



WASHRAG™

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JUNE 2011

N3SH
WA3SH
NP2SH/B



Wireless Association of South Hills



Field Day 2011

The WIRELESS ASSOCIATION OF SOUTH HILLS will once again be holding our 2011 Field Day operation as N3SH at Mingo Creek Park, Finleyville, in Washington County.

We will once again be operating at the Mingo Creek Observatory of the Amateur Astronomer's Association of Pittsburgh, at AAAP's facility on Observatory Hill.

Larry K3VX, co-Field Day chair, tells us at deadline that "the CW and digital stations are complete. We need at least one more rig (besides the club's IC-738) for the phone station.

The tents and generator have to be picked up on Friday June 24th. We will set up the tents on Friday, and get the ropes in the trees then, and then get the tables, chairs, etc under cover ready to receive equipment Saturday AM."

Kevin N3HKQ, our other co-Field Day Chair, adds "The EME team of Jim Sanford, Rick Bell, Larry Comden and myself will have the EME station at Field Day this year. Armed with the hard lessons we learned from our first two outings, we are growing more confident that we will be successful. Last weekend we were told by two 5-land EME'ers that we were heard on almost every sequence we transmitted but were unable to be decoded. We discovered that seeing other stations on our computer screen improved after using a mast mounted preamp. The challenge for us is to have the ability to use a mast mounted preamp and a 160-watt linear amplifier but have the preamp switched out while transmitting. Jim Sanford has communicated with W1JT, the author of the WSJT and learned that we can use a feature of the software to enable us to accomplish switching the preamp out while transmitting. It's taking a little longer to be successful but we are continually learning and getting closer all the time to making successful EME contacts. If it were easy everyone would be doing it. It will be a fun Field Day and I look forward to seeing you there."

We're going to go over final details and preparations at the meeting. Let Larry or Kevin know what your plans are, when you can come down and operate, how you can lend a hand, or anything else you can do.

FD is a lot of fun for everyone, and a great time to experience or re-experience HF and VHF operating. All South Hills area amateurs are invited, club members or not. Hope to see you down in Mingo!

Next Meeting: June 9th, 2011

The next monthly meeting of the WIRELESS ASSOCIATION OF SOUTH HILLS, INC. will be on Thursday, June 9th, 2011, at the North Strabane Township Municipal Building, 1929 Route 519, Canonsburg PA, starting at 7:00 PM.

Our primary Topics will be on N3SH Field Day 2011 preparations, and more to be determined.

Talk-in on the 146.955(-) N3SH/R and 443.650(+) N3FB/R Repeaters (131.8 PL). All members, guests and interested parties invited!

NLI Hams Meet with Rep. King

May 19th, 2011, Massapequa Park, NY – A delegation of Amateur Radio operators from the Long Island / New York City area met this morning with Congressman Peter T. King (R-NY) to discuss his recent proposed legislation, HR 607, and its impact on Amateur Radio.

Congressman King said that he fully understands and appreciates the importance of Amateur Radio and the service it provides to the community, and that he would see to the modification of the bill so that the 420 – 440 MHz band would be excluded from the spectrum to be auctioned.

"The Congressman went on to explain that it was never his intention to remove the 70 centimeter band from Amateur use. He further asked us to 'get the word out' and inform the Amateur Radio community that 70 centimeters is not in jeopardy," said Mike Lisenco N2YBB, ARRL SM for New York City/Long Island (NLI).

The Congressman was very receptive to the group, who also extended an invitation to attend Field Day locations in his District.

Read the full story in it's entirety on the NLI Sectin web site at <http://nli.arrl.org/nli-hams-meet-with-rep-king-regarding-hr-607-70-cm-is-safe.html>

And, maybe (as Jim WB4GCS has suggested), it wouldn't be a bad idea at all to invite some local politicians to the WASH N3SH Field Day 2011 operation... or any other FD setup for that matter... it's not too late to issue invitations!

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"Seen" at the 2011 Breezeshooters Hamfest

Photos Courtesy of and ©Copyright 2011 Ron Notarius W3WN



WASH 2011 OFFICERS

EXECUTIVE COMMITTEE:

President	Ron Notarius W3WN
VP / Secretary	Glen Roberts KE7FD
VP / Treasurer	Mark Stabryla N3RDV

AND WE COULDN'T DO IT WITHOUT:

N3SH / WA3SH Trustee	Steve Lane W3SRL
NP2SH Trustee	Paul Jordan NP2JF
N3SH / WA3SH / NP2SH QSL Manager	Ed Oelschlager N3ZNI
NP2SH 2009 QSL Manager	Carl Schroeder K9CS
VE Team Liaison	Jacqué Gosselin N3ZEL
Webmaster	Randy George N3ZK
Asst. Webmaster	Glen Roberts KE7FD
Quartermaster	Harold Rosenberger K3HCR
WASH FM Net Manager	Kevin Smith N3HKQ
WASHFest 2011 Committee	Kevin Smith N3HKQ, Chairman
	Carol Danko KB3GMN, Co-Chair
Activities & Operating Events	Bob Timmins AB3ED
Ways & Means	Carol Danko KB3GMN
Field Day 2011 Coordinators	Kevin Smith N3HKQ
	Larry Comden K3VX

CLUB-AFFILIATED REPEATERS, BEACONS, & DIGIPEATERS:

Mt. Lebanon	N3SH / R	146.955 MHz (-)	PL 131.8
Mt. Lebanon	W3SRL / R	442.550 MHz (+)	PL 131.8
Canonsburg	N3FB / R	443.650 MHz (+)	PL 131.8
St. Johns, VI	NP2SH / B	28.276 MHz	Propagation Beacon
Canonsburg	N3SH	144.390 MHz	APRS Digipeater

N3SH / WA3SH WASHNet, the weekly on-air net of WASH, meets every Sunday Night, 9:00 PM ET, on the 146.955 & 443.650 repeaters. All radio amateurs, WASH members or not, are welcome to join in!

THE LEGAL STUFF

"The WASHRag™" (formerly "The Mariner™") is the Official Newsletter of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC. (WASH)**

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The **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** was founded on August 23rd, 1993, as the original **SOUTH HILLS AMATEUR RADIO CLUB**, and operated under that name through 1998. WASH was also known briefly in late 1998 as the **N3SH AMATEUR RADIO CLUB**. It is not in any way affiliated with the "South Hills Amateur Radio Club, Inc." and is not responsible for that group, it's members, or it's actions in any way, shape, or form.

