl. Also, amateurs using the 50 MHz. band are asked to look for OX5AP, Thule, Greenland, who is making five minute transmissions on the hour, from 2200 to 0200 GMT daily. These transmissions are on 50.15 and will continue through this year, except for the period of August 5 through 14. He will listen for 6 meter signals in the 5 minutes after each test. OX5AP is available for 144 MHz. schedules between 2100 and 0100 GMT. Please report any reception or two way communication on 50 MHz. to ARRL CU in September.

SOAPBOX

Enjoyed the contest very much including the competition from several locals. The band (50 MHz.) opened up in the afternoon of the 13th and the morning of the 14th. - W2OW, WNY. New antenna really works. - W3KWH, WPA. Apparently no one in Connecticut with crystal-controlled 1296 MHz. gear. - WA2VTR, ENY. Thanks for a great contest and hope to work in all of them. - WA8YRS, Ohio. Could you schedule more activity during the September affair? - WA8YYW, Mich. Our 4000 foot elevation was great but we were invaded by the dreaded "fog moth" which slithered out of the valley to obscure our vision and increase our SWR! - WB4HEL/4, Tenn. The two largest band openings I have ever heard occurred during the contest. - WA5RMS, Miss. This was my first contest and I picked up a lot of good experience. - WB5AJM, La. Heard VP7, KP4, ZF1 and XE2. I managed to work the VP7. I would like to see each foreign country count as a multiplier. - K9KFR, Ind. First contest I have ever worked, all contacts were A3 mode. Lots of fun. - WA9AKS, Ill. Band opened to EFla on Saturday with a few sporadic openings on Sunday. - WA3IEM, EPA. Worked three new states for WAS and was particularly happy with a VE4 and VE3 and ZF1RS on Grand Cayman Island. - WA3KLF, MDC. Band conditions in general were rather good during my periods of operation. - W2REB, SNJ. Worked four states on 1296, best DX was W1GAN. - K2JNG, NJ. Managed 38 QSOs, not bad for 1 watt! - WA2KJJ, NLI. This is my 30th consecutive VHF contest on 2 meters, still going strong! - W2KXG, NLI. Highlights on 50 MHz. were QSOs with Arizona, Idaho and the West

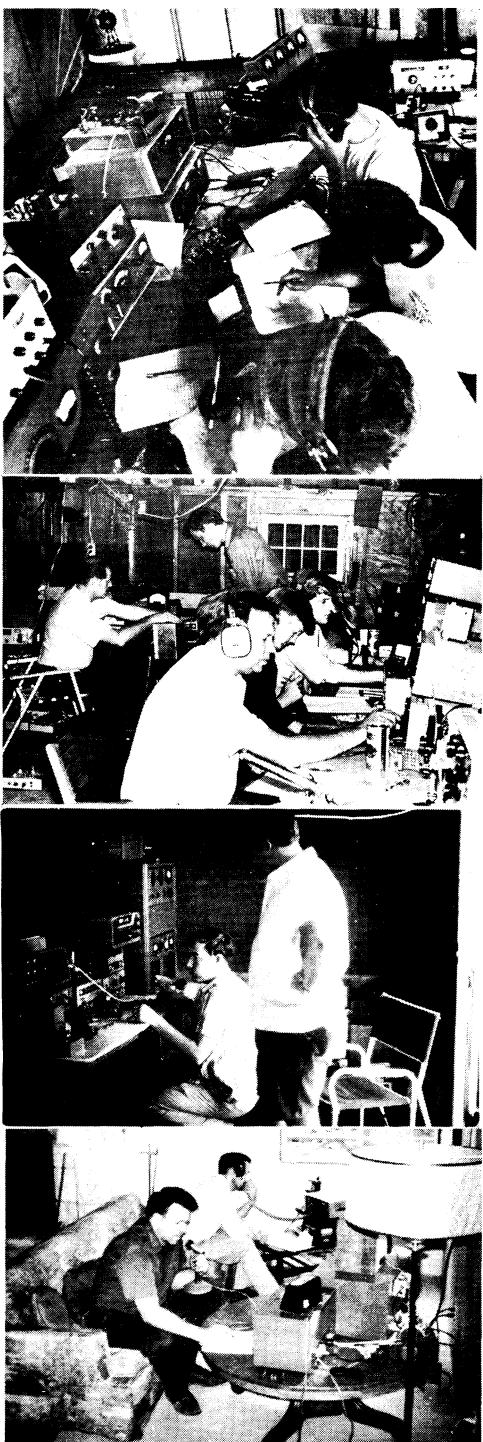
* Communications Assistant, ARRL.

