

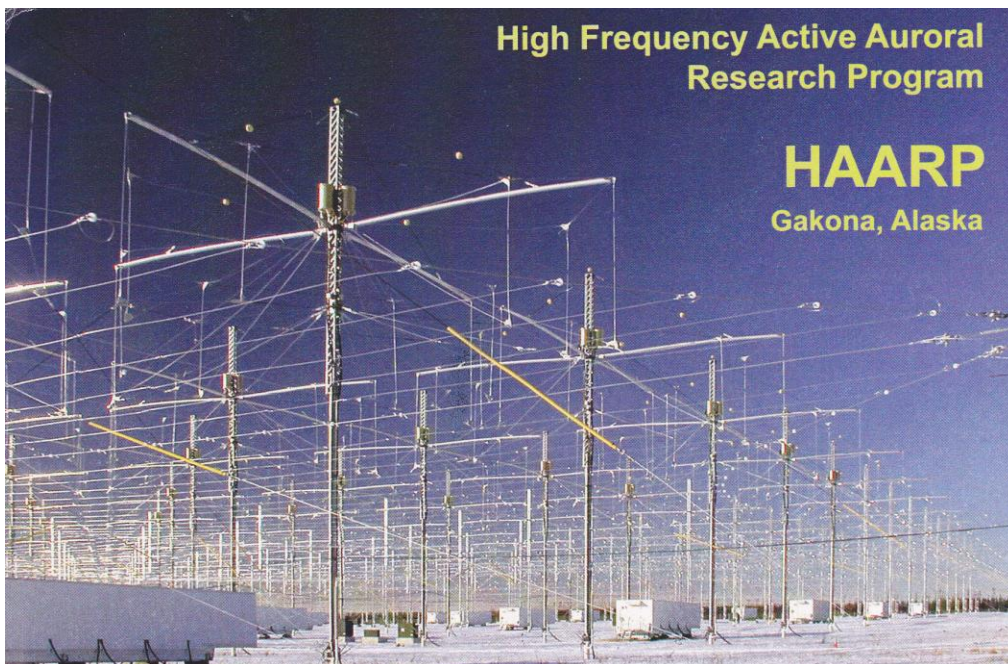


WESTERN WASHINGTON DX CLUB, INC.

Totem Tabloid

January 2017

NEXT MEETING IS JANUARY 10



Ever heard of HAARP? Here's your chance. Scott, N7SS, will take us on a site tour of the High Frequency Active Auroral Research Program. How about 180 HF antennas and transmitters located on 36 acres? The site draws its share of would-be KL7s, including two guys who were arrested late last year planning an attack because "God told them to go and blow this machine up that kept souls, so souls could be released."

Rob's 125th Street Grill, 125th and Aurora Avenue North Dinner at 6:30 p.m., program at 7:30 p.m. Dinner is \$ 20 including tax and tip.

Please RSVP your dinner plans to Adam, K7EDX at k7edx@arrl.net

The President Speaks

Adam Blackmer, K7EDX

Happy New Year everyone!

I trust that you all had a great Christmas and Holiday season. We had a nice time at the Club Christmas party. There was good food, good raffle prizes and great friends.

We have some very deserving 2016 club award winners:

Our 2016 Rookie of the year goes to Justin McAllister, K5EM. As a recent transplant to the Northwest, not only has Justin been attending meetings but he has already jumped in on some of the multi-op contest teams.

Our 2016 Member of the Year award goes to Andy Anderson, K7GEX. Andy has been a member of the club for a long time and has represented us well. He has not only been active at the WRTC events but his generosity has helped many of his native Latvian hams. His generosity came out yet again when he helped offset the price of this summer's picnic. Thank you Andy!

Our 2016 Most Valuable Player of the Year award goes to Tom Owens, K7RI. Tom has also been a club member for a long time. Over the years he has served as President and filled other club roles. It hasn't gone unnoticed that Tom has opened up his fine station for hosting single and multi-op contests. It's mentoring and camaraderie like this that makes a club like ours great. Thank you for your generosity Tom!

