

DIRECT CURRENTS

The Official Publication of the Housatonic Amateur Radio Club, Vol XXVII Issue III

FIELD DAY 2022 ISSUE



CLUB MEETING INFORMATION

Our annual formal meeting is held every Winter Field Day, and our informal meeting is held every Summer Field Day. Both meetings are held during set up time prior to the event start. Our next meeting (formal) is currently scheduled for Saturday January 28, 2023. All vaccinated members are urged to attend this meeting and event.

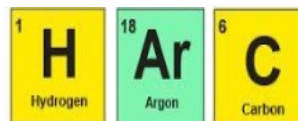
Monthly Zoom video meetings are held the first Monday of every month. No meetings are held during the summer. Our next meeting is in September and is scheduled for Monday September 12, 2022 at 8 pm.

SATURDAY MORNING BREAKFAST

Marilyn NU7T,
Mike KA1OEU, Jeff
KB1LZ, Alex N1AK
and Sam W1SMF
give thumbs up!



Breakfast at Penny's II Fairfield May 28, 2022

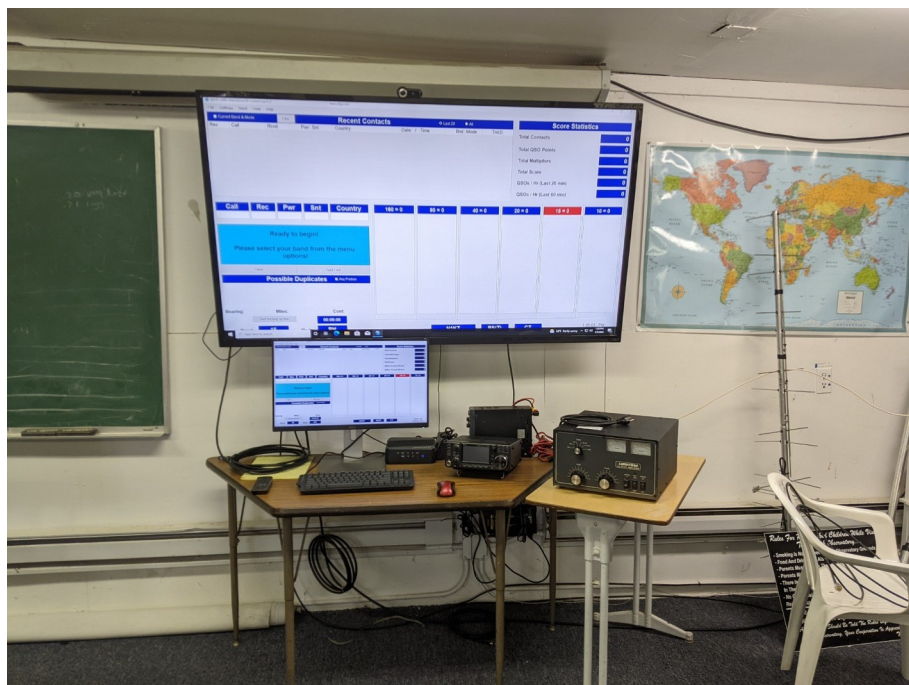


ARRL DX SSB CONTEST MARCH 4-6, 2022

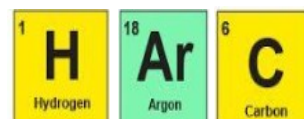
We operated in the ARRL DX SSB contest in March 2022. Operating for us was Marilyn NU7T, David KB1LTW, Jim KC1RBG, Alex N1AK and Gary WE1M.

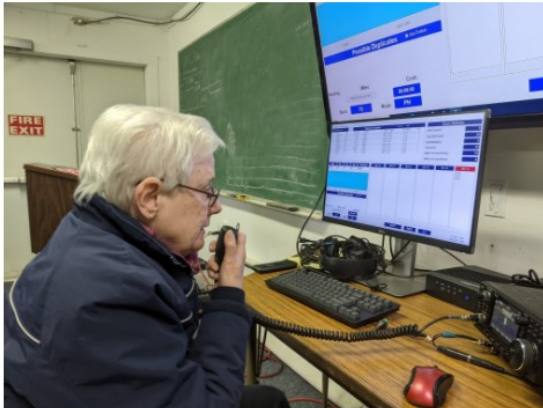


Dave KB1LTW setting up our station



Our Station





Marilyn KB1YYO (now NU7T) making Q's



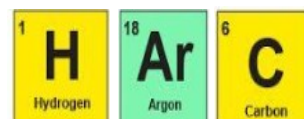
Jim, a student in our Technician class, made his first contact during the contest.



David KB1LTW about to start contacts



Alex N1AK takes a turn at the station



HOW DID WE DO?

Score Statistics

Total Contacts	217
Total QSO Points	651
Total Multipliers	113
Total Score	73,563
QSOs / Hr (Last 20 min)	0
QSOs / Hr (Last 60 min)	0

Band	CW	Phone	Dig	Total	%
80	0	3	0	3	1
40	0	7	0	7	3
20	0	99	0	99	46
15	0	51	0	51	24
10	0	57	0	57	26
Total	0	217	0	217	100

File Settings Band View Help

Current Band & Mode

Find

Recent Contacts

Last 20

All

Rec	Call	Rcvd	Pwr	Snt	Country	Date / Time	Bnd	Mode	TrnID
217	OA4A	59		K 59	Peru	03/06 23:23	20	PH	1
216	NP4WW	59	100	59	Puerto Rico	03/06 23:19	20	PH	1
215	NP2KW	59	100	59	US Virgin Is.	03/06 23:11	20	PH	1
214	HI3Y	59	100	59	Dominican Republic	03/06 22:49	15	PH	1
213	C6ANM	59	100	59	Bahamas	03/06 22:47	15	PH	1
212	CE1TT	59		K 59	Chile	03/06 22:45	15	PH	1
211	LU3DX	59		K 59	Argentina	03/06 22:39	15	PH	1
210	WP2T	59		K 59	US Virgin Is.	03/06 22:28	15	PH	1
209	CV7S	59		K 59	Uruguay	03/06 22:21	15	PH	1
208	LW1D	59		K 59	Argentina	03/06 22:21	15	PH	1
207	CE3WYZ	59		K 59	Chile	03/06 22:13	15	PH	1

Score Statistics

Total Contacts	217
Total QSO Points	651
Total Multipliers	113
Total Score	73,563
QSOs / Hr (Last 20 min)	0
QSOs / Hr (Last 60 min)	0

Call	Rec	Pwr	Snt	Country

Ready to begin!

