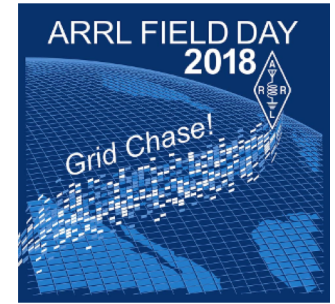




Field Day 2018

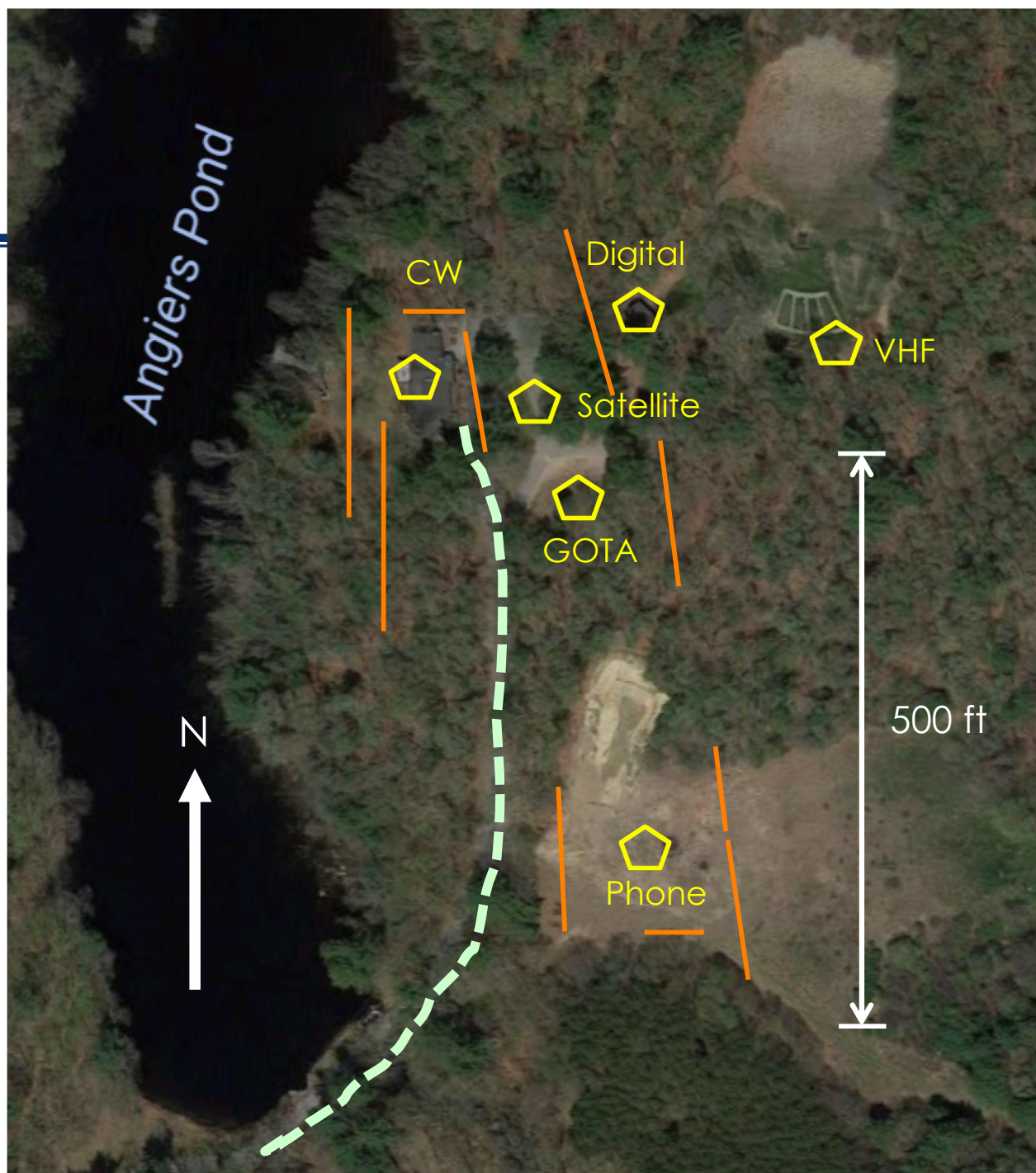
June 23 – 24

Concord Rod & Gun Club, Concord, MA



Highlights of Field Day 2018

- 64 attendees
- Good weather in spite of forecast
- Efficient setup & teardown
- 24 hour operations by CW and Phone
- 1,536 valid QSOs
- “Interesting” propagation
- 100% bonus points!
- 6 meter loop antenna
- New Zealand!



