



Bergen Amateur Radio Association

BARA Bulletin

February 2017

Volume 54 Number 2

Our 54th Year

www.BARA.ORG

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BARA Dues

Time to pay your 2017 BARA dues.

Dues are \$25 for an individual membership.

Submit to David, K2DSL at a business meeting or mail to him.

Make check payable to BARA and write your call on the memo line.



BARA Annual Auction

****DATE CHANGE****

Sunday, March 12

At

Westwood High School
Cafeteria

Doors open for Sellers and
buyers at 12 noon.

Auction starts at 1:00 pm

Refreshments available

KJI Electronics will be there

No admission fee

Auctioneer: Pete, W2HP

Come and enjoy "Pete's Pat-
ter" about the items being sold.
Bring something to sell and of
course, buy something you
"need".

A list of jobs that need member
help will be circulated at the next
meeting.

President's Message

Hi everyone,

The BARA Auction that was
scheduled for March 5th has been
moved to Sunday, March 12th.
This was caused by the school
scheduling an event in the Cafete-
ria on the same day.

We have notified all of the usual
sources but if someone asks you
please let them know that it is the
12th.

This leaves Sunday, March 5th
open for a club meeting, and since
the Foxhunt is scheduled for Sun-
day, April 23rd K2AMI and K2ZO
will do a presentation on Fox hunt-
ing at the March 5th meeting.

We have scheduled Saturday, May
13th and Saturday, September 23rd
as a joint portable day with the
Fair Lawn Club, please mark your
calendar. I hope to see a lot of the
members at portable day. It's good
practice for Field Day.

73,
Jim, K2ZO

February Meeting Program

Noise and interference in the home
and neighborhood by Chuck,
KC2SST and Gordon, W2TTT.

PUBLIC SERVICE**BC RACES NET**

2nd and 4th Wednesdays of each month.
 7:45 PM on the W2AKR Repeater
 146.790 MHz; PL 141.3 Hz.
 Net control is NJ2BC
 Directed training net for all authorized
 Bergen County RACES stations and
 authorized liaison stations.

BC RACES**Communications Unit**

Any licensed ham operator in Bergen County, if not already a member, is asked to join the BCRACES team by sending an e-mail to:

bcraces@bcoem.org

with your name, callsign, e-mail, and municipality.

New HF Digital Net**Focused on EMCOMM**

The New Jersey Narrow Band Emergency Messaging System (NJ-NBEMS) Net meets every Sunday Morning at 9:30 AM on 7.073 MHz using OLIVIA-8-500. This net is NOT affiliated with RACES or ARES, so any Radio Amateur with appropriate operating privileges may participate.

FLDIGI is the preferred sound card software because FLAMP and FLMSG are used for message handling. This is a training net for new users, so operator error is expected and well tolerated.

For additional information contact Bill, KC2VUT at arrl.net, Rick, N2PHI at comcast.net or Karl, W2KBF at arrl.net.

VE EXAM SCHEDULE

The next Ham License test session is scheduled for:

February 17

at

**Township of Washington
Senior Center**

7 pm

The FCC has imposed a Testing fee of \$15.00 per exam/retest.

Required documents:

- Two forms of ID required for all transactions.
- Social Security Number if unlicensed or **FRN** Number if licensed.
- Original CSCE if prior test credit is claimed.
- If license upgrade, a signed copy of current FCC license

Calculators are permitted, iPhones and iPads are not permitted.

Questions may be directed to:

Don Younger, W2JEK
 201-265-6583

Question Pool Revision:

The Extra exam question pool was revised on July 1, 2016.