Please select your band from the menu options!

Clear

Spot Last

Possible Duplicates

Any Portion

Bearing:

Miles:

Cont:

Start tracking op time

00:00:00

160 = 0

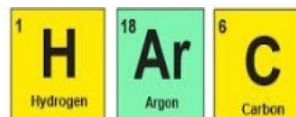
80 = 2

40 = 7

20 = 49

15 = 29

10 = 26



Don't get caught below the KT boundary, rise above with N1KT

Country	Total	%						
-----	---	---						
Brazil	28	13	Slovenia	3	1	Alaska	1	0
Italy	14	6	Turks & Caicos Is.	3	1	Austria	1	0
Puerto Rico	14	6	US Virgin Is.	3	1	Belgium	1	0
Argentina	13	6	Aruba	2	1	Bosnia-Herzegovina	1	0
Chile	10	5	Azores	2	1	Bulgaria	1	0
Dominican Republic	8	4	Bahamas	2	1	Croatia	1	0
Netherlands	7	3	Belize	2	1	Cuba	1	0
Poland	7	3	Bermuda	2	1	French Guiana	1	0
Costa Rica	5	2	England	2	1	Hawaii	1	0
Spain	5	2	Hungary	2	1	Luxembourg	1	0
Canary Is.	4	2	Ireland	2	1	Martinique	1	0
Cayman Is.	4	2	Madeira Is.	2	1	Namibia	1	0
Uruguay	4	2	Peru	2	1	Paraguay	1	0
Antigua & Barbuda	3	1	Sint Maarten	2	1	Portugal	1	0
Bonaire	3	1	St. Lucia	2	1			
Cape Verde	3	1	Switzerland	2	1	Romania	1	0
Colombia	3	1				Scotland	1	0
Curacao	3	1				Serbia	1	0
Czech Republic	3	1				South Africa	1	0
Ecuador	3	1				St. Helena	1	0
Federal Republic of Germany	3	1				Suriname	1	0
France	3	1				Trinidad & Tobago	1	0
Guadeloupe	3	1				Turkey	1	0
Mexico	3	1				Venezuela	1	0
Slovak Republic	3	1						

64 Countries Worked

Countries of Note:
*Guadeloupe
 Madeira Is.
 French Guiana
 Namibia
 South Africa
 St. Helena
 Turkey*

Total = 64

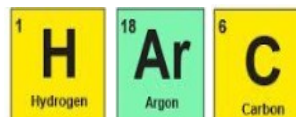
WE ARE
1st in CT in Multi Op,
single Xmt, High
Power based upon logs
submitted.

Must wait for scores to
 see if we beat anyone in
 New England in our
 category

	N1KT	Multoperator, Single Transmitter, High Power	CT	Housatonic Amateur Radio Club	2022-03-07 21:15:16
75					
76	W1MX	Multoperator, Single Transmitter, High Power	EMA	MIT Radio Society - W1MX	2022-03-13 18:11:20
77	W1VPR	Multoperator, Single Transmitter, High Power	EMA	Yankee Clipper Contest Club	2022-03-07 00:03:18
78	WA2JQK	Multoperator, Single Transmitter, High Power	ENY	Hudson Valley Contesters and DXers	2022-03-07 18:07:04
79	AD3C	Multoperator, Single Transmitter, High Power	EPA	Frankford Radio Club	2022-03-07 00:11:09
80	K3ND	Multoperator, Single Transmitter, High Power	EPA	Frankford Radio Club	2022-03-08 16:57:56
81	KQ3F	Multoperator, Single Transmitter, High Power	EPA	Frankford Radio Club	2022-03-08 14:06:41
82	W3MF	Multoperator, Single Transmitter, High Power	EPA	Frankford Radio Club	2022-03-07 00:09:56
83	W0GJ	Multoperator, Single Transmitter, High Power	IA	Minnesota Wireless Assn	2022-03-07 01:53:02
84	KD9V	Multoperator, Single Transmitter, High Power	IN	Society of Midwest Contesters	2022-03-12 01:30:11
85	N4SS	Multoperator, Single Transmitter, High Power	KY	Kentucky Contest Group	2022-03-07 00:07:16
86	K3AU	Multoperator, Single Transmitter, High Power	MDC	Potomac Valley Radio Club	2022-03-07 00:53:22
87	WW4LL	Multoperator, Single Transmitter, High Power	ME	South East Contest Club	2022-03-10 15:24:17
88	K8LX	Multoperator, Single Transmitter, High Power	MI	Bay Area DXers	2022-03-07 14:01:05
89	W0ECC	Multoperator, Single Transmitter, High Power	MO	Mississippi Valley DX/Contest Club	2022-03-06 20:59:23
90	K1RX	Multoperator, Single Transmitter, High Power	NH	Yankee Clipper Contest Club	2022-03-07 00:15:06
91	N1BA	Multoperator, Single Transmitter, High Power	NH	Yankee Clipper Contest Club	2022-03-11 13:40:39

LOGS Submitted

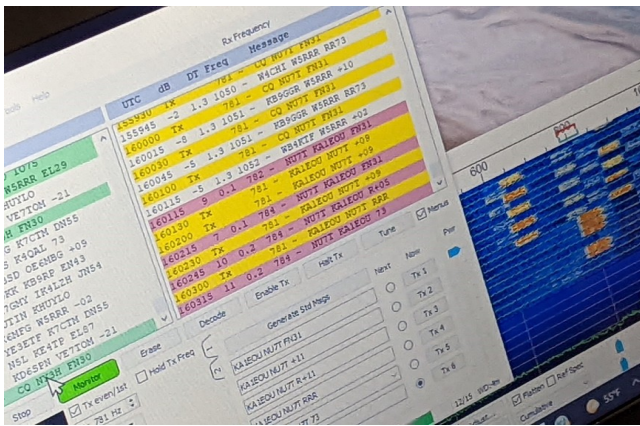
We must wait for official scores to see where we actually are.