Indies. — W2UFT, ENY. It seems our funny call letters didn't hurt us much; in fact, they sometimes came in handy. We hope to be on again in September with an even better station. — WA1MUG, WMass. Heard Oregon and Montana but no contacts. — K1GYT, Vt. Operation from Rhode Island sure is different from NNJ! — WB2GKE/1, R.I. Limited use of 146 and 449 MHz. FM helped. All contacts were direct. — W1DC/1, NH. Highlight was our contact with K4GL via random meteor scatter! — W1AZK, NH. Contacting W6ANN was my biggest thrill of the contest! — W1GJZ, Maine. Not quite like June 1969, but fun as always. — K1AGB, EMass. Conditions poor except for a 2 hour opening to Texas on Sunday morning. — W0NXF, Nebr. Six meters open all day Sunday but never farther east than Missouri and Iowa. Very disappointed with the lack of Double-Hop to the East Coast. — K5EFW, NMex. Our successful effort on 432 MHz. was the high point of our entire operation. — K4RKA/8, WVA. Two meter cw is where the action is! — K2UOP/4, VA. Very pleased to work into New York and Massachusetts, but feel the potential of the opening was not realized by many. — W6KQG, SCV. If I win this one, it will be all 3 VHF contests in a row. — WA6CPP, SJV. Wish we had more activity on 220 MHz., there was only 5 of us on in Northern California to my understanding. — WB6TJO, SF. Only signal heard out of the East was WB2LZD/3. — K7ICW, Nev. Operated from San Juan Island in Puget Sound. This was my first contest and the scatter contact with Alaska was very exciting. — WA7BAY/7, Wash. June 14th gave us some good openings into the East Coast and for the first time I have worked into the New England states. — K7WXW/7, Ore. The 28 hour restriction penalizes those of us who depend almost 100% on band openings to work anyone. Otherwise, I enjoyed it and hope to do better next time. — W7JRG, Mont. Made 68 QSOs in the first hour but that rate sure didn't last long! — VE5US, Sask. All things considered, the northern latitudes had very poor conditions. Nothing heard from KL7 and VE8 land. — VE6AHE, Alta. 50 MHz. Es to W6 and mid-west sure came in handy. — VE7ANP, BC. Six meter activity was good with contacts from the Bahamas through to Seattle, Wash. — VE3VHF/3, Ont. Conditions for both Es and Aurora on six meters were down from previous years here, but good conditions for making people work for contacts. — VE2AIO, Que. One of the big thrills of the contest for me was when VE6AHE answered my CQ! — WA5IYX/5, S.Tex. Finally got my 220 gear working. — WA5ZVI/5, Okla. This was our first mountain top experience, sure is nice to be wanted! — WB6WKC/6, SBar.

SCORES

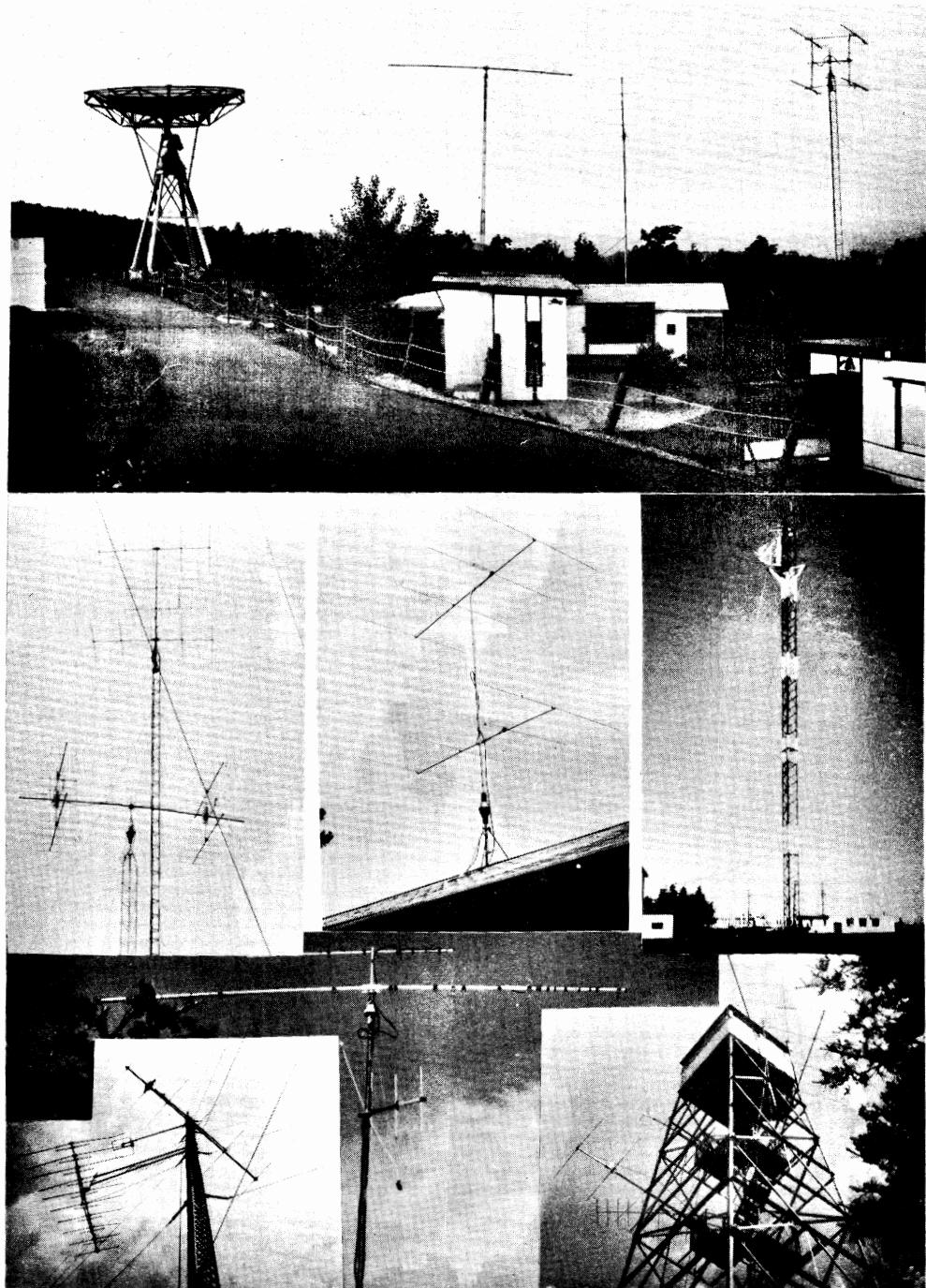
In the following tabulation, scores are listed by ARRL divisions and sections. The top single-operator scorer in each section receives a certificate award. Multiple-operator scores are shown at the end of each section tabulation; in sections where at least three such entries were received, the top multioperator scorer receives a certificate award. Asterisk following call indicates Headquarters staff member, ineligible for award.