Site Plan

Antenna
locations are
approximate

Stations & Leads

- CW: Bob, W1IS
- Phone: George, K1IG
- VHF: Allison, KB1GMX
- Messaging: Richard, N1HY
- Digital: Steve, W1KBE
- Satellite: Bob, KB1SWZ
- GOTA: Andy, KB1OIQ





Infrastructure Leads

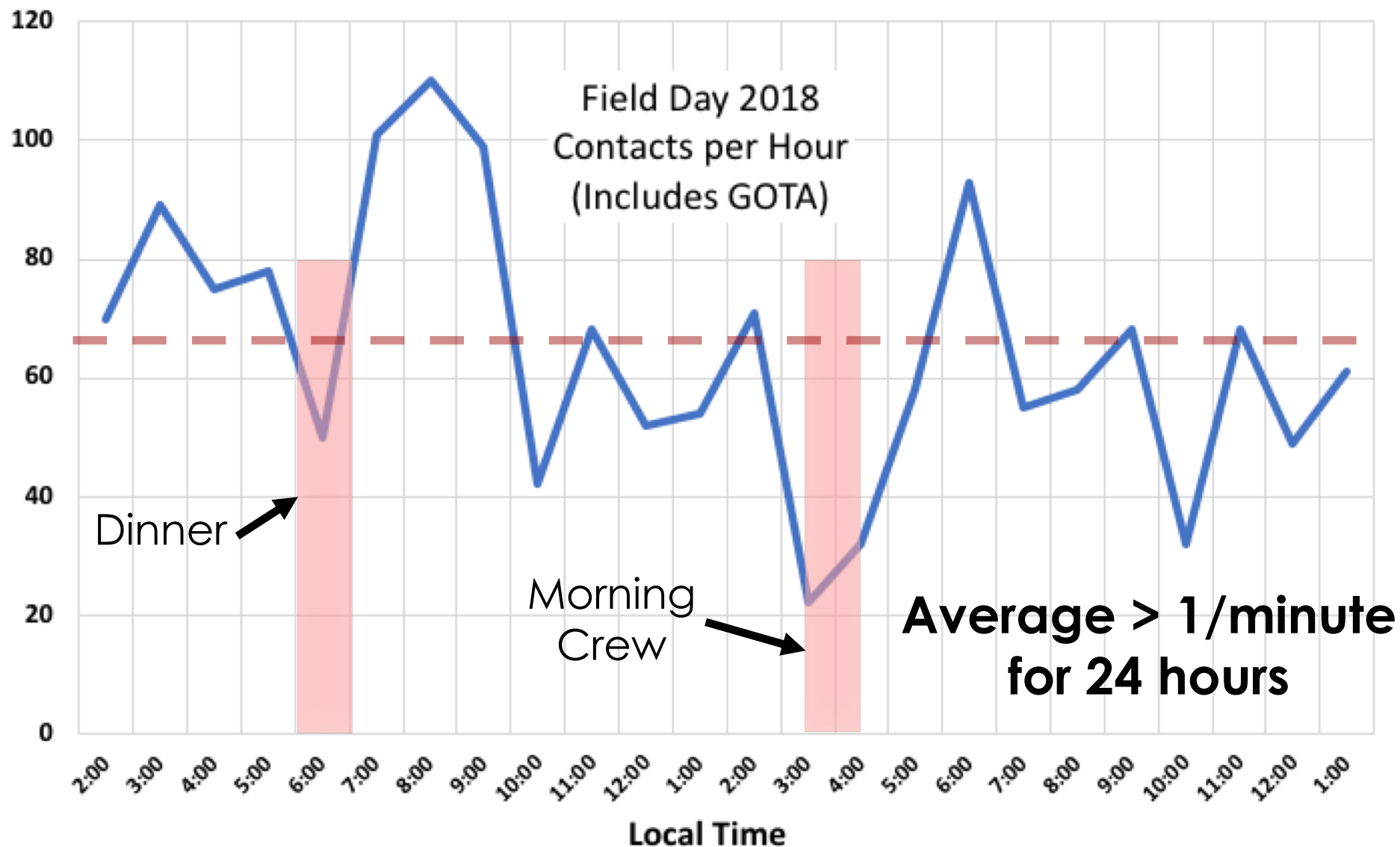
- HF Antennas
 - Bob, W1IS
- Food
 - Charlie, W1ADL, Rick, W1RAG, Lela, KC1ACV, Lyman, W1LKS
- Media & PR
 - Lela, KC1ACV
- Safety
 - Dale, KB1ZKD
- Finance
 - Alan, W1AHM
- Signage
 - Alan, W1AHM
- Site Liaison
 - Dale, KB1ZKD