CLUB DIGITAL DAY

HARC DIGITAL ELMER DAY

Westport Astronomical Society
182 Bayberry Lane, Westport CT 06880
Saturday April 23, 2022 10:00 AM



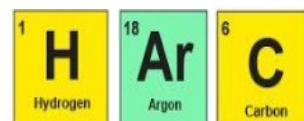
Left: Mike KA1EOU makes contact with Marilyn NU7T on FT8. Right: Alex N1AK & Jim KC1RBG with Dan N3DAW in back



New Technician Jim KC1RBG



Mike KA1EOU looks on as Sam W1SMF works digital
Dave KB1LTW Elmers Marilyn NU7T



NEW ENGLAND QSO PARTY 2022

**Operated
K1WAS
as
Multi Operator
Single Transmitter
high power**



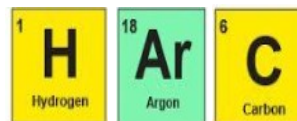
Jeff KB1LZ smiles for the camera



Larry AB1JC & Jeff KB1LZ work on station set up whilst Dan N3DAW supervises from the rear echelon.



Dan N3DAW pauses while working hard at his station.



Current Band & Mode

Find

Recent Contacts

Last 20

All

Rec	Call	Rcvd	St / Prv / Cnt	County R	Snt	County S	Date / Time	Mode	Bnd
154	KC1KTJ	59	ME	SOMME	59	FAICT	05/09 00:00	PH	80
153	KC1JTS	59	CT	HARCT	59	FAICT	05/08 23:57	PH	80
152	WZ1V	59	CT	MIDCT	59	FAICT	05/08 23:56	PH	80
151	WB1AEL	59	MA	WORMA	59	FAICT	05/08 23:55	PH	80
150	W1RAM	59	MA	PLYMA	59	FAICT	05/08 23:51	PH	80
149	NP2GG	59	CT	LITCT	59	FAICT	05/08 23:48	PH	80
148	N1EK	59	MD		59	FAICT	05/08 23:47	PH	80
147	W9TCV	59	RI	NEWRI	59	FAICT	05/08 23:46	PH	80
146	N4CF	59	VA		59	FAICT	05/08 23:43	PH	80
145	K1VWQ	59	MA	HMDMA	59	FAICT	05/08 23:38	PH	40
144	K41MTO	59	ME	AROME	59	FAICT	05/08 23:28	PH	40

Score Statistics

Total Contacts	154
Total QSO Points	154
Total Multipliers	29
Total Score	4,466
QSOs / Hr (Last 20 min)	0
QSOs / Hr (Last 60 min)	0

Call

RSTr

Cnty

SPC

RSTs

DX - 1

Cty Wkd - 43

Cty Rem - 24

1

4

7

0

2

5

8

3

6

9

WE1M

RS(T)

FAICT

7:11:00 PM

23:11:00 UTC

Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
80	0	11	0	11	7
40	0	134	0	134	87
20	0	9	0	9	6
Total	0	154	0	154	100

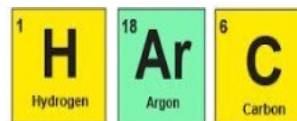
How did we do?

Total Contacts by Country:

Country	Total	%
USA	145	94
Canada	8	5
Italy	1	1
Total = 3		

Total Contacts by Operator:

Operator	Total	%
WE1M	66	43
KB1LZ	61	40
AB1JC	25	16
N3DAW	2	1
Total = 4		

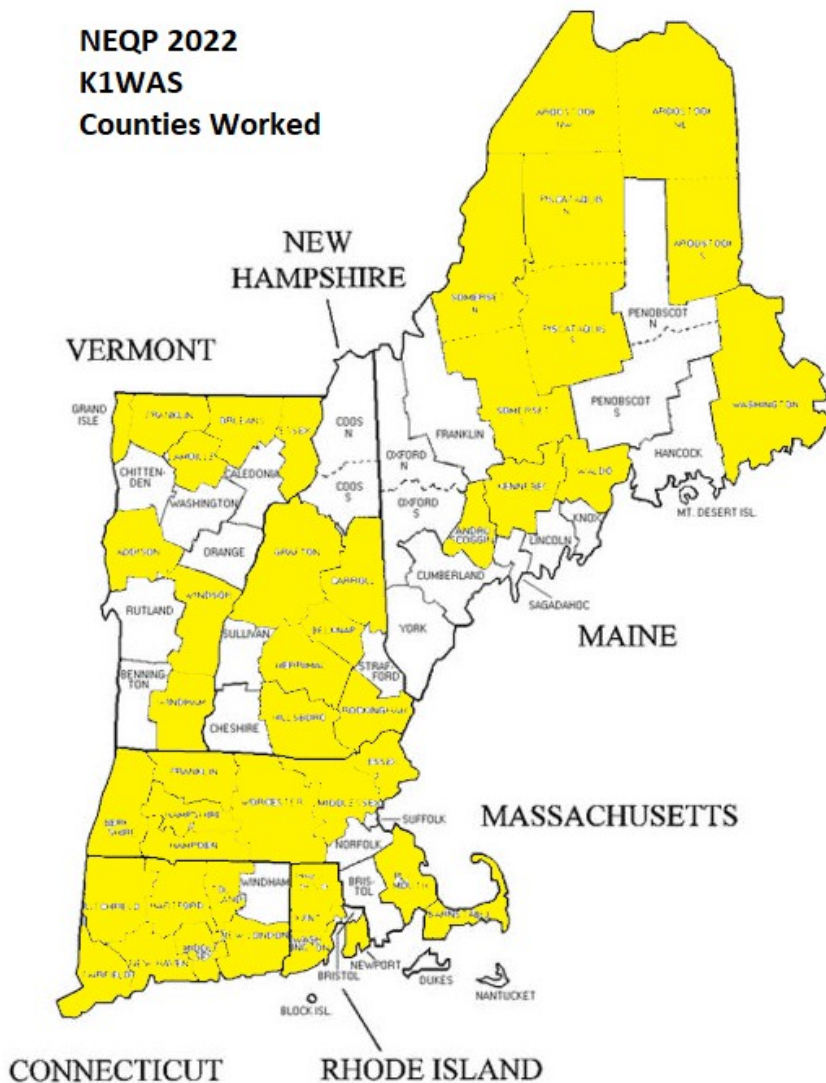


Total Contacts by County:

County	Total	%
CT FAICT	5	3
MA BARMA	5	3
CT MIDCT	4	3
CT TOLCT	4	3
MA MIDMA	4	3
MA WORMA	4	3
NH HILNH	4	3
CT HARCT	3	2
CT NLNCT	3	2
NH CARNH	3	2
RI WASRI	3	2
CT LTICT	2	1
CT NHVCT	2	1
MA ESSMA	2	1
MA HMDMA	2	1
MA PLYMA	2	1
ME WASME	2	1
NH MERNH	2	1
NH ROCNH	2	1
RI KENRI	2	1
RI NEWRI	2	1
RI PRORI	2	1
MA BERMA	1	1
MA FRAMA	1	1
MA HMFMA	1	1
MA NANMA	1	1
ME ANDME	1	1
ME AROME	1	1
ME FRAME	1	1
ME KENME	1	1
ME PISME	1	1
ME SOMME	1	1
NH BELNH	1	1
NH GRANH	1	1
VT ADDVT	1	1
VT ESSVT	1	1
VT FRAVT	1	1
VT GRAVT	1	1
VT LAMVT	1	1
VT ORLVT	1	1
VT WALME	1	1
VT WNDVT	1	1
VT WNHVT	1	1

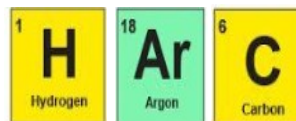
Total = 43

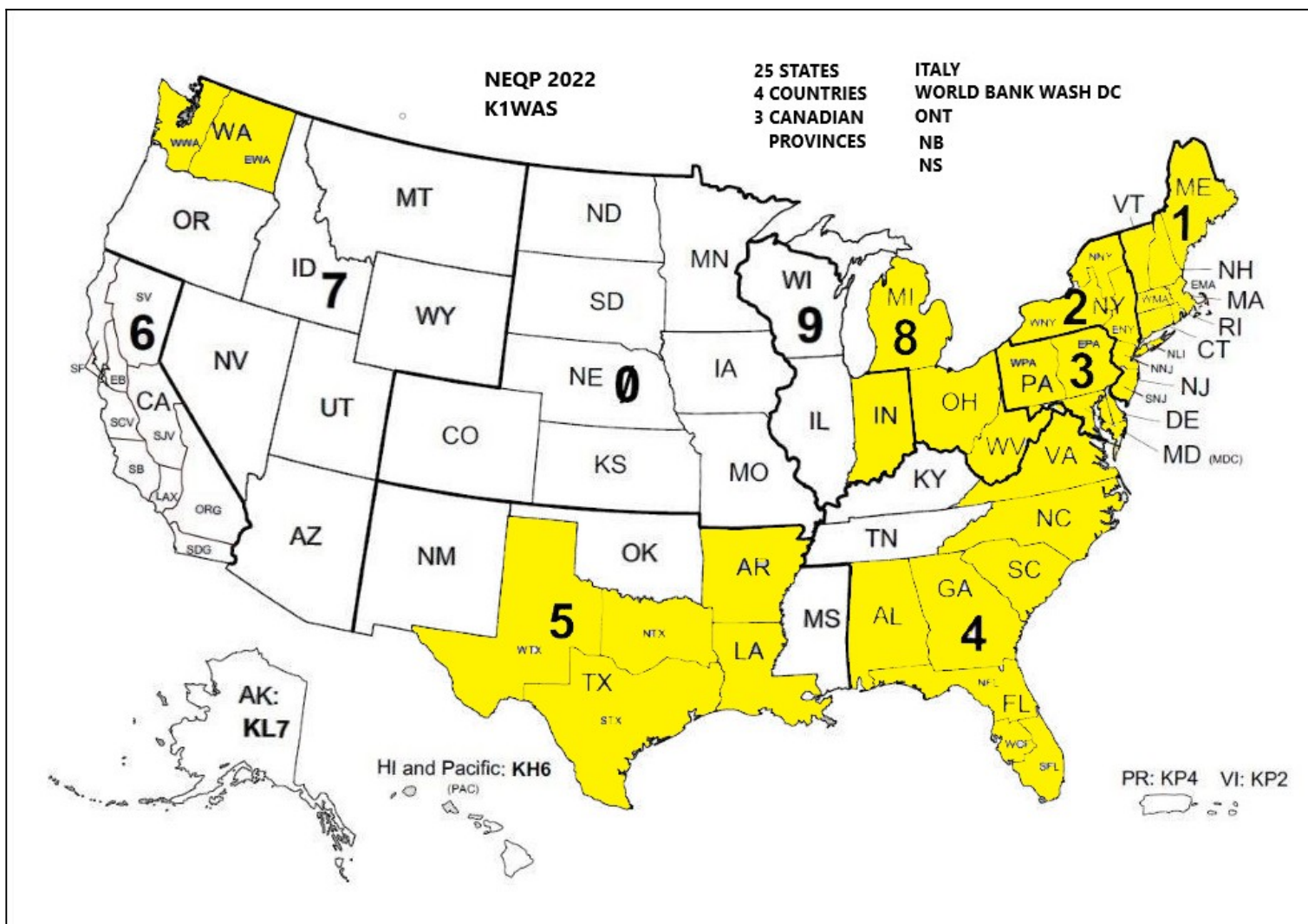
NEQP 2022 K1WAS Counties Worked



Thanks to operators

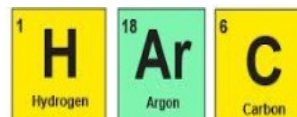
Larry AB1JC
Jeff KB1LZ
Dan N3DAW
Gary WE1M