Columns show final score, total number of contacts, section multiplier, and bands used. A represents 50 MHz.; B, 144 MHz.; C, 220 MHz.; D, 432 MHz.; E, 1215 MHz. and above.



Above are but a few of the many multi-op stations which abound in the June party. They are (top to bottom), WA2WEB/2, W1ZGO, VE3CWT/3 and WA6JUD/6.

ATLANTIC DIVISION	
Delaware	W3CGV 7200-118-48-ABCD K3RBU 672-48-14-AB
Eastern Pennsylvania	K3WJB 16,116-293-51-ABCD K3WRY 6280-154-40-ABC W3DYL 1403-123-AB WA3LJ 1313-101-13-A K3OBU 988-52-19-B W3GOA 720-48-15-A K3ATL 297-27-11-A WA3KXX 272-34-8-B WA3MNF 248-31-8-A WA3KFT 155-31-5-A WA3JZB 150-30-5-A WA3EYD 110-22-5-A WA3LUY 84-21-4-A WA3KEY 76-19-4-AB W3CCX/3 (26 oprs.) 74,272-714-88-ABCD W3AD/3 (8 oprs.) 25,323-322-69-ABCD K3MTK/3 (9 oprs.) 20,020-344-55-ABCD W3ARW (+K3SQO,W3CF) 12,544-191-56-ABCD K1SFF/3 (+K1LOG) 9810-177-45-ACD WB2LZD/3 (+WA2OPT,WB2IUU) 9546-222-43-AB W3HZU (5 oprs.) 4422-127-33-ABC WA3IEM (+WA3IGV) 2088-116-18-AB K3JRO/3 (+K3NFE) 1178-62-19-AB WA3AOE (4 oprs.) 580-58-10-AB W3DGB/3 (K3VOT,WA3EFE) 450-50-9-AB
Maryland-D.C.	WA3KLF/3 7544-184-41-AB W3KMV 4060-145-28-A W3LUL 2288-104-22-A WA3HEN 666-74-9-B W3TMZ 392-28-14-B W3GN 336-42-8-B K3IXD 280-40-7-A W3MAR 162-27-6-A WA3LML 148-37-4-AB W3MSN 66-11-6-AB W3SGA 18-6-3-B W3GEL 6-3-2-B WA3NUL (5 oprs.) 12,374-262-46-ABD WA3MDR (+WA3JGI,LHC) 11,132-242-46-AB W3PGA/3 (5 oprs.) 10,530-218-45-ABD WA3NPD (3 oprs.) 450-50-9-B
Southern New Jersey	W2REB 4940-130-38-AB WB2SZK 1071-56-17-ABCD K2QPN 880-55-16-A WB2VL 516-43-12-AB W2BLV 374-17-11-D K2BWR (+K2ZJR) 10,229-183-53-ABC WB2IQJ (+WB2HNU) 155-31-5-B
Western New York	W2UCZ/2 4806-178-27-A W2CNS 4257-90-43-ABCD W2WGL 658-47-14-B K2ACO 550-25-11-D WA2KND 297-27-11-AB W2HBC 273-39-7-B K2JZT 40-8-5-B W2MYN 30-15-2-B WA2MDF 1-1-1-B W2OW (11 oprs.) 18,300-281-60-ABCD WA2VMB (4 oprs.) 2184-91-24-AB K2LFB (+WA2GJA) 1349-71-19-AB WA2IKO/2 (+WA2YHY,WB2MXX) 1296-72-18-AB
Western Pennsylvania	W3BWU 2244-102-22-AB W3DJM 810-54-15-A W3KWH (5 oprs.) 12,420-266-45-ABDE K3HKK/3 (6 oprs.) 5786-177-46-ABCD WA3GBU (+WA3FAL) 1260-60-21-AB
CENTRAL DIVISION	Illinois K9HMB 11,977-200-59-ABD W9ABA 4410-126-35-AB W9EET 1628-74-22-AB WA9FIH 1386-66-21-AB
