# 1977 Novice Roundup Results

New states and countries provide some February fun.

By Jim White,\* K1ZX

ovice Roundup . . . Novice roundup . . . it's hazy, but still I remember it well. It was the second weekend and I was out in the rain putting up a dipole so I could get on 40 and 80 to chalk up a few more QSOs. (I never dared venture onto noisy 40 or 80. Besides, at the top of the sunspot cycle there was always something to be worked on 15 oh well, almost always.) Getting on the bands sure helped my score. My QSO total went up and I caught a few "close-in" multipliers as well. Those NR QSOs increased my code speed and my hope for a Worked-All-States Award as well.

The story was much the same for many of this year's Novice Roundup participants. Finally, the reason was there to fix the antehnas, to tweak up the rig, to get that code speed up so that a General ticket wasn't too far away. Mac, WBØPTJ/N, seems to have said it all: "I had always avoided those crowded, noisy periods on the bands, but now I must confess it was a blast! I definitely learned a few things about an operator's skill." We won't say we told you so, but . . . .

For a second year in a row the NR's top scorer came from four-land, this year from Tennessee. Paul, WA4SCL/N, walked away from the rig with a score of over 65,000 points. Not only did he catch a WAS, but a WAC too. His homebrew beam on 15 helped him garner 23 DX multipliers. In the overall standings, number-two slot goes to Technician WB2DFY making use of his Novice option to score over 57 kilopoints. Not far behind at 56k was

WBØNFY, also a Tech, operating /5 in Texas. Two excellent showings, Ed and Ken.

Total logs were up considerably from last year's 392. In fact, returns totaled 614 logs, up over 50 percent from 1976. Things are on the upswing. The number of hams coming into the hobby is up, and there was good participation from Technicians. Participation by Techs WB2DFY, WBØNFY and WB5POP (all overall top-tenners) shows us they are still finding the low bands fun.

As always thanks are due the non-

Novice participants. Their getting on makes it possible for Novices to run up big scores. Thanks also to those DX stations who took the time to look up the band and have that patience so necessary in the NR.

Some comments received remind us that all Novices are not necessarily new hams. The FCC now allows the holders of Novice tickets a chance to retake the exam. Perhaps it isn't fair for those Novices (who aren't neophytes) to be competing with other "brand new" Novices. Similar comments about participation by Technicians were heard. If



Kansas section and Midwest division leader WBØSPL (your editor notes the Bicentennial WAS award on Bob's wall).

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Resisting the urge to ragchew, Bonnie, WB6SZH, managed 87 contacts and 33 sections, taking sixth in the LA section.

the previous night's storm and was lying on the ground. (WB4WXA) Was glad to see many fellow Techs out there. (WB2GTP/T) In spite of my rotten luck, it was fun. (WB7FFJ) My most frustrating moment was answering a VP1's CQ on 80 meters — only to hear an S9 WB8 station come back calling CQ NR. (WB8VEF) I feel like I could handle anything that came along after '77 NR. (WBØSPL) [See you in the November SS. — Ed.] The greatest thing for improving cw proficiency I have come



Southern New Jersey section leader WA2HXG pulled in 66 sections and 331 QSOs, giving Rob better than 21k.

you feel that perhaps another category should be adopted or that there should be some other method of scoring for re-licensed Novices and Technicians, let us know! The format of our contests is decided on by you the participant. Got some ideas? Write to the Contest Advisory Committee, c/o ARRL headquarters.

### Soapbox

I worked more stations in one week than I usually work in a year. (WB7ATZ/N) Couldn't think of a better smoke test for my new transceiver. (WB4KYT/T) High point of NR was my last QSO with JA3HZT, giving me Novice WAC. (WB4KZL/N) My long wire attacked two elderly women walking down the street and my algebra assignment only got longer. (WBØSYV/N) I hope you print this comment in your results. (KL7IFP) Whether I'm /N or not, see you next year in the NR. (WB8ZRL/N) DX this year was much better. (WB2DFY/T) Woke up Sunday morning to receive 559 report from DJØNH/P, only to find my dipole had been badly mangled by

#### Novice Division Technician WA3ZLP Atlantic WB2DFY WB9SAD Central WB9VIO **WBØVGN** Dakota WBØUVD WA4SCL Delta WB5POP WB8JYF Great Lakes K8DHK WB2JGQ Hudson WA2UKP WBØSPL WA1YDK Midwest WB@QZY New England **WA1NHE**

**Division Leaders** 

**WB7EME** Northwestern WB7ONV WA60EF Pacific WB6EQS WA4VXG Roanoke WB4KIV WB5SZL Rocky Mt. **WBØUNU** WB4YHF Southeastern WB4NZA WB7ERC Southwestern WB7FCE WB5SDN West Gulf WBØNFY/5 in contact with. (WB1APT) Now I know why some hams go "contest crazy," gud fun! (WB3DQY) NR was a lot of fun but I couldn't get on when I wanted to due to school work schedule. (WB3FNZ) Enjoyed the privilege of being able to work the Novice Roundup as a Technician. (K8DHK/T) I know you have lots of soapbox to read, so tnx for FB contest. (WA4KTA) Ham radio is relaxing, really relaxing, when your father starts his electric razor during QSOs with weak DX stations. (WA4UYD/N) The characters NR on cw sometimes managed to come out as a slant bar - producing some very interesting combinations. (WB8WRL/N) Due to the fuel shortage I had to walk a quarter of a mile to use the john. (WD8CRT, op W8UMD/N) [That's devotion. - Ed. NR's code practice enabled me to pass my Advanced test. (WB7OUO) Everything was going fine until the middle of the week when I got the mumps. (WB1ALW/N) After the first evening I thought "this is fun?" After the week was over and I had worked three new states including Wyoming my thoughts were "this is

## Top Ten

Novice		Technician				
WA4SCL	65,088	WA2DFY	57,190			
WB8YJF	55,426	WBØNFY/5	56.052			
WB5SDN	52,022	WB5POP	46,096			
WB7EME	49,842	WA2UKP	30,552			
WB2JGQ	48,015	WA51YX	25,690			
WB7CFL	45,885	K8DHK	25,259			
WB5SZL	45,068	WD8CMH	19,836			
WA60EF	44,375	WA1NHE	19,093			
WB5USV	43,736	WBØQZY	18,840			
WB8VWE	40.807	WBØUNU	17 670			



Fourth place in the highly competitive Michigan section was nabbed by Durette, WD8CEN.



