



Visalia 2017 CW Breakfast



[*See story by Rick, N6XI, page 7*](#)

President's Message

April has just flown by and a lot was done. It started with the beginning of the April/May Semester for a new class of students in CW Academy Level I for me but there are classes for Level II and Level III students also. There aren't many experiences that equal observing the success of a ham when he learns all the characters of the alphabet, the numbers, punctuation and prosigns. After the 10th week of progressive practice, they realize they can begin to communicate with Morse Code. Maybe it's still a little rough but they have



(Continued on page 2)

CWops "CW/T" Every Wednesday

Regular Tests: Full Speed

Start: 13Z, 19Z, 03Z (+1), 1-hour each session

Exchange: name/number (members)
name/SPC (non-members)

Special Slow Speed sessions for CWA graduates will be June 14, 2017

Avoid DX pileups!

CWops "neighborhood": Look for CWops on 1.818, 3.528, 7.028, 10.118, 14.028, 18.078, 21.028, 24.908, 28.028, 50.098 "and up"

13+ wpm practice: Tuesday, Friday, Sunday 6-8 pm "local time" 7.035-7.045

CWops Officers and Directors

President: Mac McDonald [NN4K](#)

Vice President: Peter Butler [W1UU](#)

Secretary: Jim Talens [N3JT](#)

Treasurer: Craig Thompson [K9CT](#)

Director: Stew Rolfe [GW0ETF](#)

Director: Vidi La Grange [ZS1EL](#)

Director: Nodir Tursoon-Zade [EY8MM](#)

Webmaster: John Miller [K6MM](#)

Editor/Publisher: Tim Gennett [K9WX](#)

Table of Contents

President's Message	1
From the Editor	3
News & Notes	4
K6MM Retires as Webmaster	6
Coming in June: Mystery Bug	6
Visalia CW Breakfast	7
Results: 2016 CW Open	8
CWops Ambassadors Appointed	16
CW Academy	17
How We Were – W5LA	18
CWops Tests	19
North American CW Weekend	20
True Story	21
CWops Members Awards	22
QTX Report	24
New Members and Nominees	26
Operating Events	27
CWops and Friends Dayton Dinner	29
My Story: New member bio's	30

(Continued from previous page)

done what a lot of people haven't done and would like to. At the end of the Level I course, they own the code for the rest of their lives. They have mastered the basics and for the rest of their ham career they can improve it, perfect it and utilize it in so many ways. They are very pleased and the Advisors are all very proud of them.

The next big step for them is to participate in a CWT session. Most of them will be doing S & P although the Level III graduates will be ready to run. The usual way for the new CW operators to gain some experience in a safe space is for the regular operators to slow down and send CQ CWA. They are to call you and then their exchange will be their name and letters CWA. All the CW Academy Advisors will also send their name and CWA. This special CWT is on the second Wednesday of the month following the semester end. Mark your calendar for June 14, 2017. The students will be encouraged to participate in any or all three CWT sessions.

The RF propagation hasn't been so good lately but the participation in the Wednesday CWT sessions remains high with 125 to 140 members generally enjoying the activity. Keep it up.

The Dayton Hamvention is just weeks away now. The CWops dinner at the Spaghetti Warehouse is expected to have a nice turnout. The latest estimate is for about 80+ attending the dinner. Just recently I learned that Ed Muns RTTY Group has also reserved a room at the Spaghetti Warehouse so make sure you ask for the CWops room when you arrive. Try to arrive between 5:00 and 5:30 PM Thursday evening, May 18, 2017 as the wait staff will be taking your orders for dinner at 5:30.

Rob K6RB, has continued to manage the awards for the CWT's and QTX activities. He will have your medal and trophy available unless you have made other arrangements with him. The Award for Advancing the Art of CW will be presented at the CWops dinner. There will also be some other recognition awards presented following dinner.

If you enjoy taking pictures maybe you will have some available that you would like to share in Solid Copy after you get home. Attach them to an email and send to our editor, Tim ,K9WX (timk9wx@gmail.com). Please identify the activity, person's name and call sign if appropriate. Also, a reminder that any member who is available at 10:00 AM Friday May 19th, meet at the CWops Booth so we can include you in a large group picture.

If you cannot make it to Dayton for the Hamvention, maybe you can attend the North American CW Weekend, June 2-4, in the Washington, DC area. Members, non-members, spouses and friends are invited to an informal get-together. Watch the CWops reflector for more details.

See you soon,

CW FOREVER

Mac, NN4K, President

President's Message . . .

"There aren't many experiences that equal observing the success of a ham when he learns all the characters of the alphabet, the numbers, punctuation and prosigns."

From the [Editor](#)

Drama



It's not necessary to change. Survival is not compulsory.

I don't normally care for drama. In fact, I try to avoid it at every turn. But, the ham radio world is about to experience a seismic change that is sure to be the genesis of some significant angst and drama, and I have braced myself for seeing and hearing all about it.

As this issue of *Solid Copy* become available, many CWops members will be en route to Dayton for the annual Hamvention, arguably one of the three or four most important ham radio gatherings in North America, if not the world. Only, this year, the Dayton Hamvention is not being held in Dayton per se but in neighboring Xenia, Ohio at the Greene County Fairgrounds.

Most everyone knows the back story on this change. The old venue, Dayton's Hara Arena, was in many ways an ideal venue for what Hamvention had become. In fact, you could say that what Hamvention had become was, in many ways, the creation of Hara Arena's capabilities. But the Arena itself was getting a bit long in the tooth, and it finally become unusable and unavailable. If the Dayton Hamvention was going to survive, a change to a new venue was necessary. While the Dayton Hamvention became successful for many reasons, the large, local volunteer corps was a big part of that success and relocating outside of the Dayton area was simply not an option. The Greene County fairgrounds won the prize and we are all going to Xenia this year.

But, there are SOOOOOO many questions! I am fortunate that I have lived within easy driving distance of Dayton for my 25 years as a ham, so while I have not attended every year since I was first licensed, I have attended more often than not. Much of what I and most Dayton attendees have come to take for granted is now open to question. Parking? Rest rooms? Dining? Will vendor X's booth still be next to vendor Y's booth? Will the aisle space around vendor Z's booth still be cramped for space? For that matter, where will vendor Z's booth be located? I've had the major vendor booth locations memorized for years. Am I going to have to RTFM for a hamfest? It seems that I'm going to have to make some changes myself in order to survive.



The Greene County, Ohio Fairgrounds. Image © Google Earth.

For whatever other reasons we go to Dayton, or any of the other major ham radio confabs, the opportunities to interact with a wide range of vendors, to meet old friends and to make new friends have always been the core reasons to attend. It's difficult to imagine that the DARA folks responsible for the event will not have kept these goals foremost in their planning. The new location will be a success as long as these opportunities are still present, and I think we can all forgive them if a few of the edges are a bit rough the first year or two. I'll fill you in on my experience next month, assuming I survive the drama.

73,

Tim, K9WX, Editor

News & Notes

[Jerry Weisskohl, AC4BT](#)

Mike, N4EEV (ex WK6YH): I found out today my vanity application for N4EEV was approved. If you hear someone giving out 1600, it's me!

Hopefully this should allow for better flow (WH6YH had its problems as a CW call) and place me in 4-Land correctly. Feels a little weird after 24 years with the same call.

Thanks to all that gave me advice and insight; your insight was timely and welcomed. More than 18 months of applying for 1X2 and 2X1 for 4-Land calls without success, I choose a 1x3 and just be done with it. I cannot speak to whom the previous holder is; from what I can see it has not been used since 1997; any info appreciated.

Lionel, N5LB: On a typical very hot, very humid New Orleans summer afternoon while dripping sweat in my shack (bedroom actually and no air conditioning to even think about turning on) and tuning 15 meters (21,150 Kcs - every novice had a 7050 crystal!) I heard a faint signal that to me sounded like P5YCS, clearly DX but where. P5 was not listed in my genuine Collins Radio logbook index, this actually being the only Collins that I ever owned.

But I called him and he answered my shaking fist, and despite my drifty novice receiver and low power we exchanged reports and other info and I logged him as I copied him. Then my friend (Mike, WN5OSO, with an SX-101) a few miles away broke in to tell me that it was an SP and that I was a LID. Hmm, I had to admit he was probably right. This was my first DX. Hooked? Oh yeah! All night and many days and years hooked!

Mike and I went to the same high school so we had a bit of rivalry, though the SX101 versus my S-108 was pretty much no contest. The audio-visual memory of Mike, who was (and I think still is) a very good CW op, is vivid to this day and yeah, I still think he made the right call that afternoon. Faintly in the noise I can hear CQ CQ CQ DE P5YCS, logged as copied.

POLSKA **WARSZAWA**

SP5YC

WARSAW 34, KORONOWSKA 22A

MEMBER OF SP-DX CLUB

TO RADIO WN5ORM Confirming QSO of May 25 1966

on 21 Mc/s at 2000 GMT Ur cw-fone-2xSSB RST 579

Tx 160W Input w Ant. T Rx 10 tubes

Remarks This for the QSO/QSL Lionel

PSE QSL TNX VY 73! Toni

Dan, KB6NU: Hams—even CWOps—do not live by CW alone, so I will be speaking about teaching one-day Tech classes at this year Dayton (Xenia?) Hamvention. The talk takes place Friday from 9:15 am - 10:15 am in Room 4.

In this talk, I will answer the following:

- Why teach a one-day class instead of a more traditional, multi-session class?
- Where can you hold the class?

(Continued on next page)



(Continued from previous page)

- How can you publicize the class, i.e. put butts in seats?
- Should you charge for the class or offer it for free?
- What is a good text to use for the class?
- What are some good teaching techniques?
- What are some ways to follow up with students?

Giù IT9VDQ: My aim is to make it clear to other CWops just how busy and crazy my Wednesday morning is before CWTs, because at 60 I still have to work ...

In the morning I get up early, say around 6:00 AM, and go out for work at 7:00. First I fill the scooter's trunk with medicines, brochures and gadgets for doctors and pharmacists. I try to be one of the first people in the doctor's office. Around 11:00 AM I try to visit at least a couple of pharmacists and provide information on my products and maybe get some orders and then around 12:00 Noon, I go to the hospital, and quickly visit a few more doctors.

A sandwich and again back to home, where I take off my jacket and tie and dress in jeans, t-shirt and wind-breaker jacket to get on to "monte pellegrino" our contest station, IB9T.

It's a 30 minute drive to the contest station where I open the gate and after 600 meters of very poor dirt road, I finally arrive. I open the door, turn on a pair of switches, open a window, connect a high voltage cable, the cable of one of our three radio stations to one of the six-pack and then connect the antennas.

At the radio station I then turn on the computer and K3. Now there are less than five minutes to the start and I only have the time to load N1MM+ and see some spots on VE7CC, calling CQ to see my RBN: wow... 10dB from JF2IWL.

As usual at 13z all Americans are still 40m, from them it is still early in the morning ... ok, bad propagation, will start on 20m. Listening to last thirty seconds, and find Marco IK0YVV at 14028, I climb higher and find Bert F6FKA, then UR5MM, DL8PG, SF3A and many others... But, where are USA stations? I work VE7CC and can find Bud AA3B, then K3WW, AD8J ... ok ... I tune to 14034 and then QRL? CQ IT9VDQ CWT: well, a whole hour of great fun!

Bob, N7WY: '7QP' is coming May 6th. In preparation, I spent the winter compiling a list of WYoming call signs that had operated on HF in the past 18 months (K6TU extracted calls from logs submitted to Super Check Partial from November 2016 to February 2017).