The biggest award we present is the Johnny Dack W7KH Lifetime Achievement Award. This award is not given every year but is earned over a long period of time by a member who has given so much of themselves to the club. It's my honor to announce that Rod Linkous, W7OM is the recipient of our top award. Rod's years of serving as club President and other positions, as well as hosting many club lunches for so long, make him well deserving of this award. Thanks for all you do for our club Rod!

Being part of the group that chooses and presents these club awards is very humbling. So many of you have worked tirelessly to help make this club what it is. Thank you!

The board of directors and officers will remain the same for 2017. I really appreciate all the time and hard work these guys put in. Bill Trippett, W7VP will

continue as our Vice President, Brian Wingert, N7RVD as our Treasurer and Dennis Kourkoumelis, K7DSE as our Secretary. Our board members are Walt Miller, K7ZQ, Frank Remington, K7GSE, Kirk Bellar, N7UK, Rich Stempien, W6RS, Larry Hanson, K7EKD and Dick Swanson, K7BTW.

I hope you all have a fantastic new year. 73 and good DX!

Random Comments From the Editor

I'm a life member of ARRL. I don't like what the League does some times but it is our national organization and I hate to think what ham radio would look like without the League's efforts over the years. It has just announced something that I don't like much—it has to do with the cost of using the Outgoing QSL Bureau.

Like many of you, I'm at the point where I really don't like getting cards from the bureau. I'm active in DX contests and that means a bunch of JA cards, many from stations I have worked literally hundreds of times. But I remember when I was a kid and getting a paper QSL card from anyone was a real thrill. So I respond to bureau cards—maybe not as promptly as I should but I get to them eventually. The League made it very easy to deal with bureau cards when it established the Outgoing Bureau in 1976—the cost was minimal. But the recent announcement perhaps makes that no longer true.

Effective last November, it now costs \$ 1.15 per ounce to have cards sent via the Outgoing Bureau—and there's now a \$ 7.00 “service fee” regardless of the number of cards. The explanation is “increased administration costs”—but the new “service fee” is said to “cover administrative costs.” I must be missing something: the per-ounce charge is what the post office charges for international mail and the fee covers administrative costs. So how can this still be called a “membership benefit”? It now looks like something you pay for—and sending 150 cards to Newington will now set you back at least \$ 30.

The buzz on the reflectors attributes the change to a desire by the League to increase the use of LOTW. Other more sinister types suggest that the new CEO is trying to create new profit centers at the League. Whatever the motivation, it's not good news for the continuation of the tradition of exchanging QSL cards. Many

DXpeditions that ask NCDXF for a grant are now pushing back against the requirement that supported DXpeditions must agree to respond to bureau cards—it's just an expense with no offsetting revenue. And I see more and more DX stations announcing that they will no longer respond to bureau cards. I for one would hate to see paper QSL cards disappear from ham radio but that seems to be the trend.

ClubLog has announced its latest Most Wanted list. On a worldwide basis, and from the U.S. West Coast, the first 20 look like this:

	Worldwide	U.S. West Coast
1.	P5 DPRK (NORTH KOREA)	SV/A
2.	3Y/B BOUVET ISLAND	FT5/W
3.	FT5/W CROZET ISLAND	P5
4.	KH1 BAKER HOWLAND ISLANDS	3Y/B
5.	BS7H SCARBOROUGH REEF	FT/G
6.	CEØX SAN FELIX ISLANDS	YK
7.	BV9P PRATAS ISLAND	EZ
8.	KH3 JOHNSTON ISLAND	ZS8
9.	VKØM MACQUARIE ISLAND	FT5/X
10.	KH7K KURE ISLAND	BV9P
11.	FT5/X KERGUELEN ISLAND	T5
12.	FT/G GLORIOSO ISLAND	BS7H
13.	3Y/P PETER 1 ISLAND	5A
14.	SV/A MOUNT ATHOS	CEØX
15.	YVØ AVES ISLAND	PYØT
16.	ZS8 PRINCE EDWARD & MARION ISLS.)	E4
17.	T31 CENTRAL KIRIBATI	VKØM
18.	VP8S SOUTH SANDWICH ISLANDS	3A
19.	EZ TURKMENISTAN	EP
20.	KH4 MIDWAY ISLAND	KH1