Many appreciated QSOs came from Earl, KL7ISX.



Paul's neat layout was instrumental in the WB3CMY total of 4.3k.



One of many Technicians joining in the NR this year was John, WA7ATU.

fun!" (WBØTPQ) Couldn't stay up very late on school nights so I did the best I could in the afternoons. (WB9UER) Nine days of TV-dinners, TVI and a parakeet that imitates CQ NR CQ NR. (WB9SDA) [Wait 'til you get on phone. Ed. Can't wait for SS. (WBØVDY/N) After reading about the lack of KL7s in previous contests I decided to give NR a try. I was only able to log 100 QSOs. Now if you'd only point your beams my way. (KL7IKO) God bless KL7GN. (WA4OUT/N) TNX to KL7GN, who visited the Novice bands. (WA4VKD/N) Enjoyed the snappy exchanges. (KL7GN) I am firmly convinced that KL7 is a figment of someone's imagination. (KZ5BAN) Sorry I'll only be a



Brothers WA1WTB (Steve) and WB1AMQ (Mark) both from the Connecticut section.

Novice once. (WA4OFW/N) Answered a weak, chirpy, drifting "CQ NR" on 15 and became WD9ARM's first contact. Since I'm an instructor I had some "First Contact Club" certificates and sent him one. (N6DE/WB6DJP) Worked Alaska and what I thought was the nonexistent state of Nevada. (WA4VXG/N) After finding out that I couldn't break a North Dakota station with my ground mounted vertical, I braved the 15-degree weather to go up on my roof four times to put up a 15-meter dipole. Brrr. I never did hear another North Dakota but my first contact on the new antenna was VE5LY, and the dipole brought in a lot of 6s and 7s to help my multiplier total. (WB3FAF/N) [That was 15°F I take it! - Ed.] Sunday night my hand was dead. (WB4DHC/N) When's the next one? I'm ready any time. (WD8DVE/N) My score is far from being competitive, nonetheless I really enjoyed the '77 NR. (WD8BPH/N) I was very impressed with the operating ability and good manners shown by the Novices and Technicians in the NR. (W7KJA) Can't wait to pass the General and enter other ARRL contests. (WA1VVA/N) After looking for Wyoming for eight months I found it during the NR. (WA4AME/N) Very few stations heard on 10 meters – feel certain more contacts could have been made if there were more people on 10. (WA3UJE/T) The NR gave me a big boost on my code speed and with a 'lil help I'll have my General. (WB9UKK/T) Heard a few /G . . . /A . . . and even a few /Es. (WA5IYX/T) It was terrific! (KH6JBX/N) Numbness is the word. (WBØUFB/N) I used to laugh when I read the comments about rigs blowing up, etc. I don't laugh now – my finals went gassy and I had to operate the remainder of the NR running about 1 watt. (WA2HXG/N) After 30 hours in my converted coal bin shack working the NR, I am really beat . . . almost too much for us over-50 boys. (WB9UZQ/N) Can't complain about nine new states. (WB2JFO/N)

