## **January 1997 NAQP SSB Results**

This was another big turnout for the January NAQP SSB. Lots of good participation, 24 team entries, and increased multi-operator competition made for a high-energy contest. The top singleoperator award was heavily contested between perennial winner K6LL and K4AB from Team Alabama. When the smoke cleared, K4AB won with higher QSOs and mults on 80 and 160. But the difference was less than 5,000 points.

In the multi-operator class, usual first place holder K5TR <ex-WB5VZL> had some stiff competition from the SMC gang operating at KS9K. There were also two other high scoring multi-op entries, including one from the "underconstruction" station of Joe Rudi, NK7U.

In the team category, the Southern California Contest CLub did it again, followed by the Florida Contest Group, the Texas DX Society and Team Alabama. A word from the log checkers: if you are sending diskettes through the mail, please remember to send 3.5" diskettes only, and PLEASE send them in a mailer. Unprotected diskettes rarely survive the trip and are unreadable by the time we receive them. Remember to name your files with [your call.ext], and please don't send binary files. Check the rules if you have questions about log submission or ask K6ZZ or K6AW.

Also, please notice the soapbox comments from N6TR regarding the 160m

## Soapbox

It was fun working the SSB Phone Contest. Howlike CW better because of less QRM. (AD4PU); I thought working phone was great for my first contest although it was sometimes hard to tell who was who...KE4RHU Great contest This was Scott's (KC5KAK) first contest and we want to thank everyone for being patient with him. Missed a few mults, but happy with the score. Easy to beat next time...N5KB Spent the night just fooling around. Higher frequencies barely uttered a sound. Not enough radials laying on the ground makes for a score not too profound...W4EF Once 20 died, so did my score. Really hard to work anyone on 80 and 160 during this contest for some reason! This contest is a blast! N6TR contest software worked flawlessly as usual...KK7A Last minute decision to enter the test ... and unfortunately too late to get into a team. Won't make that mistake next time!...K5OT Had a rough time with this one. The "jerks" were out in full force on 80. I usually love that band but those guys really put a damper on it, even though I know I shouldn't let them bother me. Re-inforces my rea-

TOP TE	N LISTING	3							_	
CALL	SCORE	Q	М	10	15	20	40	80	160	TEAM
K4AB	248970	1158	215	14/7	127/30	327/42	216/44	324/53	150/39	Team Alabama #1
K6LL	244674	1242	197	9/2	409/43	426/52	271/50	116/42	11/8	SCCC #1
N4ZZ	195412	997	196	8/3	180/30	145/36	111/32	405/54	148/41	Tennessee Contest Group #1
KW8N	188513	853	221	11/6	109/27	174/39	108/49	247/53	204/47	
AA8U	184300	970 951	190 185	0/0 0/0	26/11 86/23	339/56 512/43	57/23 164/38	426/55 89/38	122/45 100/43	
N9ITX W6KY	175935 168165	909	185	0/0	257/38	256/44	172/47	197/43	27/13	SCCC #1
K7UP	167854	943	178	1/1	87/22	373/51	281/43	149/40	52/21	TDXS #1
KE3Q	165912	892	186	10/5	54/17	226/36	238/43	213/48	151/37	PVRC
K4VUD	159528	867	184	1/1	30/11	264/43	265/47	247/53	60/29	Florida Contest Group Team 1
Team S	cores									
Souther	n Californi	a Contes					Group #1			
	K6LL		2446		K4VL	_	59528			
	W6KY	. 4	1681 1153		N4BF WC4I		44000 19479			
	WA7BNI W6EEN				KN4T		98049			
	N6HC	(1217 4474)	1039		TOTA		21056			
	TOTAL		7401							
Texas D	X Society	#1			Team	Alabama	#1			
	K7UP (V	V5FX)	1678	354	K4AE		48970			
	N5TU		1410		K4NC		29417			
	W5ASP K5DX		870 783		K4CL W4N		74632 16650			
	N5LZ		243		TOTA		69669			
	TOTAL		4986		1017	\L -	03003			
5 DVDC	VESO K	76\/ K//	14 KC	IVO NA	CW				458085	
6. Tenne	essee Con	test Grou	up #1 (	N4ZZ.Ł	(4RO.KQ	4HC.WO4	O.W9WI)		450975	
7. Team	Cramp (K	5NZ,K5E	SN,K8E	K,N8T	C,WA8OL	.D)			345952	
									297639	
9. Kentu	cky Conte	st Group	) "A" (K	T4ZX,	(U4A,N40	3N)	······································		204675	
10. Kentucky Contest Group "L" (K4WW,NK4P,N4OKX,K4AT)								••••••	168354	
11. The Patriots (WT1O,K1VUT,K1HT)										