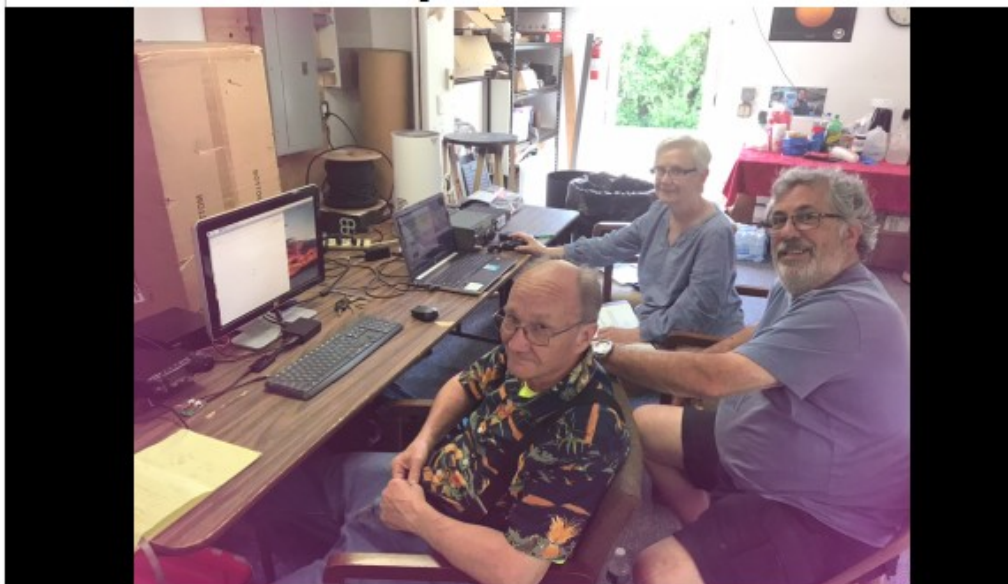
Total Contacts by State \ Prov		
State	Total	%
CT	23	15
MA	23	15
NH	13	8
VA	11	7
IN	9	6
RI	9	6
VT	9	6
MD	8	5
ME	8	5
PA	6	4
NJ	4	3
ON	4	3
MI	3	2
NY	3	2
OH	3	2
DE	2	1
FL	2	1

NB	2	1
WV	2	1
AL	1	1
AR	1	1
GA	1	1
LA	1	1
NC	1	1
NS	1	1
SC	1	1
TX	1	1
WA	1	1
Total = 28		



ARRL WORLD WIDE DIGITAL CONTEST JUNE 4-5 HOW DID WE DO?

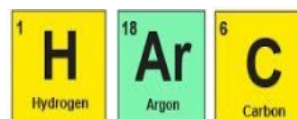
We operated in the new ARRL World Wide Digital Contest June 4-5, 2022. While the rules for this new contest are nebulous and somewhat ambiguous, they are clear that they do not allow multi-operator, multi-transmitter operation. We therefore made the decision that we would all be together and that each station will operate under it's own call sign. We will each submit our own scores and allocate our scores to, "CLUB: Westport Astro ARC". Here are some pictures of our operations:

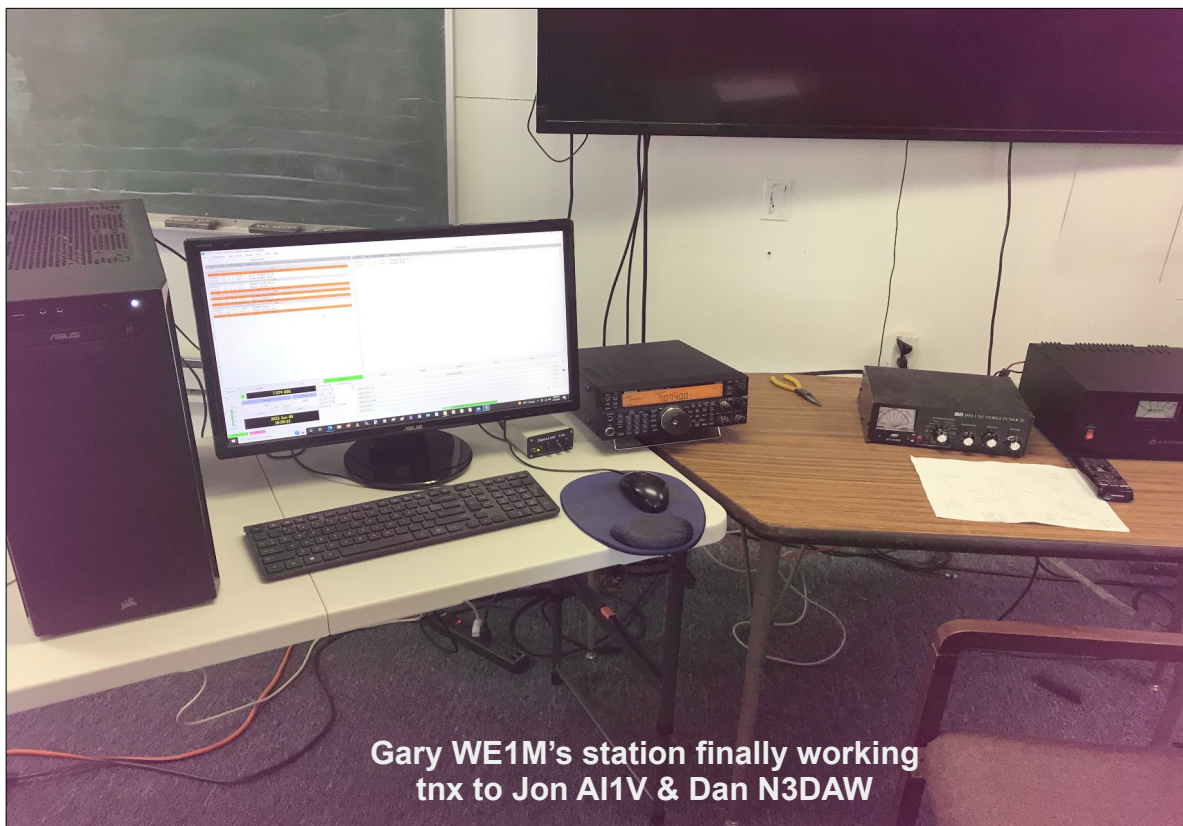


Jeff KB1LZ, Marilyn NU7T & Jim W1RAZ



Dan N3DAW



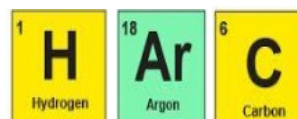


Gary WE1M's station finally working
tnx to Jon AI1V & Dan N3DAW

HARC, WAS and friends operated in the new ARRL DX Digital contest on June 4-5 from the Westport Astronomical Society, in Westport CT. Each operator operated their own station under their own callsign, choosing whether to operate Single Op, single transmitter or Multi-Single. Missing from photos are Alex N1AK & Gary WE1M



Jon AI1V



HEX BEAM FOR FIELD DAY

GNARC, HARC, WAS gathered together to assemble the new Hex Beam we will use at field day

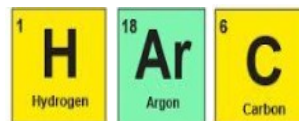


Mike K1MJM clears more underbrush on the field to provide additional space.