Be sure to mark your calendars for August 21. On that day will be the first total solar eclipse since 1979—but you'll have to head south to the Salem area to see the total eclipse. From what I see online, the area hotels are going fast. For more information, see, e.g., <https://www.greatamericaneclipse.com/oregon/>

January Membership Update

Jim Hadlock, K7WA

Membership Renewal Letters will be going out in January to members with a December Renewal Date. Letters will also go out to members who have not renewed their membership in the past year. Your annual dues (\$25.00) support the ongoing activities of the WWDXC including: DXpedition Contributions, Washington Salmon Run, Annual Picnic and Christmas Party, Member Awards, and other expenses of the Club. Thank you for supporting the Western Washington DX Club!

An updated Roster of Active Members will be available in January - contact K7WA (k7wa (at) arrl.net) for a PDF copy. We do not publish a Roster on the website to protect members' personal information.

73 and have a Hammy New Year!

January Contest Activity Report

Mike "Dink" Dinkelman, N7WA

Whew! Finally! The holiday season is over and the New Year begins. I swear the last three months of every year have become an ever-increasing load of activity over the past decade. That includes radio and non-radio activity. Maybe I need a reset button.

I hope your year-end was pleasant. With 2017 we will have a number of challenges, and propagation may be *very* challenging. I am pushing reset on my 2016 radio resolution. Last year, I challenged myself to do some RTTY contesting. I almost made it. I even started an FSK interface, though it remains on the bench top, partially completed. I am sure 2017 will be the year. Maybe RTTY Roundup (though that is only a week away). Oh heck, I have all year.... However, if YOU are a RTTY contester, remember it is one of the 10 NW Trophy competitions and your score goes towards our fight against the meanie-weenies to the north, south and east.

Going back to last year, here are some highlights for WWDXC members:

CQWW CW

Call	QSOs	Zones	Countries	Op Time	Score
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M/S HP

K7RI	629	82	164	48	393,108
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SOAB HP

K7BTW	673	86	189	23:53	491,425
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SOAB LP

N7ZG	651	91	200	37	530,784
K7HBN	275	62	113		129,850
W7QN	195				(none provided)

SOAB(A) HP

W7VXS	204	41	89	9	68,380
K7EG	140	45	105		55,950

SOAB(A) LP

W7OM	425	83	156		272,699
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SOSB(A)/15 HP

W6SZN	216	26	64		52,380
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SOSB(A)/160 HP

K7CW	55	10	11		1,680
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SOSB(A)/160 QRP (true masochists)

K7SS	29	4	4	4	256
NN7SS (K6UFO)	5	2	3	3	30

SOSB/15 LP

KD7H	66	16	33		8,673
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SOSB/20 HP

N5CR	739	33	99	28	251,000
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SOSB/40 HP

W7WA	1097	36	102		428,352
N7WA	652	28	80	30	190,512

CQWW CW Soapbox

K7EG: IC-7851 and Alpha 9500. SteppIR DB-18E

NN7SS (K6UFO): Very part time operation. Friday night I worked a few Zone 3. Before sunrise I could copy a few Alaska, Hawaii and Japan but not get their attention while QRP. Second night I heard plenty of stations I couldn't work. Finally got an Alaska. Second sunrise had few stations, none who could hear me.

KD7H: I enjoyed the challenge, but this was perhaps one of the most difficult contests, while running low power into a non-gain antenna. I wish more ops entered as "non-assisted" and ignored the Cluster. With low power into a vertical, and marginal conditions, it was absolutely necessary for me to move quickly and get to the DX just as they started up, before the high-power cluster trolls hit the frequency. It was great to run into some of the Japanese and other contest regulars. Cheers!