13. Green Mountain Boys (KK1L, KE1DO, N1GPY, KB1BMO)										
14. SCCC #2 (WA0ETC)									120003	
15 LIMARC (N2GA,KS2G,N2JIX,K2DO)									86063	
17. SMC "Wisconsin Cheeseheads" (K9WIE,W9RM/M										
19. Mad Rover Radio Club (K8MR,AC8E,N8TR)										
									49285	
20. TDA:	: "Bohhv K	night Wa	, annahe	es" (N7	7IN.K9FY	 1			28912	
									27873	
22									17007	

Multi-Operator Stations													
CALL	SCORE		М	10	15	20	40	80	160	State	Operators		
KS9K	453348	1764	257	1/1	187/38	437/57	410/53	474/56	255/52	WI	WE9V,K9PG		
K5TR)	404435	1721	235	5/4	225/32	616/51	312/51	436/58	127/39	TX	+N5LT		
(@W5K	FT						~ 40 (50	000/54	100/11	A 1	NOUZO KODI		
W4WA	333450	1482	225	11/7	180/30	261/40	510/56	328/51	192/41	AL	+N9HZQ,K0DI		
NK7U	327140	1487	220	1/1	329/34	432/48	297/47	323/53	105/37	OR	+K7MK,K7ZO		
Callsign	Score	QSOs	Mults	State	Operators								
N5KC	153384	913	168	TX	W5MJ,WA5SAJ,K1OJ,KJ5X,W5SB,KC5TUP,KC5HOR								
KE4RHU	30528	318	96	NC	+AD4PU								
N5KB	29380	260	113	TX	+KC5KAK								
KB3A	18837	207	91	PA	+KE3XS,KE3XZ,N3WAH								
W1SMH	3800	100	38	MA	KA1IG,N1ET								
K2PUT	1100	50	22	NY	WA2AWG	,WA2GSF	l,AJ1J,KF	2TR,KB29	SFU,N2OH	H,KB2Z	AL,KB2ZAM,WA2WZW		

son for the love of CW - they're too lazy to bother us there...N3IXR Enjoyed working this contest as part of the LIMARC team. It was fun using my new call sign for the first time but I had to think about it! Almost said N2LSK a few times before catching myself. Since K2DO was using our station, I operated from the QTH of Frank Fallon N2FF (new ARRL Hudson Division Director) and enjoyed using his Quad for 15 and 20 meters. Thanks to Frank for this opportunity....N2GA (@N2FF) God I hate phone operating!! But a few Budweisers helped...KJ9C Sometimes it is just plan old fun...to get on and see how many O's you can make and before long you find yourself really into it... W8MJ My greatest enjoyment was working N1MR (KB1BMO, a YL teammate new contester) at the end of my 10 hours, passing her the frequency and listening to her work a steady stream of callers for 30 minutes. I could just see the smile on her face...way to go Linda! I love this contest!! The exchanges can be good for a few laughs along the way too...Joe MT, Cajun LA. DOC from KC7HAX (It made me think of the Chicago Hope where Cronk hacked off a leg with a chain saw...obscure but funny)...KK1L I'M THINKING OF PUTTING A BOUNTYONMURPHY'S HEAD!...WA3HAE Finally topped WA3HAE, but it was a little tainted; he blew the first IF in his TS850 two days before. Lets see..What can we ask Murphy to do for the next 'test????...WA3SES 15 refused to produce much variety... but it was better than in the past couple of years. 20 seemed fair but just didn't have the zest I would have liked. I do really hate 40... And I'm postitively ashamed of even setting the band switch to 75. But then who said it all had to be fun?...W5ASP Having an antenna on 160 for the first time was fun. Last time I use "Pete" however. Next time I'll use Scrogwozzler", or "Gunzump-wump", or some other name that will be trivial to get across in the QRM compared to "Pete"!...KS4XG This is the first phone contest with the K1KP voice keyer that uses the Radio Shack voice module. It worked great, without it I would have given up. Conditions seemed much poorer than than CW last weekend. I heard no activity on 10 meters and really missed out in not having an antenna for 160...WB0OLA My first full effort in a phone contest. I like CW contests better. Gonna have to get a W9XT card or DVP or something to at least call CQ. That might make a difference. Definitely had some real fun, at least until it was time to head to 40m broadcast and 75m phone. 