Current Question Pool:

Technician, Element 2-July 1, 2014
 General, Element 3 - July 1, 2015
 Extra, Element 4 - July 1, 2016

Practice tests and study guides available at QRZ.COM.

www.qrz.com/hamtest

Link of the Month

Video of tower being lowered at 2009 BARA VHF contest.

https://www.youtube.com/watch?v=_Ps-Sjeiulc

Tnx to K2AMI

K2BAR NETS**SSB Net:**

Mondays 9:00 pm

10 Meters – 28.375 MHz

Net Control: Jim, K2ZO

FM Nets:

Wednesdays 9:00 pm

2 Meters: 146.79 MHz.

PL 141.3

Net Control: Dan, WA2CLP

Thursdays 8:30 pm

70 cm: 444.100

PL 141.3

Net Control: Marco, KC2ZMA

Thursdays 9:00 pm

Technical Net

Pearl River

NJ2BS Repeater

2 Meters: 146.835 MHz. (-600 kHz)

PL 151.4

Net Control: Gordon, W2TTT

BARA Meeting Minutes January, 2017

Meeting called to order at 7:30 PM

Minutes from Nov. 2016 meeting approved (Bill WA2JKY, Josephine WB2EKV)

Executive Board / Committee Reports:

Treasurer report given by David K2DSL. Presented 2016 end-of-year balance. Budget for 2017 will be presented at next business meeting

Net Reports given by Jim K2ZO for 10-Meter, Dan WA2CLP for 2-Meter, and Gordon W2TTT for the Tech Net. Reminder that Tech Net is on Thursdays at 9 PM on 146.835 (no PL should be required, but it is 151.4).

NEW BUSINESS:

The BARA Holiday Dinner will be December 3rd.

Brief discussion of last year's holiday dinner - no complaints presented. This year's dinner will be back at the Crow's nest and a deposit will be given.

BCFMA Meeting is FEB 19 at 7:00 PM at the Senior Center. See Jim Z. KC2VRY to pay dues or bring check to the meeting.

BARA will donate \$150 to BCFMA. Motion made by Bruce WG2Y, seconded by Larry WA2ALY, motion passed.

The BARA Auction is MAR 5.

Note: Changed to MAR 12

We will only auction radio & computer equipment. Volunteers are needed, especially to sell food. Sign-up sheets will be at the next

meeting.

Fox Hunts dates are Apr. 23 and Oct. 15.

Controller (fox) to be built by BARA as a kit night project. Controller will be bought by BARA, other parts donated by K2AMI and W2TTT.

Discussion of possible conflict with CROP walk in October.

Additional dates announced:

Next License Test Session -

Jan. 20 at Senior Center.

Next BARA Business Meeting

- Feb. 12

Portable Days - May 13, Sept. 23 with Fair Lawn.

Hamfest - May 27 and Oct. 7

VHF Contest (JUNE).

Tony K2AMI reported on the cost rules for a permit at the NIKE site in NY and how he is negotiating for a lower fee. Brief discussion about how the cost of permits for all parks have been increasing.

Jim K2ZO led a discussion about the club needing a **new amp and wireless mic** system. Jim has been providing the sound system for events in town in the name of BARA, and we need one that has more power and is portable. Chuck KC2SST and Rich KD2MBX will research and make recommendation.

Presentation: Arduino for Ham Radio – Chris W2CAM

Meeting closed 9:05 PM



Help Needed for a BARA Facebook Page

Some members have suggested that BARA have a presence on Facebook.

If you can help by creating a Facebook Page and maintaining it, please let any member of the Executive Board know.

Your assistance is appreciated.



Government Offices in Washington, DC closed because of a recent heavy snow, yet this Tomb Of The Unknown Sentinel continued to stand guard with honor and without complaint! God Bless Our Heroes!

BARA BULLETIN

The BARA Bulletin is published monthly by the Bergen Amateur Radio Association. Subscriptions are included in the annual membership dues. Membership is open to anyone interested in radio communication.