As always, special thanks to the owners of both the N3SH-W3SRL Repeater System and the N3FB/R Repeater System for permitting the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** and it's members to use their repeaters for club purposes. Special thanks also to Glen Roberts KE7FD of The Internet Guild for his assistance in providing space on-line for our website for back issues of "The WASHRag™" which can be found at www.washrag.info

WASH Amateur Radio Club News Briefs

Next WASH VE Test July 27th

The Next WASH VE exam sessions will be **Wednesday, July 27th, 2011, 6:30 PM**, at the **North Strabane Township Building, 1929 Route 519, Canonsburg, PA**. Talk-in on the 146.955 MHz and 443.650 MHz repeaters. All examiners are ARRL VEC affiliated.

Walk-ins are always welcome, but if you plan on attending the test session, please contact VE Team Liason Jacqué Gosselin N3ZEL:

Telephone (724) 746-9235 or E-Mail: n3zel@comcast.net

Please bring the following to your test session:

- Picture ID or other suitable identification (2 forms of ID required)
- Pen / Pencil / Calculator
- Original FCC license plus a copy of license (if upgrading)
- Original CSCE plus a copy of CSCE (if upgrading)
- Check or Cash in the amount of **\$15.00** (payable to: ARRL VEC)

Future test dates: Wednesday, October 26th, 2011
 Wednesday, January 25th, 2012 (tentative)
 Wednesday, April 25th, 2012
 Wednesday, July 25th, 2012

Beginning Tuesday, September 6, the Space Weather Prediction Center (SWPC) will cease broadcasting its geophysical alert message on WWV and WWVH. These messages inform listeners of the solar flux, the mid-latitude A and K indices and space weather storms, both current and predicted. Currently, the message is heard on minute 18 from WWV and minute 45 from WWVH.



WASHNet 2011 NCS Schedule

05/01/2011 - Kevin N3HKQ	10/09/2011 - Bob AB3ED
05/08/2011 - Dave N3IDH	10/16/2011 - Kevin N3HKQ
05/15/2011 - Frank N3FB	10/23/2011 - Dave N3IDH
05/22/2011 - Dave N3DFK	10/30/2011 - Kevin N3HKQ
05/29/2011 - Bill W3WH	11/06/2011 - Dave N3IDH
06/05/2011 - Harold K3HCR	11/13/2011 - Frank N3FB
06/12/2011 - Carol KB3GMN or Richie N3SBF	11/20/2011 - Dave N3DFK
06/19/2011 - Bob AB3ED	11/27/2011 - Bill W3WH
06/26/2011 - Frank N3FB	12/04/2011 - Harold K3HCR
07/03/2011 - Kevin N3HKQ	12/11/2011 - Carol KB3GMN or Richie N3SBF
07/10/2011 - Dave N3IDH	12/18/2011 - Bob AB3ED
07/17/2011 - Frank N3FB	12/25/2011 - Kevin N3HKQ
07/24/2011 - Dave N3DFK	01/01/2012 - Dave N3IDH
07/31/2011 - Bill W3WH	01/08/2012 - Frank N3FB
08/07/2011 - Harold K3HCR	01/15/2012 - Harold K3HCR
08/14/2011 - Carol KB3GMN or Richie N3SBF	01/22/2012 - Carol KB3GMN or Richie N3SBF
08/21/2011 - Bob AB3ED	02/05/2012 - Bob AB3ED
08/28/2011 - Frank N3FB	02/12/2012 - Kevin N3HKQ
09/04/2011 - Dave N3IDH	02/19/2012 - Dave N3IDH
09/11/2011 - Kevin N3HKQ	02/26/2012 - Frank N3FB
09/18/2011 - Dave N3DFK	03/04/2012 - Dave N3DFK
09/25/2011 - Bill W3WH	03/11/2012 - Bill W3WH
10/02/2011 - Harold K3HCR	03/18/2012 - Harold K3HCR
10/09/2011 - Carol KB3GMN or Richie N3SBF	03/25/2012 - Carol KB3GMN

Net On Hiatus Through Labor Day

Saturday, May 28th was the start of Memorial Day weekend, the traditional start of the Summer season (even if the seasons don't quite agree yet), a day to sleep in... and yet, there once again was **the WASH Breakfast Gang** gathering at **The Beach House** in Finleyville. This month, W9UK, W3VFA, AD3A, N3BPB, W3WH, K3VX, K3SGT & Barb, N3FB, KB3GMU, N3HKQ and W3WN started off with the place almost to themselves, although the crowd soon filled in behind us. Topics of conversation covered joining clubs, icicles in Hell (MI), what "ACLU" really stands for, old steam tractors, old QSL cards, working the WPX contest, the Jet Blue web site, USA Network, transport to Barbados, the Air Train at LaGuardia, driving in NYC, bagels at the Charlotte (NC) airport, St. Johns, joining QCWA, suing Canon, Inrad, Triplexers, Hillary Clinton on the \$9 bill, Quad Antennas, Six meters and meteor scatter, the Elecraft K3 vs. the Ten Tec Eagle...and that wasn't even half of it.

Traditionally, we start off Field Day Saturday with breakfast, followed by the excursion to the FD site. But even if you can't join us for FD that early, join us anyway on Saturday, June 25th, for our next breakfast gathering at **The Beach House**, Library Road, Finleyville, just south of Trax Farm. See you there!

On Saturday, June 4th, Kevin N3HKQ & Jim WB4GCS conducted a **"dry run" of the EME station** at Jim's QTH. The coordinated efforts with K5QE and others on the Moon Net reflector, and Marshall indicated that George NR5M was hearing N3SH "on every sequence" on 70 cm. So progress is being made, as the EME team is getting a better handle on operating the equipment. More details will hopefully be at the next meeting, and the plan is to try next as part of our Field Day operation.

Larry K3VX's son Mark Comden has designed a **WASH Cartoon Logo** for use for N3SH Field Day 2011 and possibly future use for the club. The logo is to the left. What do you think?

Ben KB3ERQ has "been listening to **This Week In Technology** podcasts for several years (especially Security Now), so I was thrilled to hear they are adding a Ham Radio show: <http://www.rwonline.com/article/twit-to-add-ham-radio-show/23485>. This after one of the guests of the show, John C. Devorak, announced on the show that he had become a ham. A conversation ensued with Jerry Pournelle who made some good points about the value of Ham Radio. The show can be seen / heard here: <http://twit.tv/296> (go to about 36 minutes in.)" Thanks for the tip Ben!

This year's Hamvention excursion got us to thinking. Several years ago, there were several **tour bus excursions** to Hamvention for hams who didn't want to drive themselves. If memory serves, one such bus trip was a 24 hour event — left Friday very late, arrived at HARA in the morning Saturday, left for home the end of the day — another involved an overnight stay or two at a motel or hotel. Considering that the University of Dayton may have a conflict with commencement in future years, and that (to be perfectly honest) organizing the U of D trip is a tremendous burden that Greg NB3C has assumed — and he deserves a break — it might not be a bad idea to explore other options. If the price was reasonable, would you go? Think about it; we'll discuss at a future meeting.