U.S.A.	Vermont	WB2EJO/N WB2IPX/T	13,104-273-48-29 11,935-202-55-30	WB3ERX/N WB3CPH/N	7446-146-51-19 6235-130-43-15	Northern Flori	da
1	WB1ABQ/N 3535-10 WA1ZVC/N 273- 2		11,374-242-47-29 10,011-T98-47-20 7326-188-37-23	WB3DDB/N WB3CIM/N WB3DXZ/N WB3BQU/T	3410-100-31-11 3256- 88-37-22 3060- 92-30-26	WB4QBB/N WB4FAJ/N	20,416-332-58-15 3570- 75-42-18 3306- 72-38-12
Connecticut	Western Massachusetts	WA2EKĖ/N	WA2EKE/N 6786-174-39-24		2528- 79-32-19 2040- 60-34-17	WA4PMU/N WB4YKU/N	3232-101-32- 8
WA1YDK/N 33,327-468- WA1YWW/N 25,263-386- WA1NHE/T 19,093-313-	63-25 WBIAFE/N 16,500-30	0-55-30 WA2FOK/N 2-43-21 WB2IEY/N	2640- 88-30-22 1587- 69-23-10 1488- 52-24-23	WB3DJM/N WB3DER/N	570- 30-19-19 532- 28-19-11	WB4AUĆ/N WB4YKO/T WA4QGW/N	3078- 57-54-19 882- 32-21- 7 30- 6- 5- 2
WB1ALW/N 18,352-286- WB1AMQ/N 14,976-224-	64-15 WAIYSQ/N 6072-12	8-44-14 WB2SGS/I	851- 37-23-22			Southern Flori	da
WB1AFW/N 13,409-253- WA1YHL/T 11,269-191-	59-23 WB1AUV/N 1550- 6	2-25- 6 WB2FPY/N WA2FJO/N	792- 29-18-5 612- 26-17- 5 260- 20-13-24	4		WA4VSB/N WA4AME/N	22,177-331-67-23 21,528-302-69-27
WAIYLP/N 11,076-198- WB1AAD/N 9800-220- WAIYVA/N 8820-200-	52-20 40-21			Alabama		WB4YEZ/N WB4TAI/N	20,760-336-60-30 15,300-225-68-30
WA1YAW/T 7106-187-	38-18	3		WB4YHF/N	34.596-543-62-16	WB4URV/N	6840-152-45-16
WA1ZVS/N 6808-184- WA1ZEF/N 6355-145-	37-20 Eastern New York			WB4YHF/N WA4OID/N WA4KTA/N	34,596-543-62-16 13,975-215-65-26 10,396-211-46-24	WB4NAZ/T WA4ZGB/N	5544-126-44-16 5390-110-49-14
WAIUKX/I 5/60-129- WAIWTB/N 4387- 97-	40-29	Delaware -67-29		WB4ZTC/N WA4VKD/N	7800-115-60-26	W8LMM/4T WA4QQS/N	5390- 95-49-15 2700- 80-30-21
WB1ASG/N 3333-101- WA1YEC/N 3320- 83-	33-29 WB2JAT/N 14,410-25 40-25 WA2ING/N 11.700-21	-52-30 WB 2 ALL VIN	N 23,760-340-66-29 1953- 63-31-11	WB4TGL/N	2116- 46-46-10 1296- 54-24-14	WA4TCD/N WA4UQM/N	2700- 80-30-21 2048- 64-32-20 1034- 47-22-11
WA1YVE/N 3255- 95- WB1AFZ/N 2970-110-	31-14 WB2IKA/T 10,974-16 27-29 WA2JPS/N 9259-18	**************************************	253- 13-11- 5 216- 18-12-16	Georgia		WA4VZC/N	432- 24-18- 8
WA1ZNV/N 2368- 74- WB1ACZ/N 1738- 69-	32-17 WA2ENM/N 6460-15	3-38-30 WD3ERC/	216- 18-12-16	•		Tennessee	
WAIZLV/N 1628- 74- WBIACN/N 1560- 50- WBIAVA/N 1150- 50-	22-10 WB2GTP/T 5772-15 22- 6 WN2EYB 2622- 6 24-17 WA2FJZ/N 1809- 6	)-38- 7 Eastern Penn	sylvania	WB4DHC/N WB4CLM/N	31,222-441-67-28 24.570-378-65-21	WA4SCL/N WA4OUT/N	65,088-678-96-29
WBIAVA/N 1150- 50-	23-11 WA2EAF/N 1189- 4 WA2VAX/N 1121- 5	-29-8	35,287-482-71-30	WB4LIR/N WB2INE/4N	14,326-232-58-22 13,206-203-62-25	WA4OSH/4T	24,012-338-69-25 14,331-271-51-16
Eastern Massachusetts	WA2JDH/N 980- 4 WA2DTH/N 600- 4	TESS WB3AKI/N	15,687-239-63-29 11,220-210-51-29	WA4PQX/N WA4ONS/N	12,192-244-48- 10,441-182-53-26 9240-165-56-13	WA4RXV/N WA4UYJ/N	14,190-258-55-13 14,168-253-56-12
WA1WMQ/N 32,720-409-	80-24 WA2GHL/N 280- 2	0-14-5 WB3BCF/N WB3DIV/N	10,716-218-47-30 4120-103-40-30	WB4YRY/N WA4SBV/N	8856-164-54-27	WA4TTK/N WB4CJV/N	5472- 81-57-16 4524-116-39-12
WA1ZAZ/N 21,594-339- WA1UWF/N 16,740-259-	60-16	WB3CTU/N WB3FNJ/N	2800- 70-40-14 2175- 77-25-16	WA4YYQ/N WA4OMQ/N	6968-134-52- 9 6860-120-49-21	WA4UPJ/N WB4QBL/N	3531-107-33- 6 2765- 79-35- 9
WB1ANT/N 8379-147- WA1NNW/T 8250-150	57-10 55-30 N.Y.CL.I.	K3ZTJ/T WB3BGA/N	1950- 65-30-13 1590- 53-30-20	WD4ACZ/T WR4PNI/N	4346- 96-41-13 2178- 66-33-14	WA4WXT/N WA4IQL/N	1885- 50-29- 5 819- 39-21- 4
WB1AFP/N 7968-156-	48-29	-67-30 WB3DVN/N	1562- 71-22-20 1421- 49-29-17	WB4DEB/N WB4ZOJ/N	1782- 66-27-11	WA4YSJ/N WB5UTV/4N	819- 39-21- 4 576- 21-16- 2 180- 15-12- 3