I looked though a couple of public domain NAQP call histories, obtained net control logs for nets with WYoming members, and added a few personal contacts. Conflating these sources produced a list of unique calls with over 250 entries.

The next step was to use QRZ.com to locate 170 e-mail addresses, and then mail-merge the list onto post-cards for the remaining 80 calls. My invitation invited those 250 hams to participate in 7QP, Field Day, 3 summer NAQPs and both Sweepstakes.

I hope it makes it easier to log a WYoming multiplier. Time will tell.

73,

Jerry, AC4BT, News & Notes

John Miller, K6MM, Retires as CWops Webmaster

Since the beginning of the CW Operators Club John (CWops #11) has been our dedicated Webmaster, managing the website www.cwops.org. He has done a great job and has created a very professional and useful Internet location that many of us use frequently. John has performed his support function as Webmaster for 10 years and now has some other projects he would like to focus his attention on, one of which is his new position as 2017-2018 President of NCDXF (Northern California DX Foundation).



Thank you for your service John and best of success with your future plans.

Mac, NN4K, CWops President

Coming in the June *Solid Copy*: THE MYSTERY BUG

John Dicker, VE3CSJ, and Gary Johnson, NA6O

“So many bugs were made by so many makers over the past hundred years that we sometimes come across one with no maker’s marks and that nobody can identify with absolute certainty.”

Thus starts the tale of this “mystery bug” found by John, VE3CSJ, at an estate sale in southwestern Ontario. Read the full story in the June edition of *Solid Copy*.



Visalia CW Breakfast 2017: Waffles and More

[Rick Tavan, N6XI](#)

Since our founding, CWops has joined forces with FOC to attend the CW Breakfast at the Visalia, California International DX Convention. The event predates CWops, having begun in 2008. Since the convention program does not include a breakfast on the Saturday morning, there is little competition for that time slot. (We do have a few hard-serving members on the executive committees of other radio organizations who meet then and are regrettably unable to attend, but the large majority of us are free.) Early on, the FOC folks had located a local restaurant with the fortuitous name **Country Waffle**, from then on to be known as the “CW Restaurant.” It is a traditional, American breakfast spot with good food and friendly service. Originally, they had two locations and we began enjoying an early Saturday breakfast at the one closer to the convention venue near the airport. Since then, that location has closed, but the convention has also moved to downtown Visalia. The “other” CW Restaurant is within a hearty walk of the new convention center and host hotels and we have met there since 2012. For those staying in the outlying hotels or trying to maximize shut-eye or convention-floor time, it has plenty of parking and diners can make it back in time to catch the early events.



In recent years we experimented with expanding the invitation to include not only FOC and CWops but also CW enthusiasts from some local and regional radio clubs. However, the downtown restaurant has less space than the predecessor and we overflowed the back room. So this year we shrank down to just FOC, CWops, and a few guests and everyone fit comfortably.

73,

Rick, N6XI, Special Correspondent

The CW Open in 2016

[Rob Brownstein, K6RB](#)

For the sixth time in six years, CWops has organized and managed the CW Open contest. Unlike other contests, CW Open comprises three separately scored and awarded contest sessions within a 24-hour period. And, whereas participation is worldwide, awards are given based on each participant's ITU region.

The kickoff session, session 1, begins at 0000Z on the first Saturday of September, each year. It continues right up to 0400Z. Session 2 begins at 1200Z and ends at 1600Z. And the final session begins at 2000Z and finishes at 0000Z. At the beginning of each session, your QSO and multiplier count is zero. So, theoretically, over the course of the three sessions, you could work the same station 18 times! However, multipliers are given for working a callsign once during a session. So, if you worked that same station on six bands, you would receive 6 points but only 1 multiplier.

Unlike many contests where you receive higher points on lower-frequency bands, and multipliers for different locations, CW Open offers the same points on all six bands, and the aforementioned multiplier for working a callsign the first time during a session. The implications of this unique scoring scheme is that your highest score is obtained by working as many different callsigns as you can, as quickly as you can, during the ensuing four hours per session. It is conceivable, therefore, that someone running 100 watts with a modest antenna could win an overall session that includes high power stations simply by being better at working more stations more quickly. That, of course, would depend upon overall participation.

As in prior years, participation has been primarily in Region 2. That said, an increasing number of Region 1 players have been noted. Region 3, however, has been essentially and conspicuously absent. For the second year in a row, there were no Region 3 trophies or plaques awarded. Comparing the results of 2016 to 2015, we see that scores tended to be a bit lower. No doubt the lack of sunspots is having its effect. In the next few years, we will probably see different strategies at work with people spending more time on 20 and 40 meters due to propagation degradation on 15 and 10 meters.

So, let's see how 2016 rolled out and begin planning and strategizing for the upcoming 2017 CW Open, on September 2, 2017.

Session 1 – 0000Z to 0400Z

CALL	NAME	QSO'S	MULT'S	SCORE	PWR	CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR
K5OT @K5TR	LARRY	395	240	94800	HIGH	K3MD	JOHN	253	156	39468	HIGH
AA3B	BUD	402	233	93666	HIGH	W6SX	HANK	251	155	38905	HIGH
K4RO	KIRK	368	213	78384	HIGH	N3JT	JIM	261	147	38367	HIGH
K0RF	CHUCK	375	208	78000	HIGH	K5AX	TOM	236	157	37052	HIGH
N5ZO	MARKO	361	207	74727	HIGH	AA4CF	CHAS	243	148	35964	HIGH
K3WW	CHAS	365	203	74095	HIGH	VE3KI	RICH	238	146	34748	HIGH
N3RD	DAVE	332	201	66732	HIGH	NS9I	TOM	241	141	33981	HIGH
N3RS	SIG	342	192	65664	HIGH	K3WJV	BILL	223	148	33004	HIGH
WJ9B	WILL	348	186	64728	HIGH	KH6TU (AD6E op)	ALAN	208	158	32864	HIGH
W4OC	DON	325	198	64350	HIGH	K2LE	ANDY	202	158	31916	HIGH
N3QE	TIM	318	188	59784	HIGH	K1EBY	FRANK	220	145	31900	HIGH
N1LN	BRUCE	300	190	57000	HIGH	N4BP	BOB	198	149	29502	HIGH
K4BAI	JOHN	305	183	55815	HIGH	N5QQ	RON	203	142	28826	HIGH
K6RB	ROB	300	186	55800	HIGH	N8BJQ	STEVE	212	131	27772	HIGH
K9YC	JIM	290	176	51040	HIGH	N4IQ	BILL	198	139	27522	HIGH
N3AD	ALAN	290	166	48140	HIGH	WC7Q	SAM	190	143	27170	HIGH
K2RD	IRA	277	165	45705	HIGH	W1NN	HAL	188	141	26508	HIGH
KU8E	JEFF	271	166	44986	HIGH	N4AF	HOWIE	168	141	23688	HIGH
W2LK	LES	274	162	44388	HIGH	K3UL	BOB	186	125	23250	HIGH
W6EU	JIM	270	164	44280	HIGH	K9MA	SCOTT	162	122	19764	HIGH
NS0R	MORGAN	252	170	42840	HIGH	N4FP	WAYNE	169	116	19604	HIGH

(Continued on next page)



(Continued from previous page)

CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR	CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR
W2GR	MIKE	157	120	18840	HIGH	N2AN (WC4E op)	JEFF	135	98	13230	LOW
K0NM	NIZ	162	115	18630	HIGH	K2QB	JIM	109	100	10900	LOW
NW2K	DEAN	163	105	17115	HIGH	W2GN	CHAS	121	90	10890	LOW
K2SX	DENNIS	158	106	16748	HIGH	K0AD	AL	115	87	10005	LOW
N3AM	JOHN	143	117	16731	HIGH	K1TR	ED	102	93	9486	LOW
K17Y	JIM	145	114	16530	HIGH	K5XU	MIKE	104	80	8320	LOW
K3SEN	DALE	142	101	14342	HIGH	K1DC	DON	102	78	7956	LOW
K4GM	GEO	127	109	13843	HIGH	N4OX	JAY	93	83	7719	LOW
VE2FK	CLAUDE	129	102	13158	HIGH	N8EA	JOE	102	70	7140	LOW
WA1Z	BOB	120	103	12360	HIGH	KM4FO	DWIGHT	97	73	7081	LOW
AF4RK	JOHN	113	100	11300	HIGH	N2UU	BOB	90	77	6930	LOW
K3WA	BILL	114	99	11286	HIGH	K3IE	HUNTER	86	79	6794	LOW
NN4K	MAC	124	88	10912	HIGH	KP3W	JOSE	82	82	6724	LOW
IT9MUO	ALF	106	95	10070	HIGH	VE3GFN	MIKE	92	72	6624	LOW
K9WX	TIM	114	87	9918	HIGH	XE2S	MARCO	90	73	6570	LOW
ND8L	RAY	121	81	9801	HIGH	N2WF	SCOTT	85	71	6035	LOW
K4AFE	JOHN	119	80	9520	HIGH	W6KY	ART	79	60	4740	LOW
WA6URY	DAN	111	84	9324	HIGH	K4OAQ	FRITZ	70	67	4690	LOW
N9NA	JOHN	104	89	9256	HIGH	N5PHT	GARY	74	59	4366	LOW
K5WK	KEN	96	83	7968	HIGH	WA9LEY	LEE	73	57	4161	LOW
W2RR (WA2AOG op)	LON	88	78	6864	HIGH	K4HQQ	JOHN	63	59	3717	LOW
WT2P	CJ	80	79	6320	HIGH	VE5SDH	SUMMER	60	53	3180	LOW
F5IN	MIKE	92	65	5980	HIGH	N4OO	BRIAN	63	50	3150	LOW
N4YDU	NATE	83	62	5146	HIGH	N0KQ	BILL	61	48	2928	LOW
K1CX (K1GQ op)	ELI	75	65	4875	HIGH	N2SO	CHAS	59	47	2773	LOW
W3UL	BILL	70	56	3920	HIGH	N5AW	MARV	55	50	2750	LOW
KJ9C	MEL	59	59	3481	HIGH	W9ILY	JOHN	54	50	2700	LOW
NM5Z	DAVE	61	57	3477	HIGH	KC9EE	GARY	50	46	2300	LOW
NG7M	MAX	57	50	2850	HIGH	AF5CC	JOHN	44	40	1760	LOW
W6NS	TIM	60	46	2760	HIGH	KE4KY	TOM	42	41	1722	LOW
KE4S	DAVE	50	45	2250	HIGH	NF8M	FRANK	43	36	1548	LOW
K1ESE	JOHN	46	44	2024	HIGH	WN4AFP	DAVE	39	39	1521	LOW
K7IA	DAN	47	43	2021	HIGH	W8JPF	JOE	39	38	1482	LOW
KA5M	MARSH	44	44	1936	HIGH	N5JR	JOEL	38	38	1444	LOW
K5HP	MONK	41	41	1681	HIGH	AA4GA	LEE	40	35	1400	LOW
NS8O	GREG	34	33	1122	HIGH	WQ7K	KIM	36	31	1116	LOW
OK1RR	MARTIN	32	32	1024	HIGH	W5GAI	SKIP	32	31	992	LOW
UX1UA	SERGE	28	22	616	HIGH	AE4QQ	DAVE	30	30	900	LOW
KC1AID	LEN	23	22	506	HIGH	VE3MV	DOUG	29	28	812	LOW
W5/MM0LID	SCOTT	17	17	289	HIGH	HB9ARF	PHIL	26	25	650	LOW
PY4YY	MARCIO	15	13	195	HIGH	W9FX	BRAD	24	23	552	LOW
N6UG	RAY	13	12	156	HIGH	VA3RKM	BOB	23	22	506	LOW
YQ6A (YO6BHN op)	JOSKA	8	8	64	HIGH	NC6K	ERIC	22	22	484	LOW
G0DVJ	JON	7	6	42	HIGH	KG3V	TOM	21	21	441	LOW
YO3GNF	JACK	5	4	20	HIGH	K7AZT	PAUL	20	20	400	LOW
SE4E (SM4DQE op)	LARS	3	3	9	HIGH	NT2A	GENE	15	15	225	LOW
K7SV	LAR	286	181	51766	LOW	WB5K	JAY	16	13	208	LOW
W7ZRC	ROD	263	166	43658	LOW	W7IY	STU	13	13	169	LOW
NP3A	ERIC	246	158	38868	LOW	KB7N	MARK	14	12	168	LOW
K9OM	DICK	243	156	37908	LOW	R6CC	ALEX	14	11	154	LOW
NA8V	GREG	236	152	35872	LOW	UR5EPV	VASIL	13	11	143	LOW
K1DW	DALLAS	199	131	26069	LOW	LU4EG	DAN	9	9	81	LOW
KM6Z	VLAD	194	134	25996	LOW	RA3XCZ	VLAD	9	7	63	LOW
W3KB	KEITH	194	125	24250	LOW	K6KQV	BILL	7	7	49	LOW
K5CM	CON	181	133	24073	LOW	SM0Y (SM0OY op)	LARS	6	6	36	LOW
N4KS	KEN	179	133	23807	LOW	SF3A (SM3CER op)	JAN	4	4	16	LOW
K3JT	TERRY	168	131	22008	LOW	RX9CM	LEO	4	4	16	LOW
W7OM	ROD	171	121	20691	LOW	TC4A (TA4CS op)	COSKUN	2	2	4	LOW
NW0M	MITCH	173	115	19895	LOW	W6JTI	FRANK	123	88	10824	QRP
K2ZR	POP	151	114	17214	LOW	N6GA	CAM	94	73	6862	QRP
NG7Z	PAUL	156	110	17160	LOW	KE8DI	DAVE	55	48	2640	QRP
N5TOO	VAN	140	113	15820	LOW	WB5BKL	NICK	51	42	2142	QRP
N1DC	RICK	147	102	14994	LOW	N4EWT	NEWT	31	29	899	QRP
KE8G	JIM	136	108	14688	LOW	UA6AK	VAL	22	21	462	QRP
WB5EIN	LARRY	133	107	14231	LOW	N8XX	IGOR	8	8	64	QRP
VE3MGY	BRIAN	135	102	13770	LOW	KU7Y	RON	2	2	4	QRP

