

The Pen Bay Amateur Radio Club, Incorporated
Lenfest Mountain Radio Group
Post Office Box 255
Washington ME 04574-0255
 “Serving mid-coast Maine since 1986”

The next meeting will be on Saturday, 11 October 2014. The meeting will be held in the EMA Office, 301 Park Street, Rockland (near Sheppards Self Storage). The Knox County RACES/CERT meets at 10AM and PenBay ARC meets at 11AM. Coffee, etc. will be available after the meeting.

The following tentative agenda is listed as a guide for the orderly discussion of Club business that needs attention at the PenBay ARC meeting.

TENTATIVE AGENDA:

1. Reading (see attached), correction and approval of the minutes of the last Board Meeting.
 - A. Reading of Club Correspondence - KC1AKT
 - B. Treasurers' report (see attached) and any bills requiring pre-approval – KC1CG
2. Committee reports
3. Old business.
4. New business.
6. Set date for the next meeting.

Respectfully Yours,
 KB1DBL, PBARC President



Pen Bay ARC Treasury Activity from 08/31/14 to 09/30/14 PAGE 1 OF 1

SAVINGS :				
+	804.69	s 07/31/14 BALF	Bal. fwd- SVGS	
****	SAVINGS	ACCOUNT BAL.	A/O 09/30/14	-----\$ 804.69
CHECKING:				
+	364.02	c 08/31/14 BALF	Bal. fwd- CHKG	
+	20.00	c 09/15/14 DUES	KA1AGG Full 09/15	
+	20.00	c 09/15/14 DUES	KC1AKV Full 09/15	
+	15.00	c 09/15/14 RAFL	Cash Rc'd at 09/13 Meet via KC1CG # 4595	
-	320.00	c 09/12/13 INSUR	1058* Liability Pol RGL-7243158-05 to 10/15	
-	15.36	c 09/15/14 PSHAR	1059* CA Inv #207- MemLetts + Sep BdLet	
-	20.00	c 09/30/14 PSHAR	1060* LMRG Share Thru 09/30/14	
-	51.00	c 09/30/14 PSHAR	1060* Patch Fee Thru Sep 2014	
****	CHECKING	ACCOUNT BAL.	A/O 09/30/14	-----\$ 12.66
****	SAVINGS	ACCOUNT BAL.	A/O 09/30/14	-----\$ 804.69 .
TOTAL				\$ 817.35