The **club net** never really recovered from the down time that the 955 machine had. So, as decided at the May meeting, we're going to give it a break for the summer, since that's always been a time of light turnout anyway. Does the net still serve a purpose, or has email and the web made it obsolete? Should we do something different, and if so, what? More food for thought for a future meeting.

The **washrag.info web site** was used for several years as a newsletter repository. Unfortunately, after a forced move to a different ISP, followed by a hack attempt, the site was never quite put back together correctly. Our thinking is that it's time has past, and that we have other options, so KE7FD & W3WN (who've paid for the site on behalf of the club) are going to let the domain quietly expire. Or is there someone in the club who'd like to take over managing the site and keeping it populated in past newsletters? Let us know if this interests you.

Join WASH or Renew your Membership for 2011 Today! Membership Application on Page 11!!

Minutes, May 12th Meeting

Glen Roberts KE7FD, Vice President/Secretary, WASH

Ron W3WN called the meeting to order at 19:05 hours. There were 13 members and guests in attendance.

A moment of silence was observed for recent silent keys and other deserving persons.

A motion was made by Carol KB3GMN to waive reading of the April minutes as published in the newsletter. Seconded by Larry K3VX and carried unanimously.

Bob AB3ED held a brief ceremony to formally pass over the Secretary's Material to Glen KE7FD.

Committee reports:

Treasurer (N3RDV): A balance on the bank account was read on Mark's behalf.

Secretary (KE7FD): No report.

VE Report (N3ZEL): Full report on the April VEC session was in the May newsletter.

Repeaters (N3FB): Repeating. Electric bill was sent to Mark.

Net Report (N3HKQ): Carol KB3GMN suggested that we consider suspending the club net for the summer due to lack of check-ins. Discussion followed.

Contests (K3VX): CQ WPX contest 28 & 29 May. Field Day will be at Mingo this year at the AAAP observatory. We will be operating in two tents under generator power, the Tower Trailer. CW SSB & Digital. Short discussion on FD. Glen KE7FD will loan his equipment for the digital station. Rigs are still needed.

Activities: EME Project (N3HKQ & WB4GCS): A test operation will be conducted at Jim WB4GCS's location to confirm everything is working correctly, and to fine-tune. Session will be held on June 4th, the day before Breezeshooters.

Public Service (N3IDH): Volunteers are still needed for the upcoming Pittsburgh Marathon on May 15th.

Ways and Means (KB3GMN): 50/50 tonight. Breezeshooters admission tickets will also be selected tonight from the 50/50 tickets.

Newsletter (W3WN): Went out late, the night before the meeting.

President's Report (W3WN): Club picnic at the Breezeshooter's Hamfest will be at the usual place. W3WN will coordinate with KB3GMN.

Old Business: The tower trailer maintenance should be completed at Jones RV this weekend.

New Business:

- Short discussion of club tax status.
- Glen will apply for the state sales use tax exemption for non-profits.
- Bob AB3ED will apply for a South Park pavilion for the August club picnic.
- Motion by Kevin N3HKQ, second Bill W3WH to suspend the club net from Memorial Day through Labor Day. Discussion. AB3ED suggested a swap meet for the revamp in the fall. Rick KB3IAC suggested EMCOMM training, possibly doing something with the BSA Order of the Arrow. Motion carried unanimously. Rick and Kevin will work on suggestions.

Good of the Order:

- Larry K3VX will collect money for FD pins and T-Shirts to be picked up at Dayton Hamvention for those who'd like them.
- Bill W3WH stated that he and Larry K3VX will be operating as rovers in the June VHF Contest.

Motion to Adjourn by Bill W3WH, Second by Carol KB3GMN and carried.

Meeting adjourned at 19:59 hours.

Silent Keys



Jack Engel W3UUH, 92, Mt. Lebanon, June 3rd

WASH Spotlight: HARA



"Suspicious looking characters I saw at Dayton!" Spotted at the HARA Arena during the course of the weekend...

Photo courtesy of and ©Copyright 2011 Kevin Smith N3HKQ

Every month we're going to feature a **WASH** club member, something about them, something they're involved in or a club-related activity that we're involved in, in the **WASH Spotlight**. Submissions for the Spotlight should be sent to Ron W3WN at [newsletter at n3sh dot org](mailto:newsletter@n3sh.org)

Monthly WASH Breakfast

Please join us for the next **WASH** Breakfast! We usually get together on the LAST Saturday of every month for a chance to informally sit down, shoot the breeze, compare notes, drink lots of coffee, and just have a good time!



Join us this month at **The Beach House**, on Route 88 in Finleyville, just south of Trax Farms and adjacent to Mineral Beach. Start time is about 8 AM until ????? Monitor 146.955 & 443.650 for talk-in or any last minute changes.

All are welcome, **WASH** members or not, amateurs or not!

Wireless Association of South Hills Membership

AA3XY	KE7FD	N3ZEL	WASH FL	WASH VI	Silent Keys
AB3ED	KJ3D	N3ZK	KA3UPY/MM	NP2JF	
AB3EN	N2QIV	N3ZNI	W4ZE		
AB3KA	N3AWF	NU3S	WASH GA		
AC4KU	N3BPB	W3LE	K3OL		K3EED (George)
AE3DL	N3CZZ	W3RWS	KB3JX		KA3NMG
K3AIR	N3DFK	W3VFA	WASH NE		KB3ENX
K3GW	N3FB	W3WH	NØPEU		KB3FNM
K3HCR	N3FPF	W3WN	WASH OH		KB3FQT
K3LGM	N3HKQ	WA3NB	N8DPW		N3FZ
K3RYA	N3KFD	WA4ONC	WASH SC		N3KEH
K3SGT	N3OVP	WB4GCS	N3RNX		N3OBD
K3VX	N3QWW	WO3Z	WASH TN		N3SKR
KA3TWI	N3RDV	Jane Wagner	KE3XB		N3SRC
KB3DCO	N3RHT		N3YPB		N3XFE
KB3GMN	N3SBF		WASH TX		W3ZLK
KB3GMP	N3TIR		K3LGM		WA3JPP
KB3GMU	N3YJJ		Jane Wagner		
KB3IAC					
KB3IVX					
KB3ORR					
KB3TOA					
KC4WTT					