K7CW: Conditions not good here in the PNW. HK1NA was the exception, as I worked them early on first call. Couldn't reach a lot of the Caribbean stations, including J7ØBH who gets credit for staying with it for a long time without

working anybody. I worked only the first night. The second night conditions seemed worse, so I did other things. Would like to have worked the ZL7, but couldn't hear him well enough to call. Hope conditions are better for next contest. 500W to inverted-L with 5 radials (I know, I can do better).

K7SS: Well, that was interesting and one might add, challenging !! DX: KL7, KH6, VE, USA.... a total of 4 countries. Zones 1, 3, 4 and 31. Some DX heard, but not workable with 5 watts.... so it was "snag a VE then tune, then snag another VE, and tune more...". Best DX signals worked: KH6J and VY1AAA Best DX signals heard but not worked: JA3YBK XE2B HK1NA and PJ2T (nary a "?" from any of them) Was fun to find NN7SS also doing QRP/assisted 160 single band as well. Good to know I'm not the only one doing this out there.... Worked a few hundred Qs w/ LP on the other bands when not on 160 chasing windmills. Will send that log in as a check log. 73 and thanks for the fun ! Danny K7SS Icom 756ProII turned down to 5w. Inverted L up 100' in the fir tree.

N7WA: The propagation forecast left me worried about this test but you play the cards you're dealt. I knew it would be a 20M or 40M single band effort. (I could sleep days or nights but I do need sleep - none of this 48 hour madness at this point of my life.) In the end, since my attempt last year was aborted by a failed 40M beam, I decided to check out its replacement.

The first night (Friday), it was evident that Europe was not going to be big factor in this test. Only Tier 1 stations were evident and they weren't very strong. Fortunately, South America and the Caribbean were fairly decent and I gathered up quite a few multipliers. There was no running though, it was all Search and Pounce. The big question, as I watched the grey line advance towards Asia, was would there be any action from the west? I avoided a real desire to go take a nap and I finally found my first JA calling CQ. At this point, I pointed the beam at 300 degrees and started calling myself. I was rewarded with a slow but steady stream of responders from Japan and across the Pacific. It was a pleasure going from 15-20 Qs an hour over the first 8 hours to over 50. Maybe there was hope for this test yet?

As morning neared, I wondered if the Long Path to Europe and Africa would provide any action. At 1400, I pointed the beam way south to LP Europe. There were stations heard and I even worked a few. But like the night before, it was all Tier 1 action and they were a challenge to work. Nothing heard from Africa or the Middle East. I went to bed. I started listening at 2200 on Saturday. Most of the SA

and Carib stations calling were repeats. My hopes laid with Europe but it didn't seem any better. In fact, as the sun set between 0000 and 0100, the 40M band got quieter. Usually, on my spectrum display, I can see a noise floor running at a fairly specific level. The noise floor actually dropped about 10dB as I watched.

Unfortunately, this didn't bring stations out of the noise, they just disappeared and I heard nothing from Europe and the band seemed pretty empty. I was stuck chasing VEs and the occasional South American. This time, I did not resist the urge to take a nap with a contact rate of about 5 an hour. I set the alarm and went to sleep hoping for a repeat of the prior night's action into Asia and the Pacific. Saturday DID repeat the participation by JAs but the rest of the Pacific seemed lighter. The noise seemed higher by this time and there was a lot of call digging required. I used the K3 noise reduction liberally. Still, it was good to have something to do. Long path in the morning wasn't any better though I did find A45XR calling a lonely CQ. It would have been a double mult if he had heard me. I tried a long time to get his attention and he wasn't working many others but it wasn't to be. That wasn't the only double mult I had to leave on the table during that long path session. There was a LZ calling from Zone 20 as well but he didn't hear me either. I don't know if it's worse to hear and not be heard versus not hearing at all. The bed beckons me again.