PB MEMS

PFX	SFX	USERNUM	FNAME	LNAME	PHONE NUMBER	PBEXDAT
AB1	I R	514	Erwin K.	Lohner	908 392-6303	11/30/14
K 1	BEA	53	Kenneth L.	Orne	207 785-4203	11/30/14
K 1	NYV	520	Richard	Glidden	207 832-5592	5/31/15
K 1	PQV	349	Sidney L.	Cheney	n/a	
KA1	AGG	546	Lawrence S.	Dearborn	207 354-8213	9/30/15
KA1	E J	49	Karl W.	Niemi	207 354-2250	3/31/15
KA1	YBJ	525	Douglas P.	Perry	207 872-6369	3/31/15
KA1	YXP	5	Andrew L.	Rowe Jr.	207 785-4380	3/31/14
KB1	CLJ	302	Paul	Klainer	207 594-2913	7/31/15
KB1	DBL	521	Michael	Courtenay	207 273-3781	2/28/15
KB1	DSW	306	Scott J.	Ewen	207 354-6809	10/31/17
KB1	IOJ	363	Jason	Philbrook	207 594-8277	11/30/13
KB1	KSM	387	Jonathan T.	Grout	207 354-2698	7/31/14
KB1	LCG	390	Norman	Meyer	207 273-3305	9/30/14
KB1	LIB	394	Millie	Orne	207 785-4203	11/30/14
KB1	TCE	522	Stephen P.	Hansen	207 594-4597	2/28/15
KB1	TCG	523	Nancy A.	Douglas	207 677-2960	8/31/14
KB1	TGB	524	Charles B.	Fleming	207 354-2063	8/31/14
KB1	URB	526	Thomas S.	Ames	207 594-2251	9/30/15
KB1	UTD	527	Michael O.	Coulombe	n/a	9/30/15
KB1	VQG	533	D. Frederick	Blake	207 354-0425	7/31/15
KB1	ZIC	538	Edward T.	Girvin	207 734-8130	2/28/14
KB1	ZUN	537	Eric R.	Greiner	n/a	11/30/14
KB2	C C	536	Timothy E.	Packey	207 549-3780	6/30/14
KC1	AKT	539	James P.	Blier	207 832-9963	8/31/16
KC1	AKV	547	Robert M.	Brooks	207 589-4458	9/30/15
KC1	BBG	544	Kevin A.	Haj	207 594-2844	6/30/15
KC1	BUK	545	Erick G.	Walton	n/a	8/31/15
KC1	C G	1	Edward C.	Rotch	207 845-2536	12/31/14
KC1	CCD	542	Matthew L.	Perry	n/a	6/30/15
KC1	CCE	543	Peter P.	Perry	n/a	6/30/15
N 1	HPU	329	Benjamin J.	Benedetti	n/a	12/31/15
N 1	OLX	264	David E.	Hungerford II	207 832-6298	9/30/14
N 1	XDH	540	Robert W.	Powell	207 354-0404	3/31/16
N 4	C W	346	Bertrand R.	Michaud	207 372-0604	5/31/14
NY1	B..	230	Norman R.	Smith Sr.	207 354-6853	11/30/14
W 1	CDE	519	Daniel	Remian	207 354-0714	3/31/16
W 1	DAL	392	David A.	Lawrence	207 832-4421	7/31/16
W 1	GLP	505	Gene L.	Piken	207 593-9035	4/30/14
W 1	MAE	534	Michael	Ellis	207 465-7013	4/30/15
W 1	OWL	541	David W.	Darnell	207 594-2871	4/30/15
W 1	Q S	532	John	Lawrence	207 615-2824	7/31/14
WA1	SAZ	295	Nathan D.	Marvin	n/a	1/31/15
WA4	GSB	530	Ray O.	Sisk	207 785-2911	2/28/15
WB2	QQV	293	Steve	Masone	207 236-0935	11/30/14
WJ1	C..	280	John D.	Carr USMC (Ret.)	207 338-2542	11/30/14
WZ1	J..	2	Stephen A.	Hanks	207 725-5155	
47	MEMS		LIST DATED:	10/3/14	RED= PLEASE	RENEW ^^

**Knox County, Maine - RACES/CERT
Meeting Minutes
Saturday, September 13, 2014**

The Saturday, September 13, 2014 meeting of Knox County, Maine – RACES/CERT was held at the Knox County EMA building in Rockland, Maine.

The meeting was called to order by Scott (KB1DSW) at 10:04 AM.

Members in attendance were Bob Brooks (KC1AKV), Chuck Fleming (KB1TGB), Ed Rotch (KC1CG), Eric Greiner (KB1ZUN), Gene Piken (W1GLP), Jim Blier (KC1AKT), John Lawrence (W1QS), Nate Marvin (WA1SAZ), Norm Smith (NY1B), Ray Sisk (WA4GSB), Scott Ewen (KB1DSW) and Steve Hansen (KB1TCE).

Ray (WA4GSB) lead discussion on integrating ARES into Knox RACES/CERT and the need for a related By-Laws change which may be voted on at the October 11, 2014 meeting. Proposed changes will be emailed to all members before the next meeting and made available upon request in a hard copy printed format.

Scott (KB1DSW) made a motion to change the club's name from Knox RACES/CERT to Knox ARES/RACES CERT. Scott's motion was seconded by Norm (NY1B) and was passed. The final vote on the change in club name will be at the next meeting scheduled for Saturday, October 11, 2014 at 10 AM, as provided for in the By-Laws.

Ray (WA4GSB) briefed the membership on two upcoming inexpensive local opportunities for them to learn First Aid and CPR in a course being sponsored by Rockland District Nursing Association (RDNA) and being presented by the American Heart Association (AHA) for the cost of only \$30/person. The course is being offered twice in September, 2014: in Thomaston on Saturday morning, September 27th, 2014 (also our VEC Exam day) and in Owl's Head on Sunday afternoon, September 28th, 2014.