15 meters was surprising, and it was nice to make 100+ Q's everywhere but 10m. Thanks for the QSO's!... K4RO My best Winter Phone NAQP but fell short of goal. High bands hurt me most but low bands not much better. Hoped for a 1-2 hour opening on 10 but did not find one. This was the first event that I didn't have as much FUN as I expected. :-( Regardless, it was more FUN than a hernia! :-)...WO4O The distraction of EMI complaints and the fact that it was only an SSB contest caused me to lose interest after only 6 hours...AEØM Spent a few minutes at a time during Saturday at HRO. What a circus!...N9GG It was great to see 15 meters so productive! It gave me a nice rate and made my very part-time effort fun...K1HT For those who wondered about the derivation of the name GAT, particularily Dale, KG5U, and including those who knowingly chuckled following the exchange, it was given to me shortly after I started work at Channel 50 in Detroit 30 years ago. I used my initials on discrepancy reports and tech reports, and it was Tom, W8KOX, reading these, who gave me the name. It stuck, at least for all the old timers in

Engineering. Not much of a score, less than half of my CW score, which was nothing to brag about either. TNX to all for the QSOs...K8GT My first ever NAQP single op effort (normally part N0NI (ex NC0P) crew. Though not a top 10 effort, this score breaks the lowa record for NAQP SSB. Fantastic conditions on 160 and 80 gave me my best hour... WAØETC Took my first break in the contest after only 35 minutes -had to go to the office. Originally planned to go before the start of the contest, but spent too much time trying to work VKØIR. Congrats to teammate K6LL for another impressive performance. It always seems like Dave must be operating in some other contest than the one I'm in!... WA7BNM As WE9V said - this is a great contest. I really enjoy doing the multiop category in this contest. In looking at the scores it seems that the boys at KS9K beat us on 160m - other than that the scores are pretty close. I think this contest will be really wild when 10m opens up and we get the big rates on 10/15/20 from the start...K5TR Most surprising QSO: WBØO. I asked Bill if he is snowed in, and he says "no, it is 30F here" which is probably 10-15F warmer than it is in NC. Amazing! Most enjoyable QSO: KE4RHU. Erin is a local budding contester. I believe she is 8 or 9 and General class. At her request, I move through the bands for her. She is silky smooth in her operating. By the way, she obviously has good genes. Her older sister is AD4PU who you know doubt have seen in several contest write-ups... K4MA Got started at 1830Z when the battery on the car went south and I was late arriving at K7UP's!! The shape of things to come!!...W5FX @ K7UP Boy did 10/15 not play like they did in the CW last weekend! Of course, unless you were K6LL!!! 400 + on 15 WOW!!...K5NZ In a word, COLD! Fired up from the truck parked on my parents road - yeah not EXACTLY mobile to the true definition, but close enough! Made first Q within minutes of 1800Z and spent the next 2.5 hours S&P'ing across 15 & 20. I can't run the engine while I operate because of some serious EMI from various electrical system in the Land Rover so it started to get too cold after about 3 hours to continue. Temperature at this point was -2F and falling. Q's equal 75!...W9RM/M Bands sounded lousy, and 40 went long earlier than for CW it seemed. Could have been my sub-par dipole farm, though! I "operated" about 2 serious hours in front of the rig and had it on for 3-4 more mostly monitoring while did other stuff, making a Q every 10 mins or so. Didn't hear a whisper on 10 meters. Hope the serious SSBers did well!...W4PA I was sorry to hear all the activity in the NAQP below 1850 kHZ. Perhaps many people are not aware of the band plan on 160, which is used most other nights. This calls for DX QSOs between 1840 and 1850. Domestic SSB is above 1850. The suggested frequency per the NAQP rules is 1865. Also, another thing is that operating on 1840 LSB occupies about 40 percent of the CW DX window from 1830 to 1840. If your VFO says 1840 on SSB. you are actually transmitting from about 1837 to 1840. The ON4UN low band book suggests 1842.5 should be the lowest SSB frequency used. I hope we can al work together to keep the frequencies coordinated on 160 and not need FCC regulations. This is the only band below 30 Mhz without CW segments. Just because there is a contest, it doesn't mean we throw out the band plan...N6TR It was great to sit back and let the YLs (my wife KE3XS & her twin sister (KE3XZ) try their hand at contesting, felt like a coach behind a bench at a hockey game! With the name exchange as Chris, none of the ops knew the difference between an OM or YL...KB3A The goddess of 15m propaga-tion favored Yuma this weekend!...K6LL Though not