With two hours left in the test, I gave Europe my last shot. I worked a few more mults with difficulty. It burns me to know all the normally easy "country" mults that laid unclaimed. Most of my European DX mults seemed to be zone 15. Zone 14 and 16 are not well represented in my log and neither was northern Europe. I heard very few DL's and the usual big guns were deep in the noise. I await to hear Dan/W7WA's report. I expect he may also have been 40M SB. He usually spansks me good (*and he did*) but he also gives me something to work towards. It was fun... I think... let me sleep on it... cheers dink, n7wa

W7WA: S & P conditions to Europe, though better than the SSB weekend. The last European worked Friday evening was at 0215Z, on Saturday evening at 0100Z. Best time to work Europeans was from 14Z to 18Z, a mix of SP and LP. Tough to get the EU attention then as they are working each other and Japan. Thank goodness the path to Japan was unaffected. 73 Dan

K7RI: Rigs: FTdx5000 (NO MULT RADIO) Towers: One Antennas: Two KT36XAs for 10/15/20 (82' and 41'); one 4 element mono-bander for 40 @ 41'; 2 quarter wave 80 meter slopers counter-poised against the tower @40' (for South

America & Japan); loading the tower for 160 meters. Remarks: Thanks to Walt, Chuck, Dennis and Brian for sticking with it through truly terrible conditions --- had almost 18 hours with no QSOs even though the station was manned the full 48 hour period. And thanks to everyone who worked or tried to work us.

N7ZG: The A index was elevated on day 1. Flux about 82 over the contest period. Most memorable contact: 8Q7DV on 40M, 20 minutes before contest end. Worked a few EU mults just prior to sunset on Sunday. Was expecting an opening the previous evening that never materialized. Good thing a hunch paid off. No JA on 10 or 15. Decent JA runs on 20, 40 and even 80. Thanks JA! Eastern EU (most of zone 15) not even heard on 20M in the mornings. New 80M K3LR seems to work OK. Need to fix the 160 GP.

W7QNL: Sure like the SteppIR vertical ant. Worked a lot of DX and a couple of EU on 40.

N5CR: What a difference a year makes! EU QSO's (zones 14-16) were down 86% from last year, 82 vs 605. JA QSOs were up 115%, 363 vs 169 ... lots of JA refugees from 10M & 15M dead bands. Missed zones 17, 21-23, 29, 34 & 39. I did manage to work someone in zone 39, but the pileup drove him QRT before I could get his call sign. Think positive ... next year K=0 for the entire weekend!

ARRL 10 Meters Test

Call	QSOs	Mults	Op Time	Score
SO CW HP				
WC7Q	277	38	9.5	50,076
N7QT	174	33	4	29,928
SO CW LP				
KD7H	142	29	7.0	16,472
WA7PRC	109	26		11,336
W7QN	92	21		7,728

W7VXS	71	26	2:30	7,384
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SO Mixed Unlimited LP

K7SS	228	66	8	51,876
KK7PW	58	11		2,244

SO SSB Unlimited LP

KB7HDX	68	15		1,020
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ARRL 10 Meters Soapbox

KD7H: After this contest, I believe I will qualify for the “Dentistry Endorsement” for either W.A.S. or DXCC since, while running about 50 watts into a vertical, making many of the contacts was “like pulling teeth.” I must add that if “patience is a virtue” for never giving up while attempting to stir up a QSO, I consider the following ops to be quite virtuous: K7BX, KK7PW, N7LOX, N7NM, W7PU and W7QN. Thanks guys for your persistence and activity! Ah, sunspots, where art thou? Happy Holidays and Cheers, Rob, KD7H.

KB7HDX: Rotor broke and I could not hear hardly anything. Poor conditions. Went sledding on Sunday.