(Continued on next page)



(Continued from previous page)

Session 1 Analysis: In the high power category, Larry, K5OT, piloting the station at K5TR, came in first with 395 QSOs, 240 multipliers, and a score of 94800. Interestingly, Bud, AA3B, made more QSOs (402) but had seven fewer multipliers for a score of 93666. Larry, K7SV, walked away with the low power category award with his 286 QSOs and 181 multipliers for a score of 51766. And, Frank, W6JTI, took home the QRP bacon with a commendable 123 QSOs, 88 multipliers, and a score of 10824.

Session 2 – 1200 to 1600Z

Session 2 results are based on 199 logs received. Logs were submitted by stations in all three ITU regions.

CALL	NAME	QSO'S	MULT'S	SCORE	PWR	CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR
K0RF	CHUCK	338	217	73346	HIGH	NN4K	MAC	100	83	8300	HIGH
AA3B	BUD	331	220	72820	HIGH	N3RD	DAVE	95	87	8265	HIGH
K5OT @K5TR	LARRY	323	217	70091	HIGH	GW4J (GW0ETF op)	STEW	88	87	7656	HIGH
N4AF	HOWIE	318	208	66144	HIGH	K8BZ	STEVE	96	79	7584	HIGH
K4RO	KIRK	330	199	65670	HIGH	K2LE	ANDY	101	73	7373	HIGH
N5ZO	MARKO	308	194	59752	HIGH	K1SE	BILL	95	77	7315	HIGH
WJ9B	WILL	291	199	57909	HIGH	KE4S	DAVE	96	75	7200	HIGH
N5XZ	ALLEN	282	200	56400	HIGH	IT9MUO	ALF	83	83	6889	HIGH
N3RS	SIG	278	199	55322	HIGH	VE9AA	MIKE	78	78	6084	HIGH
KZ5D	ART	283	195	55185	HIGH	K1USN (N1DC, K1DJ, K1RV)					
N1LN	BRUCE	287	189	54243	HIGH		CLUB	78	73	5694	HIGH
K3WW	CHAS	283	185	52355	HIGH	K4GM	GEO	75	71	5325	HIGH
K4BAI	JOHN	277	175	48475	HIGH	KU8E	JEFF	79	64	5056	HIGH
N3AD	ALAN	260	163	42380	HIGH	K3WJV	BILL	74	64	4736	HIGH
N3QE	TIM	250	165	41250	HIGH	F5IN	MIKE	64	64	4096	HIGH
N8BJQ	STEVE	253	156	39468	HIGH	VE3RIA	ANDREW	66	62	4092	HIGH
VE3KI	RICH	224	154	34496	HIGH	KH6TU (AD6E op)	ALAN	66	51	3366	HIGH
W1WMU	PAT	201	170	34170	HIGH	WA1Z	BOB	59	56	3304	HIGH
NS9I	TOM	229	143	32747	HIGH	EA1XT	JUAN	55	55	3025	HIGH
K5AX	TOM	212	153	32436	HIGH	WH7W	MARK	61	49	2989	HIGH
N4BP	BOB	199	159	31641	HIGH	R6AF	VIC	54	54	2916	HIGH
W2LK	LES	202	156	31512	HIGH	KA5M	MARSH	55	49	2695	HIGH
AA4CF	CHAS	206	152	31312	HIGH	VE3FJ	NICK	49	49	2401	HIGH
N3JT	JIM	213	145	30885	HIGH	KJ9C	MEL	45	44	1980	HIGH
K3UL	BOB	203	145	29435	HIGH	NS8O	GREG	42	41	1722	HIGH
K0NM	NIZ	183	155	28365	HIGH	KI7Y	JIM	45	34	1530	HIGH
K3MD	JOHN	199	140	27860	HIGH	G4NVR	PHIL	35	35	1225	HIGH
K1EBY	FRANK	181	152	27512	HIGH	K5HP	MONK	36	32	1152	HIGH
K1CX (K1GQ op)	ELI	189	144	27216	HIGH	F5MNM	LO	33	33	1089	HIGH
W6TK	DICK	184	137	25208	HIGH	G0DVJ	JON	27	27	729	HIGH
N5QQ	RON	175	132	23100	HIGH	K9GDF	RICH	28	26	728	HIGH
K6RB	ROB	185	121	22385	HIGH	KC1AID	LEN	29	24	696	HIGH
KC4D	BILL	185	119	22015	HIGH	SE4E (SM4DQE op)	LARS	23	23	529	HIGH
N4IQ	BILL	172	126	21672	HIGH	OK1RR	MARTIN	23	22	506	HIGH
AC4CA	JOHN	155	135	20925	HIGH	OH2BN	JARMO	19	19	361	HIGH
W2RR (WA2AOG op)	LON	166	123	20418	HIGH	RW3AI	VAL	15	14	210	HIGH
AF4RK	JOHN	146	136	19856	HIGH	WT2P	CJ	14	14	196	HIGH
DL5AXX	ULF	127	127	16129	HIGH	PY4YY	MARCIO	13	13	169	HIGH
K2UFT	DICK	141	114	16074	HIGH	JF2IWL	DAI	15	10	150	HIGH
W6SX	HANK	146	109	15914	HIGH	PA3DBS	PETER	11	11	121	HIGH
AD8J	JOHN	144	108	15552	HIGH	HI8A	CHIKIN	11	11	121	HIGH
K2SX	DENNIS	148	105	15540	HIGH	RA3NC	YURI	11	10	110	HIGH
N3AM	JOHN	148	102	15096	HIGH	N1NN	ROGER	10	10	100	HIGH
W6EU	JIM	132	112	14784	HIGH	K1SX	DAVE	9	9	81	HIGH
K3SEN	DALE	140	105	14700	HIGH	ZS1EL	VIDI	7	7	49	HIGH
K4OAQ	FRITZ	133	100	13300	HIGH	YO3GNF	JACK	7	7	49	HIGH
K1ESE	JOHN	120	100	12000	HIGH	TF3VS	VILLI	3	3	9	HIGH
N4YDU	NATE	115	92	10580	HIGH	DM2DZM	PETER	2	2	4	HIGH
VE2FK	CLAUDE	102	93	9486	HIGH	N5AW	MARV	311	209	64999	LOW
K4AFE	JOHN	110	82	9020	HIGH	K9OM	DICK	223	147	32781	LOW
UX1UA	SERGE	95	94	8930	HIGH	K7SV	LAR	219	148	32412	LOW
N4FP	WAYNE	103	85	8755	HIGH	K0AD	AL	203	138	28014	LOW

(Continued on next page)



(Continued from previous page)

CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR	CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR
W3KB	KEITH	193	138	26634	LOW	N5XE	CARL	30	30	900	LOW
K5WK	KEN	181	135	24435	LOW	WQ7K	KIM	30	28	840	LOW
W7ZRC	ROD	180	134	24120	LOW	N9AFU	MIKE	26	26	676	LOW
N4KS	KEN	177	132	23364	LOW	WD8RYC	JAMES	25	25	625	LOW
K1DW	DALLAS	176	131	23056	LOW	I5EFO	EMIL	25	25	625	LOW
N4OX	JAY	171	120	20520	LOW	OZ7BQ	JOE	22	22	484	LOW
N5TOO	VAN	154	119	18326	LOW	NF8M	FRANK	21	21	441	LOW
K2ZR	POP	144	114	16416	LOW	W8JPF	JOE	20	20	400	LOW
KP3W	JOSE	136	115	15640	LOW	AF5CC	JOHN	19	19	361	LOW
NW0M	MITCH	137	96	13152	LOW	IN3FHE	HELGA	17	17	289	LOW
W5GAI	SKIP	120	104	12480	LOW	SM0Y (SM0OY op)	LARS	16	15	240	LOW
NA8V	GREG	121	100	12100	LOW	W4HVV	JOHN	14	14	196	LOW
KM6Z	VLAD	117	98	11466	LOW	RX9CM	LEO	14	14	196	LOW
NO5W	CHUCK	118	94	11092	LOW	W6KY	ART	15	13	195	LOW
W7IY	STU	114	96	10944	LOW	4Z5LU	MIKE	13	13	169	LOW
KC9EE	GARY	107	90	9630	LOW	UX1IB	YAKOV	12	12	144	LOW
N2UU	BOB	110	85	9350	LOW	RA3XCZ	VLAD	12	12	144	LOW
W9ILY	JOHN	104	87	9048	LOW	UY5TE	NICK	11	11	121	LOW
K3IE	HUNTER	103	87	8961	LOW	UT4LW	YURI	11	11	121	LOW
K5XU	MIKE	109	82	8938	LOW	UC5D	ANDY	11	11	121	LOW
NT2A	GENE	103	86	8858	LOW	WB5K	JAY	11	10	110	LOW
VE3MGY	BRIAN	103	83	8549	LOW	LU4EG	DAN	10	10	100	LOW
W2GN	CHAS	90	82	7380	LOW	DL5YL	TINA	10	10	100	LOW
N8EA	JOE	90	81	7290	LOW	UR5EPV	VASIL	10	9	90	LOW
VE5SDH	SUMMER	85	73	6205	LOW	K6KQV	BILL	9	9	81	LOW
XE2S	MARCO	87	69	6003	LOW	M5M (G4OGB op)	LES	6	6	36	LOW
K4HQB	JOHN	83	71	5893	LOW	JK2VOC	YOSHI	6	5	30	LOW
K1TR	ED	79	70	5530	LOW	VA3RKM	BOB	5	5	25	LOW
W5LA	JIM	80	69	5520	LOW	KK6I	RON	5	5	25	LOW
KE8G	JIM	82	66	5412	LOW	JK8PBO	MASA	1	1	1	LOW
KM4FO	DWIGHT	79	61	4819	LOW	JE6TUP	NAKA	1	1	1	LOW
K1IMI (N4CW op)	BERT	73	63	4599	LOW	JE3ECD	HIDE	1	1	1	LOW
W4YE	BUDDY	68	63	4284	LOW	N4ZZ	DON	181	129	23349	QRP
NW2K	DEAN	69	59	4071	LOW	N6GA	CAM	104	89	9256	QRP
W7OM	ROD	67	54	3618	LOW	W1UU	PETER	67	59	3953	QRP
K7AZT	PAUL	61	52	3172	LOW	WB5BKL	NICK	51	45	2295	QRP
VE3GFN	MIKE	52	47	2444	LOW	KE8DI	DAVE	50	45	2250	QRP
AE1T	PETER	50	47	2350	LOW	K1GU	NED	41	38	1558	QRP
HB9ARF	PHIL	49	47	2303	LOW	N8XX	IGOR	40	37	1480	QRP
SF3A (SM3CER op)	JAN	51	45	2295	LOW	UA6AK	VAL	34	33	1122	QRP
N4DW	DAVE	51	45	2295	LOW	N4EWT	NEWT	33	31	1023	QRP
N2SO	CHAS	52	41	2132	LOW	WB3AAL	RON	28	27	756	QRP
N2AN (WC4E op @WC4E)	JEFF	50	40	2000	LOW	WD4EXI	VAL	21	21	441	QRP
N5PHT	GARY	51	39	1989	LOW	LZ1YE	NASKO	13	13	169	QRP
W1KM	GREG	43	39	1677	LOW	VU2UR	ARASU	4	4	16	QRP
N5LB	LIONEL	38	38	1444	LOW	UA3PP	NIK	3	3	9	QRP
K5CM	CON	37	34	1258	LOW						
KG3V	TOM	35	34	1190	LOW						
W9FX	BRAD	34	33	1122	LOW						
WA9LEY	LEE	33	33	1089	LOW						

Session 2 Analysis: In session 2 the top six scores had over 300 QSOs with the top four nabbing more than 200 multipliers, each. Chuck, K0RF, brought it home with 338 QSOs, 217 multipliers, and a score of 73346. Bud, AA3B, was right on Chuck's tail with 331 QSOs, 220 multipliers, and a score of 72820. In the low power category, Marv, N5AW, blew it out with 311 QSOs, 209 multipliers and a score of 64999. That score would have put Marv in 6th place in the high power category. The next three runner ups, Dick, K9OM; Lar, K7SV; and Al, K0AD all made over 200 QSOs with well over 130 multipliers. And, Don, N4ZZ, entered the QRP category and got a blow-out score of 181 QSOs, 129 multipliers for a score of 23349. His score was well over twice that of the runner up in this category.

(Continued on next page)



(Continued from previous page)

Session 3 – 2000Z to 0000Z

Session 3 results are based on the 199 logs received. Logs were submitted by stations in all three ITU regions.

CALL	NAME	QSO'S	MULT'S	SCORE	PWR	CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR
AA3B	BUD	394	236	92984	HIGH	W6RLL	JOE	92	73	6716	HIGH
K3WW	CHAS	374	223	83402	HIGH	W2LK	LES	84	79	6636	HIGH
K5OT @K5TR	LARRY	357	224	79968	HIGH	KA5M	MARSH	82	75	6150	HIGH
N3RS	SIG	339	212	71868	HIGH	N9NA	JOHN	86	70	6020	HIGH
K4RO	KIRK	340	211	71740	HIGH	K1CX (K1GQ op @K1GQ)					
N1LN	BRUCE	322	217	69874	HIGH		ELI	90	66	5940	HIGH
N4AF	HOWIE	341	204	69564	HIGH	HI8A	CHIKIN	85	69	5865	HIGH
N5ZO	MARKO	322	216	69552	HIGH	WH7W	MARK	84	69	5796	HIGH
KZ5D	ART	315	213	67095	HIGH	K8BZ	STEVE	83	66	5478	HIGH
N3RD	DAVE	320	200	64000	HIGH	N4YDU	NATE	74	65	4810	HIGH
K4BAI	JOHN	313	200	62600	HIGH	KJ9C	MEL	69	69	4761	HIGH
WJ9B	WILL	292	202	58984	HIGH	W2GR	MIKE	73	64	4672	HIGH
N3QE	TIM	299	186	55614	HIGH	W6NS	TIM	70	61	4270	HIGH
N3AD	ALAN	298	175	52150	HIGH	VE3RIA	ANDREW	65	64	4160	HIGH
K9YC	JIM	259	193	49987	HIGH	K17Y	JIM	63	58	3654	HIGH
N5QQ	RON	253	188	47564	HIGH	K9GDF	RICH	61	53	3233	HIGH
K3MD	JOHN	279	170	47430	HIGH	NS8O	GREG	55	47	2585	HIGH
KU8E	JEFF	269	175	47075	HIGH	K1SX	DAVE	48	44	2112	HIGH
K3WJV	BILL	257	177	45489	HIGH	K1OI	MARK	45	39	1755	HIGH
K2LE	ANDY	258	174	44892	HIGH	NG7M	MAX	42	39	1638	HIGH
K6RB	ROB	245	174	42630	HIGH	KC1AID	LEN	34	33	1122	HIGH
N8BJQ	STEVE	258	149	38442	HIGH	F5MNK	LO	36	30	1080	HIGH
KE1B	RICH	200	186	37200	HIGH	VE3FJ	NICK	30	30	900	HIGH
AA4CF	CHAS	239	155	37045	HIGH	NM5Z	DAVE	24	23	552	HIGH
N4KS	KEN	221	162	35802	HIGH	N1NN	ROGER	15	15	225	HIGH
N4BP	BOB	198	172	34056	HIGH	G0DVJ	JON	12	9	108	HIGH
N4IQ	BILL	212	157	33284	HIGH	44NVR	PHIL	9	9	81	HIGH
K1EBY	FRANK	220	151	33220	HIGH	VE3TW	STAN	7	7	49	HIGH
K7IA	DAN	185	143	26455	HIGH	K4GMH	MIKE	6	6	36	HIGH
N3AM	JOHN	195	135	26325	HIGH	RW3AI	VAL	5	5	25	HIGH
K3UL	BOB	197	133	26201	HIGH	PA3DBS	PETER	5	5	25	HIGH
W6TK	DICK	169	137	23153	HIGH	JO7KMB	MAC	5	5	25	HIGH
KH6TU (AD6E op)	ALAN	166	126	20916	HIGH	TF3VS	VILLI	4	4	16	HIGH
AF4RK	JOHN	154	130	20020	HIGH	K6CSL	BERT	4	4	16	HIGH
K1DW	DALLAS	152	122	18544	HIGH	RA3NC	YURI	2	2	4	HIGH
W2RR (WA2AOG op)	LON	152	118	17936	HIGH	N4TMM	JIM	1	1	1	HIGH
K3SEN	DALE	164	106	17384	HIGH	NP3A	ERIC	291	213	61983	LOW
K5AX	TOM	135	123	16605	HIGH	K7SV	LAR	298	190	56620	LOW
N2MM	CAROL	143	115	16445	HIGH	N5AW	MARV	276	201	55476	LOW
WT2P	CJ	135	120	16200	HIGH	KP3W	JOSE	250	167	41750	LOW
N3JT	JIM	142	107	15194	HIGH	K9OM	DICK	243	160	38880	LOW
W4OC	DON	132	104	13728	HIGH	W3KB	KEITH	222	156	34632	LOW
N4FP	WAYNE	130	97	12610	HIGH	K5WK	KEN	214	154	32956	LOW
IT9MUO	ALF	125	99	12375	HIGH	K0VBU	BILL	215	153	32895	LOW
K2SX	DENNIS	121	100	12100	HIGH	W7ZRC	ROD	195	156	30420	LOW
EA1XT	JUAN	123	93	11439	HIGH	NA8V	GREG	209	144	30096	LOW
W6SX	HANK	110	100	11000	HIGH	W8FN	RANDY	197	148	29156	LOW
VE2FK	CLAUDE	115	91	10465	HIGH	W4ML (W4MYA op)	BOB	201	136	27336	LOW
NN4K	MAC	120	87	10440	HIGH	KM6Z	VLAD	166	131	21746	LOW
K4AFE	JOHN	111	92	10212	HIGH	K8BTU	BILL	168	129	21672	LOW
K1SE	BILL	106	96	10176	HIGH	K5CM	CON	165	131	21615	LOW
KE4S	DAVE	118	86	10148	HIGH	W1QK	DAN	156	125	19500	LOW
K1ESE	JOHN	105	92	9660	HIGH	K2ZR	POP	129	114	14706	LOW
W5ASP	JOE	98	98	9604	HIGH	N4DW	DAVE	137	98	13426	LOW
NS9I	TOM	102	85	8670	HIGH	N8EA	JOE	130	97	12610	LOW
VE9AA	MIKE	95	86	8170	HIGH	W5GAI	SKIP	127	98	12446	LOW
K6DGW	SKIP	101	79	7979	HIGH	N2AN (WC4E @ WC4E)					
N6NC	LARRY	98	80	7840	HIGH		JEFF	125	93	11625	LOW
NC6K	ERIC	92	84	7728	HIGH	W7OM	ROD	118	97	11446	LOW
K1SM	BILL	91	75	6825	HIGH	VE3GFN	MIKE	118	93	10974	LOW
K4GM	GEO	88	77	6776	HIGH	K5XU	MIKE	117	90	10530	LOW

(Continued on next page)



(Continued from previous page)

CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR	CALL (Continued)	NAME	QSO'S	MULT'S	SCORE	PWR
K1TR	ED	114	90	10260	LOW	WA6URY	DAN	32	29	928	LOW
VE5SDH	SUMMER	108	93	10044	LOW	KS3K	STEVE	30	30	900	LOW
W4YE	BUDDY	113	86	9718	LOW	W4HVVH	JOHN	27	27	729	LOW
WN4AFP	DAVE	102	94	9588	LOW	K6PO/VE7	PAUL	28	26	728	LOW
K0AD	AL	102	92	9384	LOW	N4OX	JAY	26	26	676	LOW
K4PI	MIKE	98	91	8918	LOW	IN3FHE	HELGA	26	26	676	LOW
N5TOO	VAN	93	84	7812	LOW	NF8M	FRANK	24	23	552	LOW
NW0M	MITCH	100	78	7800	LOW	K5VI	ANDY	19	19	361	LOW
W1KM	GREG	100	74	7400	LOW	K4EOR	GEORGE	19	18	342	LOW
N2UU	BOB	98	75	7350	LOW	AF5CC	JOHN	17	17	289	LOW
VE3MV	DOUG	92	74	6808	LOW	W5OV	BOB	15	15	225	LOW
K3IE	HUNTER	79	79	6241	LOW	SF3A (SM3CER op)	JAN	12	12	144	LOW
AA2ZW	BOB	81	77	6237	LOW	NJ4Q	WILL	12	12	144	LOW
K5ZM	IAN	80	77	6160	LOW	LZ3YV	TONY	11	11	121	LOW
W9ILY	JOHN	83	69	5727	LOW	XE2AU	BEN	10	10	100	LOW
N2SO	CHAS	79	63	4977	LOW	WB5K	JAY	10	10	100	LOW
N0KQ	BILL	71	68	4828	LOW	KC5DCT	TIM	8	8	64	LOW
K7AZT	PAUL	71	61	4331	LOW	K6KQV	BILL	8	8	64	LOW
KE4KY	TOM	73	58	4234	LOW	KK7A	JIM	7	7	49	LOW
K1IU	MIKE	65	62	4030	LOW	KB7N	MARK	6	6	36	LOW
XE2S	MARCO	60	60	3600	LOW	K4OAO	FRITZ	6	6	36	LOW
W1WEF	JACK	59	59	3481	LOW	SM0Y (SM0OY op)	LARS	5	5	25	LOW
VA3EC	HARRY	59	59	3481	LOW	RX9CM	LEO	4	4	16	LOW
K0TC	RON	62	51	3162	LOW	JK8PBO	MASA	4	4	16	LOW
NW2K	DEAN	57	54	3078	LOW	RA3XCZ	VLAD	3	3	9	LOW
W6KY	ART	59	47	2773	LOW	UC5D	ANDY	2	2	4	LOW
KG3V	TOM	55	48	2640	LOW	OZ7BQ	JOE	1	1	1	LOW
N5XE	CARL	49	48	2352	LOW	AC2OC	JERZY	2	0	0	LOW
WQ7K	KIM	48	48	2304	LOW	N4ZZ	DON	124	116	14384	QRP
W4NZ	TED	49	47	2303	LOW	N6GA	CAM	109	91	9919	QRP
N5PHT	GARY	51	45	2295	LOW	K1GU	NED	98	96	9408	QRP
KN4Y	ED	52	44	2288	LOW	W1UU	PETER	90	75	6750	QRP
VA3RKM	BOB	45	42	1890	LOW	WB5BKL	NICK	83	70	5810	QRP
VE3HEU	VIC	41	41	1681	LOW	K7DD	MIKE	52	46	2392	QRP
W8JPF	JOE	39	36	1404	LOW	N4EWT	NEWT	42	41	1722	QRP
N9AFU	MIKE	36	32	1152	LOW	N8XX	IGOR	40	38	1520	QRP
KK6I	RON	34	32	1088	LOW	WB3AAL	RON	18	17	306	QRP
WA9LEY	LEE	34	30	1020	LOW	WA8HSB	JOHN	16	16	256	QRP
WN8P	JOY	34	29	986	LOW	KU4A	CHRIS	15	15	225	QRP
LU4EG	DAN	33	29	957	LOW	UA6AK	VAL	13	13	169	QRP

Session 3 Analysis: After his close showing in Session 2, Bud, AA3B, came roaring back to take the plaque and trophy for high power with 394 QSOs, 236 multipliers, and a score of 92984. Chas, K3WW, gave chase with 374 QSOs and 223 multipliers for a score of 83402. Eleven high power finishers made over 300 QSOs and 200 or more multipliers. In the low power category, Eric, NP3A, nailed it with 291 QSOs, 213 multipliers and a score of 61983. Lar, K7SV, was close by with 298 QSOs but 190 multipliers to finish at 56620. And, Marv, N5AW, pulled in 276 QSOs and 201 multipliers for a score of 55476. Finally, Don, N4ZZ, pulled another rabbit out of the hat making 124 QSOs, 116 multipliers and taking the QRP category win with a score of 14384.

Team Scores

In every one of the six CW Opens, participants were encouraged to form teams and post total team scores. Each year, there have been more and more teams registered and the results have been growing in magnitude, too.

(Continued on next page)



(Continued from previous page)

SECC & Friends #1		SECC & Friends #3		Deep Dixie CC		Heavy Hitters	
K4BAI	166,890	K2UFT	16,281	WB5EIN	15,538	NW2K	27,648
K7SV	136,328	W1MM	No Log	K5XU	30,420	NA8V	64,577
N1LN	178,251	AA4CF	100,524	K4AFE	34,170	NF8M	3,028
K4RO	215,794	N4EWT	4,890	K5WK	61,983	ND8L	10,076
K5OT	244,859	W7ZRC	85,162	NM5Z	5,810		105,329
N3QE	151,346	WN4AFP	11,900	W5GAI	22,008		
K0RF	151,021	N4BP	92,672	KC9EE	14,231		
K6RB	115,230	K4KW	No Log	IT9MUO	34,727	Our Gang QRP	
WJ9B	181,117	AF4RK	50,947	OK1RR	2,833	WB3AAL	1,432
N5ZO	204,031		362,376		221,720	N8XX	4,317
	1,744,867	SMC Greenday				N6GA	31,077
		WT2P	26,508	Niagara Frontier Radiosport		KU7Y	9
Team FRC		K3WA	14,505	W2GR	26,914	K2SX	41,596
AA3B	259,470	W9FX	1,929	AA2ZW	7,812		78,431
K3WW	209,852	W6EU	59,629	K2QB	11,439		
K3WJV	76,489	KH6TU	59,064	K2QO	No Log	Houston Beepers	
W3KB	77,085	K9YC	98,115	K2ZR	49,562	W5/MM0LID	389
K3MD	112,220		98,115	NN1NN	No Log	N5XZ	56,400
N3AD	138,997	Louisiana Contest Club		W2RR	42,840	KJ5Y	No Log
N3RD	137,950	KA5M	14,136		138,567		56,789
	1,012,063	K4GM	28,172	Eastside Contest Group		KCG (Kentucky Contest Group)	
SECC & Friends #2		K1DW	59,301	W6SX	65,295	K4FXN	No Log
KU8E	93,731	NO5W	11,743	W2BC	No Log	KM4FO	11,982
AD8J	16,129	KZ5D	122,280	W2SC	No Log	KU4A	225
N4IQ	74,644		235,632	WA1Z	17,086		12,207
W4OC	70,110			K1CX	38,412		
N4OX	31,248			G0DVJ	1,274		
N8BJQ	110,532				122,067		
NS9I	No Log						
K1EBY	84,296						
N4FP	38,702						
N3JT	79,092						
	598,484						

Team Analysis: SECC and Friends Team #1 had a full complement of 10 team members. One posted a cumulative score of nearly 250,000 and no one posted less than 100,000. So, the team came away with 1,744,867 points. Team FRC, fielding only seven players gave chase and garnered 1,012,063. It looks like for the time being, it's going to be the SECC and FRC teams vying for bragging rights in the team competition. Currently there are no awards given for team winners but that, of course, is subject to change. So, stay tuned.

Trophies:

Alfonso "Alf" Indelicato, IT9MUO

Combined Scores, ITU Region 1 Winner

314 QSOs 277 Multipliers 86978 points

Session 1, ITU Region 1, Winner

06 QSOs 95 Multipliers 10070 points

Session 3, ITU Region 1, Winner

125 QSOs 99 Multipliers 12375 points

(Continued on next page)



Trophies (Continued from previous page):

Joseph “Bud” Trench, AA3B
Combined Scores, ITU Region 2 Winner
1127 QSOs 689 Multipliers 259470 points
Session 3, ITU Region 2, Winner
394 QSOs 236 Multipliers 92984 points

Ulf Ehrlich, DL5AXX
Session 2, ITU Region 1, Winner
127 QSOs, 127 Multipliers 16129 points

Larry Hammel, K5OT
Session 1, ITU Region 2 Winner
395 QSOs 240 Multipliers 94800 points

Charles “Chuck” Cullian, K0RF
Session 2, ITU Region 2 Winner
338 QSOs 217 Multipliers 73346 points

Plaques:

Alfonso “Alf” Indelicato, IT9MUO
Session 1, ITU Region 1, High Power Winner
106 QSOs 95 Multipliers 10070 points
Session 3, ITU Region 1, High Power Winner
125 QSOs 99 Multipliers 12375 points

Ulf Ehrlich, DL5AXX
Session 2, ITU Region 1, High Power Winner
127 QSOs, 127 Multipliers 16129 points

Joseph “Bud” Trench, AA3B
Session 3, ITU Region 2, High Power Winner
394 QSOs 236 Multipliers 92984 points

Larry Hammel, K5OT
Session 1, ITU Region 2 High Power Winner
395 QSOs 240 Multipliers 94800 points

Charles “Chuck” Cullian, K0RF
Session 2, ITU Region 2 High Power Winner
338 QSOs 217 Multipliers 73346 points

Larry “Lar” Schimelpfenig, K7SV
Session 1, ITU Region 2 Low Power Winner
286 QSOs 181 Multipliers 51766 points

(Continued on next page)



Plaques (Continued from previous page):

Frank Letton, W6JTI

Session 1, ITU Region 2, QRP Winner

123 QSOs 88 Multipliers 10824 points

Marvin "Marv" Bloomquist, N5AW

Session 2, ITU Region 2, Low Power Winner

311 QSOs 209 Multipliers 64999 points

Don Binkley, N4ZZ

Session 2, ITU Region 2 QRP Winner

181 QSOs 129 Multipliers 23349 points

Session 3, ITU Region 2 QRP Winner

124 QSOs 116 Multipliers 14384 points

Eric Guzman, NP3A

Session 3, ITU Region 2, Low Power Winner

291 QSOs 213 Multipliers 61983 points

In sum: Congratulations to the winners of trophies and plaques in the 2016 CW Open. And, thank you to all who participated in the contests to make them both fun and exciting. Thank you also to Alan, AD6E, for log checking and adjudicating; and to Alf, IT9MUO; Bruce, N1LN; and Dai, JF2IWL for their roles as regional managers for Region 1, 2 and 3, respectively.

73,

Rob, K6RB, CW Open

CW Ops Ambassadors Appointed

CWops president Mac McDonald, NN4K recently announced two new appointments for CWops Ambassadors.

Gary Stone, N5PHT has been appointed CWops Ambassador to the South Central Region of the USA. Gary is replacing Dave Jaksa, W0VX who resigned previously due to family health concerns. We wish Dave and his family the best and will continue to make contacts with him on the CWT's and CWO. Gary is a regular CWT participant and frequently operates portable as part of the World Wide Flora Fauna (WWFF) program: see News and Notes in the April 2017 *Solid Copy*.

Bill Perkins, KC4D has been appointed CWops Ambassador to the South East Region of the USA. Bill is replacing Mac, NN4K who was South East Region Ambassador when he was elected to the office of President of CWops in January 2017. Bill is an enthusiastic promoter of CWops and has been responsible for several CW operators joining CWops. You have heard/worked Bill during the CWT sessions and he is now the go to person for more information about CWops in the SE-USA.



CW Academy

[Jerry Weisskohl, AC4BT](#)

We are now more than halfway through the 2017 Spring CW Academy (CWA) semester. In recent weeks CWops has started a campaign to enlist additional CWA advisors to ensure that the students who sign up now for our CW courses have as short a wait as possible before their course begins.

We have successfully enlisted several new Advisors who are now going through the new Advisor orientation and will be ready to begin running their own CW classes at the start of our next semester – Fall 2017 (September/October).