Through May 25TH, 2011

List compiled by

Mark Stabryla N3RDV, Vice President/Treasurer

2011 WASH Upcoming Events Calendar

Meeting Topics & Other Significant Club Events — Subject to Change

June 5 th	Breezeshooter's Hamfest	http://www.breezeshooters.net
June 5 th	WASH Members Picnic	At the Breezeshooter's Hamfest
June 9 th	WASH Meeting	@ North Strabane Municipal Building
June 11 th & 12 th	ARRL June VHF Contest	http://www.arrl.org
June 25 th & 26 th	ARRL Field Day	http://www.arrl.org
July 9 th & 10 th	IARU HF World Championship	http://www.iaru.org
July 10 th	North Hills ARC Hamfest	New Location http://www.nharc.org
July 14 th	WASH Meeting	@ North Strabane Municipal Building
July 16 th -17 th	PVGP BeaveRun	http://www.pvgp.org
July 17 th	WPa Repeater Council Meeting	http://www.wprc.us
July 17 th	Somerset County ARC Hamfest	ak3j@arrl.net
July 23 rd -24 th	PVGP Schenley Park	http://www.pvgp.org
July 27 th	WASH VEC Examination	@ North Strabane Municipal Building
July 31 st	Foothills ARC Hamfest	n3flr@arrl.net
August 11 th	WASH Meeting	@ North Strabane Municipal Building
August 28 th	Skyview RS Hamfest	http://www.skyviewradio.net
September 3 rd	Uniontown ARC Gabfest	http://www.w3pie.org
September 8 th	WASH Meeting	@ North Strabane Municipal Building
October 8 th — 9 th	Pennsylvania QSO Party	http://www.nittany-arc.net/PAQSO.html
October 13 th	WASH Meeting	@ North Strabane Municipal Building
October 26 th	WASH VEC Examination	@ North Strabane Municipal Building
October 29 th – 30 th	CQ WW DX Contest SSB	http://www.cq-amateur-radio.com
November 5 th — 6 th	ARRL Sweepstakes SSB	http://www.arrl.org
November 6 th	WACOM Hamfest	http://www.wacomarc.org
November 10 th	WASH Meeting	@ North Strabane Municipal Building

US Proposes WRC-12 Allocations for HF Radars

[ARRL Web Extra](#) courtesy of the American Radio Relay League

The ARRL and its partners in the IARU have been involved in the preparations for several items on the 2012 World Radiocommunication Conference (WRC-12) agenda. Agenda item 1.15 is "to consider possible allocations in the range 3-50 MHz to the radiolocation service for oceanographic radar applications." Such radars have been in operation in coastal areas for many years, typically under experimental licenses.

Based on protection requirements for the Amateur Service that the IARU had arranged to be included in ITU documentation, the Conference Preparatory Meeting (CPM) Report for WRC-12 that was adopted in February concluded that sharing between oceanographic radars and the Amateur Service "seems to be difficult." Sharing studies, therefore, focused on in-band compatibility in the bands used only by the fixed and/or land mobile services. The CPM Report offers three methods of satisfying the agenda item through various combinations of primary and secondary allocations, with the objective of satisfying the operational need for safety systems (e.g. for the detection of tsunamis) and providing for the operation of other systems while protecting other allocated services from harmful interference.

The CPM Report does not propose specific allocations for oceanographic radars, this being the prerogative of individual administrations who may submit proposals directly to the ITU or through their respective regional telecommunications organizations such as CITEL; however, the report does identify broad ranges of fixed/mobile spectrum where such allocations might be considered. None of these ranges overlap internationally allocated amateur bands.

In the United States, preparations for a World Radiocommunication Conference proceed along two parallel tracks. The FCC convenes a WRC Advisory Committee (WAC) to gather input from non-federal spectrum users and other interested parties. Several Informal Working Groups (IWGs) are established to address the wide range of agenda items. The ARRL participates fully in the WAC and relevant IWGs. At the same time, federal spectrum interests are addressed through the National Telecommunications and Information Administration (NTIA) in the Department of Commerce. The FCC, NTIA and Department of State collaborate to develop US proposals based on the two preparatory streams.

In October 2010, the WAC completed its work on agenda item 1.15 and adopted draft proposals of allocations for radiolocation in the bands 4.440-4.500 MHz, 13.410-13.530 MHz, 13.870-13.990 MHz, 25.330-25.550 MHz, 26.200-26.420 MHz and 41.6-42.4 MHz. The allocations would be on a primary basis, but without the right to claim protection from interference from other primary services operating in the bands. This outcome was satisfactory to the ARRL. The WAC subsequently held its final meeting on April 19, 2011.

But in May 2011 -- following a consultative process that is as yet unclear -- the US submitted NTIA-developed proposals to CITEL, the regional telecommunications organization for the Americas, that are significantly different from the WAC proposals and affect more frequency bands, specifically 3.155-3.200 MHz, 4.438-4.650 MHz, 5.250-5.450 MHz, 13.410-13.570 MHz, 14.350-14.990 MHz, 25.330-25.550 MHz, 26.200-26.420 MHz, 41.015-41.665 MHz and 43.35-44.0 MHz. These allocations would be on a primary basis, but with a footnote that radiolocation stations may not cause harmful interference to, nor claim protection from, stations operating in the fixed and mobile services -- an odd provision, since this is the definition of a secondary, not a primary, service.

One aspect of these proposals is of concern to the ARRL: the inclusion of 5.250-5.450 MHz. While there is no international allocation to the Amateur Service in this band, the United States -- and a growing number of other countries -- have authorized limited amateur operations on a non-interference basis. In view of the sharing difficulties noted in the CPM Report, the ARRL would have raised its concern within the FCC preparatory process, had the NTIA proposals been made available to the WAC, as was the case with more timely NTIA proposals.



**This is what a
tornado can do
to an broadcast
tower!**

**WYTH Tower
photos courtesy
of**

**Jack Layton
W9UK CPBE**



In a letter dated May 26, ARRL President Kay Craigie, N3KN, expressed the League's concern to S. Decker Anstrom, Head of the US Delegation to WRC-12. Her letter concludes: "We would appreciate the opportunity to contribute to improving the proposal through appropriate domestic processes in advance of its submission to the ITU." A link to the letter is provided below.

While the inclusion of 5.250-5.450 MHz in the US proposals for radiolocation allocations is unfortunate, ARRL Chief Executive Officer David Sumner, K1ZZ, observed that the proposed allocation has a long way to go before possible adoption in Geneva next year. While the ARRL works domestically to address the issue, the IARU will be doing the same through its Member-Societies in other countries and its relationships with regional telecommunications organizations. "For now, the best thing for concerned amateurs to do is to let matters run their course through the normal WRC preparatory processes," he said.

THE "ESCAPE TO THE LAKE" MS BIKE TOUR IS THIS COMING WEEKEND JUNE 1ST. A FEW MORE VOLUNTEERS NEEDED TO ASSIST. WE NEED STATIONS AT THE REST STOPS OF GROVE CITY, SANDY LAKE (EARLY MORNING) AS WELL AS WOODCOCK DAM AND COCHRANTON ON SATURDAY (LATE MORNING AND EARLY AFTERNOON). IF THERE ARE FOLKS WILLING TO TRANSPORT BIKERS THAT HAVE BECOME DISABLED MECHANICALLY, WE COULD USE A COUPLE MORE OF THOSE FOLKS. YOUR ASSISTANCE IN ANY AMOUNT OF TIME IN ANY WAY WOULD BE APPRECIATED.