a top 10 score this breaks the old lowa record for NAQP SSB. Much to my surprise best hour was 0400-0500Z with most of that time spent on ... WA0ETC Had fun in this one after my disaster in RTTY Roundup. I squeezed every last minute out of the 10 hours and worked everyone I could hear. I believe that is the best score I can achieve from this station for me with one radio, now if I can only find a better operator...N9ITX/7 All S&P (in betweek working VKØIR on Heard I.) Thanks to K4NO for moving me to 10. I did the same thing to W4WA. Didn't know the band was even open!... AD1C Well, all I can say is bummer. I had a real bad NAQP this year. My antenna wouldn't tune due to ice, so I had to drop it, and heat it up with a hair dryer. My lowband antenna fell down, for no apparent reason. I only operated 2 hours and then gave up...WA1CFS I had a great time. I climbed the tower 1 hour before contest in 10 degree weather to put up a wire for 80 meters. During the second hour of the contest. I got a call that the VKO was on 20 phone. I moved up and got him on the second call BAREFOOT!...K8BK Forgot Rule #1 for contesting. Popped the xcvr fuse 45 minutes before the test started -- no spares. Thanks to the XYL for a run to Radio Shack...KA9EKJ NAQP is one of my favorite tests ... most everyone is very friendly and really like the name exchange. Sure beats 59(9) and a QTH...KR4YL Took me a long time to find a spot on 80 to call CQ. Finally ended up around 3895 and had a blast. I know I will never rate with the big guns in these contests, but I participate and submit my scores to let others know a lot of fun can be had with a very simple set-up. And, is it my imagination, or are the ops in NAQPs a lot more courteous?...KK5GT Going to sound like a broken record, but "what a fun contest". Too bad for K9PG, I had (slightly) more QSO's than he did (again). Also, my best 60 minutes was a 133 (on 80M) and Paul's best was a 120 on 160M...WE9V @ KS9K Why did I take a break in the middle of a 15 meter opening to run to Federal Express. I need to get my priorities straight. Contesting or work?... W6KY One of my better, if not my best, results. Figuring out how to load the 80M dipole on 160 has helped. It's not much of a signal, but it helps. Thanks to everyone that "dug" me out down there. WA3SES Lowlight: TH6 getting hung up in a maple tree and not turning past 240 deg. Tempted to climb the tree with bow saw in hand but wind chill put temp well below zero. Highlight: Switching to 30 meters @ 0150z and working the VK0 Had a great time!...K1ZO What a great contest! We are still re-assembling the NK7U station at the new QTH. Check out our progress at: http://netnow.micron.net/~jcullum/html/nk7u.htm...NK7U Very enjoyable contest. Had a number of contacts that could really have been considered QSO's especially on 75. Excellent way to compare station performance with everyone running low power. Thanks to K1VUT for putting together a local team...WT1O How things change in a week! Murphy followed me around for a solid 12 hrs!...WA8YRS I thought conditions were quite poor. Low bands very long, and nothing exciting about the high bands...K8MR All of the bands seemed to be very long from here -even 80 and 160. Heard only ONE New York and NO New Jersey!!...K1SD Thanks to Don for letting me drive 'EEN solo. My first attempt from So. Cal and I clearly bolluxed the propagation patterns. Down on 15M Q's/Mults and I left 40M too early and it seemed longish by the time I returned. Great fun regardless of those errors. Kudos to NK7U and K5TR for trying on 160 (antenna down for construction project)...KI7WX @ W6EEN.