CWA continues to grow and improve on its mission of providing high quality on-line CW instruction (a unique service) to the ham community. We are constantly looking to improve things and make the ‘Student -learning-CW’ experience better and even more rewarding.

In many ways CWA has become a ‘circle of life’ as many students go through our programs, graduate, become CWops members themselves and then become new Advisors providing expert guidance to students eager to learn CW.

For those Hams who are unable to commit the necessary time to take the CWA semester courses and also for any of our regular students who are looking to enhance their CW skills further, CWops is now providing an opportunity to have an on-line CW QSO with CWops members. Several CWops members are volunteering their time and will be on 40 meters CW during local evening hours several evenings a week. CWA Advisors are invited to help out. There is no special sign-up for this, just get on 40 meters (7035-7045 Khz).

See the information below:

CWops CW Practice Sessions:

For: On-air practice at 13+ wpm for CWA students, graduates, others wishing to have real-time CW practice with others similarly afflicted with a love of CW and a need to improve proficiency, with a goal of 25+ wpm.

Purpose: To improve CW through on-air practice at a time and place when others are likely available.

Time and place: 7035-7045 kHz every Tuesday, Friday and Sunday around 6-8 pm local time. That means possible overlap with other time zones, which may mean 5 pm in Texas and 7 pm in New York. Conditions at this stage of the sunspot cycle make a comparable plan on 20m and higher for international contacts a risky proposal so for now we will limit this to 40m local evenings.

73

Jerry, AC4BT, CW Academy Manager



How We Were

Hank Garretson, W6SX

W5LA, Jim Ragsdale, CWops #1630



Jim as a 15 year old in 1961, operating as WN4BAC in Gadsden, Alabama.

Jim says, "Me at my first station: Philmore CR5-AC and Globe Scout Deluxe running 75 watts (the max a Novice could run). I had two crystals for 40 meters: 7165 kHz and 7175 kHz and one that would work on 15 meters (don't remember that frequency!). Since we were "rock-bound" it was usual to tune the entire Novice band after calling CQ. I shared the station with my brother, Alton, whose call sign was WN4BAD. Still loving the hobby and CW but equipment has improved greatly."

Here is Jim's current "shack."

73,

Hank, W6SX, How We Were



CWOps Tests

[Rich Ferch VE3KI](#)

First off, a reminder that the CWTs on June 14-15 (second Wednesday in June) will be slow-speed sessions to welcome the graduates of the current (and past) CW Academy classes. Advisors, alumni and recent graduates may be sending CWA instead of the normal second part of the CWT exchange, but since the CW speed should be below 20 wpm, that shouldn't catch you too off-guard. Anyway, you don't want to let using call history files get to be too much of a crutch – having to copy an unexpected exchange once in a while is not such a bad thing, is it?

Let's please all try to keep our CW speed down during the sessions on June 14-15 to give some of the folks who are still getting acclimated to CW a chance to get in on the fun.

There has been a lot of chatter on the CWOps Yahoo group about a proposal to shift the third session from 0300Z to 0200Z, at least during Daylight Saving Time in North America. This is not the first time this question has been raised. It was the main topic of my column in this newsletter in July 2015, with follow-up in the August and October columns that year.

Changing the UTC times back and forth with the seasons, or with the time changes in one particular part of the world, seems somewhat problematic. A permanent change of times might be easier to manage, especially if it ends up being a net benefit. The question is: how do we measure "net benefit"? What would we be trying to achieve by making a change?

Although participation in the 0300Z session is lower than in the other two sessions, it's not so low as to be a cause for concern for the event itself. We are currently getting well over 100 scores reported at 3830scores.com every session, including the 0300Z sessions, and at least in eastern North America there is no difficulty finding people to work during the entire hour. Despite the fact that eastern North America is the region where there seems to be the highest interest in a change, eastern North America is in fact already very well represented among the scores submitted for the 0300Z session.

Given that the overall health of the CWTs does not seem to be a problem, we might look elsewhere for motivations for a change. Are we trying to improve participation from particular groups, and if so who, and where? Any change is likely to make some people happier and others unhappier. Maybe we should be looking at broader goals. If our primary goal was to distribute our membership more evenly around the world, maybe the best way to meet that goal might even be to make this session an hour later, not an hour earlier(!).

Anyway, it seems likely that there will be further discussion of this during face-to-face encounters, at Dayton and in the CW Weekend in DC June 2-4. And on that note, I am looking forward to seeing many of you in person at Dayton.

We do the CWTs because they're fun; let's all make sure they continue to be fun for everyone.

73,

Rich, VE3KI (aka CG3KI in 2017), CWops Test Manager



North American CW Weekend

Fairview Park Marriott, Falls Church, Virginia, 2-5 June 2017

[Don Lynch, W4ZYT](#)

The 2017 CW Weekend will take place June 2-4 at the Fairview Park Marriott in Falls Church, Virginia. The weekend is open to all hams or others with an interest in CW or Morse code communication - FOC, CWOPS, SKCC, the Morse Operators Society, and FISTS. It is predominantly a social event and provides a great opportunity to connect with old friends, make new ones, and enjoy eyeball QSOs with folks you have worked on the bands for years. If you haven't been to one of these weekends, why not do it this year? If you have, come on back!

We'll begin with an informal pizza dinner on Friday evening, followed by a brunch Saturday morning hosted by Jim N3JT and Nina KE4PSV at their home in McLean. Dinner will follow that evening at Blackfinn Ameripub, Halstead Square, 2750 Gallows Road, Vienna, VA. This is a new venue, but reported by usually reliable sources to be excellent. It is 6 minutes from the hotel via a very simple route even us out-of-towners will easily be able to follow. The menu and other information are available at: blackfin-ameripub.com

There will be a hospitality suite with refreshments at the hotel Friday and Saturday evenings. Sunday morning, many attendees meet informally at the hotel for a leisurely breakfast before heading home or on to other activities. It is likely Frank, W3LPL, will make a tour of his world class station available to those interested on Sunday afternoon.

Hotel Information (also see below):

Marriott Fairview Park Hotel,
3111 Fairview Park Dr,
Falls Church, VA

(855) 214-3079 [toll free]
(703) 849-9400 [local]

Online: www.marriott.com/hotels/travel/wasfp-falls-church-marriott-fairview-park

Special Rate of \$ 99.00/night:
Please specify "North American Weekend."
Special rate applies May 31 – June 5.
Block reservations close 5/17/2017.

Here is the reservation link you can use to make online reservations:

[Book your group rate for North American CW Weekend](#)

If you would like to make your reservation by phone, the number to call is [1-800-228-9290](tel:1-800-228-9290). Guests can provide the city, state, and name of the hotel they're staying at, their arrival date, and ask for the "North American room block."

(Continued on next page)



(Continued from previous page)

Further details and directions will be forthcoming. June is a nice time of year to visit the Washington area, and the schedule allows plenty of time for sightseeing, shopping, socializing, or visiting family and friends.

There will be a modest registration of \$15 per person or \$25 per couple to cover refreshments and the hospitality suite on Friday and Saturday. Further information is available from [Don W4ZYT](#). You can send a check payable to "Don Lynch" at 1517 West Little Neck Road, Virginia Beach, VA 23452-4717. (I'll be in and out of the country in February, so acknowledgement may be slow. Please be patient.) No cash or IRCs please.

We hope you can join us, and encourage your CW-oriented friends to consider attending as well.

73

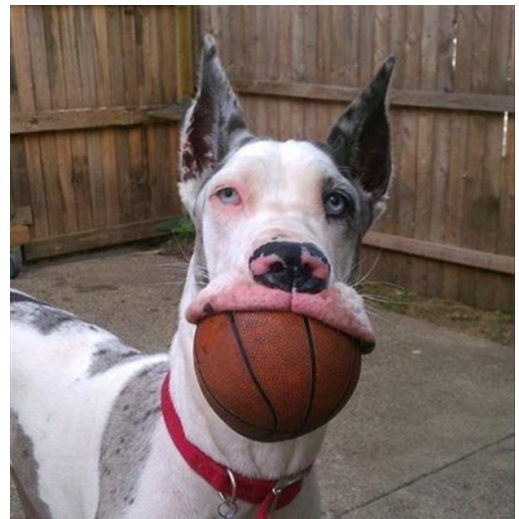
Don, W4ZYT and the CW Weekend Crew

True Story: QRM

[Jim Blanca, KE8G](#)

I had an elderly neighbor tell me he was going to sue me because my tower was "blocking" the TV signals from getting to his television. He said since I put up the tower and antenna, his television was completely blank and other "electrical things" stopped working. I asked him if I could come into his house to take a look at things. Turns out their dog had been behind the console television and chewed the electrical cord (really lucky on the dog's part!!) and killed the power to the television and blew a fuse. I replaced the plug on the line for him and the fuse in the fuse box. He sheepishly thanked me and I went home and had a good chuckle!!!

-Adapted from a recent listserv discussion.



CWops Member Awards

[Pete W1RM](#) and [Peter W1UU](#)

The Annual Competition Award (ACA) is based on the number of members worked each calendar year. You get one point per member worked, once per year. It resets to zero at the beginning of each year. The Cumulative Member Award (CMA) is based on how many members you've worked since January 3, 2010 on each band and continues to grow in perpetuity. The CWops Award Manager (CAM) software, available at no cost, will help you keep track of your ACA and CMA totals.

In the table below, members whose call sign is in **RED** have achieved a milestone: 100 DX entities, 40 WAE entities, 50 states (WAS). Members who wish to track their totals for these awards can use the CAM software developed by N5RR. It's available at no cost here: www.bbcyber.com/cam/

Call	ACA	CMA	Call	DX	Call	WAS	Call	WAE	Call	WAZ
AA3B	666	6393	W1RM	176	N5RR	50	W1RM	48	W1RM	38
K5AX	558	2602	F6HKA	167	W1RM	50	F6HKA	45	F6HKA	38
VE3KI	545	4204	W4VQ	145	W4VQ	50	OK1RR	44	W4VQ	37
N8BJQ	524	4388	G4BUE	126	F6HKA	50	N5RR	43	G4BUE	37
F6HKA	497	4397	N5RR	118	W1UU	50	G4BUE	43	N5RR	36
DL6KVA	455	1098	OK1RR	115	VE3KI	50	VE3KI	42	VE3KI	35
W1RM	450	4700	N8BJQ	114	G4BUE	50	N8BJQ	42	N5PHT	33
K1ESE	450	2719	VE3KI	113	EA8OM	50	EA8OM	42	IK0YVV	32
N5PHT	423	2121	OH2BN	112	W0EJ	50	W4VQ	41	DL6KVA	29
K9WX	363	2117	EA8OM	111	F6JOE	50	OH2BN	40	VK7CW	28
W0VX	343	2940	K1ESE	102	W6KY	50	AA3B	40	JF2IWL	25
KE4S	309	1278	AA3B	97	N1EN	50	SM6CNN	37	W6NS	19
NN4K	308	1418	W0VX	93	N5PHT	50	K1ESE	36		
IT9MUO	302	1565	SM6CNN	93	F5MNK	50	IT9MUO	36		
K3SEN	298	1190	EA1WX	92	K5IX	50	F6JOE	36		
K5IX	274	892	W9ILY	90	K3SEN	50	DL6KVA	36		
W9ILY	272	2920	DL6KVA	88	AD1C	50	W1UU	34		
K0MP	259	445	N1EN	86	AB7MP	50	W0VX	34		
K8AJS	240	862	IT9MUO	85	AA3B	50	KZ5D	34		
IT9VDQ	218	1132	N5PHT	84	K5AX	50	KR3E	34		
W1UU	204	2038	F6JOE	84	I5EFO	50	EA1WX	34		
I5EFO	204	451	AD1C	83	W9ILY	49	W9ILY	33		
W4VQ	197	2542	K5AX	80	W0VX	49	N1EN	32		
NA6O	185	1609	PA7RA	79	VK7CW	49	IT9VDQ	32		
N1DC	184	1529	KZ5D	78	NN4K	49	F5MNK	32		
F6JOE	178	2677	DL8PG	78	N8BJQ	49	PA7RA	31		
AD1C	178	2060	W1UU	75	N1DC	49	DL8PG	31		
KE4RG	178	275	KR3E	73	KT5V	49	K5AX	30		
G4BUE	170	3259	VK7CW	71	K9WX	49	IK0YVV	30		