THERE IS ALSO OPEN SPOTS FOR PEOPLE TO PARK ALONG THE ROUTE TO MONITOR BIKER PROGRESS AND REPORT PROBLEMS. REMEMBER THE CELLPHONE RECEPTION IS POOR IN MUCH OF THE ROUTE SO AMATEUR RADIO IS A VITAL LINK TO THE SAFETY OF THE PARTICIPANTS.

TO HELP PLEASE CONTACT [LARRY KA3HUK@NAUTICOM.NET](mailto:LARRY.KA3HUK@NAUTICOM.NET) OR KA3HUK@ZOOMINTERNET.NET, OR CALL HIM AT 724-290-4099

– 73, MARK SHALLENBERGER N3PBQ@YAHOO.COM

Southern Sudan DXCC Status

Martti Laine OH2BH

With great anticipation, DXers the world over are looking forward to the 9th of July this year as the predicted day of South Sudan's declaration of independence. Indeed, that declaration is set to happen, but it will not yet guarantee the birth of a new DXCC entity, at least at that time.

The DXCC rules are written in such a way that only a new country's membership in the United Nations and/or its ITU country prefix will result in the anticipated DXCC counter. The U.S. State Department Geographer's list of Dependencies and Areas of Special Sovereignty obviously does not apply in this case.

The opinion from the ARRL is that no exceptions will be made in this case. They state that the event date — i.e. declaration of independence — will not cause potential QSOs to be counted retroactively. Rather, Newington categorically assumes that U.N. membership, which will most likely come first, followed by the release of an ITU prefix by the U.N. telecommunications agency, will lead to country status.

The prospect of a new country has taken an unexpected turn just recently. The country's borderline has never been settled between North and South Sudan in the area (Abyei) where most of the oil reserves are located. It was agreed under the 2005 Peace Agreement that the border issue will be resolved by the people in that province. A referendum to settle the matter has not happened. Instead, the North (ST2) has entered the disputed province with force. Additionally, the North has stated that they will not support an independent State in the south unless the contested region is theirs. The matter now remains totally in limbo.

<<http://www.bbc.co.uk/news/world-13560829>>

While the amateur radio project announced earlier this year by 5Z4DZ, ST2AR, W3UR and OH2BH is well underway, it is not yet reasonable to swing your antennas toward South Sudan, as we speak. The project has two well-known DXers now permanently based in South Sudan: SM7PKK and Y11DZ/ST2DZ. The knowledge and the professional presence are in place to proceed with an immediate activation as soon as the above country status matters are resolved.

Editor's Note: See also article from the Intrepid DX Group on Page 8

Q Signals for Baby Boomers

Jim Key NT2F courtesy of www.eham.net

A recent article made me realize there is indeed a need for Q-Signals to address the special interest of the aging Baby Boomer Ham (including myself). I'm sure this has been done before but perhaps there is something useful here. No offense is intended, just an opportunity for us Old Timers to smile at ourselves.

- QAR: Is your arthritis acting up today? My arthritis is acting up today.
- QBP: How many bypasses (or stints) do you have? I have ___ bypasses (or stints).
- QDF: Does (or did) your ICD (implantable cardioverter-defibrillator) zap you when you key down? My ICD zaps (zapped) me when I key down.
- QDN: Are you wearing dentures? I am wearing dentures.
- QGC: How many grandchildren do you have (or do you have a new grandchild)? I have ___ grandchildren (or I have a new grandchild).
- QGM: Are you operating golf cart mobile? I am operating golf cart mobile.
- QID: What kind of incontinent diapers do you use? I use ___ diapers for incontinence.
- QJR: How many joint replacements have you had? I have had ___ joint replacements.
- QLO: Do you know what LOL (or IMHO, ROFL, etc.) stands for? ___ stands for ___.
- QLW: Do you watch Lawrence Welk reruns? I watch Lawrence Welk reruns.
- QMD: Who is your geriatric physician? My geriatric physician is ___.
- QOT: Are you an Old Timer and were you licensed before no-code licensing? am an Old Timer and I was licensed before no-code licensing.
- QPA: What is your PSA level (or have you had your PSA level checked)? My PSA level is ___.
- QPG: Was that QRM or did you just pass gas? No, that was QRM.
- QPJ: Do you drink prune juice? I drink prune juice.
- QPM: Did you just pull a muscle? I think I just pulled a muscle.
- QPP: Do you need to take a bio-break? I need to take a bio-break.
- QRX: What medications are you taking? I am taking the following medications ___.
- QSS: Have you gotten your social security check? I have received my social security check.
- QVC: Do you know how to program your VCR? I can program my VCR.
- QWH: Do you think Betty White is hot? I think Betty White is hot.

Ouch!!!! Some of those hit pretty close to home. But there are a few more I can think of:

- QON: Do you remember your own name without looking? I remember my own name without looking.
- QWS: Who sent last? I think I sent last.
- QPP: Do you need to change your Depends? I need to change my Depends.
- QFA: Are you asleep - do I need to resend? I fell asleep, please resend.
- QCS: Is ___ your call or mine? ___ is your call.
- QPC: Are you power chair mobile? I am power chair mobile.
- QAS: Are you in assisted living? I am in assisted living.
- QWK: Are you living with your kids? I am living with my kids.

— Newell Cray WX7K



Above: A few pictures from 2011 Dayton Hamvention: (top) The ARRL QSL wall, (middle) the original W6AM Station, (bottom) the Ten Tec Eagle. Photos courtesy of and ©Copyright 2011 Ron Notarius W3WN

Southern Sudan—A New DX Entity This Summer

The Intrepid-DX Group and the DX Friends/Tifariti Gang continues to move forward with our plans to **activate the new country of Southern Sudan** with a large multi-national DXpedition.

We have held several successful meetings with representatives of the Government of Southern Sudan. We have been issued an amateur radio license for the purpose of this DXpedition. The Government of South Sudan is very supportive of our plans to visit Juba and to help them celebrate the birth of their new country.

The Government of South Sudan will declare their independence from Sudan on July 9th, 2011. They have applied to the UN for admission as a member state. The UN General Assembly and Security Council will vote on the matter in the weeks following the declaration of independence.

While there have been attacks and fighting in the disputed border region of Abyei, these issues are not expected to derail the emergence of this new country.

We plan to be in the new capital of Juba and to be ready to start our DXpedition upon admission by the UN. We will have 18 operators operating 24X7 on seven active stations.