QSO Statistics

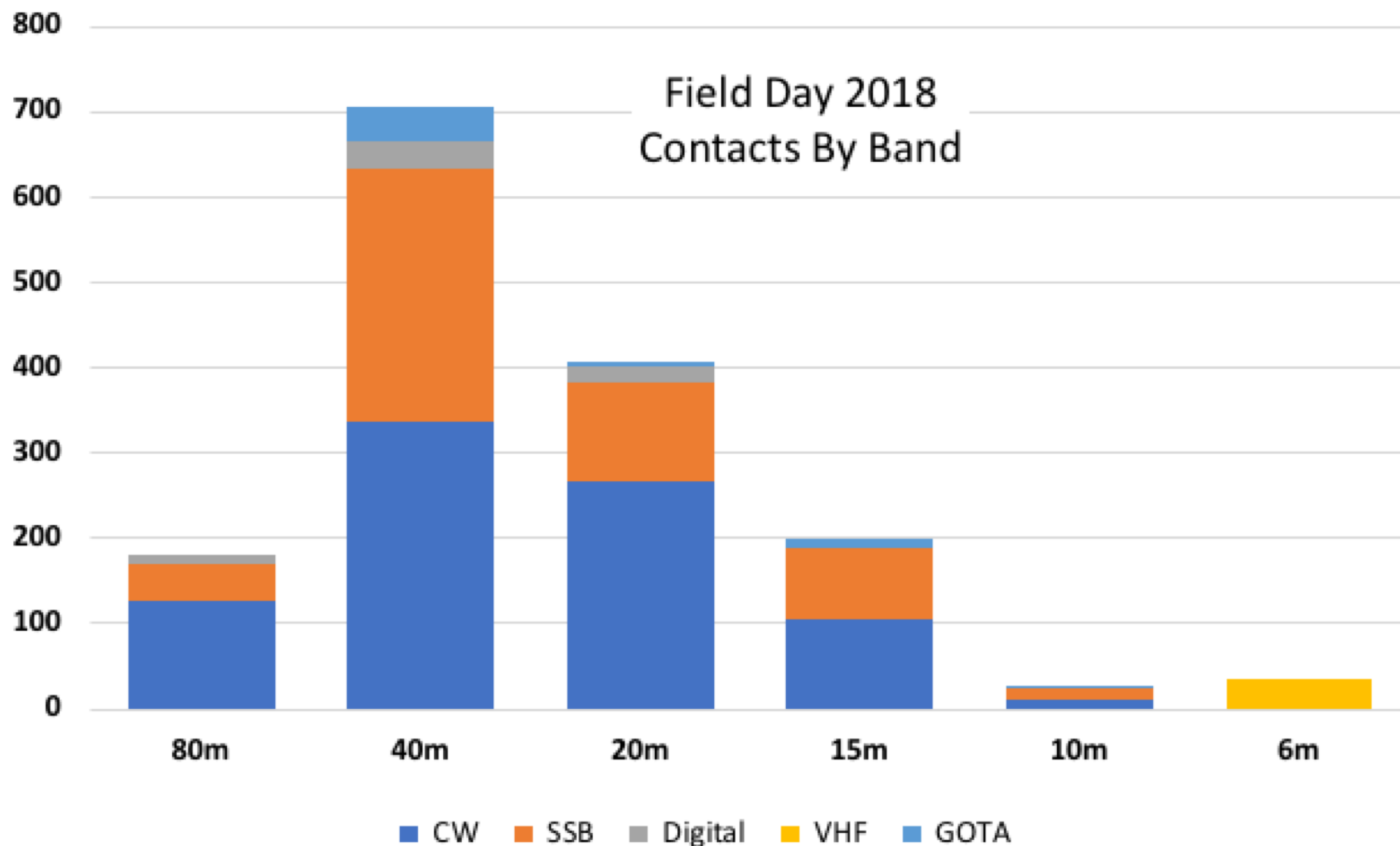


Contact Rate