(Continued on next page)



(Continued from previous page)

CWops Member Awards

Call	ACA	CMA	Call	DX	Call	WAS	Call	WAE	Call	WAZ
K6DGW	153	1676	N1ZX	70	K6RB	49	NN6T	29		
W6KY	135	2055	F5MNK	68	K6DGW	49	N1ZX	28		
G0MGM	122	279	NN6T	67	K1ESE	49	GW0ETF	28		
G4NVR	119	314	GW0ETF	67	GW0ETF	49	AD1C	28		
DL8PG	116	1730	IT9VDQ	65	WB9G	48	JF2IWL	26		
4X6GP	70	103	IK0YVV	57	W6NS	48	I5EFO	25		
VK7CW	66	1153	K6RB	56	SM6CNN	48	KE4S	24		
JF2IWL	34	923	W6KY	55	NN6T	48	K6RB	24		
N5RR	0	4098	KE4S	55	NA6O	48	G4DRS	24		
K6RB	0	3658	JF2IWL	51	N1ZX	48	VK7CW	23		
KZ5D	0	3239	4Z1UF	50	KZ5D	48	HB9ARF	23		
IK0NOJ	0	3093	NA6O	49	KE4S	48	N5PHT	22		
EA8OM	0	2758	G4DRS	49	IK0YVV	48	G4NVR	22		
SM6CNN	0	2477	WB9G	48	DL8PG	48	N1DC	21		
N1EN	0	1928	NN4K	45	AD5A	48	K8AJS	21		
N2UU	0	1774	K9WX	44	VE3MV	47	4Z1UF	21		
EA1WX	0	1724	N1DC	43	NU7Y	47	K2ZC	20		
OK1RR	0	1618	K3SEN	43	KR3E	47	G0MGM	20		
NN6T	0	1577	I5EFO	43	K0DTJ	47	WB9G	19		
GW0ETF	0	1451	KT5V	41	JF2IWL	47	K9WX	19		
KG5U	0	1322	HB9ARF	41	WX7SJ	46	NN4K	18		
PA7RA	0	1200	K6DGW	39	KG5U	46	G3YJQ	18		
KR3E	0	1136	W6NS	38	K8AJS	46	AD5A	18		
F5MNK	0	1111	K8AJS	37	IT9MUO	46	W6KY	17		
W6NS	0	1090	K2ZC	37	G4DRS	46	NA6O	17		
KT5V	0	1088	W0EJ	36	EA1WX	46	KG5U	17		
AD5A	0	1071	KG5U	35	DL6KVA	46	K3SEN	17		
4Z1UF	0	1032	AD5A	35	OK1RR	45	K3WJV	16		
W5ASP	0	1018	G4NVR	34	K3WJV	45	KT5V	14		
PA4N	0	955	G0MGM	33	K2ZC	45	W6NS	12		
N1ZX	0	940	K0DTJ	29	IT9VDQ	45	VE3MV	12		
WB9G	0	888	G3YJQ	27	PA7RA	44	K6DGW	12		
K3WJV	0	882	K3WJV	25	K0MP	44	W0EJ	10		
K2ZC	0	767	K5IX	24	KM4FO	43	G3XLG	10		
IK0YVV	0	767	VE3MV	23	HB9ARF	43	K5IX	8		
W0EJ	0	754	NU7Y	21	OH2BN	42	W5TM	7		
K0DTJ	0	742	AB7MP	21	KE4RG	39	G0DJA	7		

(Continued on next page)



(Continued from previous page)

CWops Member Awards

Call	ACA	CMA	Call	DX	Call	WAS	Call	WAE	Call	WAZ
HB9ARF	0	723	G3XLG	18	NV9X	38	K0DTJ	6		
KM4FO	0	721	WT2P	14	G3YJQ	37	AB7MP	6		
VE3MV	0	664	W5TM	11	4Z1UF	36	KM4FO	5		
AB7MP	0	628	KM4FO	10	WT2P	34	KE4RG	5		
WX7SJ	0	610	G0DJA	10	G4NVR	34	WT2P	4		
WT2P	0	574	KE4RG	8	W5TM	32	K0MP	2		
OH2BN	0	530	K0MP	7	G3XLG	31				
G4DRS	0	496	NV9X	4	G0MGM	31				
NU7Y	0	479			KE6K	17				
W5TM	0	235								
G3YJQ	0	234								
G3XLG	0	201								
NV9X	0	149								
G4HZV	0	120								
KE6K	0	116								
G0DJA	0	23								
PA1FOX	0	5								

QTX Report

Enjoying the Art of Conversational CW

[John Huffman K1ESE](#)

It's not a competition (mostly). Each month those who enjoy conversational CW QSOs submit their QSO totals for the month for listing here. Yes, the scores are listed and ranked. Yes, there is a station identified at the end of the year with the most conversational CW QSOs for a plaque. But, this is not meant to be a competition.

Instead, it is a way of monitoring your activity as a participant in the QTX program. It answers questions like,;

- How active have I been this month?
- Is my activity about the same as other stations under similar band conditions?
- Is this month my best of the year?
- How much of my radio time do I spend in rag-chewing compared to other activities?
- Am I enjoying rag-chewing more or less and why?

While it is great to earn a medal at the end of the year to recognize outstanding activity, the real value of the QTX listings is to monitor to what extent are you doing something you really enjoy. To add your callsign to the QTX list, just count up your monthly total of CW conversations lasting 20 minutes or long-

(Continued on next page)



(Continued from previous page)

er. Remember, any QSO longer than 20 minutes counts, with any ham, as many times per month as you like.

QTX Standings

Here is how we all did this month, the QTX standings –

Call	March	Call	March	Call	March
N5PHT	112	I5EFO	23	K0DTJ	6
N5IR	83	K5YQF	22	W3WHK	5
K5KV	44	KB6NU	19	K6DGW	5
K1ESE	34	WA8IWK	14	W5JQ	3
KC0VKN	30	N4DT	13	NN4K	2
G4ILW	30	K4AHO	11		
K8UDH	26	N4EEV	6		

As I say every month, Gary N5PHT had another outstanding month with over 100 QTX points. Bill N5IR was again second with an excellent count of 83. Benny K5KV retained third with 44.

Personal best scores for the year happened in April for – K8UDH and N4DT. I5EFO had a personal best in March.

We totaled 488 QSOs, down from March, and had 19 stations reporting, up from March. It must be band conditions. If you missed reporting, just send me an email so that I can add your prior month counts to your annual totals.

But, you don't have to have a top score to be a winner. We award QTX medals for the following totals at the end of the year -

Gold Medal - 400 QTX points

Silver Medal - 300 QTX points

Bronze Medal - 200 QTX points

It will be fun to see if you can accumulate the contacts needed to reach each level. Good luck with your totals and enjoy making new friends and chatting with your regular pals.

Here are the Medal Standings for the year to date –

Call	March	Call	March	Call	March
N5PHT	458	K5YQF	72	W3WHK	18
N5IR	296	K4AHO	54	K6DGW	14
KC0VKN	200	K8UDH	53	W5JQ	12
K5KV	193	WA8IWK	46	K6HP	11
K1ESE	158	N4DT	41	NN4K	6
G4ILW	118	N4EEV	27	N5LB	5
KB6NU	77	K0DTJ	24	KE4RG	2
I5EFO	74	HB9CVQ	19	N7YT	2

(Continued on next page)

(Continued from previous page)

Here are the medal winners to date –

GOLD – N5PHT

SILVER – None

BRINZE – N5IR (only 4 until Silver), KC0VKN

There is plenty of time for all of us to earn a medal for 2017. Good luck to all and see you on the bands.

Thanks to all for your participation.

73,

John, K1ESE, QTX Manager

New Members

Trung Nguyen W6TN

With great pleasure we welcome the following new members to CWops:

CWops	Call	Name
1812	DK5AX*	Markus
1813	W8DN*	Mike
1814	K7ZD*	Gary
1815	NV3N*	Stu

CWops	Call	Name
1816	WE7G*	W
1817	N1XS*	Chris
1818	N8LR	Gary

CWops	Call	Name
1819	KE0EK	David
1820	RM2D	Mats
1821	AA8TA*	Joe

*Indicates a Life Member

Current Nominees

As of May 1, 2017:

Need Sponsors: KE4TWI, DD5CF, K0PV, K5BRY, VE2IR

Invitations Extended: K7ULS, W6SBE, W8WOJ

For more details about nominees and up-to-date status, check the “Members Only” page on the website: <http://www.cwops.org>.

For information about joining CWops, check the “Membership” page on the website: <http://www.cwops.org>

73,

Trung, W6TN, Membership Secretary

Upcoming CW Operating Events

Joe Staples, W5ASP

This list of operating events is intended to provide members with options for using and improving their CW skills in not only the more popular contests but also in other more casual on-the-air activities.

Unfortunately the venerable CQ-M contest appears to have slipped off the marquee. Though it was announced for last year no results seem to be available. However, Stop, Look, Listen ... perhaps it will happen.

As always the WPX-CW is one of the "biggies" for most CW operators. One of the best features is that it's an "everyone works everybody" event, so there's always a potential new one for the log. It's an easy going weekend with something happening all the time. Don't miss it.

The Stew Perry Topband Challenge is a favorite of the dedicated low band operator. You'll probably run across most of the serious 160 gang, so find some time to join the fun.

All Asia could be pretty "iffy" this year what with the declining conditions on the high bands. Don't be surprised if things are a bit thin. Give it a try and see.

And for a real change of pace give the MARAC County Hunters Contest a try. While certainly not a high rate contest it can turn up a surprising number of folks in unexpected places giving out their unique exchange to all comers. If you're not already familiar with county hunting, it could be useful to scan the website at <http://marac.org/about.htm>

Till next time ... Keep on pounding.