At this time, we are seeking Foundation, Club and Individual Sponsors to help us defray the costs of carrying out this DXpedition.

Our official website is <http://www.dxfriends.com/SouthernSudan2011/>

Thank you, The Intrepid-DX Group and The DX Friends.

<http://www.dxfriends.com/> <http://www.intrepid-dx.com/>

ET3AA Is Back—Hans Timmerman PB2T

Courtesy of the [IARU Region 1 Web Site](#)

On 30 May 2011 the reopening of the club station of EARS, the IARU Ethiopian member society took place. Professor Doctor Heiko Schroeder, Head of the Technical Faculty of the University of Addis Ababa and Hans Blondeel Timmerman, President of IARU Region 1 cut the ribbon. Donations from STARS and others helped to enable the revival of ET3AA.



Led by Sid ET3SID the club installed their shack and built antennas on top of the roof of the Technical Faculty of the University of Addis Ababa. Not an easy job, because before they could safely install equipment in the shack they had to repair the roof with flame and tar. To be allowed to do this they had to repair the water pumps of the fire extinguishing system that had not been used for almost 15 years. The team did a great job fixing it all and they now look at a station crowned by their "dream beam", a 17 element 6-30 MHz log-periodic antenna that once belonged to one of the Embassies in Addis and that was saved from the scrapyard.

By the end of July more than 25 club members will take the Radio Amateur Exam. Among the candidates are many young students and all hope to receive their individual licenses soon. Unfortunately Ethiopian Security still controls the licensing system. I am afraid that more work has to be done to convince the authorities that today's students are tomorrow's leaders and that in principle they are good Ethiopians who deserve their government's confidence. Another hurdle to overcome is the examination fee of 25 UK Pounds, a one month's salary in Ethiopia. Club members plan to have an activity week. Green stamps that come with the QSL cards will be used to pay for their RAE. The mail to their new P.O. Box is safe.

The opening was shown on the national television and the club received a great number of applications for membership.

DX News Briefs

11—13 June 11 will see a visit to **Market Reef** by OH2BH, OH2PM & OH2TA, QRV as **OJØB**. They will finalize the "semi-permanent antenna installation" and do some generator tests. They plan to have two active stations on 30, 20 & 17 meters, CW & SSB. QSL via OH2BH. It is also expected that **OHØVM** will be active the next week, QSL via OH6VM. They also report that a group of Finnish DX'ers have reached agreement with the Finnish Lighthouse Society to install a permanent Stepp IR antenna on the renovated light house for future use by visiting DXpeditions, which FLS is encouraging! — OH2BN



C21AA will be QRV from Nauru 10 November - 06 December with a team of 6 operators. They intend to operate SSB, CW, RTTY & PSK31 on all bands 160 - 6 m. QSL chores will be handled by VK4FW direct, via bureau, or via an Online QSL Request System at www.vk4fw.com/oqrs.php. More information will be available at <http://c21.pacific-dxers.com/> — Pacific DX'ers

Prior to the C21AA trip, VK4FW will be QRV from Fiji as **3D2T** 24 October - 9 November. QSL via VK4FW. VK4AN will be QRV as **3D2A**. One or both will have an entry in the CQ WW DX contest — Pacific DX'er's

W5FRW6AML will be QRV as **3D2ML** from Waya Island OC-156, Fiji, 6 - 17 July. He will be on HF, SSB & CW. QSL via RW6AML — RW6AML

N5KM & N4BP will be QRV from Grand Bahama, Barbados, 9 through 13 June. During the June VHF Contest, they will be QRV as **C6AKQ** (QSL via N4BP); before & after the contest as **C6AKQ** and **C6A/N5KM**. They will have an HF station on during the VHF contest, CW & SSB — K4PG

FO/F6CTL will be QRV 18 June -- 14 July. He will be operating from islands in the Marquesas, French Polynesia, and the Austral island groups, SSB & digital modes, holiday style. QSL via F6CTL — F6CTL

KU2F will be QRV from Lizard Island OC-187 as **KU2FVK4** 18 - 21 July, holiday style, 40 - 10 M SSB & CW. QSL via JE1SCF — DX World

"A few days ago I developed chest pains. and on June 3rd, I underwent an operation to install three stents in arteries around my heart. As a result, I am not able to travel to **FS**, Saint Martin, and **PJ7** as planned on June 6th. I will advise if I am able to re-schedule for later in the month." — K9EL

K9OT & KB9LIE will be making their 8th annual trip to **FP Miquelon Island** 21 July - 4 August. **FP/KB9LIE** prefers on SSB, 17, 20 & 40; **FP/K9OT** prefers on CW, preferably 40 & 30. QSL via home calls — K9OT & KB9LIE

JW1EOA will be QRV from Longyearbyen, Spitsbergen Island (EU-026) 10 - 15 June. Activity will be on HF, SSB Only. QSL via LA1EOA — OPDX

VE2XB is currently QRV as **V31XB**, HF & 6 meters, CW & SSB. He's QRV for "several weeks" and then head to **J79** in July. QSL via VE2XB — OPDX

QSL Routes

1AØKM via IKØFTA — E73Y
 3D2T via VK4FW — Pac.DX'ers
 5H1HS via DL7VSN — PY2YP
 5M2TT via I2YSB — KZ2I
 5NØNH via JK1UKY — N8DX
 5X1NH via G3RWF — JA1HGY
 6MØW/5 via HL5BMX — HL5BMX
 7P8KDJ via W5KDJ — JA1HGY
 9M2CNC via G4ZFE — WA3FRP
 9Y1YC via W5UE — W2IRT
 C21AA via VK4FW — VK4FW
 D2SG via GM4FDM — LU2EMH
 D44TBE via IK5CRH — JA1HGY
 FP5BZ via F5TJP — PY5EW
 J28RO via F8FDP — W2IRT
 J5NAR via HAØNAR — PY5EW
 JT5DX via JT1CO — W2IRT
 KG4WV via W4WV — PY5EW
 KH2/AJ2L via JI3QBQ — AJ2L
 OD5NJ via EA5BYP — E73Y

P4ØW via N2MM — W2GD
 P49Y via AE6Y — AE6Y
 PJ4E via WØSD — WØSD
 PJ7DX via I8NHJ — W8HGH
 T3ØAQ via SP5EAO — LU2DKN
 T3ØRH via SP5DRH — JA1HGY
 TC3WFF via LZ1ZF — LU2EMH
 UK8FF via W3HMK — AA5AM
 UK8OM via 4Z5OG — W2IRT
 V31XB via VE2XB — OPDX
 V51KC via IZ8EDJ — LU2EMH
 V73E via WF5T — PY5EW
 VI9NI via VK4FW — PY5EW
 VU4PB via W3HMK — K3BEQ
 XX9TLK via DK7LX — E73Y
 XRØZA via JA8BMK — AA5AM
 ZD9AH via DL2AH — PY5EW
 ZD9T via DJ2HNK — E73Y
 ZF2LC via W2SM — JA1HGY
 ZL8X via DJ2MX — KUØA

Thanks to the NJDXA DX News & DX Chat Reflectors, the DX-QSL Reflector, 425 DX News, OPDX News, Diamond DX Club News, ICPO Bulletin, & ARRL DX Bulletin for our DX News information. Thanks also to Bill Moore NC1L / ARRL DXCC Desk, & Bernie McClenny W3UR / The Daily DX for confirmations & additional information.