The Town Radio Project was discussed.

Ray discussed an event in the planning for 2015 involving a base camp at Stonington at the municipal airport and the Isle au Haut.

Ray Sisk (WA4GSB) opened the floor for Officer Election Nominations.

Steve Hansen (KB1TCE) made a motion to nominate Michael Courtenay (KB1DBL) for the position of Team Leader. Steve's nomination was seconded by Ray Sisk (WA4GSB). There were no other nominations for the position of Team Leader. Michael Courtenay (KB1DBL) was unanimously elected as Team Leader by all members present.

Norm Smith (NY1B) made a motion to nominate Ed Rotch (KC1CG) for the position of Team Secretary with Jim Blier (KC1AKT) serving as Assistant to the Team Secretary. Norm's nomination was seconded by Ray Sisk (WA4GSB). There were no other nominations for either the position of Team Secretary or Assistant to the Team Secretary. Ed Rotch (KC1CG) was unanimously elected as Team Secretary with Jim Blier (KC1AKT) serving as Assistant to the Team Secretary by all members present.

The next meeting of Knox County, Maine - RACES/Cert will be held on October 11, 2014 (the usual date – the 2nd Saturday of the month) at the Knox County EMA building (the usual place) beginning at 10 AM (the usual time).

Norm (NY1B) made a motion to adjourn the meeting. Norm's motion was seconded by Ray (WA4GSB). The motion passed and the meeting was adjourned by Ray (WA4GSB) at 10:50 AM.

**Minutes Respectfully Submitted by James Blier (KC1AKT) for
Knox County, Maine - RACES/CERT Team Secretary, Ed Rotch (KC1CG)**

Pen Bay Amateur Radio Club, Inc.
Meeting Minutes
Saturday, September 13, 2014

The Saturday, September, 13, 2014 meeting of Pen Bay Amateur Radio Club, Inc. (Pen Bay ARC, Inc.) was held at the Knox County EMA building in Rockland, Maine.

The meeting was called to order by Mike (KB1DBL) at 11:11 AM.

Members in attendance were Michael Courtenay (KB1DBL), Ray Sisk (WA4GSB), Bob Brooks (KC1AKV), Chuck Fleming (KB1TGB), Ed Rotch (KC1CG), Eric Greiner (KB1ZUN), Gene Piken (W1GLP), Jim Blier (KC1AKT), John Lawrence (W1QS), Matthew Perry (KC1CCD), Nate Marvin (WA1SAZ), Norm Smith (NY1B), Scott Ewen (KB1DSW) and Steve Hansen (KB1TCE).

Norm (NY1B) made a motion to approve the August, 2014 Meeting Minutes as written. Norm's motion was seconded by Steve (KB1TCE) and the motion was passed.

Jim (KC1AKT) read the club correspondence.

Norm (NY1B) read a thank you letter from Nancy Grant, Executive Director of the Bicycle Coalition of Maine, sent to him through the Friendship USPS Post Office thanking the club and its participating members for our help with Ham Radio Support at the Lobster Ride. Norm will be adding this thank you letter to our club archives.

Ed (KC1CG) read his Treasurer's Report. (See Attached)

Ed (KC1CG) presented an invoice for reimbursement for newsletter and membership letter mailing expenses. Norm (NY1B) made a motion to pay Ed (KC1CG) for expenses on this invoice. Norm's motion was seconded by Scott Ewen (KB1DSW) and the motion was passed.

Norm (NY1B) made a motion to approve the Treasurer's Report as read. Norm's motion was seconded by Mike (KB1DBL) and the motion was passed.

Officer Elections:

At Steve's (KB1TCE) suggestion, without objection from any members present, Mike (KB1DBL) moved Meeting Agenda Item 8, Officer Elections, up in the Meeting Agenda and to the floor.

Trustee, Director 2014, Benjamin Benedetti's (N1HPU) term of office is expiring and Ben will not be seeking re-election as Trustee, Director. Ben's replacement will be for the position of Trustee, Director 2017.