WBIAPT/N 7392-139- WN1WQK 5520-105- WA1ZCQ/N 5412-123-	48-30 WA2ITA/N 21,373-319 48-6 WA2ZBW/T 15,624-25 44-19 WB2HIQ/N 8466-229	-56-26 WR3FHX/N	1222- 47-26- 7 1092- 42-21- 8	WB4YLR/T WA4QGW/4N	646- 23-17-21 459- 27-17- 5 345- 23-15- 4	Virginia	
W1MX/N(WA2EYC,opr.) 5332-124	WR2IMX/N 7497-12	-49-25 WA3NEV/T	936- 36-26-10	WA4QGW/4N	345- 23-15- 4	-	
WA1QQV/T 4998-104- WA1YGJ/N 4712-152-	43-13 WB2HRB/N 2508- 70 42-27 WB2ASO/N 875- 3	-25- 5 WB3DNA/N	510- 30-17-20 315- 21-15- 2	Kentucky		WB4VCQ/N WB4RMJ/N	20,961-411-51-30 20,097-319-63-29
WA1WXN/N 3210- 97	30-22	WA3ZPA/N WB3DJF/N	182- 11- 7- 9 121- 11-11-14	WB4DWZ/N	28,470-423-65-30	WB4KZL/N WA4UYD/N	14,454-219-66-28 13,664-229-56-27 11,571-188-57-28
WB1AEL/N 3000-100- WA1YVT/N 1904- 68-	28-26		•	WA4UBM/N WA4QYM/T	19,470-295-66-30 8000-145-50-26	WA4NTP/N WA4QQT/N	11,571-188-57-28 11,000-235-44-24 9245-215-43-29
WB1AJM/N 1260- 48- WA1YML/N 555- 37-	15- 8 WB2GZC/N 21,300-42			WB4KYT/T WA4RUW/N	5346- 66-66-30 3120- 80-39-16 576- 32-18- 8	WD4BJW/N WB4YVC/N	5616-129-39-18
WAIYZK/N 510- 36-	WA2HIU/N 14,008-20	i-56-29 WB3DCA/N i-68-26 K3CEZ/N(W	23,805-335-69-24 A3ZMY,opr.)	WA4QAL/N	576- 32-18- 8	WA4SHP/N WA4OFW/N	4400-100-40-20 2670- 89-30- 9 2232- 72-31-30
Maine	WB2JBI/N 11,900-23 WA2GMO/N 11,088-23	I-50-28 I-44-19 WB3DRE/N	A3ZMY,opr.) 22,260-351-60-30 20,650-340-59-30	North Carolina		WA4PGM/N WA4YVC/N	1925- 62-25-11
WB1AOD/N 5670-115	WB2HBZ/N 5320-12:	-40-11 WB3FAF/N	18,821-304-59-30 11,600-217-50-19	WA4VMZ/N	21,780-363-60-26	WD4ALX/N WB4PCH/N	1581- 51-31-15 1296- 48-27- 7
WA1ZAX/N 3040- 80- WA1YJC/N 2516- 74-	32-21 WA2IXU/N 15-	- 3- 7 WB3DTQ/N WA3UJE/T	10,105-205-47-30 9516-168-52-29	WB4SLA/N WA4UYS/N	18,166-293-62-30 3816- 96-36-29	WA4SNR/T WB4WDM/N	561- 23-17- 7 406- 29-14-10 300- 20-15- 4
WB1ACS/N 936- 39	24- 9 Southern New Jersey	WB3DQY/N WB3CMY/N	8930-180-47-25	WA4ZWO/N WB4WXA/N	884- 37-17- 6 364- 26-14- 7	WB4ZWT/N	300- 20-15- 4
New Hampshire	WA2HXG/N 21,846-33	WB3DSI/Ń	4356- 84-44-18 3811- 93-37-22 1280- 54-20- 7	WB4YZA/N(+	WA4WAC)	West Indies	
WA1VOZ/N 32.844-483	WA2JDK/N 16.128-27	1-56-28 WB3DHA/T	150- 15-10- 1		1725- 69-25- 4	KP4ECE/N	17,640-290-56-19
WA1VKM/N 18,480-298- WA1WJE/N 9300-166-	60-30 WAZEGC/N 1638- 6	-28-24 WB3FGO/N -26-21 WB3CEJ/N	126- 14- 9- 5 63- 9- 7- 6	South Carolina		KP4ENS/N	4074- 97-42-12
WAINIE/T 8480-140		7-20-30 7- 7-10 Western Penr	ısylvania			5	
Rhode Island	Western New York			WA4VXG/N WB4TLX/N	28,535-429-65-30 20,898-377-54-30	Arkansas	
		WB3COT/N WB3EPE/N	17,748-291-58-28 12,826-232-53-26 11,711-229-49-26	WA4ZXC/N WB4KIV/T	6419-121-49-20 5265-135-39-27		
WA1ZFS/N 10,260-228 WA1YYX/T 9250-175	45-23 WB2DFY/T 57,190-64 50-26 WA2EQW/N 33,120-54		11,711-229-49-26 11,400-190-57-25	WA4UMÚ/T WB4WBI/N	4028-106-38-10 2820- 79-30- 8	WA5YJV/N(W	B8VMN,opr.) 18,239-299-61-21
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WB5UJE/N WB5VMZ/N	8694-161-54-17 1652- 59-28-17 925- 37-25- 7	WB6PRU/N WA6RLA/N(+W	1265- 55-23- 4 (A6RIR)	WD8BHE/N WD8BYM/N WD8CEN/N	22,080-368-60-20 15,370-265-58-29	WB9YJF/N WB9VWC/N	1024- 32-32-17 850- 34-25-16	Nebraska	
WB5UZU/N	925- 37-25- 7		40,034-541-74-30	WD8CEN/N WD8BNA/N WB8VDE/N	15,240-254-60-26 14,152-232-61-23 11,123-212-49-22	WB9UXW/N WD9ARM/T WB9UCP/N	527- 31-17- 6 384- 24-16- 6 264- 22-12-16 28- 7- 4-12	WB@QPA/N WB@SMR/N	19,200-305-60-30 15,252-246-62-30
Louisiana		San Diego		WD8BLS/N	11,123-212-49-22 10,944-218-48-29 10,707-239-43-30 9947-203-49-19 9300-171-50-30	WROVWEIN	9s WLQ.YSR.ZDD.	WAGMRH/T WBGSYV/N WBGWHM/N	7700-154-50-26 5418-126-43- 2240- 70-32-19