K8VOX 384-64-6-B W9DJZ 345-69-5-AB WA9AKS 260-65-4-B WA9QPM 244-61-4-AB K9VCZ 195-39-5-AB WA9FXH 132-33-4-B WB9EDP 44-22-2-A WA9YZG 18-18-1-B WA9YZO 15-15-1-B K9YHB (5 oprs.) 8349-244-33-ABD Indiana K9KFR 7831-191-41-AB W9IBD 3360-120-28-AB K9QCB 2200-110-20-AB WA9R9 1672-88-19-A WA9YXA 600-60-10-A K9ZUH 468-39-12-A W9GMJ 378-63-6-B K9LSB 138-23-6-A Wisconsin K9REE 2160-80-27-AB WA9EZU 264-22-12-A WA9SDC (+K9OXY) 16,112-304-53-AB K9UUT (+WA9THQ,VAS) 255-51-5-B DAKOTA DIVISION Minnesota K9PWR 2280-76-30-A WA9SBZ 2250-90-25-A WOPHD 705-47-15-A WA9RUE 476-33-14-ABD WB9ABM 64-16-4-A North Dakota W9GNS 3570-119-30-A South Dakota W9KHZ/# (+WA9QLP) 1764-84-21-A DELTA DIVISION Arkansas WA5NOB/5 (5 oprs.) 13,462-254-53-AB Louisiana WA5VCF 14,651-299-49-A WB5AEH 10,896-227-46-AB WB5AJM 8405-205-41-A WA5QBX 3800-95-40-A W5JFB 510-34-15-AB Mississippi WA5RMS 16,740-310-54-AB Tennessee K4IUV 8240-206-40-AB W4W0Z 1178-59-19-ABCD WB4LSK 1020-68-15-AB K4UWH 51-17-3-B WB4HEL/4 (4 oprs.) 81,323-321-AB WA4ZXB/4 (+KA4FKO) 7480-220-34-AB WA4SGI (5 oprs.) 6596-194-34-AB WB4ASA/4 (+WB4IGG) 3302-127-26-AB WA4BXZ (4 oprs.) 1300-65-20-AB GREAT LAKES DIVISION Kentucky WA8TYF/4 2592-92-27-ABD Michigan WB8BGY 4794-141-34-AB WA8ECW 990-55-18-A WA8YYW 909-101-9-B WA8LKD 392-49-8-B WB8VQ 390-36-10-ABD WB8DQ 306-34-9-A K8NNU 264-44-6-B WA8LLY 255-51-5-B K1ZND/8 3-3-1-B WA8ZPF (4 oprs.) 377-29-13-AB Ohio WB8EXI 1539-81-19-A WA8YHN 1480-74-20-AB WB8WEN 473-43-11-B WA8YRS 275-25-11-A WB8RCI 252-36-7-B WB8RCOC 245-35-7-A K8DIZ 132-22-6-AB WB8EDU (WA3BGE,opr.) 95-19-5-A WB8AYC 45-15-3-A WB8CCI (9 oprs.) 30,624-455-66-ABD K8MMM (+K8UHX,W8ARLE) 22,361-379-59-AB WA8PLZ (11 oprs.) 20,888-364-56-ABD WA8ZVY (+WA8ZUQ) 1504-94-16-AB HUDSON DIVISION Eastern New York WB2CRS 16,569-232-63-ABCD WB2VQK 2175-145-15-B WA1FGC/2 912-76-12-B WA2VTR 392-20-8-DE WB2HF 55-7-5-BC WB2UFT (6 oprs.) 61,855-600-89-ABCD W2JKI (10 oprs.) 61,030-638-85-ABCD WB2FJK/2 (16 oprs.) 43,355-589-65-ABCD W2JKJ/2 (7 oprs.) 17,613-287-57-ABCD VK1ZAR/W2 (12 oprs.) 5346-162-33-AB New York City - Long Island WB2YVZ 12,750-230-51-ABD WB2BBS 11,074-226-49-AB WA2DPF 2520-180-14-B WA2PMW 1820-140-13-B WA2EUS 1748-61-23-ABCD K2RIW 936-39-12-D WB2TUT 909-101-9-B WB2XKG 657-73-9-B WB2BTW 296-37-8-B WA2KJJ 152-38-4-B WA2NFR 140-35-4-B WA2KTD 100-25-4-B WA2YJF/2 (2 oprs.) 10,320-241-40-ABD W2RAK/2 (5 oprs.) 6732-198-34-AB WB2IGT (4 oprs.) 4890-163-30-AB W2OQI (4 oprs.) 3699-137-27-AB Northern New Jersey K2QJD 13,092-351-53-ABD K2QWR 7366-254-29-ABD WB2PV 2592-108-24-A WA2UDT 2400-160-15-B W2UK 1936-38-22-B W2CVW 1804-76-22-ABCD WB2AQ 1547-91-17-B WB2HVF 572-52-11-B WB2OMS 520-20-13-D K2JNG 460-19-10-BDE WA2DCX 344-43-8-AB WA2FUI 297-33-9-B WB2LTW 175-35-5-B WB2SZW 156-13-6-D WB2HMT 150-30-5-B WB2ZLJ 42-14-3-B WA2WEB/2 (17 oprs.) 71,200-692-89-ABCD W2PEZ/2 (9 oprs.) 29,568-432-64-ABCD W2FCL/2 (4 oprs.) 