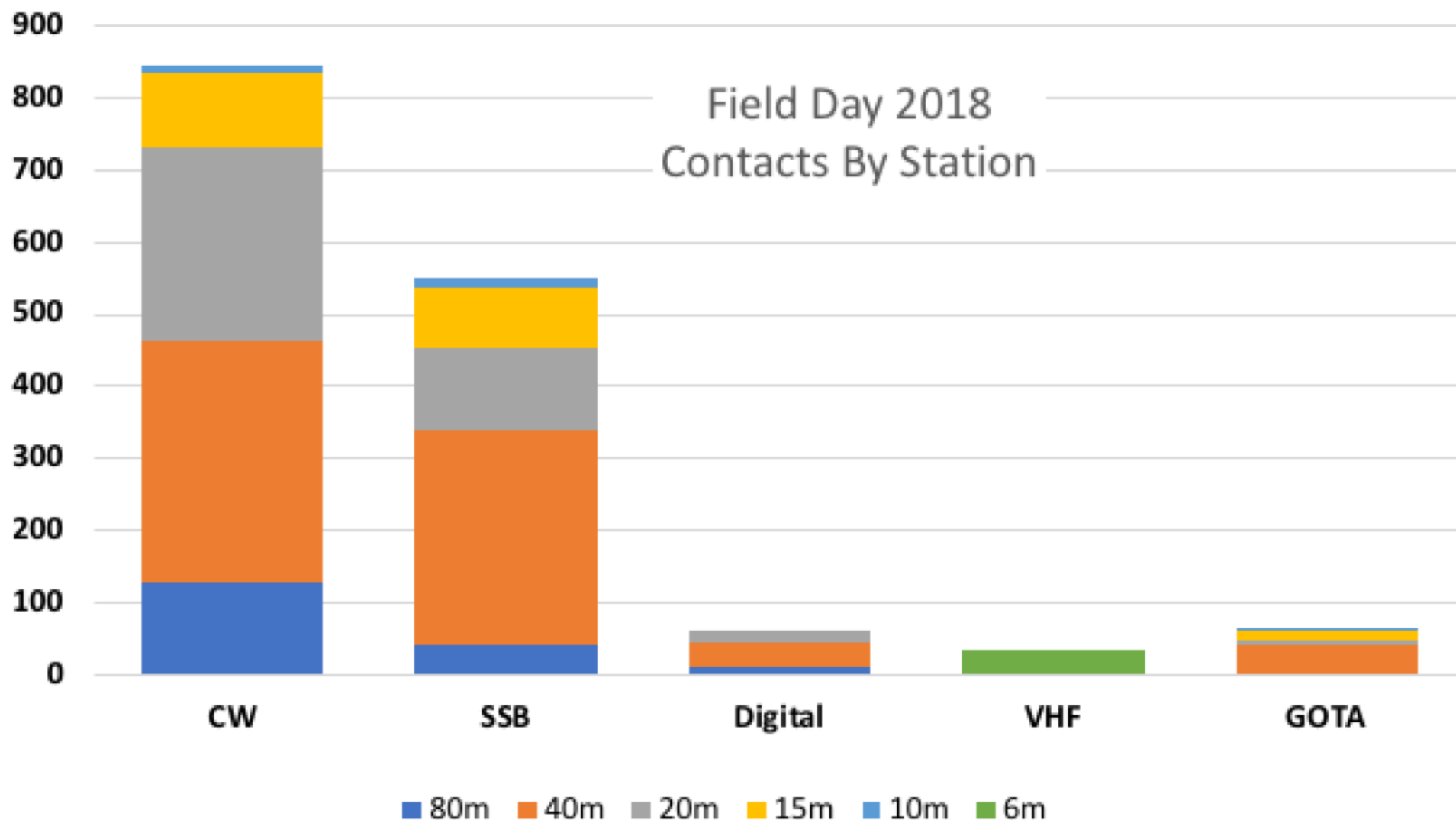


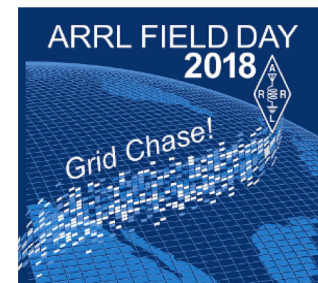
Contacts Per Band