WB5UWI/N WB5WZA/N	21,518-386-53-21 12,240-204-60-16	WA6TXO WB6CWT/T	27,135-405-67-24 3040- 85-32-11	WB8WIK/N WB8VEF/T WB8VVF/N	9947-203-49-19 9300-171-50-30	oprs.)	1012- 46-22- 5	WB & RJJ/N	9- 3- 3- 1
WB5TEQ/N WB5VGY/N	9840-164-60-25 6624-128-48-19	WA6CWQ/N	1830- 51-30-13	WD8DFO/N WD8ANR/N	8554-182-47-30 7800-140-52-21 5852-118-44-14	Indiana		South Dakota	
Mississippi		San Francisco			5848-136-43-19 5535-123-45-30	WB9VQO/N	33,367-532-61-30 25,620-400-61-23	WBØVGN/N	27,216-363-72-17 8874-153-58-15 1450- 43-25- 7
WB5POP/T	46,096-536-86-26 25,047-363-69-29	WA6VMG/N	3627- 93-39-28	WD8DJB/N WD8DUG/N WD8ANF/T WD8DOX/N	5248-128-41-10 3663- 99-37-25 3663- 99-37-20	WB9TUR/N WB9UJL/N WB9TWI/N	23,694-344-66-30 18,370-314-55-30 13,338-234-57-24	WBOTGO/N WBOUGG/N WBOYZU/N	1450- 43-25- 7 984- 41-24-15
WB5ZKR/N WB5TJM/N WB5UTV/N	5520-115-48-13 2912-104-28-15	San Joaquin Va	lley	WD8AOA/N WD8AFI/N	2640- 73-30- 6 2457- 91-27-15	WB9VIO/T WB9UDQ/N	13,160-220-56-17 8536-194-44-17		
WB5SYP/N	42- 7-6-2	WA6OEF/N WA6SOF/N	44,375-605-71-30 1700- 68-25-11	WD8AFX/T	2070- 69-30-15 1596- 57-28-16	WD9AEW/N WB9VYB/N WB9VHZ/N	6688-142-44-19 4929- 83-53-28 4602- 78-59-22		
New Mexico		WA6PAK/N	925- 37-25- 5	WD8DNJ/T WD8BPH/N WD8DVE/N WB8UNB/N	1156- 34-34-15 1128- 47-21-17	K9AHX/T WB9SDP/T	4400-100-44-13	Non-Novices	
WB5SZL/N WB5QMN/N	45,068-593-76-30 10,010-182-55-18	Sacramento Vai	·•	WD8AQS/N	1045- 45-19-14 5633-116-43-15 962- 37-26- 8	WB9PPT/N WA9PIE/N	3666- 94-39-20 3480-116-30- 3 3150- 90-30- 7 3090-103-30-19	26,904, WA7G	16, WA3YMA RKX 26,784, W4CHK 3 23,700, K6STI GW 22,630, WA1WEM
WB5ZQW/N	6394-119-46-19	WB6STU/N WB6PJZ/N	5120-118-40-22 1375- 55-25-21	WD8BCS/N WD8DII/N	780- 39-20- 5 780- 39-20-30	WA9UXP/T WB9RXS/N WB9SDM/N	3090-103-30-19 2829- 69-41-19 2070- 80-23- 8	23,205, WB4C 21,299, K4OA	GW 22,630, WA1WEM Q 19,195, WB2FRH
Northern Texas		Pacific		WD8CBP/N W8SH/T(WA6/	546- 39-14- 6 ABD,WB8TCC, 13 395-235-57-30	WB9WVD/N K9PNP/T	1495- 65-23-14 208- 16- 8- 5	18,368, WBØP 18,183, WB6D	Q 19,195, WB2FRH YD 18,312, WA4ZHU DJP 17,405, WA8LKI ) 16,820, WB9YLR
WB5SDN/N WB5RPU/N	52,022-703-74-30 33,872-444-73-21	KH6JBX/N	4410- 98-45-30		13,395-235-57-30 D8BPG) 10,464-208-48-18	WB9ZOD/N WB9YZK/N	150- 15-10- 6 100- 10-10- 2	15,753, WA4J	) 16,820, WB9YLR LV 14,958, W4KFC 14,850, WB5YEM 10H 14,300, 92, WgQNP 1V 13,566, WA2SNE IG/2 13,216, K8CVJ IEL 12,656, WA9RNI ISN 12,012, WE3FEA YURI 10,904, WAZZGB 'QQ 9990, WA4FPT 9126, W7YS 8928, OB,007, J 7421, KL,7GN, 71401,
WB5TMH/N WB5YHX/N	12,208-218-56-13 6324-124-51-19	KH6IRI/N	3196- 94-34-30	WB8YVH/N(+	WB8YVJ) 2575-103-25-21	Wisconsin		14,364, WB@C K2PLF/3 14,0	14,300, 92, WØQNP
WB5UEF/N WB5YIN/T WB5UWN/T	5742- 89-58-18 4257- 99-43-23 2556- 61-36- 8	7		Ohio		WB9UAI/N	32,447-437-71-30	13,833, WB5S 13,392, W9LH	IV 13,566, WA2SNE IG/2 13,216, K8CVJ
WB5UWK/N WB5YJK/T	1224- 51-24-13 279- 31- 9-16	Arizona		WB8YJF/N WB8ZAL/N WD8DJX/N WB8WMS/N WB8VNH/N	55,426-734-74-28 40,424-652-62-30 31,800-414-75-30	WB9TRN/N WB9UEP/N	23,870-341-70-27 22,007-353-59-25 19,082-319-58-24 13,197-249-53-29 7332-156-47-19 4940-130-38-15 4923-130-38-15 4323-130-38-15 1323-49-27-16 176-44-29-9 931-49-19-8	12,903, WASN 12,474, WØQN 12,366, WR5K	MS 12,426, WA4ATI
Oklahoma		WB7ERC/N WB7OAH/N	30,095-463-65-30 21,000-340-60-25	WD8DJX/N WB8WMS/N	31,800-414-75-30 30,168-404-72-28	WB9YXV/N WB9UFG/N WB9UOP/N	19,082-319-58-24 13,197-249-53-29 7332-156-47-19	10,994, WA3\ 10,755, WB4\	UR 10,904, WA2ZQB 'QQ 9990, WA4FPT