Section   Sect	Scores								<u> </u>			<del>-</del>
Windle		'QSO's	Mult's	Score	State	e Team	Callsign	'QSO's	Mult's	Score	St	ate Team
Exercise						The Debists						
KISHUM	K1VUT	484	137	66308	MA	The Patriots	KC5WJM	67	38	2546	TX	
Test						Green Mountain Boys	WB4UIC		10	110		
Mail	K1NO		120		СТ							SCCC #1
Nichor   15	KE1DO					Groop Mountain Boys	WA7BNM	695	166	115370	CA	SCCC #1
Exist   177	N1GPY	213	107	22791	VT		W6EEN					CCCC #1
Min					MA	The Patriots	W6TKF	679	157	106603	CA	
March   Marc		146	79	11534	СТ							SCCC #1
NOBER   106   33   50119   CA	(KB1BMO)					Green Mountain Boys	WB6NFO	339	95	32205	CA	
Fig. 16		80	49	3920	٧ '		KO6XB	106	53	5618	CA	
Nazik   186		400					K6ZCL	81	45	3645	CA	
NEMICO												
KeSO	N2NL	91	68	6188	NJ							AZ
KESSO						LIMARC						SCCC #1
	KE3Q	892	186	165912	MD	PVRC				104328		
NSOKR   434   152   65964   May	K3CR		184	149776	PA	Weekend Warriors Team #1						
WASHING   197   58290   PA   Weekend Warriors #1   WT-10   198   67   683   UT   WT-10   198   WT-10   WT-10   198   WT-10	N5OKR (	434	152	65968	MD		KI7Y	220	99	21780		
KASPADU   116	WA3HAE	445	122	54290	PA	Weekend Warriors #1	KN7T	125	60	7500	WA	
NASHM  64							KJ7TO	89	54	4806	UT	
AA30						NERDS						
KARA   1859   218   24897   24897   44897   4489   448944   44894   448944   448944   448944   448944   44894   448944   448944   448944   448944	AA3V	75	33	2475	PA							
NAZZ   997   196   195412   17												
KAYUD   867   184   159528   FL   Florids Contest Group Team   K88K   500   134   57000   134   14100   FL   Florids Contest Group   1   14100   141   14100   FL   Florids Contest Group   1   14100   141   14100												
K4NO 723 179 129417 AL Team Alabama #1 OPP K68CW 371 169 44149 MI VARIANCE CONTROL TO THE CONTRO	K4VUD	867										Team Cramp
WGAL   Fig.   File	K4NO	723	179	129417	ΑL	Team Alabama #1 QRP	KG8CW	371	119	44149	ΜI	
KTAZX   661   771   113031   Y	WC4E	733	163	119479	FL	Florida Contest Group #1	NU8Z	341	113	38533	MI	
WARYAN   670   160   107200   NC   K4PO   670   10400   TN   Tennessee Context Group #1   K6MR   195   22213   OH   Mad Rover Radio Club   K4PO   K4PO   50   165   59750   K7   K6PO   K4PO												
KAMW   So	WA4ZXA	670		107200		•						Mad Royer Badio Club
KUALA   S52	KN4T	667	147	98049	FL	Florida Contest Group	AC8E	185	89	16465	ОН	
K4QEU	KU4A	552	158	87216	KY	Kentucky Contest Group "A"	WA8RD	129	74	9546	MI	
KOEJ		557	143	79651	GA	Tennessee Contest Team 1						Mad Rover Radio Club
WORLD   WORL												Team Cramp