Contacts Per Station

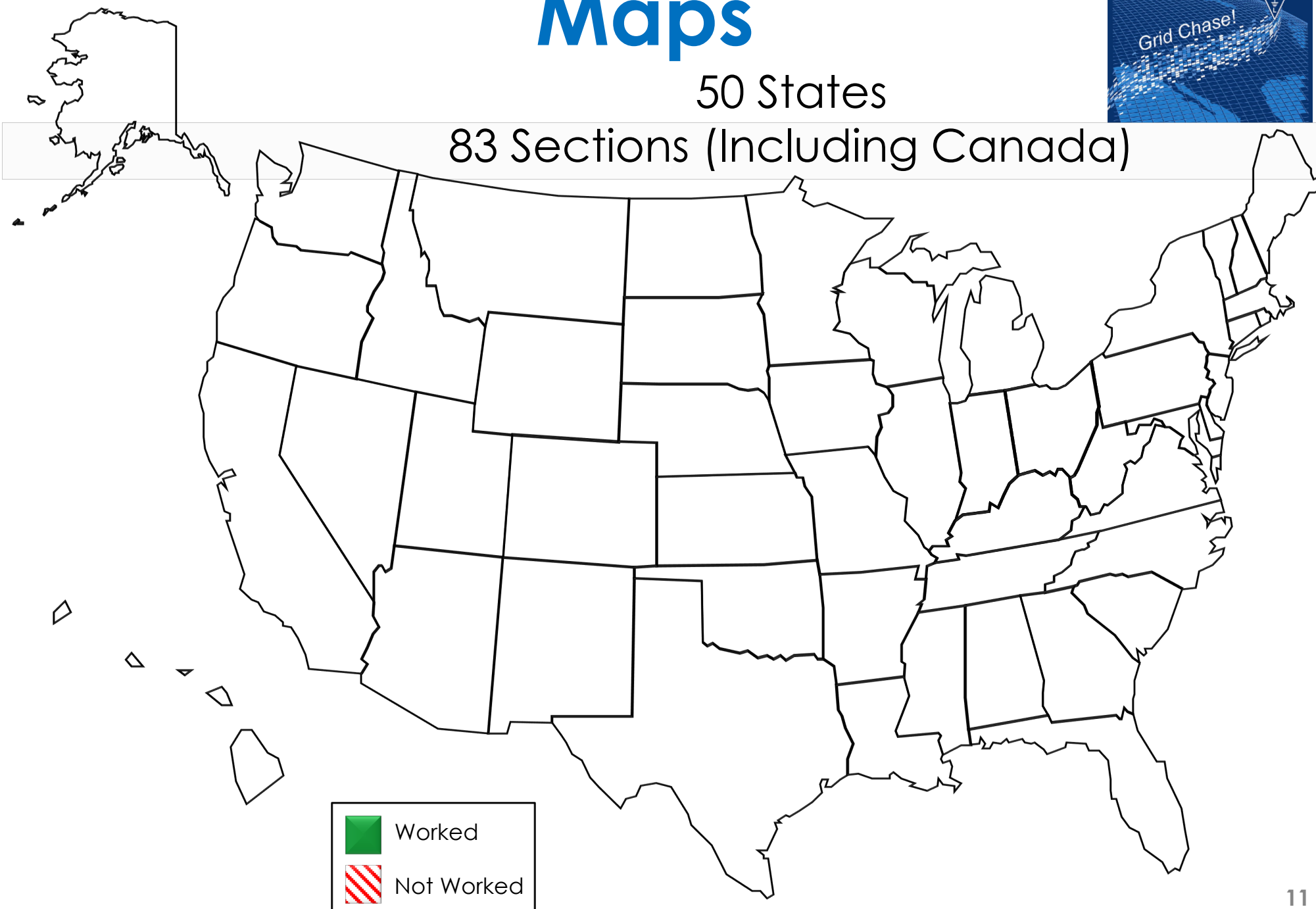


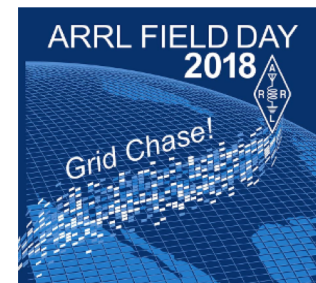