WB5UGO/N	3071- 83-37-25	WB7ATZ/N WB7CLA/N	19,032-312-61-30 4840-121-40- 8 4032- 64-63-29	WDSCDW/N	30,168-404-72-28 25,860-431-60-18 25,259-362-67-28 25,024-348-68-29	WB9TXJ/N WB9UER/N	5461-127-43-30 4940-130-38-15	9400, K4ZGB W3CDI(WB3A	9126, W7YS 8928, OB,opr.) 7421,
Southern Texas		WB7COB/N WB7FCE/T WB7EUJ/N	4032- 64-63-29 3395- 97-35-17 3034- 82-37-11	WB8ZRL/N WD8CMH/T WD8ALG/N WB8YNF/N WB8YBJ	22,425-310-69-27 19,836-342-58-20	WB9YCO/N WB9VJZ/N	4323-131-33-29 1323- 49-27-16	W4YOK 7097	. K2SCU/3 7065.
	56, <u>052-692-81</u> -28	WB7ODÚ/N WB7EIK/N	1950- 65-30-10 1749- 53-33- 8	WD8ALG/N WB8YNF/N	19,140-299-60-28 18.000-300-60-30	WB9WFG/N WB9YSH/N WB9TSJ/N	931- 49-19- 8 504- 28-18- 6	WAZEHV 668 6396, WD8BV	8, WB8YVI 6764, 0, W9HR 6533, W9WR 11 6384, K8RJZ 6132,
WBØNFY/5T WB5USV/N WB5YMS/N	43,736-568-77-26 33,750-450-75-28	Idaho		WD8AFB/N WD8CKI/N	17,088-336-48-21 15,808-232-64-19 15,250-250-61-20	WB9ZKT/N	120- 15- 8-12	K1ZZ 6084, V WA2LJM 598	U, W9HK 5533, W9WK 16384, W84WHE 6030, 6, WA2EYA 5966, K8QKT 5850, W3AKD 5625, 330, VE5LY 5289, 0, WA9NKN 5016, 6, W6OUW 4514, WA4WKY 3990
WB5YMS/N WA5IYX/T WB5URY/N	43,736-568-77-26 33,750-450-75-28 25,690-367-70-29 12,320-220-56-30 11,660-197-55-24	WB7FEN/N WB7OUO/N	26,112-374-68-30	WD8DCI/N WD8DCK/N	15,028-264-52-30 13,176-229-54-24 13,050-210-15-58 12,544-224-56-20 11,713-201-53-25	9		W7KJA 5762,	, KBQK1 5850, W3AKD 5625, 330 VF51 V 5289.
WB5OKI/N WB5LVL/N WB5UCL/N	9828-182-54-12 7700-140-55-12	WA7WDJ/T WB7BDI/N	10,450-209-50-30 3420- 80-36-11 440- 22-20- 4	WD8BOL/N WD8BLZ/N WB8UVZ/N	13,050-210-15-58 12,544-224-56-20	Colorado		WAINLA 517 WB9NME 453	0, WA9NKN 5016, 6, W60JW 4514,
WB5YDA/N WB5ZPK/T	7314-159-46-28 5763-113-51-17	Montana		WD8BTF/N W8UMD/N(W	11,713-201-53-25 11,500-240-46-30 D8CRT.opr.)	WBØ∨BU/N WBØUNU/T	18,154-298-58-17 17,670-275-62-28 11,460-191-60-23	W8TWA 4500 WB6JFD 3298	, WA4WKY 3990, 8, HP1AC 3108,
WB5UVD/T WB5SFL/N	5220-106-45-14		45.885-665-69-30	WB8ZJW/N	11,713-201-33-23 11,500-240-46-30 D8CRT,opr.) 11,270-230-49-24 10,314-191-53-25	WBOUZZ/N WBORYY/N WBOMCL/T	11,460-191-60-23 7473-149-47-18 2835- 71-35-15	WA1AHI 288 K8BBH 2700.	3, WB6VVS 2728, WB9QVP 2607.
WB5VME/N WB5VQR/N WB5ZGQ/N	2144- 67-32- 8 1053- 39-27- 9 1056- 48-22- 6	WB7CFL/N WB7PCZ/N WB7CIU/N	45,885-665-69-30 16,638-267-59-23 3096- 76-36-15	WD8BIY/N WD8BQV/N WD8DCH/N	10,092-159-58-17 9558-162-54-30 8733-213-41-24	WBØVNN/N	2835- 81-35-12 1369- 37-37-26	W8IBX 2568, WA4OZT 237	WA1SQB 2553, 6, WA2YQY 2325,
WB5WHR/N(+	WB9QIY) 3024- 72-42-16	Nevada		WB8WRL/N WD8CHF/N	8428-176-43-25 6920-143-40-20	WBØTQK/N WBØSEQ/T WBØRUA/N	1344- 48-28-17 64- 8- 8- 2	WB0BPH 210 VE6BBC 168	0, W60E0 2015, 0. W2FBF 1500.
Canal Zone		WB7DWB/N	20,336-313-62-22	WD8CJQ/N WD8CJQ/N	6664-136-49-26 6106-127-43-15	Iowa		WA2YSA 150 W2ECW 1400	0, WA9NKN 5016, (6, W60JW 4514, ) WA4WKY 3990, (1, WA9WKY 3990, (1, WB4MWS) 2997, (3, WB6VVS 2728, WB9QVP 2607, WA1SQB 2553, (8, WB8VBC 2214, (0, W60ED 2014, (0, W60ED 2015, (1, WB9DVG 1122, (1, WA1FNI 975, (1, WB9DVG 1122, (1, WA1FNI 975, (1, WB9DVG 1122, (1, WB9BVG 112
KZ5BAN/N	15,309-243-63-29	WB7OQW/N	445-127-35-25	WB8ZBV/N WD8DIF/N	2847- 63-39- 7 2448- 87-24-13 2145- 65-33-20	WB@WOL/N	24.318-386-63-28	KG6JES/W6 8	0, WA1FNI 975, 817, WA6QIM 676, WA1BOL 576, W6KYA
		WB7OQW/N WB7EHN/N	4445-127-35-25 1372- 49-28- 6	WD8DDR/N WD8EKX/N WD8AYC/N	2145- 65-33-20 1674- 47-27- 5 1536- 64-24-19	WBOTLE/N WBOUVG/N	24,318-386-63-28 23,994-372-62-30 20,034-303-63-24	570, WB9PT X ZS6WW 408,	(546, K7GGD 504, WD8BRF 352,