BARA RESOURCES

QSL Bureau:

Warren Hager, K2UFM

Public Service:

Club Contesting:

Phil Barber, WA2LXE

VE Exams:

Don Younger, W2JEK

Donnan917'at'aol.com

Hamfests:

Jim Joyce, K2ZO

Webmasters:

wm'at'bara.org

Tony Izzo, K2AMI

David Levine, K2DSL

MEMBERSHIP APPLICATION

Interested in learning more about amateur radio and meeting new people? Then join the Bergen Amateur Radio Association (BARA). Dues are \$25 per year. Send your application request to:

David Levine, K2DSL

11 Mackay Ave.

Waldwick, NJ 07463

e-mail to k2dsl'at'arrl.net.

Please include your name, address, town, zip, call sign, license class, and phone number.

Upcoming Events

Feb 12 - BARA Business Meeting

Feb 14 - Kit Night

Feb 17 - FCC License Exam Session

Feb 17-19 - ARRL Int'l DX Contest - CW

Feb 19 - BCFMA Annual Meeting

Feb 21 - Kit Night

Feb 24-25 - CQ 160 Meter Contest - SSB

Feb 25-26 - North American QSO Party - RTTY

Feb 28 - Kit Night

Mar 3-5 - ARRL DX Contest - SSB

Mar 5 - BARA Business Meeting

Mar 7 - Kit Night

Mar 12 - Daylight Savings Time Starts

Mar 12 - BARA Auction

Mar 17-19 - BARTG HF RTTY Contest

BARA KIT NIGHT

7:00 PM to 9:30 PM

Township of Washington Senior Center
350 Hudson Ave., Township of Washington, 07676

- ◆ Build a kit related to Amateur Radio (partial BARA funding available)
- ◆ Diagnose/repair a defective piece of equipment
- ◆ Discuss radio and computer problems
- ◆ Technical assistance available
- ◆ Seek/give technical opinions

Welcome New Member;

Hayes Hood N3XLX - Pittston, PA

My “Worked All States” Love Affair

By Urb LeJeune W1UL

[Ed. Note: This is continuation of the article in the February *BARA Bulletin*.]

3905 Century Club

The 3905 Century Club is an international amateur radio club founded during February 1977 and is one of the premier Worked All States, DX and awards nets on our amateur bands. The purpose of the 3905 Century Club is providing all amateurs—foreign and domestic—interested in WAS, or other awards with organized nets populated with like-minded amateurs for making the necessary contacts and receiving the necessary QSLs.

3905 Century Club Net Schedule

Last Schedule Update: 12-Dec-2016

UTC		LOCAL (UTC-5)		This is the Standard Time Schedule			
				THE “LOCAL” TIME/DAY SHOWN IS BASED ON YOUR COMPUTER’S TIME ZONE SETTING			
Time	Day	Time	Day	Freq	Net	Coord	Remarks (UTC)
SSB Nets							
01:00	Daily	8:00 pm	Daily	7.2675	40m Early	W5DMT	DO NOT interfere with the YLISSB net, which runs before our net! Alt Freq: 7.243
03:00	Daily	10:00 pm	Daily	3.902	75m Early	WA9DIY	Alt Freq: 3.898
03:00	Daily	10:00 pm	Daily	1.926	160m Early	W9ROG	Alt Freq: 1.933
05:00	Daily	12:00 am	Daily	7.188	40m Late	N5MIG	Alt Freqs: 7.178, 7.208
06:00	Daily	1:00 am	Daily	3.902	75m Late	KG4ZOD	Alt Freqs: 3.897, 3.895
07:30	Sat	2:30 am	Sat	1.926	160m Late	WG0I	Net Restarted Sat Nov 12 @ 07:30Z
11:00	Sun	6:00 am	Sun	1.926	160m Late Late	WG0I	Net Restarted Sun Nov 13 @ 11:00Z
CW Nets							
04:00	Sat	11:00 pm	Fri	7.045	40m Late	WN1F	Slow Speed
21:00	Sun	4:00 pm	Sun	14.053	20m	WN1F	
04:00	Mon	11:00 pm	Sun	3.5475	80m Late	AC7XF	Slow Speed
03:00	Tue	10:00 pm	Mon	7.045	40m Early	WN1F	
03:00	Fri	10:00 pm	Thu	3.5475	80m Early	AC7XF	Slow Speed
04:00	Fri	11:00 pm	Thu	1.818	160m Early	K9EA	2nd & 4th Friday