KF4ZR         394         115         45310         TM         WBBEMW         WBREM         350         150         52500         IN         SMC "Indiana Hoosiers" WBOULA 324         122         39528         IN         SMC "Indiana Hoosiers" WBOULA 324         122         39528         IN         SMC "Indiana Hoosiers" WBOULA 324         123         39681         IN         SMC "Indiana Hoosiers" WBOULA 324         123         36681         IL         SMC "Indiana Hoosiers" WBOULA 324         123         36681         IL         SMC "Indiana Hoosiers" WBOULA 324         123         36681         IL         SMC "Indiana Hoosiers" WBOULA 324         123         36684         IL         SMC "Indiana Hoosiers" WBOULA 324         123         312         36684         IL         SMC "Indiana Hoosiers" WBOULA 324         123         36684         IL         SMC "Indiana Hoosiers" WBOULA 324         124         312         36684         IL         SMC "Indiana Hoosiers" WBOULA 324         124         312         368         3600         IL         MACH         MACH         MACH         MACH         MA	WO40	444	148	65712	TN							ream oramp
K4AMC   S27   122   38894   TN	KF4ZR	394	115	45310	TN							SMC "Indiana Hoosiers"
KD3GC   342   99   33858   6A   WALC   327   103   33681   KY   WALC   260   125   31250   IN   SMC "Indiana Hoosiers"   WALC   260   115   29900   N   KY   KS4KG   260   115   29900   N   KY   KS4KG   261   110   28100   KY   KS4KG   261   100   28100   KY   KS4KG   261   100   28100   KY   KS4KG   261   100   28100   KY   KAGK   281   100   28100   KY   KAGK   117   85   15045   AL   Tama Alabama #1   KSEY   117   69   8073   IN   KAGK   Tama Alabama #1   KSEY   117   69   8073   IN   KAGK   Tama Alabama #1   KSEY   117   69   8073   IN   KAGK   Tama Alabama #1   KSEY   117   39   4563   IN   KAGK   Tama Alabama #1   KSEY   117   39   4563   IN   KAGK   Tama Alabama #1   KSEY   117   39   4563   IN   KAGK   Tama Alabama #1   KSEY   117   39   4563   IN   KAGK   Tama Alabama #1   Tama						Tennessee Contest Group #2		324	122	39528	IN	
WALC   327   103   33681   KY   KS4XG   260   115   2990   NC   KS4XG   260   115   2990   NC   KS4XG   260   115   2990   NC   KS4XG   261   115   2990   NC   KS4XG   261   115   2990   NC   KS4XG   261   100   28100   NC   WANTI   185   90   16650   NC   WANTI   185   90   16650   NC   WANTI   185   90   16650   GAK   K9FV   127   81   10207   LA   K9FV   177   81   10340   WI   K84AT   168   71   11928   KY   K84AT   168   K84AT						Kentucky Contest Group "L"						SMC: "Indiana Honeiere"
NACW   201   100   28100   NC   NC   WARM   140   81   11340   MI   10287   11   10287   12   12   12   12   12   12   12   1	W4LC	327	103	33681	KY		KC9RR	239	97	23183	IN	
WANTI	N4OKX	281	100	28100	KY		W9RM/M	140	81	11340	WI	SMC "Wisconsin Cheeseheads"
K1TO	W4NTI	185	90	16650	AL		K9EY	117	69	8073	IN	SMC "Bobby Knight Wannabees"