East Bay		Oregon		WD8BJL/N WB8WKB/N	1265- 55-23-13 1250- 40-25-16 1080- 45-18- 4	WBØVXP/N WBØVDE/N WBØZCP/N	18,648-281-63-29 12,792-231-52-26 10,608-204-52-19	W4G XW 336, W8KPK 270,	WB6RWE 280, WA1QNF 240,
	26 604 250 66 20	WB7DPU/N WB7FEV/N	4704- 83-48-17 1624- 58-28-18	WB8UIB/N WD8DIF/N	1080- 45-18- 4 1056- 48-22- 8 1032- 33-24- 4	WBØYKJ/N WBØVDT/N	6028-127-44-22 3471- 89-39-12	WA4PMU 126 (+WA1UWR)	5, WA1WYO/N 34,577, WA4OYP/N
WA6AGO/N WA6QCZ/N WA6SJR/N	26,694-359-66-30 10,653-201-53-20 10,647-169-63-27 7515-147-45-27	WB7NNA/N WB7DSH/N	1248- 52-24-16 400- 20-20- 9	WB8ZQG/N WD8BIC/N	1007- 38-19- 6 943- 41-23- 2	WBOVVR/N WAOZAB/N	3232-101-32-27 2520- 57-35-14	(+WA4CBX) (+WB5TGK)	33,086, WB5FLN/T 8183, W8YY (WB8s
WA6MTU/N WB6FXK/N WA6PES/N	7515-147-45-27 1995- 95-21-13 1633- 71-23-17	Utah		WD8CNH/N WD8DAS/N WD8EHX/N	792- 36-22-11 738- 41-18- 8 441- 49- 9- 4	WBØVKÝ/N WBØYRH/N WBØWLQ/N	2244- 66-34-16 1273- 67-19- 7 841- 29-29- 5	W/ Thisinging	JP) IOUO, WDOIFIN
WA6PVQ/N	230- 23-10-10	WB7DUV/N	13,338-219-57-13	WB8WKC/N WD8CNZ/T	441- 49- 9- 4 56- 8- 7- 4 36- 6- 6- 1	WBØSPY/T	665- 35-19-10	(+WB8DTT)	337.
Los Angeles		WB7NVO/N WB7NDZ/N	2100- 65-28-16 1840- 80-23-30	West Virginia		Kansas		Check-Logs	
WB6PFH/N WA6KUI/N	19,512-256-72-30 8084-168-43-25	Washington		WB8WNZ/N	17,493-333-51-30	WBØSPL/N WBØPTJ/N	38,106-502-73-30 32,400-435-72-30	WAIVKW, V	/Alygy, Walyiv, Walyrv, Walzdw, A2ALH, Wa2CJT, A2DHZ, WA2ESE, A2JHP, WA2YIT, B2FFY, WB2JTE, B3CZB, W3ARK, B3CZW, WB3ARC, B3CTO, WB3EFQ,
WA6RVÝ/N WA6DZP/N	6579-153-43-28 6396-149-39-22	WB7EME/N	49,842-702-71-29	WB8WRY/N WD8CGI/N	14,469-258-53-21 15- 5- 3- 5	WBOVDY/N WBOUTT/N WBOQFV/N	31,330-467-65-25 22,243-377-59-30 18,600-280-62-12	WA2CJY, W WA2INJ, WA	A2DHZ, WA2ESE, A2JHP, WA2YIT,
WA6QCO/N WB6SZH/N WA6HQS/T	3366- 89-34-29 2871- 87-33-19	WB7NZI/N WB7NVP/N WB7EJE/N	27,268-386-68-29 25,090-386-65-23 18,054-306-59-28	9		WBOTER/N WBOWSP/N	17,690-290-61-21 7399-151-49-14	WB2CPL, WI WB2JTU, KI W3JJD, WA	BZFFY, WBZJIE, BDZB, WBARK, BSXU, WBBANC,
WAGHQS/I WB6MQT/N WA6PJO/N	2720- 75-32-22 2380- 70-34- 9 1680- 56-30- 3	WB7ONÝ/T WB7NAU/N	18,054-306-59-28 14,080-241-55-30 13,780-250-52-27	Illinois		WBØWAW/N WBØRPU/N WBØYJT/N	31,330-467-65-25 22,243-377-59-30 18,600-280-62-12 17,690-290-61-21 7399-151-49-14 6292-121-52-9 5609-79-41-7 5544-126-44-26	WB3BWC, W	B3CTW, WB3DEJ B3EDC, WB3EFQ,
WB6RLE/N	972- 36-27- 9	WB7EEH/N WB7ODS/N	13,365-228-54-29 12,667-228-53-26	WB9SAD/N	37,444-491-74-30	WB0SOQ/N WB0QNU/N	4592-112-41-20 1104- 46-24-23 280- 20-14- 7	WB3ELV, W WA4EBN, W	B3FKO, K4EJQ, A4QBW, WA4TQJ, A4WNY WA4WSI
Orange		WB7FDE/N WB7FFF/N WB7AHS/N	13,780-250-52-27 13,365-228-54-29 12,667-228-53-26 10,441-197-53-29 9700-174-50-18 9650-173-50-17 7900-158-50-18 6072-123-44-17 5764-121-46-30 4940-184-35-22 1349-48-48-49 1242-46-27-13 224-16-14-6	WB9VGO/N WB9TZM/N WB9YTT/N	29,568-448-66-30 28,635-390-69-29	WBØSLO/N	280- 20-14-7	WA4ZAJ, W.	H33CTW, WB3DEJ, B3ENC, WB3EFQ, B3FKCO, K4EJQ, K4EJQ
WA6TKG/N WB6SHL/N	16,124-278-58-26 12,264-219-56-25 10,900-203-50-29	WB7AHS/N WA7ATU/T WB7FFJ/T WB7EUR/N	7900-158-50-18 6072-123-44-17	WR9VQA/N	21,318-374-57-25 15.950-260-58-30	Minnesota		WB4YOL, W	B4YVX, KP4EFR/N, 5VID, WB5YLV,
WA6TKG/N WB6SHL/N WB6PBA/N WB6SIO/N	5208-109-42-17	WB7EUR/N WB7ECH/N	4680-130-36-30 2940- 84-35-22	WB9QVY/N WB9TBH/N WB9ZBQ/N	14,896-289-49-19 14,868-237-59-27	WBØSYT/N WBØRSW/N	24,318-371-63-27 11,822-257-46-30 10,260-180-54-15	WB5YQK, W WB6LVL, W	DSAAM, WA6LMB, A6OFG, WA6POY, B6ULZ, WB6LYB