WC7Q: Conditions during the day prior to the test were pretty good but Saturday morning conditions went downhill. During the day it was mainly the SE, Caribbean and South America. VE and the Northeast were almost non-existent. Frankly it was tough all over from the NW. Worked hard to get the few contacts but, as always, enjoyed the competition. Sam WC7Q

WA7PRC: I worked many LOUD stations. Wotta lotta fun!

ARRL 160 Meters Test

Call	QSOs	Sections	Countries	Op Time	Score
Single Op HP					
N5CR	500	79	5	16	92,064
K7CW	425	76	8	20	75,432
W6SZN	307	73	13		50,800
N7QT	288	71	8	6	42,174

Single Op QRP

KX7L	74	21	0	3.5	3,108
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SO Unlimited HP

KK7PW	105	31	1		6,665
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SO Unlimited LP

K7SS	265	68	5		40,223
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ARRL 160 Meters Soapbox

W6SZN: First time in this contest--what a real hoot! The band was crowded from the bottom up to 1870. My second season on Topband and it continues to amaze. Thanks to all for the QSOs.

K7CW: Not bad conditions, especially the second night. Had to use full selectivity to reduce chop from adjacent frequencies and to dig out many stations. My BOG was useful in cutting noise. Wish I could put up a nice receive array, though. Loved working OA4TT for a new one. Watched the Washington-Colorado game and took my time getting down to the shack as I figured the band would be sour. Big mistake. Old age usually makes a person wiser. :-) 500 watts and inverted-L with five radials. 73, Paul K7CW.

KX7L: A bad relay in my amp meant I would be barefoot with my KX3 for this contest. So go "Low Power" at 15W? or QRP at 5W? I opted for the QRP. Had a hard time being heard further south than central CA, but did a little better to the east. Still managed to beat my score from the last time I did this QRP, albeit barely. Thanks for the good ears!

January 2017 Contest Calendar

In case anyone reading this is not aware of it, Bruce Horn, WA7BNM, has a website that is truly a one-stop place for all things related to contesting. The link is <http://www.hornucopia.com/contestcal/> or just Google "WA7BNM" and the first hit is Bruce's site. With just a few clicks, you'll find everything you need to know about every contest, large or small. I find it very useful when I hear a station that I want to work that is obviously exchanging contest reports and I don't know the exchange.

DX Alert Nodes

Bob Nielsen, N7XY (n7xy@n7xy.net)

Current DX Node telnet addresses:

W7PKT- w7pkt.net, PORT 7300

VE7CC-1 145.71 MHz or telnet to dxc.ve7cc.net, port 23

WWDXC DXCC Ladder

Jim Rockey, WA7SRZ

This is the January issue so the WWDXC DXCC Ladder appears below. The Ladder is also maintained on the website. You can find it by clicking on "DXCC Ladder" on the homepage or by going to <http://www.wwdxc.org/dxcc-ladder-2/> and clicking on "click for dxc ladder" The Ladder is published in the Totem Tabloid once a year in the January issue. Please send your updates to me at wa7srz@frontier.com.