MAY / JUNE EVENT

CQ-M International DX Contest cm.ru/en/rules. http://www.cq.html	1200Z, May 13 th to 1159Z, May 14 th
--	--

CQ WW WPX Contest, CW http://www.cqwp.com/rules.htm	0000Z, May 27 th to 2359Z, May 28 th
--	--

Stew Perry Topband Challenge http://www.kkn.net/stew/	1500Z, Jun 17 th to 1500Z, Jun 18 th
---	--

All Asian DX Contest, CW https://www.jarl.org/English/4_Library/A-4-3_Contests/2017AA_rule.htm	0000Z, Jun 17 to 2400Z, Jun 18 th
---	--

7th Call Area QSO Party http://ws7n.net/7QP/new/Page.asp?content=rules	1300Z, May 6 th to 0700Z, May 7 th
--	--

Indiana QSO Party http://www.hdxcc.org/inqp/rules.html	1500Z, May 6 th to 0300Z, May 7 th
--	--

Delaware QSO Party http://www.fsarc.org/qsoparty/rules.htm	1700Z, May 6 th to 2359Z, May 7 th
---	--

(Continued on next page)



(Continued from previous page)

New England QSO Party http://www.necqp.org/rules.html	2000Z, May 6 th to 0500Z, May 7 th and 1300Z-2400Z, May 7 th
Arkansas QSO Party http://www.arkqp.com/wp-content/uploads/2017/01/AQP-2017-Rules.pdf	1400Z, May 13 th to 0200Z, May 14 th
Alabama QSO Party http://www.alabamagsoparty.org/2016/2016Rules.pdf	1600Z, Jun 3 rd to 0400Z, Jun 4 th
West Virginia QSO Party http://www.qsl.net/wvsarc/wvqp/wvqp.html	1600Z, Jun 17 th to 0200Z, Jun 18 th
NCCC Sprint	0230Z-0300Z, May 5 th
NCCC Sprint	0230Z-0300Z, May 12 th
NCCC Sprint	0230Z-0300Z, May 19 th
NCCC Sprint	0230Z-0300Z, May 26 th
NCCC Sprint	0230Z-0300Z, Jun 2 nd
NCCC Sprint	0230Z-0300Z, Jun 9 th
NCCC Sprint http://www.ncccsprint.com/rules.html	0230Z-0300Z, Jun 16 th
SKCC Weekend Sprintathon	1200Z, May 13 th to 2400Z, May 14 th
SKCC Sprint	0000Z-0200Z, May 24 th
SKCC Weekend Sprintathon http://www.skccgroup.com/operating_activities/weekday_sprint/	200Z, Jun 10 th to 2400Z, Jun 11 th
NAQCC CW Sprint www.naqcc.info/	0030Z-0230Z, Jun 14 th
FISTS Spring Slow Speed Sprint	1700Z-2100Z, May 6 th
FISTS Spring Unlimited Sprint http://fistsna.org/operating.html#sprints	1700Z-2100Z, May 13 th
MARAC County Hunters Contest http://www.marac.org/contestrules.htm	1400Z-2400Z, May 13 th and 1400Z-2400Z, May 14 th
10-10 Int. Spring Contest, CW http://www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-rules	0001Z, May 6 th to 2359Z, May 7 th

73,

Joe, W5ASP



CWops + Friends Dayton Dinner: Thursday May 18

[Bill Perkins KC4D](#)

It's again Dayton Hamvention & time for our Annual CWops & Friends Spaghetti Warehouse Awards Dinner.

Again this year we have reserved the venue's largest rear Dining Room "C" for our Banquet Event. Last year we had over 80 attending, and this year we expect to max-out the Rooms Capacity of 100. The wait staff will take your meal and beverage orders upon your arrival at our tables. To speed service to our large group, you'll be asked to select from five(5) Spaghetti Warehouse Banquet Favorites: Spaghetti with Meatballs, Incredible 15 - Layer Lasagna, Four-Cheese Manicotti, Fettuccini Alfredo, Chicken Parmigiana, & Grilled Chicken Caesar Salad. All of these selections include a salad, bread, and non-alcoholic beverage. You may order any of the Five(5) Spaghetti Warehouse Favorites with the associated sides etc. for the fixed all inclusive price of \$20.36 per person (including tax & standard gratuity). You will receive individual bills including your adult beverage(s) if any, before you depart. These should be paid individually at the front desk. Two of the selections are meatless, but if you have other special dietary needs, I recommend you call the Restaurant a few days in advance & explain your needs and they will try to comply, where possible. They are in general a very congenial and accommodating group.

As always, everyone is welcome: CWops, spouses, significant others, and friends. You will find below a list of those who have already registered. Don't be caught in the last minute rush, reply immediately, and I'll reserve your spot(s). To secure your spot, I need a name, call, and e-mail address for my records. I look forward to greeting you on Thursday evening, May 18, 2017 at 5:30 PM. Remember, the Spaghetti Warehouse venue is a short two block walk West of the Downtown Dayton Convention Center & the Crowne Plaza Hotel, the traditional home of K3LR's Contest University, which concludes that same afternoon at 5:00 PM.

73,

Bill, WC4D, CWops Dayton Dinner

Scheduled to attend, as of May 3:

Rachael	4X5YL
Dov	4Z4DX
Danny	4Z5SL
Bill	AC0W
Cindy	XYL of AC0W
Jim	AD4EB
Dan	AK4SQ
Nodir	EY8MM
Russ	K0VXU
Dallas	K1DW
Ned	K1GU
John	K4BAI
Don	K4ZA
George	K5GH

Rob	K6RB
Lar	K7SV
Dave	K8CMO
Pat	XYL of K8CMO
Tim	K9WX
Bill	KC4D
Gary	KD8SAV
Sarah	KM4WHL
Nancy	N1NCY
John	N3AM
Jim	N3JT
Ed	N4EDT
Paul	N4PD
Don	N4ZZ

Van	N5TOO
Rick	N6XI
Jim	N7US
Steve	N8BJQ
Linda	N9WO
Ken	NG2H
Mac	NN4K
Chuck	NO5W
Nomar	NP4H
Steve	NR4M
Guy	VE2BWL
George	W1EBI
Jack	W1WEF
Bill	W2CQ

John	W2GD
John	W2YR
John	W4ER
Ted	W4NZ
Jim	W5TUF
Hank	W6SX
Rhonda	XYL of W6SX
Larry	W9CC
Howie	WA4PSC
Danny	WP4F



My Story: New Member Biographies

Joe Fischer, AA8TA

I've had an amateur radio license continuously for over 42 years. After my novice license arrived waaay back in 1974, I cobbled together a station somehow and screwed up all the courage that a 17-year-old could and called CQ. Some unsuspecting and unfortunate ham answered me whereupon I forgot what an E sounded like. Despite many QRS's and repeats, I failed to copy a single letter of his call sign.

That was enough of that Morse code silliness for me. Well, except that I needed 13 WPM to move out of the novice rankings, which I think still had a time limit on them. So, I listened to W1AW code transmissions and got up to around 15 WPM and took off for Detroit to try the 13 WPM exam.



No joy on that trip but I did copy at least 25 characters and ended up with a technician license. A few months later, a trip to Fort Wayne was a success and I got my advanced class license. There I was, almost all of the privileges a ham could get but I never made any HF contacts.

It was not too long after that that college, jobs, marriage, kids, etc. came along and ham radio drifted to the farthest back burner. The only activity I did was renewing my license when it was time.

Then in early 2014 I finally came to my senses and got serious about ham radio. After getting my extra-class license I put together a modest station and discovered the excitement of HF. Good timing with the ARRL's Centennial Celebration going on; every evening was a new, fun adventure. Way to go on my part missing all this for 40 years!

SSB and digital seemed like all that I needed; CW was fine for anybody but me. But three things happened during 2014: I had a QSO with a YL ham on SSB one time and she encouraged me to try CW. I probably said "yeah, I'll do that some time" but I was thinking, "that is so not going to happen." Later on, I heard from a few new hams who learned Morse code and participated in a CW contest and listened to how much fun they had. Hmmmm, if they could do it... Then I got my WAS (Worked All States) on both voice and digital leaving CW the only thing left to get the ARRL's Triple Play award. I'm such a sucker for awards which led to...

On January 1, 2015, I made an extremely rare New Year's resolution to (re)learn Morse code and use it on the air. At that point, I might have remembered only 4 or 5 letters and they would have to be sent molasses-slow. And on February 20, 2015, my resolution was fulfilled – it's even confirmed! Then it became a challenge to get better and make more contacts. After Sweepstakes in 2015, the mic was put away and CW was the only mode I used on HF after that.

I never, ever, not in a million years, would have thought that I would be a CW-only guy. I guess all I needed was to try it instead of dismissing it out of hand.

(Continued on next page)

(Continued from previous page)

During 2015, I got stuck at around 15 WPM and could not seem to go beyond that. I had heard about the CW Academy so I signed up. Initially, I was to start a Level 2 class in January, 2016, but was then told that it would September, 2015, instead. Oh no, I'm not ready, why did I sign up? What if they find out I'm not that good? Turns out I got a great advisor – Bill, KC4D – and I had a blast. I was really sorry that the 2 months had to end. I did repeat the Level 2 program with Mark, K5GQ, then completed Level 3 with Jack, NI8N. I think the two most important things I learned in the CWA were: always push yourself and have confidence that you can succeed.

Bill encouraged us to try the Wednesday CWTs. At first, it sounded like a buzz-saw but eventually I started to be able to copy a few call signs and it got a little easier every week. I love contests and the CWTs are great for having a regular contest-like event that is not too long to handle. I really look forward to the CWTs and they have been a tremendous help to making me a better operator. Thanks to the CWTs I have even tried to do more running in various events.

Whoever came up with the ideas for the CWA and the CWTs should get the ham radio equivalent of the Nobel Prize. I have seen a huge improvement in my skills over just a year or so and I'm really anxious to keep trying to get better. My next goal is to try a CW sprint.

From what I have seen, this looks like a great club and I have not seen any other group that has the resources to help people improve in their abilities to the extent that I have.

Jim Rosser, AD5TT

Jim and his wife, Suzanne, live and work in College Station, Texas, which is home to Texas A&M University (aka, “Aggieland”). Jim retired from the Navy in 2006 after serving in the surface warfare and intelligence communities for 20 years. Jim currently works at Texas A&M University's International Ocean Discovery Program, which is responsible for overseeing the science operations on the drilling vessel *JOIDES Resolution*. Jim has been a ham since 2013 and absolutely loves CW. He is grateful for the awesome CWA advisors (Dan-N5TM, Mark-K5GQ and John-K4AFE) who dedicated their time and talent to help him rapidly

build code proficiency over the last 18 months. He's absolutely thrilled and honored to be a member of CWops! Jim is currently a CWA associate advisor and looks forward to advising his own CWA level 1 class beginning in September. In addition to amateur radio, Jim enjoys traveling, cooking, photography, riding on his motorcycle, raising chickens, relaxing on the back porch, and spending time with family and friends.



CWops Webmaster Needed

The current CWops webmaster, John, K6MM, is unable to continue in that capacity and we need one or two people to handle the various tasks that arise with regard to the website. I say two because it's healthier to have a main person and a backup, although John will remain available if needed and will also work through a transition period to bring the new webmaster up to speed. Moreover, Don, N1DG, will remain as an emergency backup and for providing institutional history.

These primary abilities come to mind:

Comfortable working with HTML, CSS programming languages. Most websites are built around these languages. The current website was created using Adobe Dreamweaver but there are other tools.

Good sense of style & design, driven by common sense. The audience is an aging population of hams, meaning we need to use larger fonts, colors, keep navigation simple, etc.

Comfortable working with complex tables.

<http://cwops.org/cwtscores.html>

<http://cwops.org/cwa-student-res.html>

<http://cwops.org/sk.html>

Comfortable handling graphic images.

<http://cwops.org/newsletter.html>

<http://cwops.org/photos.html>

Interest in updating-upgrading the Awards program.

<http://cwops.org/members/index.html>

A keen eye for good grammar, accuracy & completeness.

Timely follow-through. Especially when updates are needed (newsletter, Events, CWT Scores, new officers, etc.)

The CWops webmaster is a critically important position to the future success of our organization. If you have the requisite skills and can devote a few hours each month to the effort, please let me know of your interest with an email to me at vadenmac@aol.com

73,

Mac, NN4K, President, CWops