Maps

50 States

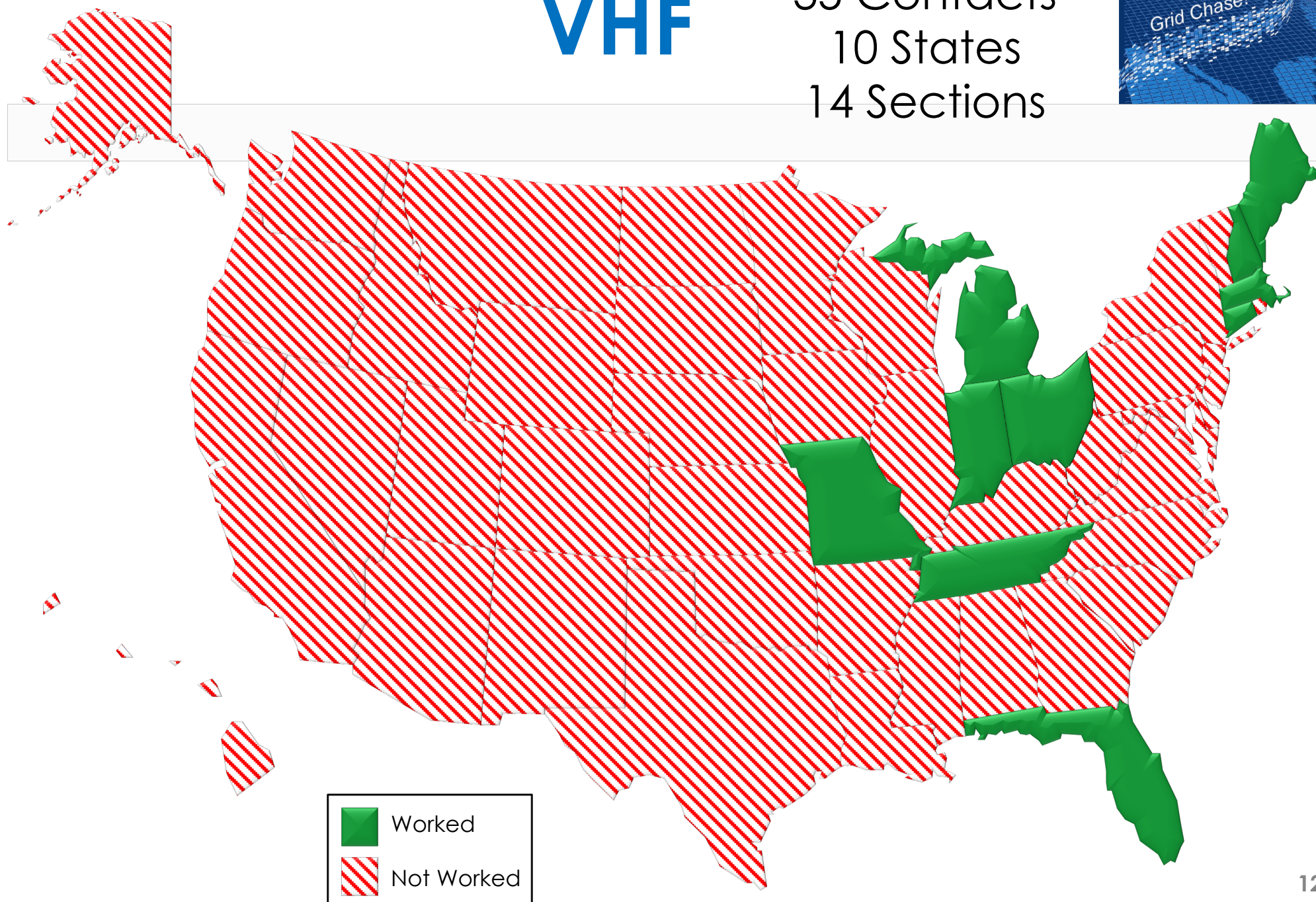
83 Sections (Including Canada)