Steve K1RF & Jon AI1V discuss how to assemble the beam

Don't get caught below the KT boundary, rise above with N1KT

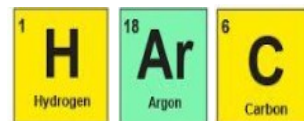




Jon AI1V starts the assembly with a traditional “persuader” to show the beam who is boss!



Steve K1RF & Jon AI1V working hard as assembly progresses



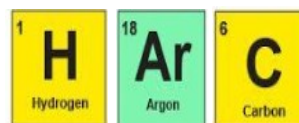


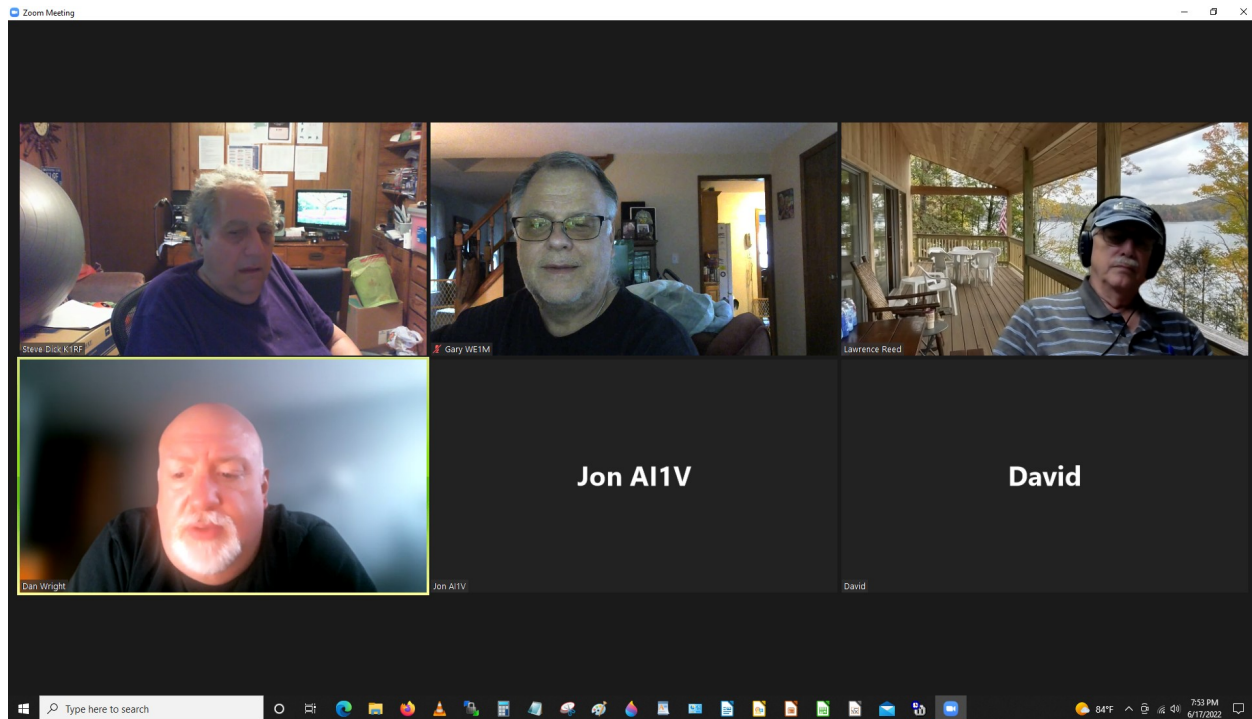
Jon AI1V making fine adjustments

*Steve K1RF & Jon AI1V
admire their work*



A job well done!



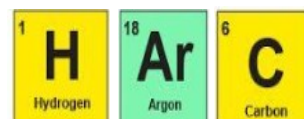
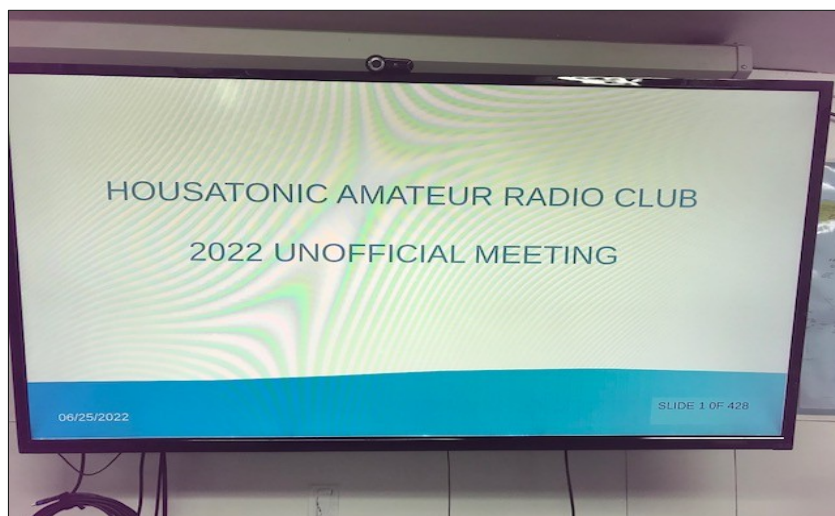


A Pre-Field Day Meeting was held on June 17, 2022 to discuss antennas. Top Row: Steve K1RF, Gary WE1M, Larry AB1JC. Bottom row: Dan N3DAW, Jon AI1V and David KB1LTW.

FIELD DAY 2022

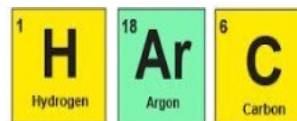
STATE OF THE UNION (CLUB) PRESENTATION

Gary WE1M gave a State of the Union (Club) presentation prior to the start of Field Day. He covered the state of the club and all activities we have done since Winter Field Day. He also gave out awards and previewed future activities.