16,564-404-41-AB K2DEL/2 (11 oprs.) 15,457-377-41-AB WA2YXQ (4 oprs.) 1196-92-13-AB W2EWC (+K1PTY) 931-49-19-AB WB2ENJ (WA2s UAH YYN) 176-22-8-B WA2UDT/2 (+WB2IB1) 30-15-2-B MIDWEST DIVISION Iowa WB8PEP 3240-90-36-A WB9IG 660-44-15-A WA9QEH 154-14-11-A WA9UPS 147-21-7-AB Kansas WA9PBO (+WA9PKG) 7007-143-49-AB Missouri K9TLM 5184-106-48-ABD WA9YWS 96-24-4-AB WB9KC 48-12-4-AB WA9NQA (5 oprs.) 3510-90-39-A Nebraska WB8DQZ 1034-47-32-A WA9PKQ 308-22-14-A WB9NFX 128-16-8-B NEW ENGLAND DIVISION Connecticut WA1IQJ 4026-115-33-ABC WA1EFO 3810-127-30-AB K1HTV 3528-104-28-BD WA1LNJ 3300-154-20-BD WA1IHD 1743-83-21-A WA1WHL 1206-67-18-AB WIDHT (W1ZUQ, opr.) 792-66-12-B WA1GTP 740-34-20-ABC W1ENZ 671-61-11-B W1EMP 520-26-10-D WA1ILIO 490-49-10-A W1QJL 432-48-9-B WINBP 98-14-7-B WA1CRS 78-13-6-A WA1JPP 55-11-5-AB K1QQX* 2-2-1-A WA9HHH/I* 1-1-1-A K1PXE/1 (6 oprs.) 43,055-477-79-ABCD WA1IOX (14 oprs.) 33,300-410-74-ABCD W1LUU/I (3 oprs.) 9760-244-40-AB Eastern Massachusetts K1AGB 11,130-177-53-ABCD W1EUJ 10,246-204-47-ABCD W1QXX (K4GGI, opr.) 3875-91-31-BCD VK1ZAR/W2 (12 oprs.) 5346-162-33-AB K1CHY 2196-116-18-ABCD K9AQF/I 1512-36-21-CD K1HBV/1 850-85-10-AB K1VEP 840-84-10-AB WA1LWI 567-81-7-A WA1HIE 520-52-10-B K1KOS 483-69-7-A W1QOP 420-17-12-CDE WA1GAK 426-27-8-AB K1DRB/I 48-10-4-BE W1CTR/1 10-6-3-B WA1KVK (+WA1KVJ) 3036-138-22-A WA1HUD (+WA1MME) 1221-111-11-AB Maine W1YTW 3978-106-34-ABC W1GIZ 2407-83-29-AB New Hampshire W1AKTX/1 4672-144-32-ABCD W1ACIR 2200-88-25-AB W1JSM 1136-71-16-B W1AZK 465-30-15-BD W1GDJ 396-36-11-AB W1DC/1 (19 oprs.) 75,030-853-82-ABCD K1HDO/1 (2 oprs.) 3339-159-21-AB Rhode Island W1POP 708-59-12-B WB2GKE/1 (12 oprs.) 38,850-492-74-ABCD W1ZGO (8 oprs.) 30,624-432-66-ABCD Vermont K1GYT 6440-161-40-AB K1LJG 253-23-11-B W1AJB 64-8-8-A WA1DLA/1 (8 oprs.) 9250-250-37-AB W1MX/1 (2 oprs.) 4368-137-28-BC K1RJD/1 (2 oprs.) 1292-68-19-AB Western Massachusetts WAIHHN 8692-212-41-AB K1JIX 697-23-17-BCDE W1UCB 81,232-361-31-AB W1FMF 64-16-4-B WA1MUG (20 oprs.) 67,554-759-81-ABCD K1YLU/1 (7 oprs.) 22,050-410-50-ABCD K1BOX/1 (7 oprs.) 1010-101-10-AB W1ALL/I (+W1s JUJ YJB) 638-58-11-B K1TFA/I (+K1PITY) 403-31-13-AB NORTHWESTERN DIVISION Alaska KL7ABR (4 oprs.) 1410-94-15-A Idaho W7UBI 518-37-14-A Montana W7JRG 3525-141-25-A Oregon W7TYR 816-60-12-ABCD K7HSI 176-21-8-ABC K7WXW/7 (4 oprs.) 801-178-45-AB K7AUO/7 (5 oprs.) 5423-174-29-ABCD Washington W7EN 4556-134-34-A W7DVB 4032-144-28-A WA7FHG 1008-63-16-A WA7NGR 123-41-3-AB WA7AWS 45-15-3-A W7AZU/7 21-21-1-A K7OFT (+W6LGX) 3978-117-34-AB	