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FCC News

ARRL Web Extra courtesy of the American Radio Relay League

Newington, CT, June 6th, 2011 — On June 6th, the FCC issued a Forfeiture Order in the amount of \$24,000 against Kevin W. Bondy of Encino, California, for engaging in unlicensed radio operation and intentional interference to licensed radio operations and for refusing to allow an inspection of his radio equipment by FCC personnel.



Bondy — licensee of General Mobile Radio Service (GMRS) Station WQGX75 — is accused of repeatedly and intentionally jamming four land mobile frequencies assigned to The Oaks Shopping Center in Thousand Oaks, California.

In assessing the \$24,000 fine, the FCC noted that it was responsible for making and enforcing regulations to prevent interference and to maintain control over the use of the radio spectrum in a manner that promotes the public interest and convenience. "Bondy's acts cut at the heart of the Commission's responsibilities to protect the nation's airwaves and regulate use of the spectrum," the Order said. "Bondy operated a radio without a license on the specific frequencies assigned and licensed by the Commission to The Oaks, for the explicit and expressed purpose of prohibiting The Oaks's use of its licensed frequencies. This type of conduct inhibits the Commission's ability to effectively regulate and maintain control over the use of the spectrum and will not be tolerated."

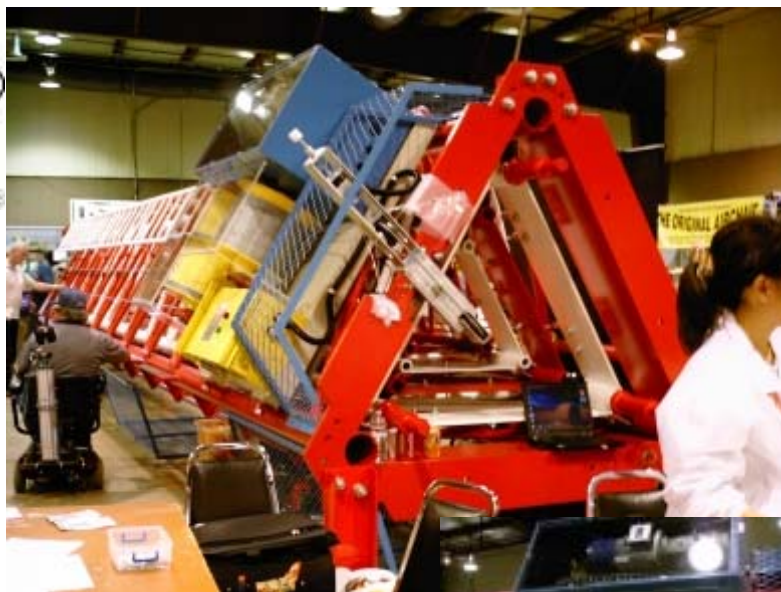
Bondy has until July 6th to pay the fine.

In a [Public Notice \(CG Docket No 11-99\)](#) released on June 3rd, the FCC's Consumer & Governmental Affairs Bureau (CGB) is seeking comments on whether or not it should terminate approximately 800 docketed proceedings. There are numerous proceedings pertaining to Amateur Radio on the list.

These proceedings — some going back to 1991 — include dockets where no further action is required or contemplated, as well as those in which no pleadings or other documents have been filed since December 31st, 2004. The record in a terminated docket will remain a part of the FCC's official records; the various pleadings, orders and other documents in that docket will continue to be accessible to the public, post-termination.

With this Public Notice, the CGB is seeking comment from interested parties on the possible termination of those proceedings. Comments will be accepted within 30 days after the Public Notice is published in the Federal Register; reply comments must be filed within 45 days after publication in the Federal Register. As of June 7th, a publication date has not been set.

Instructions on how to file comments are listed beginning on page 2 of the Public Notice.



Now, THAT's a crank up tower!
 On display at the HARA Arena,
 has to be seen to be believed!

Photos courtesy of and
 ©Copyright 2011 Ron Notarius
 W3WN

Has Roadway found the tower yet?

Hobby / Family Chaos

Allen Poland K8AXW courtesy of www.eham.net

I needed a circuit for a project I had in mind and I knew that it was in one of my QST magazines. I found once again, it was going to be a major undertaking to find it. My QSTs were in at least three places in the house. They initially were stacked by the year but previous searches left the main pile completely mixed up. Since the project I had in mind was just that, something in mind, I decided that the disorganized pile of QST magazines needed to be dealt with first.

The immediate plan was to organize the magazines and then to figure out a way of keeping them organized.

I had long since restricted to my QST accumulation to 10 years because of the weight and the space they required. I rounded up all of my magazines from around the house and the book shelf. I laid them out on the shop floor and under the watchful eyes of my cat and dog I started to arrange them into 10 separate piles.

This would normally take about 15 to 20 minutes but it became closer to three hours. This was because when I picked up each magazine I would check the Table of Contents and quite often would see an article that I marked as a "hold or keeper," or circuit that I wanted to copy and file.

When I finally finished I had 10 stacks of organized QSTs and was all set to put them back on the shelves.

It was then that Kitty-kitty, as all cats must do, stepped up on a pile of magazines and then proceeded to walk around on each pile. I don't understand why cats have to do this. Or why they have to try and get on the highest thing in the house. Sometimes I think they're just wired up wrong.

What happened next is a source of conjecture to this day. Kitty-kitty and Dum-Dawg are two very lovable pets. However, they will fight anything that walk, crawls or flies! For example, one day I saw Kitty-kitty trash two dogs at the same time so fast it was difficult to follow! Kitty-kitty and Dum-Dawg have an understanding and until today there have been no conflicts.

I have no idea why, except perhaps Dum-Dawg read my expression and thought he might score some points with The Man or maybe he just suffered a mini-stroke. I don't know. The next thing I knew these two loveable pets turned into one large fur-ball full of teeth and claws, both emitting sounds similar to those from the two previously mentioned "trashed dogs." All on top of my 10 previously organized stacks of magazines!