WB6OTÍ/T WB6LHO/N WA6SRI/N(+V	1587- 69-23-10 273- 21-13- 8	WB7AQZ/T K7QLC/T WB5TWK/7T	1392- 48-24- 9 1242- 46-27-13	WB9UKK/T W9RVG/T WB9UAB/N	12,567-203-59-26 10,229-183-53-27	WBØSUN/N WBØWTY/N WBØUVD/T	7476-178-42-30	WB6RMQ, W	ATIOF, WATYUL, BTNVL. KLTIFP.
WAOSKIJIV(+V	21,183-307-69-17	WB5TWK/7T	224- 16-14- 6	WB9HGN/T WB9VLM/N	10,017-179-53-13 9494-187-47-27	WBØSHT/N	5124-122-42-15 1160- 40-29-12 WB@s YUU,YUW)	KL7IKO, KL W8VUV, WA	71WE, KL71WT, 8WWS, WB8WLO,
Santa Barbara		Wyoming		WB9TJY/N WB9TJY/N	9412-166-52-23 9288-172-54-25	**************************************	2937- 69-33- 6	WD8DDL, W WD8DDT, W	DBAPL, WD8CWH, D8DIB, WD8DMX. D8DQR, WD8ELN.
WB6DNN/N WA6NYS/N	18,688-292-64-30 15,060-251-60-28	WB7NLQ/N WB7DYK/N	7560-140-54-22 570- 30-19-15	WB9YLS/T WB9WSO/N	8772-172-51-29 8428-172-49-30	Missouri		W9LNQ, WB	9JKO, WB9NRK, 9UBA, WB9VSG
Santa Ciara Va		Alaska		WB9WSO/N WB9QWY/N WB9SVH/N	6902-183-34-15 6665-145-43-30	WBØQZY/T WBØUFB/N	18,840-314-60-30 12,296-232-53-30 12,084-212-57-30 10,971-207-53-30	(multiop), W WB9YYJ, W WB@I XM W	BYWSU, WB9WUW, ØTIV, WØUBT, (BØSH), WBØTOJ
WA6MZR/N	-	KL7IUQ/T KL7ISX/N	2448- 68-36- 8 774- 43-18- 5	WB9QWY/N WB9SVH/N WB9VGB/N WB9YTE/N WB9YTE/N WB9ZBW/T WB9PZC/T WB9YJE/N WB9UKI/N	5772-148-39-10 4176-134-29-15	WBQQZY/T WBQUFB/N WBQTPQ/N WBQUNB/N WBQVDO/N WBQWUR/T WBQUGX/N WBQTQM/N WBQTQM/N WBQTQM/N	12,084-212-57-30 10,971-207-53-30 9600-180-48-25	WBOTQL, W	DADGR, WDSELN, 9JKO, WB9NRK, 19UBA, WB9VSG B9WSU, WB9WUW, ØTIV, WØUBT, 1BGSHI, WBØTOJ, BØWDA, WBØWIW, E4AAU, WB5LSU/TI2
WA6HBP/N WA6OCV/N	28,578-423-66-27 25,984-381-64-25 23,450-350-67-30	KL7IUT/N	493- 29-17-14	WB9ZBW/T WB9PZC/T	2628- 73-36- 7 2414- 71-34- 7	WBOWUR/T WBOUGX/N	4224- 88-48-21 3952- 89-38-10		
WB6SHD/N WB6SJQ/N	19,565-286-65-30 10,304-224-46-26 10,535-215-49-21	8		WB9YJE/N WB9UKL/N WB9YEL/T	1891- 61-31-20 1716- 56-26-12	WBOTQM/N WBOSRI/N	3293- 69-37- 6 2728- 88-31- 6		
WA6REB/N WB6QKG/N WB6EQS/T	10,535-215-49-21 9860-155-58-20 7105-145-49-15	Michigan		WB9TWF/N WB9VLV/N	22,081-311-71-30 21,318-374-57-25 15,980-260-58-39 14,868-227-59-27 14,986-227-59-27 10,192-198-52-17 10,017-179-53-13 9494-187-47-27 9412-186-52-23 9288-107-54-26 9278-177-51-29 8772-177-51-29 8772-177-51-29 8772-177-51-29 8772-177-51-29 8772-177-51-29 8772-177-51-29 8772-183-34-15 6665-145-43-30 5850-140-39-11 5772-148-39-10 4176-134-29-15 2624-73-34-7 1916-56-26-12 1975-53-25-5 1340-52-20-15 1254-42-29-9	WBØWCN/N WBØUUG/N WBØVOE/N WBØSSK/N	9600-180-48-21 3952- 89-38-10 3293- 69-37- 6 2728- 88-31- 6 2310- 66-35- 8 1769- 61-29- 7 1680- 60-28-10 841- 29-29- 6	Disqualificati	ons
WB6EQS/T WB6POR/N	6762-161-42-16	WB8VWE/N	40,807-544-73-30	WB9YTC/N	1078- 49-22- 9	WBØSSK/N	841- 29-29-6	WB2EAL	



## **GRAND PRIX AWARD**

□ On the occasion of the "Grand Prix" of formula 1 racing cars held every

September at the Monza Motodrome, the Amateur Radio Club of Monza, Italy, will issue an award to any amateur who works stations in Monza. Contacts must be made during September on any band from 3.5 MHz to 144 MHz except the 50-MHz band. If your QTH is in zones 1-3, three QSOs are required, or five QSOs from zones 4 or 5. Phone

contacts are allowed, but crossband relay and mixed contacts are not valid. Credit for a contact may be claimed only once on each band. Applications giving call, day, time, frequency, mode and reports of each QSO should be sent by November 1 to QRI Club, Box 1, 20052 Monza, Italy. There is a \$3 fee (10 IRCs). -I2VRF