Ever wonder where those big signals originate? (see above.) From left to right, top to bottom, we have:
WA1IOX, **K8MMM**, **W4SGI**, **VE6AHE**, **WA5RMS**, **WA6CPP** and **WB2GKE/1**.

W7HAR/7 (+WA7s GDU HDI) 31 20-156-20-AB	WA6EUZ (+WB6LUS) 728- 89- 8-ABD Nevada	W6FAW WA6UUO/6 (2 oprs.) 72- 12- 6-AB San Joaquin Valley	K6TJL/6 (6 oprs.) 716-180-36-ABCDE
W7SBC/7 (2 oprs.) 2448-144-17-AB	K7ICW 31 31-101-31-AB WA4KUK/7 (+WA8UWV) 416- 32-13-AB Sacramento Valley	WA6CPP 2871- 99-29-AB WA6NRV 2403- 89-27-AB W6YKS 2138- 89-24-AB WA6GKH 1- 1- 1-B K6KL/Y/6 (+W6YKM) 9786-225-42-ABCD	ROANOKE DIVISION North Carolina
WA7BAY/7 (36 oprs.) 1463- 77-19-AB	WA6GER 1464- 55- 24-ABCDE WB6NKO 1452- 66-22-AB W6DOR 1218- 58-21-AB WB6NKM 135- 27- 5-B WA6CXB 56- 14- 4-B WA6JUD/6 (3 oprs.) 2832-118-24-AB	WA6COP 2871- 99-29-AB WA6NRV 2403- 89-27-AB W6YKS 2138- 89-24-AB WA6GKH 1- 1- 1-B K6KL/Y/6 (+W6YKM) 9786-225-42-ABCD	WB4LDO/4 2350- 94-25-AB W4HJZ 1463- 72-19-AD WB4IHR 1311- 69-19-A WB4CEQ 403- 31-13-A W4DGF 370- 37-10-AB WB4CES 350- 35-10-A W4YOX/4 20- 5- 4-A WA4VCC/4 (3 oprs.) 5549-179-31-AB
WA7HQG (+V A7MZK) 1107-123- 9-AB	WA6NKO 1452- 66-22-AB W6DOR 1218- 58-21-AB WB6NKM 135- 27- 5-B WA6CXB 56- 14- 4-B WA6JUD/6 (3 oprs.) 2832-118-24-AB	WA6COP 2871- 99-29-AB WA6NRV 2403- 89-27-AB W6YKS 2138- 89-24-AB WA6GKH 1- 1- 1-B K6KL/Y/6 (+W6YKM) 9786-225-42-ABCD	WB4LDO/4 2350- 94-25-AB W4HJZ 1463- 72-19-AD WB4IHR 1311- 69-19-A WB4CEQ 403- 31-13-A W4DGF 370- 37-10-AB WB4CES 350- 35-10-A W4YOX/4 20- 5- 4-A WA4VCC/4 (3 oprs.) 5549-179-31-AB
W7EK/7 (2 oprs.) 1106- 79-14-A	WA6NKO 1452- 66-22-AB W6DOR 1218- 58-21-AB WB6NKM 135- 27- 5-B WA6CXB 56- 14- 4-B WA6JUD/6 (3 oprs.) 2832-118-24-AB	WA6COP 2871- 99-29-AB WA6NRV 2403- 89-27-AB W6YKS 2138- 89-24-AB WA6GKH 1- 1- 1-B K6KL/Y/6 (+W6YKM) 9786-225-42-ABCD	WB4LDO/4 2350- 94-25-AB W4HJZ 1463- 72-19-AD WB4IHR 1311- 69-19-A WB4CEQ 403- 31-13-A W4DGF 370- 37-10-AB WB4CES 350- 35-10-A W4YOX/4 20- 5- 4-A WA4VCC/4 (3 oprs.) 5549-179-31-AB
WA3EOQ/7 (36 oprs.) 184- 46- 4-AB	WB6TJO 1242- 66-18-ABC	WB6TJO 1242- 66-18-ABC	WB4PAR/4 (4 oprs.) 4445-127-35-AB
K6RNQ 2366- 91-26-AB			
W6RQZ 18- 6- 3-B			