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The 3905 Century Club Digital Net Schedule

PSK Nets (USB, approx 1500 Hz Offset - see helpful hints below)							
19:00	Sat	2:00 pm	Sat	14.0680	20m	WN1F	The Christmas Eve day net (Dec 24 UTC) will move to Mon Dec 26 UTC The New Year Eve day net (Dec 31 UTC) will move to Mon Jan 2 UTC
03:00	Wed	10:00 pm	Tue	7.070	40m	AD5XD	1st & 3rd Wednesday
04:00	Thu	11:00 pm	Wed	3.572	80m	AD5XD	1st & 3rd Thursday
RTTY Nets (LSB, approx 2125 Hz Mark Tone - see helpful hints below)							
21:00	Sat	4:00 pm	Sat	14.084	20m	WN1F	The Christmas Eve day net (Dec 24 UTC) will move to Mon Dec 26 UTC The New Year Eve day net (Dec 31 UTC) will move to Mon Jan 2 UTC
03:00	Wed	10:00 pm	Tue	7.084	40m	AD5XD	2nd & 4th Wednesday
04:00	Thu	11:00 pm	Wed	3.586	80m	AD5XD	2nd & 4th Thursday

Net Listing

The W1YZ HF Net Listing has pertinent information on over 160 active nets. The URL is

http://www.n1yz.com/HFNET_LIST.HTM

Real Time Sked Page

No compendium of WAS resources would be complete without a mentioning the K3UK real time sked pages at <http://www.obriensweb.com/sked/index.php?board=skcc>

Andy has several “boards” including SKCC, Log Book of the World, and digital to name a few. If you operate CW, even at very slow speed, the SKCC board is a must.

The K3UK webpage is comprised of four frames. The right side shows the calls of people currently logged onto the system. Run you mouse over a specific call for additions information. The right frame also shows available boards and a listing of states and countries of the current logged in people.

The top frame has information pertinent to the currently accessed board. The bottom frame is where you enter a text message to communicate with a logged in user, as an example, “w1ul could you meet me on 7050?”

The left center frame is a listing of previous posts.

Just watch the action of the page for a few minutes and you’ll get the flow of information.

You establish an account (it’s free) only one time and on subsequent logins your call appears on the right frame.

Andy’s sked page is proactive while nets are reactive. Try it, you’ll like it.

Epilogue

Well, there you have it, an introduction to the lore of chasing a WAS certificate, including some of the available derivative certificates. If you have never set a ham radio goal for yourself, try it and experience the thrill of completing a difficult goal. Completing one ham radio challenge may give you the confidence to try increasingly difficult goals in

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other areas of your life, who knows where that could lead?

73 and good luck,
Urb W1UL urb@w1ul.com

When not writing articles or looking for new bridges to cross and mountains to climb, Urb can be found working on his free ham radio license preparation website, <http://ham-cram.com>. It's the quickest path to a license or upgrade.

[Ed. Thanks to Urb for sharing this informative article with us.]

From the ARRL ...

Another Outstanding Year for Amateur Radio Licensing!

Last year -- 2016 -- was another outstanding one for Amateur Radio licensing, says ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM.

"New Amateur Radio licenses issued were up by 1% over 2015, and this is the third year in a row that the total number of new licenses has exceeded 30,000," Somma reported. She said 32,552 were granted in 2016, 32,077 in 2015, and 33,241 in 2014.

The overall trend continues to be up, up, up! The total number of US Amateur Radio licensees has continued to grow each year since the FCC eliminated the Morse code exam requirement in 2007. Over the past decade, the net number of Amateur Radio licensees has risen by nearly 87,000, according to statistics compiled by ARRL Pacific Section Manager Joe Speroni, AH0A.