<u>CALL</u>	<u>MIXED</u>	<u>MIXED</u>	<u>PH</u>	<u>CW</u>	<u>DIG</u>	<u>CHAL</u>	<u>160</u>	<u>80</u>	<u>40</u>	<u>30</u>	<u>20</u>	<u>17</u>	<u>15</u>	<u>12</u>	<u>10</u>	<u>5</u> <u>BAND</u>
<u>HONOR</u>	<u>TOTAL</u>	<u>CURRENT</u>														<u>DXCC</u>
<u>ROLL</u>																
<u>330</u>																
<u>1/1/2017</u>																
N7TT	379	337	357	340	9	2114	90	197	281	157	365	229	333	167	295	8
W7OM	372	339	369	349	321	2694	138	313	349	307	355	335	347	304	343	9
W7LFA	369	339	369													
K9JF	368	339				2327	184	236	296	215	343	284	313	223	255	9
K7ZA	361	339		351		2516	114	210	301	326	356	336	339	302	304	9
K7GEX	359	339	359	314		2349	59	182	296	267	354	310	330	249	301	8
K7RI	358	339	349													
K7EG	356	339	355	351	285	2353	74	259	298	263	352	307	325	259	276	8
K7LAY	356	339	356	344		818	175	164	176	177	316	215	254	145	218	9
W7HR	356	339	346	298		1168	15	158	146	10	308	77	220	31	217	5
K7DS	351	336	350	100		906		112	131	22	291	38	163	30	142	5
W7IIT	351	337	187	344		513		5	117	3	151	2	88		147	
W6RS	351	339	337	329	200	2041	1	116	264	265	334	301	299	242	235	8
N7BK	350	339	350	12			3	54	82		344	64	265	24	201	
W7BJN	349	339	349		5	1172	9	122	157		247	168	224	88	157	6
W7TSQ	348	339	344	301	130	1592	53	146	220	103	326	148	259	128	231	5
W7AV	348	337	319	317	129	1853	49	144	218	199	313	261	240	190	221	8
K6UFO	347	339	338	336	237	1449	100	105	118	107	300	113	260	134	210	6
N7TK	346	339	340	298	111	1709	95	119	186	183	335	237	233	163	184	8
W7VV	346	339	287	307	13	1069	20	65	176	41	309	101	205	28	141	
KD7H	346	336	300	324	147	1600	4	159	235	259	321	253	276	238	228	8
W7KSK	344		340	333	202	925		137	172	4	252	5	161	4	204	
K7BTW	343	335	331	334	269	1826	24	123	229	213	330	241	291	186	223	8
K6KR	342	335	304	331	51	1407	16	143	266	78	313	99	263	62	211	5
W7QN	340		331	316												
NU7J	339	334	288	330	66	1535	32	111	224	139	316	207	249	105	169	8
W7NP	336	330	311	225	169	1128	3	38	118	34	301	105	209	140	188	
K7LAZ	330	327	291	323		1732	73	131	223	214	313	251	227	180	166	8
K7MH	328	322	281	239	94	910	7	105	120	20	264	64	177	27	122	5
W7LEA	327	325	327			1176	11	95	147	1	292	197	187	115	131	
N7YX	324		256	108	1		6	51	90	30	230	48	166	23	139	
K7MO	320	314	249	266	41	1159	22	121	173	58	244	124	199	87	141	5
W7IU	319	310	285	279	218	1320	5	16	127	108	285	191	243	163	178	
W7ZF	318	317	267	173	149	775	3	22	55	20	199	110	140	60	169	
W7VAS	313	311	285	227	141	1155	9	23	96	47	270	224	198	147	138	
WA7SRZ	311	306	305	8	15	760	2	21	29		227	124	141	96	124	
WC7Q	309	309	228	298	125	1511	5	73	172	134	283	238	235	184	186	
N7XY	306	295	258	233	6	497	2	3	78	19	139	26	110	21	104	
AG7N	306	301	208	289		1090		46	161	52	239	147	198	98	156	
N7RVD	306	279	148	175	36	505	4	26	61	8	157	18	142	10	82	

K7DSE	305	303	260	289	35	1289	2	12	174	120	276	211	214	134	151
K7WA	304	294	79	286				49	185	12	188	125	190		147
NG7Z	289	287	128	286	113	1072	22	72	157	108	230	125	187	60	118
K7JF	287	278	62	128		242			16	20	111	40	36	11	35
W7UDH	277	268	9	255	0	281	0	1	12	6	192	8	62	0	0
K7EKD	262	262	218	200		975	16	17	110	72	158	148	184	126	144
W7OLY	260	258	209	229	177	965	18	75	145	27	227	57	194	58	168
KZ1W	255	253	255	5	82	965	6	64	110	0	205	141	177	107	152
KX7L	254	251	98	228	131	876	11	50	121	75	185	105	154	44	126
N9ADG	220	218	148	187	78	608	106	49	99	28	154	26	86	6	56
K7ADD	207	207	189		120		1	15	55	20	158	118	117	79	107
N7GCO	207	205	205				11	18	89		170	123	172	79	155
K7ZG	177	174	69	165	1	295	0	11	21	1	84	3	102	3	70
KB7HDX	160	159	159	3	34	383	1	12	17	2	117	18	98	19	98
KE7WUD	121	121	106	28		177		2	13	3	35	22	36	17	47