Minimum Sections

Minimuns	30	15	4	3	2	WA3NUL*	29	12	8	5
MHz.	50	144	220	432	1215	K1SFF/3*	27			
K1AGB	24	11	11	7		WB2LZD/3*	28	15		
K1HTV	17			11		K4BNC	37	1		
K1JIX	4	7	5	1		K4GMP*	34			
K1PXE/1*	35	20	11	13		K4IUV	34	6		
K1YLU/1*	29	8	5	8		W4FJ	8	8		9
W1DC/1*	40	20	9	12	1	W4HJZ	15			
W1EMP				10		W4OJU	35	1		
W1EIJ	26	13	4	4		WB4BND	38			
W1JSM						WB4OYJ*	36	1		
W1MX/1*	18		10			WB6HIL/4	42			
W1OOP			5	6		WA8TYF/4	12	12		3
W1QXX	14	12	5			K0ECG/4	32			
W1YTW	14	13	7			W5RAG/5*	57	4		2
W1ZGO*	34	17	7	7		W5WAX*	43	7		1
WA1HHN	30	11				WA5IYX/5	36			
WA1IOX*	36	18	11	9		WA5NOB/5*	48	5		
WA1LNJ	15		5			WA5QBX	40			
WA1MUG*	35	18	14	14		WA5RMS	51	3		
WB2GKE/1*	38	22	4	10		WA5VCF	49			
K9AQ/1				11	10	WB5AEH	46	2		
K2ACQ				11		WB5AJM	41			
K2BWR*	30	17	6			K4VOW/5*	44	6		
K2DEL/2*	31	10			4	K6BPC/6*	29	4	5	4
K2JNG	1					K6GSS/6*	31	6		2
K2OJD	27	19		7		K6HXW/6	25	4		3
K2RIW				12		K6IBY	28	8	6	
W2AQ	17					K6KLY/6*	28	9	4	1
W2BLV				11		K6KSY	30	2	1	
W2CNS	25	11	4	3		K6QEH*	36	8	4	5
W2CRS	31	16	12	4		K6TJL/6*	17	9	4	5
W2FCL/2*	26	15				K6YNB/6*	26	7	5	4
W2JKI*	37	19	14	15		W6NLO	34	5	3	3
W2JKJ/2*	36	12	4	5		W6QED	32	6		
W2OMS				13		K7OFT*	33	1		
W2OW*	30	17	9	4		K7WXW/7*	43	2		
W2PEZ/2*	35	16	8	5		W7FN	34			
W2UFT*	36	22	12	13	6	W7VDZ	31			
W2UK						WA7FPO	42			
WA2BBS	38	11				WA7JTM	31	1		
WA2EUS	11	4	5	3		K8MMM*	47	12		
WA2UDT	15					W8AEC	15			
WA2VTR			4	4		W8CCI*	49	10		7
WA2WEB/2*	38	17	14	16	4	W8TTU	33	2		
WA2YJF/2*	17	18		5		WA8PLZ*	43	9	4	
WB2FKJ/2*	22	21	15	6	1	K4RKA/8*	27	18		11
WB2SZW				6		K9KFR	33	8		
WB2VQK		15				K9HMB	51	5		3
WB2YZV	33	13		5		W9ABA	31	4		
K3HKK/3*	24	13	5	4		WA9SDC*	48	5		
K3MTK/3*	29	18	5	3		K0PWR	30			
K3OBU		19				K0TLM	42	4		2
K3WJB	29	15	6	1		W0GNS	30			
K3WRY	30	9	1			W0PFP	36			
W3AD/3*	31	17	10	9	2	WA0NQA*	39			
W3ARW*	20	20	9	7		WA0PBO	45	4		
W3CCX/3*	36	18	14	15	5	VE2HW	1	11	5	3
W3CGV	19	12	7	9	1	VE3CWT/3*	38	14	5	5
W3HZU*	22	7	4			VE4MA	34			
W3KWH*	33	9		2	1	VE5US	33			
W3LUL		22				VE6AHE	32	1		
W3PGA/3*	22	13		10						
WA3KLF/3	33	8								
WA3MDR*	36	10								

*Multioperator Station.