Naturally I raised my voice which brought all hostilities to an immediate halt. Both looked at me with the expression on their faces that said, "UH-OH! Or something like that. My 10 stacks of magazines now looked like a Las Vegas two-deck shuffle gone bad!

As soon as my eyes went from them to what was now a magazine landfill, both animals bolted for the cellar steps with the cat making it to the top in just two bounds. However, Dum-Dawg was fighting for every step. He was down on his chest, tail between his legs, trying to pull himself up to the next step; leaving toe-nail marks in the carpet, whining like I used to do when I had Frankenstein nightmares. And I was hot on his tail! They both knew The Man was mad! Really mad!

Two milliseconds after Dum-Dawg cleared the top step the upstairs turned into what sounded like a small train wreck punctuated with a scream. When I entered the dining room my wife was hanging onto the kitchen table cloth; part of the supper dishes were on the floor and she was ashen faced. The four-year old was in his booster chair and his mouth was hanging open and his eyes were big as quarters. My daughter was in the fetal position on the living room couch laughing so hard she wasn't making any sound.

The first words my wife said was, "ARE YOU HAPPY NOW? Just look at this place!" Since my dad taught me to read sign in the woods when I was young it was quite obvious what happened. I turned to her and said, "What?"

It came to mind about then my dad never taught me when to keep my mouth shut. She was now steady on her feet, the color had returned to her face--- a lot of color--- the veins in her neck now looked like very large purple ropes and the pupils of her eyes had all but disappeared.

In a voice that pegged my internal S-meter she said, "Your rendition of a mortally wounded elephant scared me half to death. When the cat ran across my foot I thought it was a big rat. I jerked my foot up and about that time Dum-Dawg took my other leg out from under me! I had to grab the table to keep from falling. The cat went down the hall but Dum-Dawg hit the throw rug which caused him and the rug to slide across the living room into the chair, which then swung around knocking over the floor lamp into the drapes." The lamp shade was on the floor and one end of the drapery rod was hanging down at a precarious angle. "And you ask what"? I never did understand why women think a disaster makes a man happy! Dad never explained that one to me either. And all of this just because I wanted to organize my magazines!

I finally got the living room straightened up. The drapery rod bracket was once again anchored into the wall and the toe-nail marks were buffed out of the hardwood floor. Of course supper was much later than usual.

Kitty-kitty and Dum-Dawg were now out from under the bed and hoping for scraps from the table. Kitty-kitty looked as if nothing had happened but Dum-Dawg still couldn't make eye contact.

My wife was quiet but still had some of that "I'm upset" color in her cheeks. . My son was in deep thought which seldom is a good sign. My daughter was quietly eating with her face toward her plate and I could see the effort she was putting into not going into hysterical laughter again.

There was peace once again in the house. That is until my four year old son looked at me and said, "Dad, what's a dirty rotten &*\$@!\$^* ?"

HAM NATION IS THE NEW THIS WEEK IN TECHNOLOGY SHOW ABOUT HAM RADIO. BOB HEIL K9EID, WITH VARIOUS CO-HOSTS AND GUESTS WILL COVER THE EXCITEMENT AND IMPORTANCE OF HAM RADIO - FROM TOSSING AN ANTENNA WIRE IN A TREE ALLOWING YOU TO TALK TO THE WORLD, TO THE IMPORTANCE OF HAM RADIO OPERATORS IN TIME OF DISASTERS. HAM NATION AIRS LIVE EACH TUESDAY AT 6:00 PT/ 9:00ET [HTTP://WWW.TWIT.TV/HN](http://www.twit.tv/hn)

The Japanese Ministry of Internal Affairs has decided to scrap Morse telegraph testing for the Amateur Radio Class 1 and 2 licenses with effect from October 1, 2011.

A public consultation on the Morse test was held earlier in the year to which 39 people responded. Following the consultation the Ministry announced that Morse telegraphy testing would be discontinued.

Japan pioneered the HF No-Code Amateur Radio license (Class 4) in the 1950's although they still required Morse for the higher license classes. The written exam for the Class 4 is roughly equivalent to the Foundation exam in the United Kingdom and Australia and the discontinued USA Novice.

Read the Ministry of Internal Affairs announcement in Google English at <http://tinyurl.com/3s4bljx>

JARL Newsletter in Google English <http://tinyurl.com/43mxycc> JARL <http://tinyurl.com/JapanJARL>



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Original 13 Colonies 2011 Special Event

Bob Josuweit WA3PZO, Trustee, WM3PEN, for the Holmesburg ARC

Amateur radio stations operating from the 13 original U.S. colonies will be joined by members of the Holmesburg Amateur Radio Club to celebrate Independence Day from the city where independence was declared, Philadelphia, PA.

The theme for the 2011 event is the Declaration of Independence. Each of the original 13 colonies will be represented by a special event station using a 1x1 callsign, K2A - K2M. The Holmesburg Amateur Radio Club will operate the Club call, WM3PEN, as a special event station and will offer a special QSL card featuring Independence Hall, where the Declaration of Independence was signed. In all you can collect 14 QSL cards during the 5 day event.

The 13 Colony Special Event will be offering a special certificate with the Declaration of Independence on it. For further information on the 13 colony certificate look up the The U.S. Original 13 Colonies Group at <http://www.13colonies.info>. When you work WM3PEN make a note on the 13 colony log sheet and you will get a "Liberty Bell" endorsement with the WM3PEN call place on the certificate. The Pennsylvania Assembly ordered the Liberty Bell in 1751 to commemorate the 50-year anniversary of William Penn's 1701 Charter of Privileges, Pennsylvania's original Constitution.

When you work WM3PEN send an SASE, IRC, or Green Stamp (\$1) with your QSL to WM3PEN. Use the address for WM3PEN at QRZ.COM. SWLs may send a confirmation of reception to request a QSL card. Simply indicate the stations making contact with WM3PEN, time, frequency, and your receiving equipment. SWL stations should follow the same mailing instructions. Collect all "13" for a set. All Colony States have real nice special event QSL cards in full color, depicting their state flag or other Colonial period designs promoting their Colony State! This is a must have collection! The only way you can acquire a "set" is to complete a "Clean Sweep" of all Colony stations during the 5 day event.

WM3PEN, along with the other stations participating in the 13 Colonies Event will be operating on 10 - 80 Meters, but will not be operating on the WARC bands. WM3PEN is planning on operating on 2 Meter Simplex. Using K2M and representing Pennsylvania will be WX3A in Hamlin and N2MZZ in Stroudsburg.

Times will be: 12:01 AM Eastern on July 1st to 11:59 PM Eastern on July 5th. Join in the fun and be Radio active. Hope to see you on the air.

For further information on the WM3PEN operation, check out the Club website at www.harcnet.org or contact wm3pen@arrl.net.



The WASHRag

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www.n3sh.org
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www.washrag.info