Norm Smith (NY1B) thanked the club officers serving over the past year for their service and read and moved to nominate a proposed slate of new officers (who are also the current club officers with the exception of Ben (N1HPU) who is currently holding the position of Trustee, Director 2014) for re-election to their presently held office positions for the coming year, with the election of the Trustee, Director 2017 position being handled separately.

Proposed Officer Slate For Re-Election:

President - KB1DBL, Mike Courtenay (Warren, ME)
Vice President - KB1TCE, Steve Hansen (Owls Head, ME)
Technical VP - KC1CG, Ed Rotch (Washington, ME)
Secretary - KC1AKT, Jim Blier (Waldoboro, ME)
Treasurer - KC1CG, Ed Rotch (Washington, ME)

Eric Greiner (KB1ZUN) seconded Norm's motion of the proposed officer slate for re-election.

Steve Hansen (KB1TCE) moved to amend Norm Smith's (NY1B) motion to nominate the proposed officer slate and to add to the slate, nominating Eric Greiner (KB1ZUN) for the position of Trustee, Director 2017. Steve's amendment was seconded by Ed Rotch (KC1CG) and Steve's motion to amend Norm's motion was passed.

Amended Proposed Officer Slate For Re-Election:

President - KB1DBL, Mike Courtenay (Warren, ME)
Vice President - KB1TCE, Steve Hansen (Owls Head, ME)
Technical VP - KC1CG, Ed Rotch (Washington, ME)
Secretary - KC1AKT, Jim Blier (Waldoboro, ME)
Treasurer - KC1CG, Ed Rotch (Washington, ME)
Trustee, Director 2017 - KB1ZUN, Eric Greiner (Spruce Head, ME)

After calling for other nominations and hearing none, Mike Courtenay (KB1DBL) closed nominations.

Norm's motion to elect the slate of officers presented for nomination, properly read and seconded, and properly amended by Steve Hansen's (KB1TCE) amendment to add Eric Greiner (KB1ZUN) as Trustee, Director 2017 was voted on and was passed by the members present.

Our new club Officers for 2014-2015 will be:

President - KB1DBL, Mike Courtenay (Warren, ME)
Vice President - KB1TCE, Steve Hansen (Owls Head, ME)
Technical VP - KC1CG, Ed Rotch (Washington, ME)
Secretary - KC1AKT, Jim Blier (Waldoboro, ME)
Treasurer - KC1CG, Ed Rotch (Washington, ME)
Trustee, Director 2017 - KB1ZUN, Eric Greiner (Spruce Head, ME)
Trustee, Director 2016 - KB1DSW, Scott Ewen (Cushing, ME)
Trustee, Director 2015 - NY1B, Norm Smith (Friendship, ME)

Norm (NY1B) reported that we may want to change, in the future, our club By-Laws to limit club Board of Directors' Officer's terms of office to two-year-long terms in length with a mandatory maximum limit of serving for two terms.

Discussion of possible By-Laws changes and associated fees in filing any changes were discussed.

Mike (KB1DBL) reported that he may decide to form a By-Laws committee in December which may propose and consider possible club By-Laws changes.

Old Business:

Windsor Hamfest:

Mike (KB1DBL), Dick (K1NYY), Eric (KB1ZUN), Bob (KC1AKV), Alan (K1ADM) and attended the Windsor Hamfest and reported the mood was more relaxed than others in the past. This was Eric's second Hamfest. Matthew and his father who both previously took and passed their Technician exams together both took and passed their General exams at the Windsor Hamfest.

Norm (NY1B) reported that a club member, Bob, was interested in purchasing, for the price of \$50.00, through the making of multiple installment payments on layaway, a used club oscilloscope that had been intended to be offered for sale at a future Hamfest if we could hold it for him until his payments are complete.

Ray (WA4GSB) made a motion for the club to give the used club oscilloscope to Bob and accept any donation Bob was to offer. Ray's motion was seconded by Matt (KC1CCD) and Ray's motion was passed.

The Windsor Hamfest's popularity seems to be growing and the weather at the Hamfest was nice with the rain holding off until after the day's activities ended.