As of December 31, 2016, the total number of licensees in the FCC database was 742,787, topping the 2015 total of 735,405, but down just slightly from the all-time high of 743,003 reached last November.

As of December 31, according to figures compiled by Speroni, there were 143,337 Amateur Extra licensees, 45,071 Advanced licensees, 172,807 General licensees, 371,560 Technician licensees, and 10,012 Novice licensees.

Memories



When you enter the FCC office in New York City, you will be greeted by Charles Finkelman, radio license examiner, himself W2UHS. Tnx to WB2GAI

“Mad Dog” Mattis

When asked about what he thinks about General Mattis being confirmed for Secretary of Defense, Rob O'Neill (the man who killed Bin Laden) said “General Mattis has a bear rug in his home; but it's not dead, it's just afraid to move”.

Tnx to K2ZO

MEMBER REPORTED CONTEST SCORES SUBMITTED FOR AGGREGATE CLUB SCORE

North American QSO Party (NAQP) - CW

	Power	QSOs	Mults	Score
WA2ALY	Low	49	-	1,104

January VHF Contest

	Power	QSOs	Points	Grids	Score
K2BAR*	High	228	297	35	10,395
W2JEK	Low	40	41	9	369

*K2BAR operated as a Limited Multiop with operators K2AMI, WI2W, KO2OK and W2SE from K2AMI QTH.

CQ 160 Meter Contest - CW

	Power	QSOs	Points	Mults	Score
WA2ALY	Low	188	-	-	17,384
W2JEK	QRP	102	234	27	6,318



K2AMI operating his VHF "Superstation".

DX Insights

MELLISH REEF, VK9M

#30 on the DXCC MOST WANTED LIST

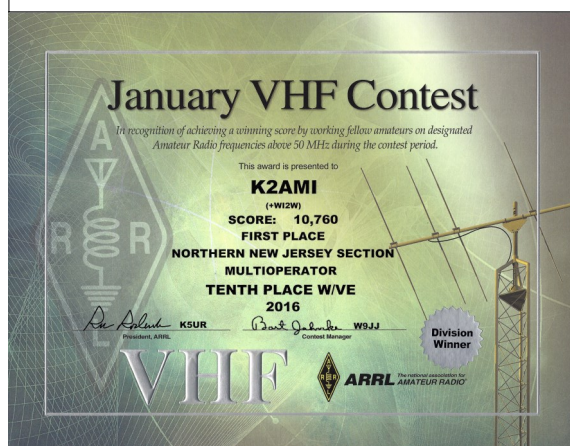
Mellish Reef is a coral reef located in the Coral Sea, a possession of Australia and the most distant reef or atoll from the Australian main land. It has a boomerang shape around 6.21 mi. long by 1.86 mi. across. Most of the reef is completely submerged at high tide. Thousands of sea birds and hermit crabs make the reef home.

Over the years several DXpeditions have taken place with the last one by VK9MT in March and April 2014. One of the operators on the team was Les, W2LK, who was co leader and has given several presentations of his DXpeditions to BARA one of which was Mellish Reef. VK9MT was selected as DXpedition of the year which was presented by DX WORLD.NET and the Northern California DX Club.

That's it for this month keep checking DX World.net for all current DX news. See you on the bands.

73 and Good Hunting,
Harry, W2FT

Congratulations to K2AMI and WI2W for First Place in the Hudson Division and NNJ Section in the Limited Multioperator class of the January 2016 ARRL VHF Contest.



Next Business Meeting
Sunday, February, 12th
at the
Twp. Of Washington
Senior Center

President

Jim Joyce, K2ZO
K2ZO 'at' ARRL.NET

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K2AMI 'at' ARRL.NET

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WA2ZZ 'at' ARRL.NET

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Dominick Interdonato, NB2F - SK
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