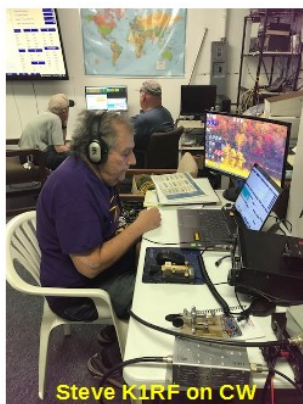


OUR COOKS

Ned KA1CVv & David KB1LTW fed us really well at Summer Field Day, bacon, eggs, (Herman?) munster cheese on hard rolls for breakfast. Hot dogs, burgers and large Big Y submarine sandwiches for dinner. Sides included baked beans, potato salad, pasta salad, all with assorted desserts. Coffee, soda, water, ice tea et al were available. Thanx to all who cooked and brought food.



OUR STATIONS



Steve K1RF on CW



Mike KA1EQU & Dan N3DAW



Ned KA1CVV



Jon AI1V



Mike KA1EQU



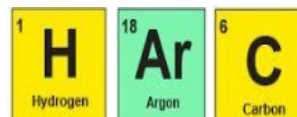
David KB1LTW & Larry AB1JC



Above: David KB1LTW prepares breakfast

Right: Sam W1SMF

Left: Marilyn NU7T, Jim KC1RBG, unknown members of GNARC and Jon AI1V.



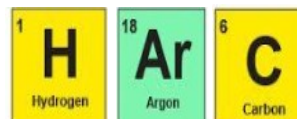
OUR PRELIMINARY RESULTS

Here is a quick run down of our 2022 Field Day effort. Complete info will be presented in our Autumn Issue.

Final FD N3FJP Screen

Total Contacts by Band and Mode:					
Band	CW	Phone	Dig	Total	%
80	24	48	0	72	7
40	377	73	28	478	49
20	122	100	159	381	39
15	0	0	41	41	4
10	0	0	10	10	1
6	0	3	0	3	0
Total	523	224	238	985	100

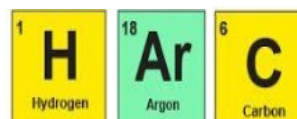
Contacts by Band & Mode

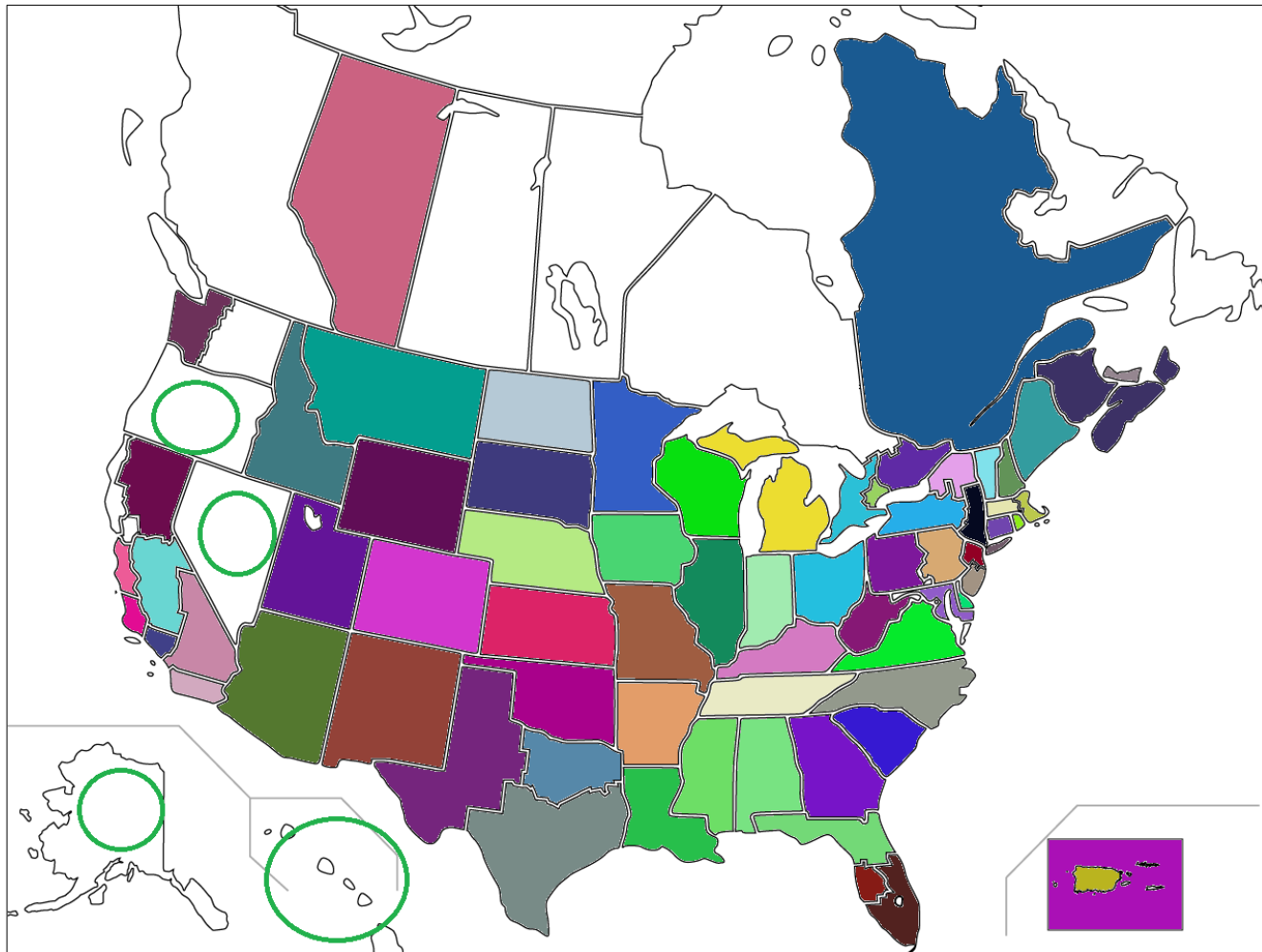


Score Statistics	
Total CW Contacts	523
Total Phone Contacts	224
Total DIG Contacts	238
Total QSO Points	1,746
QSOs / Hr (Last 20 min)	0
QSOs / Hr (Last 60 min)	0

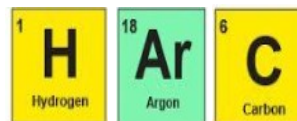
Total Contacts by Operator:		
Operator	Total	%
-----	-----	---
K1RF	523	53
N3DAW	182	18
AB1JC	71	7
KB1LZ	30	3
W1SMF	28	3
AI1V	23	2
N1DPD	23	2
WA1SFH	19	2
N1ICL	15	2
KA1EOU	14	1
KB1LTW	12	1
W1IP	11	1
WJ1M	8	1
KC1RBG	6	1
W1KRI	5	1
KB1QZH	4	0
W1CAH	4	0
WE1M	4	0
KA1CVV	3	0
Total = 19		

N3FJP Final Score (above)
and total contacts by operator
(left).