Lighthouse Weekend:

Chuck (KB1TGB), Jose (KB1TCD), Nate (WA1SAZ), and Bob (KC1AKV) attended Lighthouse Weekend at the Pemaquid Lighthouse. DX contacts included contacts in England, New Jersey, Long Island, throughout the Great Lakes region in Canada and also to Fort Collins, Colorado.

Jose used a "Ham Stick" Dipole for 20 meter contacts with excellent results. Jose is in the process of sending out QSL cards for the event.

Committee Reports:

Repeater Committee, Ed (KC1CG) – See Attached

Miscellaneous Brief Reports:

Chimes – Recently had 10 check-ins on five different nights, 11 check-ins on one night, and 6 check-ins on another night.

RACES/CERT – Steve (KB1TCE) and Norm (NY1B) are covered the RACES Net while Mike (KB1DBL) was away. It usually has 4-6 check-ins and runs for about 25 to 30 minutes.

Digital 2M – Check-ins are picking up with about a 6 to 8 count. Phil (N1EP) has been checking in, and some from Waldo County too.

Digital HF – The Digital HF Net has a new frequency of 3583.0 MHz. Two weeks ago, there was one check in from Indiana. This net is averaging about 6 check-ins, and had a usage peek about two weeks ago. Olivia works very well on the net for check-ins and other keyboard to keyboard. Exploring the use of faster modes for file transfers.

Closing Business:

The next meeting of the Pen Bay Amateur Radio Club, Inc. (Pen Bay ARC, Inc.) will be held on Saturday, October 11, 2014 at the Knox County, Maine EMA building beginning at 11 AM, after the adjournment of the Knox County, Maine RACES/CERT meeting.

Steve (KB1TCE) made a motion to adjourn the meeting. Steve's motion was seconded by Jim (KC1AKT). The motion passed (with a noted joking objection by Nate Marvin (WA1SAZ) - who wanted the meeting to continue on forever) and the meeting was adjourned by Mike (KB1DBL) at 12:54 PM.

The monthly meeting's 50/50 raffle was held after the meeting's adjournment.

**Minutes Respectfully Submitted by Pen Bay Amateur Radio Club, Inc.
Club Secretary, James P. Blier (KC1AKT)**

Knox ARES-RACES/CERT Members

To generate a Membership List, I copied all the recipients from Ray's recent e-Mail and flagged them in PenBay ARC's Membership database as Knox ARES-RACES/CERT Members. (There are 17). Our data for Non-PBARC members is limited.