KE4OAR         170         85         14450         TN         Kentucky Contest Group Team "L"         KF9UP         117         39         4563         IN         KAGT         KAGT         11828         KY         Kentucky Contest Group Team "L"         N6UBO         65         22         1430         IN         KAGT         MAGN         85         1430         IN         Tennessee Contest Group #2         N0BIW         727         185         134495         KS         CCC #2           W9WI         100         58         5800         TN         To Tennessee Contest Group #1         KGRC         666         181         120003         IA         CCC #2           K40GG         66         48         3168         GA         AB42Z         61         42         2562         TN         Tennessee Contest Group #3         KORL         406         127         51562         MO           K54YX         60         31         1860         SC         AB49T         51         44409         NN         KS         SMC "Wisconsin Cheeseheads"           K7UP         51         26         1326         KY         Team Cramp         KSDL         139         41         5699         MO         CC         KS	K1TO	167	89	14863	FL	Florida Contest Group #2	K9OSH	100	65	6500		
NACM				14450		Kentucky Contest Group Team "I "	KF9UP	117	39	4563	IN	
W3WI	N4CM	151	75	11325	TN							
AC4HF 80 55 4400 TN Tennessee Contest Group #3 KORI 400 155 62000 CO K4OGG 66 48 3168 GA AE4ZZ 61 42 2562 TN Tennessee Contesters Group #3 WOCEM 384 131 50304 KS KS4YX 60 31 1860 SC K54YX 60 31 1860 SC K7 V	W9WI	100	58	5800	TN	Tennessee Contest Group #1	WADETC	663	181	120003	IΑ	SCCC #2
AE4ZZ 61 42 2562 TN Tennessee Contesters Group #3 WOCEM 384 131 50304 KS KS4YX 60 31 1860 SC KS4YX 60 KS4YX 60 KS4YX 60 KS4YX 60 KS4YX 60 KS5YX 60 KS5X 60 KS5YX 60 KS5YX 60 KS5YX 60 KS5YX 60 KS5YX 60 KS5X 60	AC4HF	80				Tennessee Contest Group #3	KORI	400	155	62000	CO	
RS4YX   60   31   1860   SC   K9   K9   K9   K9   K9   K9   K9   K						Tennessee Contesters Group #3	W0CEM	384	131	50304	KS	
NAVI   300   95   28500   CO	KS4YX	60	31	1860	SC	remades semesters areap no						SMC "Wisconsin Cheeseheads"
(W5FX) 943 178 167854 NM Texas DX Society #1 K0JPL 139 41 5699 MO K5OT 805 185 148925 TX Feam Cramp K5NZ 759 196 148764 TX Team Cramp NSTU 797 177 141069 TX TDXS #1 VE7CFD 549 102 5598 BC AB5SE 675 104625 AR VE7NF 324 111 35964 BC K5BN VE5SF 325 93 30225 SK (WA5POK) 650 150 97500 TX Team Cramp VE3WIB 302 96 28992 ON W5ASP 580 150 87000 TX TXDS #1 VE6DBH 243 79 19197 AB K5DX 552 142 78384 TX TXDS #1 VA3SWG 227 73 16571 ON K5GSU 362 73 26426 TX TDXS #1 VA3SWG 227 73 16571 ON N5LZ 239 102 24378 TX TDXS #1 VE3KP 136 77 10472 ON N5LZ 239 102 24378 TX TDXS #1 VE3KP 136 77 10472 ON N5LZ 239 102 24378 TX TDXS #1 VE3KP 136 77 10472 ON N5LX 158 86 13588 MS VE6DGG 79 49 3871 AB		31	20	1320	K I		N4VI	300	95	28500	CO	
K5NZ   759	(W5FX)					Texas DX Society #1	K0JPL	139	41	5699	MO	
ABSSE 675 155 104625 AR VE6IM(VE6LDX)390 105 40950 AB VE7NF 324 111 35964 BC VE7NF 325 93 30225 SK VE5SF 325 93 30225 SK VESSF 325 93 30225 SK VE5SF 325 93 30225 SK VESSF 325 93 3025 SK VESSF 325 93 30225 SK VESSF 325 93 30225 SK VESSF 325 93 3025 SK VESSF 325 93 30225 SK VESSF 325 93 30225 SK VESSF 325 93 3025 SK VESSF 325 93 3025 SK VESSF 325 93 3025 SK VESSF 325 93 302	K5NZ	759	196	148764	TX							