K4GMP (+WA4KBP)	WB4HDZ	3390-111-30-ABD	
3230- 95-34-A	WA4HNQ	1092- 52-21-A	
W4GG/4 (5 oprs.)	K4NTD	820- 37-20-ABCDE	
602- 43-14-AB	WB4OYJ (9 oprs.)	773-209-37-AB	
WA4WJP/4 (+WA4DUR)	Georgia		
230- 23-10-B	W4VO/4 (4 oprs.)		
WB4MWA/4 (+WA4ITT)		1248- 78-16-AB	
112- 16- 7-A			
South Carolina			
K4GL	West Indies		
2736- 68-38-ABCD	W1HOY/KP4	112- 14- 8-A	
Virginia		SOUTHWESTERN DIVISION	
K2UOP/4	4031-139-29-AB		
K4LHB/4	2208- 92-24-AB		
W4FJ	1800- 57-25-ABD		
W4LTU	336- 28-12-B		
K4PCL/4 (+WA4PGI)	WA7FPO	6594-157-42-A	
2106- 78-26-ABD	WA7JTM	4064-127-32-AB	
West Virginia	WA7NGK	3150-126-25-A	
W8TTU	WA7BBM	2436- 84-29-A	
W8AEC	K6YNB/6	11,592-260-42-ABCD	
495- 33-15-B	WA6HXM	4901-169-29-A	
WB8KVL	K6KSX	3960-119-33-ABC	
377- 29-13-A	K6GSS/6 (+WB6KZB)	9438-240-39-AB	
K4RKA/8 (8 oprs.)	K6HXW/6 (+WA6JOM)		
12,656-203-56-ABD	WA6TNW (+WA6EBL)	8544-255-32-ABD	
W8VVA (5 oprs.)		5920-296-20-AB	
2875-115-25-AB	Colorado	Orange	
WA8FSE/8 (7 oprs.)	K6IBY	5460-109-42-ABC	
1496- 88-17-AB	W6ABN	1188- 44-27-A	
ROCKY MOUNTAIN DIVISION	K6QEH (5 oprs.)	27,240-395-60-ABCDE	
2052- 76-27-A	K6BPC/6 (15 oprs.)	26,460-524-45-ABCDE	
New Mexico	San Diego	Southern Texas	
K5EFW	2225- 89-25-A	WAS1YX/S	11,550-231-50-AB
Utah	W6NLO	4965-203-45-ABCD	
W8MTK/7	W6QED	5168-136-38-AB	
1738- 79-22-A	WB6AXW/6	3510-135-26-AB	
Wyoming	W8DHS/6	1560- 59-26-ABC	
W7VDZ	WB6WKC/6 (+WB6WRH)	4212-162-26-AB	
7130-230-31-A	W6AB/6 (3 oprs.)	330- 33-10-AB	
SOUTHEASTERN DIVISION	Northern Texas	WEST GULF DIVISION	
Alabama	WAS2ZUC	1520- 76-20-A	
K4WHW	1120- 80-14-A	Oklahoma	
WB4EOW	9132- 22- 6-A	WAS5VHN	3304-118-28-A
WB4IFS	70- 10- 7-A	WASOUU	2610- 90-29-AB
WB4GZW (+W4KVP)	888- 24-37-A	WASZVI/5	253- 22-11-AC
Eastern Florida			
WB4BND	11,400-308-38-A		
K4BNC	9842-259-38-AB		
WB6HIL/4	9282-221-42-A		
W4OJU	9144-254-36-AB		
W4HXP	5130-190-27-AB		
K6ECG/4	4096-128-32-A		

Strays

HIGH SPEED CODE TEST (Sept. 21, 1970)

Every six months, culminating its high speed code proficiency program, the Connecticut Wireless Assn. conducts a certificate-qualifying test by special transmission from club station W1EIA and a number of volunteers from about the country. Such a test will be conducted on Sept. 21 starting at 0115 GMT (Sept. 20 at 2030 CDST). W1EIA frequencies are approximately 3637 and 7120 kHz. Look for simultaneous transmissions by volunteers WB4GTS, W5QMJ, K6DYX, W6EOT and W0FA on 3525, 3640, 3653, 3665, 3690, 7025 and 7115 kHz, and maybe one or two transmissions on 20 meters or other bands. Plans are not complete at this writing, but W1EIA will carry a regular announcement prior to its weekly code practice session (Mondays at 0130 GMT) starting early in Sept. or late August.

Five speeds will be transmitted, starting at 40 wpm and progressing in 5-wpm increments to 45, 50, 55 and 60 wpm, with five minutes of plain English text at each speed. If you can copy one minute of the text *consecutively solid* you qualify

DIVISION LEADERS

Single Op.	Division	Multiop.
K3WJB	Atlantic	W3CCX/3
K9HMB	Central	WA9SDC
W0GNS	Dakota	W0KHZ/0
WA5RMS	Delta	WA5NOB/5
WB8BGY	Great Lakes	W8CCI
W2CRS	Hudson	WA2WEB/2
K0TLM	Midwest	WA0PBO
K1AGB	New England	W1DC/1
W7FN	Northwestern	K7WXW/7
K7ICW	Pacific	K6KLY/6
W8TTU	Roanoke	K4RKA/8
W7VDZ	Rocky Mt.	WA0PHZ/0
WB4BND	Southeastern	WB4OYJ
K6YNB/6	Southwestern	K6QEH
WAS1YX/5	West Gulf	W5RAG/5
VE5US	Canadian	VE3CWT/3
• • •	Foreign	ZF1RS

for a certificate at that speed. It is hoped that the same format as that used last March can be followed (see Mar. '70 QST p. 85).

The CWA program begins where the ARRL program leaves off, at 35 wpm, making it possible for those who have their ARRL 35 wpm certificates to get certificates for 40 wpm and above all the way up to 60; over 30 have already qualified for the latter speed. It's not a hard-sell program, but it's there for those who still consider codespeed an art. Take a listen, Sept. 21, 0115 GMT!

MANITOBA CENTENNIAL AWARD

The Amateur Radio League of Manitoba (affiliated in 1957) will present certificates to amateurs submitting proof of the requisite contacts with VE4 hams, made after Dec. 31, 1969. Contestants must accumulate 100 points. W/K, XE and VE stations receive 2 points per contact, all other stations receive 5 points per contact. Contacts require an exchange of signal reports and may be made each different mode on each band. Cross-mode QSOs not permitted. Double points for designated "bonus VE4 Hams" monthly, see Manitoba Station Activities. QSLs not required. Send a copy of log and two IRCs to J.N. Knowles, VE4JK, Box 365, Carman, Manitoba, Canada.