DX Info Sources

John Owens, N7TK (jcowens1@comcast.net)

Discovering what countries (sorry, “entities”) are currently operating on the bands and getting a confirmation (QSL or LOTW) once you work them has become easier in one sense with the flood of electronic information and more difficult in another sense, as the amount of available information is almost overwhelming. Below are some very useful websites that will help solve these problems. If you have other sites that you have found helpful and think should be on this list, please send the info to me at jcowens1@comcast.net and I’ll include it in future issues.

Useful DX Sites

The Daily DX (www.dailydx.com) (subscription service but can’t be beat for timely info)

The DX Zone (www.dxzone.com/catalog/)

Internet Ham Atlas (www.hamatlas.eu)

Announced DX Operations

DX World (<http://dx-world.net>) (look for the “DXW Weekly Bulletin”)

NG3K Amateur Radio Contest/DX Page (www.ng3k.com/Misc.adxo.html)

DXing Info (www.dxing.info/dxpeditions)

Ohio/Penn DX Bulletin (www.payays.com/opdx1044.html)

QSL and Manager Info

Pathfinder (Pathfinder.exe) (<http://www.dxlabsuite.com>) (Click on QSL Info)

QSL Manager Lookup (www.IK3QAR.it/manager)

K3WWP QSL Routes (http://home.windstream.net/johnshan/dx_ss_qling.html)

HamQTH Callbook (www.hamqth.com/)_

ORCA DX and Contest Club (www.orcadxcc.org/index.html) (Good access to QRZ.com)

Global QSL (Card design and bureau QSL service-print and mail)
(www.globalqsl.com/)

Announced DXpeditions

Here are the DXpeditions and dates I have in my calendar as of January 3, 2017 (with no representations that the information is accurate, complete and/or won't change):

Qatar (A7ØX)	January 1-7, 2017
Marion Island (ZS8Z)	January 7-30, 2017
Laos (XW4ZW)	January 8-18, 2017
Ivory Coast (TU5MH)	January 22-February 2, 2017

Here are the sites and bulletins I look at to find out what's happening on the bands:

The Daily DX	dailydx.com (subscription and free trial available)
DX World	dx-world.net (free)
NG3K Page	www.ng3k.com and then click on ADXO at the top (free)
DX Summit	www.dxsummit.fi (free)
DXScape	www.dxscape.com (free)
DX Heat	https://dxheat.com (free)

Free to a Needy Home

I have two Orion rotators and control heads (RSA3 and RSA2). (See photo on next page). The estate they came from is pretty much cleared out and the estate is looking to be done with the endeavor. These are just sitting in my garage, taking up room. I don't know if they work, I can't test them, and they might only be suitable for parts. I understand there are issues finding suitable connectors and sometimes the control heads have parts that go bad.

I'd prefer these go to someone that can use them or would attempt to use them (in other words if they are just flea market fodder, please pass). Of course, they may not be worth the space they take up. If you have genuine need for these (or just one) they are yours. Email: n7wa at arrl dot net



Totem Trader

For Sale: Drake R-4C and T-4XC (includes Power Supply) - late models in excellent condition. Extras include: Sartori solid-state tubes in receiver, Sherwood 250 Hz filter, Magicom RF Speech Processor in transmitter, extra tubes including finals, and rebuilt transmitter power supply.

Asking Price: \$600

Jim Hadlock K7WA k7wa@arrl.net

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Western Washington DX Club, Inc.
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Internet Access

Information on the Western Washington DX Club is also available on the internet at www.wwdxc.org