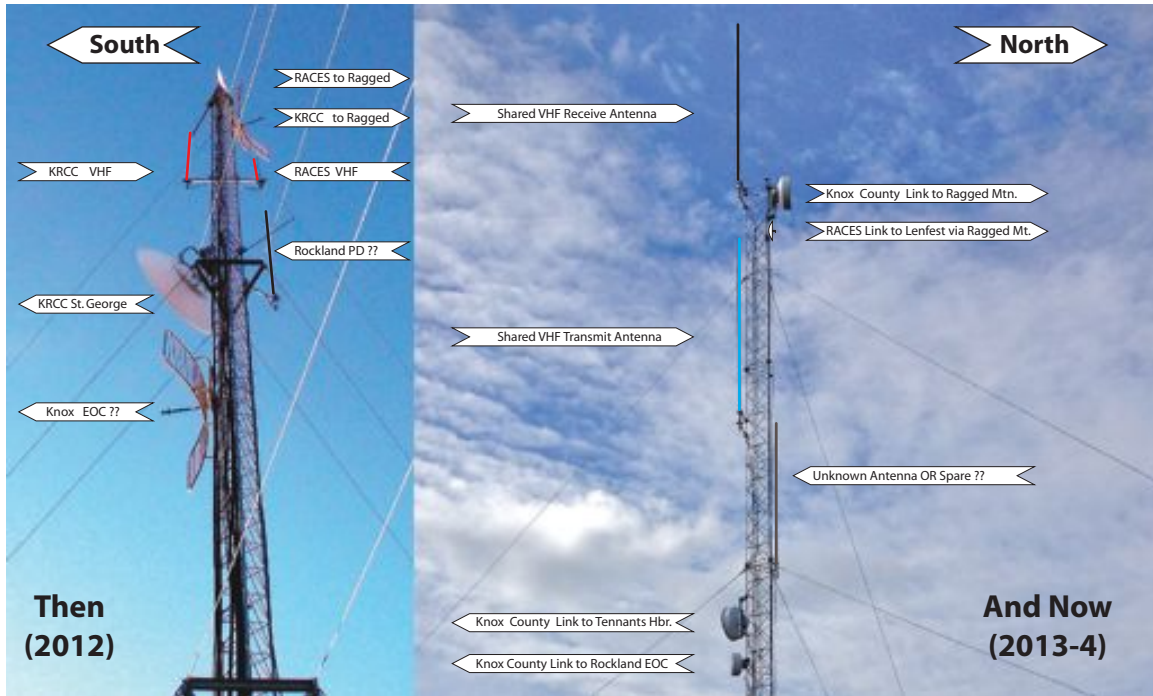
CallSign	E-Mail Address
KB1DBL	michael04864@gmail.com
KB1DSW	maplesugarman@gmail.com
KB1KSM	kb1ksm@gmail.com
KB1TCE	shansen@belljar.net
KB1TGB	flemingchuck10@gmail.com
KB1ZUN	maiasoldman@hotmail.com
KC1AKT	jpgblier@hotmail.com
KC1AKV	bobbrooks220@yahoo.com
KC1C G	talltowers@midcoast.com
KC1CCD	esofmaineinc@yahoo.com
N 1HPU	pepsidetti@gmail.com
NY1B..	ny1bravo@yahoo.com
W 1CDE	n7cd@gwi.net
W 1GLP	genelp@roadrunner.com
W 1Q S	j123law@aol.com
WA1SAZ	diver227@roadrunner.com
KK4VNO	ehansenuga@gmail.com

Tech Committee Report

In Mid-September, RACES 706 TX failed, bringing W1QS and KC1CG to Benner Hill. Our Motorola “Quantar” radios are part radio, part computer. (John thinks a recent thunderstorm caused the computer part to “hang”). Switching the radio’s power off and on a few times restored normal operation.

RACES Simulcast system runs Benner Hill by remote control from Lenfest to minimize service calls. Three visits in 3 years means success! However, When the Cat’s away, the Mice will Play! (See Below).

Benner Hill Tower



Since the Simulcast project began, the County’s Telecom contractor and RACES rarely spoke. This makes it hard to work together even though we both work for the County’s EMCOMM service. We just now learned there was an interference problem between RACES and the Rockland Police Department.

BHT’s old setup (above left) had Rockland PD’s antenna next to RACES, a situation likely to produce intermod if their signal mixes with ours to make a third (unwanted) signal. Concerned about that, we supplied a six-cavity duplexer for RACES. (It has two extra cavities to keep out off-frequency RF). Had the Telecomm contractor realized the potential intermod problem, they could have added 2 band-pass cavities to Rockland PD’s 4-cavity set and avoided a lot of time-consuming testing and a very expensive remedy.

The contractor’s solution was to add two extra ports to BHT’s Multi-Coupler, allowing all the site’s VHF users to share a single antenna system. Unfortunately, that creates a new (and potentially much worse) problem.

W1QS notes RACES’ mission is to back up County EMCOMM. A shared antenna system is a *single point of failure* that disables *all* VHF radio communications from Benner. Although RACES would retain some Camden/Rockland area coverage from Lenfest, local “fill-in” coverage is important (especially for reception). *Benner’s shared antenna reduces our backup abilities at the very moment when they are needed the most.* (However, we do appreciate access to Benner’s highest antenna).

Lenfest’s experience with top-mounted antennas (like BHT’s) in windy places is that they fail prematurely from the constant flexing. Only a mile inland, Benner is especially vulnerable to hurricanes. Consider what I call the *Most Horrid Scenario* (see above right): The top-mounted antenna suffers a catastrophic failure during a storm, breaking near its base but remaining attached to thrash and destroy the nearby microwave links. BHT’s VHF and any VHF linked through Ragged Mountain would be disabled. (I wonder if someone might pay me for dreaming up such Horrid Thoughts?)