*Final FD N3FJP Section Map
 (states we missed are indicated with green circles)*



UPCOMING HAMFESTS

- 08/26-28 – North East Ham Xposition 2022, Marlborough, MA

Northeast
HamXposition

Many thanks to our exhibitors, flea vendors, speakers, volunteers, and of course, the attendees for making this 2021 Northeast HamXposition convention a **huge** success!

Northeast HamXposition 2022
August 26th, 27th, and 28th
at the Best Western Royal Plaza Hotel & Trade Center, in
Marlborough, Massachusetts.

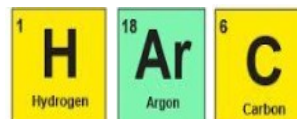
- 10/09/22 North Haven Nutfet

The Meriden ARC W1NRG will be planning a **Nutfest on Sunday Oct 9th at the Best Western Hotel in North Haven, CT from 6am -1pm.** We will have an associated VE Session, exhibitors, flea market, didactic talks. Of course, **an ARRL forum is a key component.** More info to follow
Ed Snyder, MD W1YSM

From Meriden ARC Key Klix Newsletter

NOTICE

Larry AB1JC has now taken over as Editor of this newsletter. Please give Larry your full support.



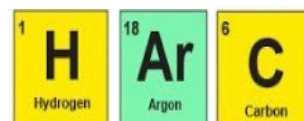
BAND CONDITIONS (from ARRL)

- **Predicted solar flux**

100 through July 3, 105 on July 4-5, 110 on July 6-10, then 115 on July 11-13, 120 on July 14, and 125 on July 15-16.

- **Predicted planetary A index**

5 through July 9, then 12, 8, 12, 10 and 8 on July 10-14, and 5 on July 15-19.



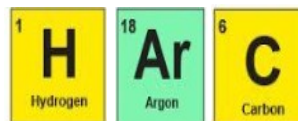
UPCOMING CONTESTS

- July 9-10 IARU HF Championship
- Sept 10-12 September VHF Contest
- Sept 24-25 CQ WW RTTY Contest – we may operate
- Oct 29-30 CQ DX SSB Contest – we may operate
- Nov 5-7 Sweepstakes CW
- Nov 19-21 Sweepstakes Phone – we may operate
- Nov 26-27 CQ DX CW Contest
- Dec 2-4 ARRL 160 meter Contest
- Dec 10-11 ARRL 10 meter Contest

We have reserved WAS for the November Phone Sweepstakes. Tnx Dan N3DAW.

OUR SKED

- July 4 – Independence Day
- Sept 5 – Labor Day
- Sept 19 – Talk Like a Pirate Day
- Sept 25 – Possum Day
- Oct 10 – Columbus Day
- Oct 31 – Halloween
- Nov 11 – Veteran's Day
- Nov 13 – Sadie Hawkins Day
- Nov 24 – Thanksgiving
- Dec 7 – Pearl Harbor Day
- Dec 25 – Christmas
- Dec 31 – New Years



NECROLOGY IN HONORARIUM

In Honorarium, we herewith list the names and call signs of those members and friends of HARC who are now Silent Keys.

George Grosner – W1ASO SK

Tony Vena – K1BUI SK

Neil Lewbel – KA1PJQ SK

Mark Orner, PhD - KA1RSE SK

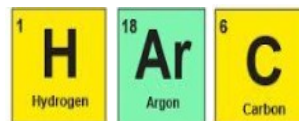
Thomas Wilson, PhD – WV1C SK

Earl Dugan Sr. – KA1DCL SK

David Kostrey – KD1BD SK

Jay Albano – N1NRP SK

Kevin Cellini – N1KGM SK



HARC INFO

The Housatonic Amateur Radio Club was formed in 1995 to foster the development of Amateur Radio and advanced Ham Radio operating techniques, both through theory and on the air practice. To provide a suitable environment of camaraderie and support within which members, spouses and their children can obtain a better understanding of amateur radio, gain a proficiency in the art of amateur radio, and to have some fun.

Club Officers for 2022

President - David H. Schadlich, KB1LTW
Secretary Treasurer – Thomas W. Moyher ESQ, N1UNT
Technical Officer – Lawrence J. Reed, AB1JC
Youth Coordinator – Jennifer L. Coderre, N1ZZY
Director1 – Daniel A. Wright, N3DAW
Director2 – Michael Miciukiewicz, K1MJM
Webmaster – David H. Schadlich, KB1LTW
Trustee – Gary T. Moyher, WE1M

Website www.N1KT.org/

The club call sign is N1KT. Our annual formal meeting is held on Winter Field Day, and an informal meeting is held on Summer Field Day. Both meetings are held during set up time prior to the event start.

Contact Information

Housatonic Amateur Radio Club
Stratford, CT 06614
USA

HARC.N1KT@gmail.com

On Facebook at: www.facebook.com/Housatonic-Amateur-Radio-Club-103303504650102/

Fairfield County

Grid FN-31

CQ Zone 5

ITU Zone 8

10-X 67120

SKCC# 3980

The Housatonic Amateur Radio Club is an ARRL affiliated club.

QSL N1KT via WE1M, NE1CU or Bureau.

Send a QSL card and we will send our QSL card in return. We prefer an SASE, but it is not necessary. We QSL 100% returned.

"Direct Currents" is the official newsletter of the Housatonic Amateur Radio Club. It is published quarterly: January, April, July, October.

Gary T. Moyher, WE1M Editor

Lawrence Reed, AB1JC Assistant Editor

Contact the Editor at: HARC.N1KT@gmail.com

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