AE5T 702 145 101790 LA VE/NF 324 111 35964 BC K5BN (WASPOK) 650 150 97500 TX Team Cramp VE3WIB 302 96 28992 ON W5ASP 580 150 87000 TX TXDS #1 VE6DBH 243 79 19197 AB K5DX 552 142 78384 TX TXDS #1 VA3SWG 227 73 16571 ON KG5U 362 73 26426 TX TXDS #1 VA3SWG 227 73 16571 ON N5LZ 239 102 24378 TX TDXS #2 VE3STT 165 78 12870 ON N5LZ 239 102 24378 TX TDXS #1 VE3KP 136 77 10472 ON N5LZ N5AV (KN5H) 227 98 22246 NM TDXS #2 VE3KP 136 77 10472 ON WGSL 158 86 13588 MS VE6DGG 79 49 3871 AB	AB5SE	675	155	104625	AR	TDXS #1	VE6IM(VE6LD	OX)390	105	40950	AB	
(WASPOK)         650         150         97500         TX         Team Cramp         VE3WIB         302         96         28992         ON           W5ASP         580         150         87000         TX         TXDS #1         VE6DBH         243         79         19197         AB           K5DX         552         142         78384         TX         TXDS #1         VA3SWG         227         73         16571         ON           KG5U         362         73         26426         TX         TDXS #2         VE3KF         136         77         10472         ON           N5LZ         239         102         24378         TX         TDXS #1         VE3KF         136         77         10472         ON           N5AV         VE3KJ         132         72         9504         ON           (KN5H)         227         98         22246         NM         TDXS #2         VE6JY         107         68         7276         AB           WQ5L         158         86         13588         MS         VE2AWR         132         39         5148         QC           KB5IXI         130         74         9820 <td< td=""><td></td><td>702</td><td>145</td><td>101790</td><td>LA</td><td></td><td>VE5SF</td><td>325</td><td>93</td><td>30225</td><td>SK</td><td></td></td<>		702	145	101790	LA		VE5SF	325	93	30225	SK	
K5DX 552 142 78384 TX TXDS #1 VA3SWG 227 73 16571 ON K5DX 362 73 26426 TX TDXS #2 VE3STT 165 78 12870 ON NSLZ 239 102 24378 TX TDXS #2 VE3KP 136 77 10472 ON NSAV (KN5H) 227 98 22246 NM TDXS #2 VE6JY 107 68 7276 AB WQ5L 158 86 13588 MS VE2AWR 132 39 5148 QC KB5IXI 130 74 9820 MS VE6DGG 79 49 3871 AB	(WA5POK)						VE6DBH	243	96 79			
N5LZ 239 102 24378 TX TDXS #1 VE3KP 136 77 10472 ON VE3EJ 132 72 9504 ON (KN5H) 227 98 22246 NM TDXS #2 VE6JY 107 68 7276 AB WQSL 158 86 13588 MS VE2AWR 132 39 5148 QC KB5IXI 130 74 9620 MS VE6DGG 79 49 3871 AB	K5DX	552	142	78384	TX	TXDS #1	VA3SWG	227	73	16571	ON	
N5AV	N5LZ						VE3KP	136	77	10472	ON	
WQ5L     158     86     13588     MS     VE2AWR     132     39     5148     QC       KB5IXI     130     74     9620     MS     VE6DGG     79     49     3871     AB		227	98				VE6JY	107	68	7276	AB	
WELO 440 PT 2000 TV	WQ5L	158	86	13588	MS				39	5148	QC	
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