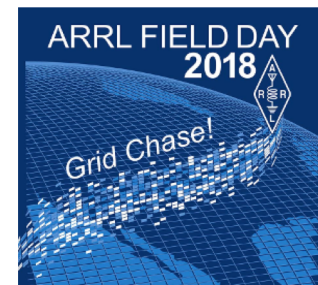




VHF

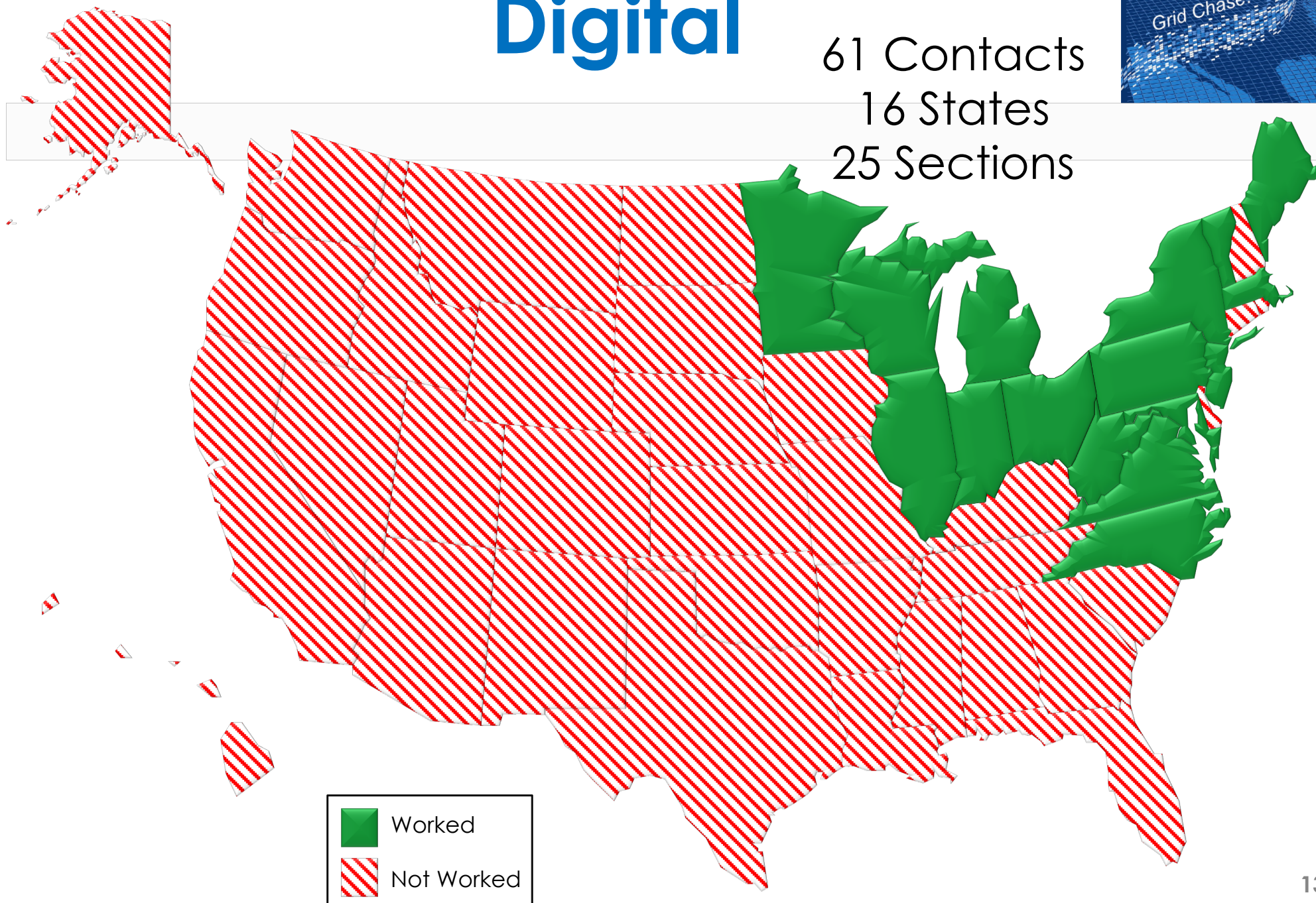
35 Contacts
10 States
14 Sections

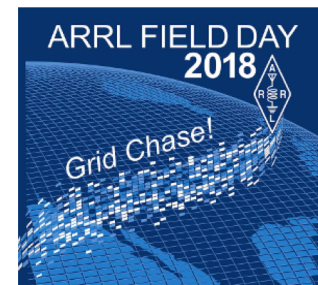




Digital

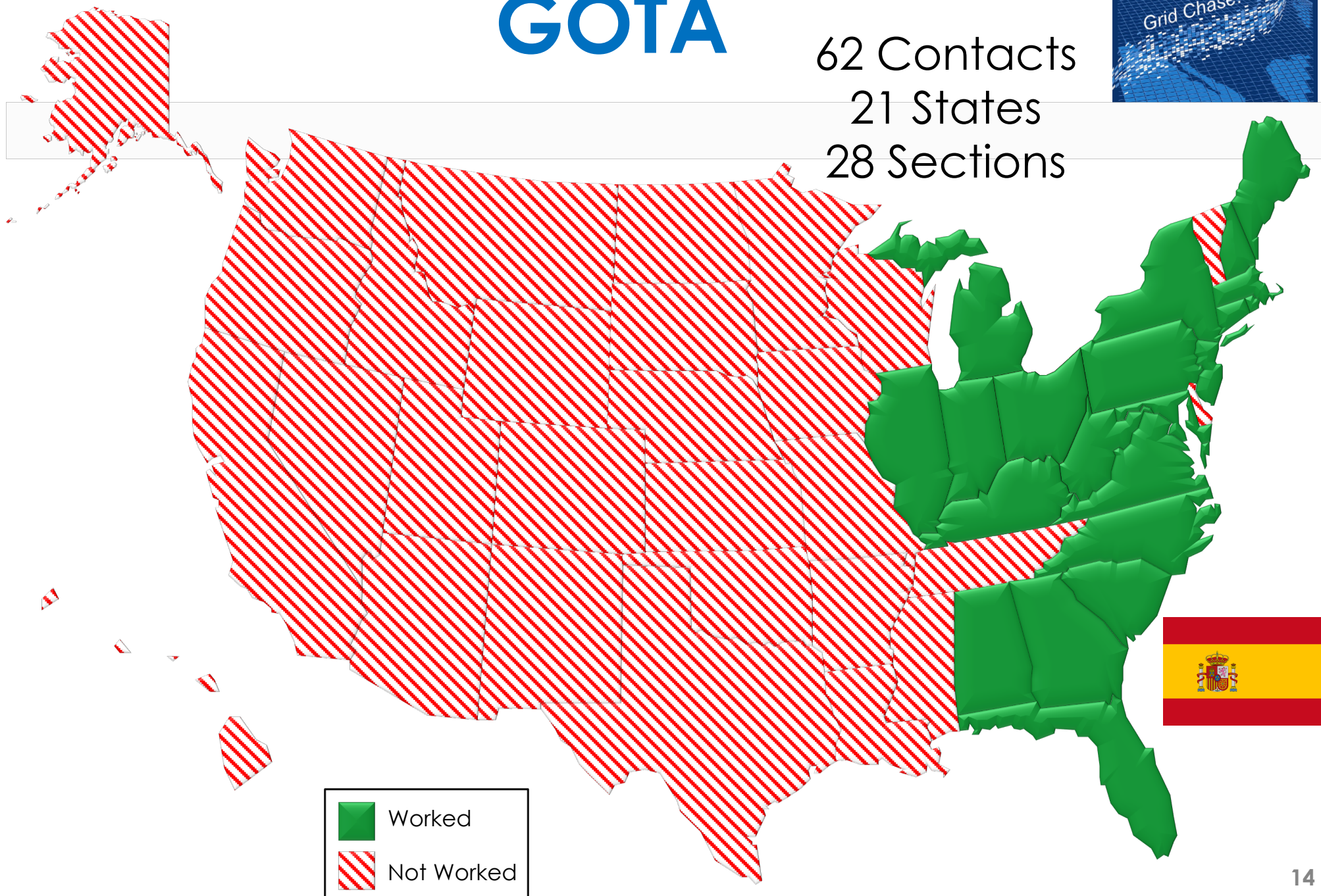
61 Contacts
16 States
25 Sections





GOTA

62 Contacts
21 States
28 Sections



The Police Amateur Radio Team of Westford, Massachusetts, takes pleasure in presenting the

GOTA Bonus Award

To

Kailas Balasubramanyam, KA1LAS

For meritorious achievement in contacting twenty Amateur Radio stations from the Police Amateur Radio Team (PART) of Westford's "Get On The Air" (GOTA) station located in Concord, Massachusetts, during the 2018 ARRL Field Day event. Attainment of this GOTA Bonus during PART Field Day operations is testament to his perseverance, perspicacity, pluck, and pursuit of overall excellence in the art of Amateur Radio.

June 24, 2018



George Allison, K1IG, Field Day Chairman

Andrew Stewart, KB1OIQ, PART President
GOTA Coach

The Police Amateur Radio Team of Westford, Massachusetts, takes pleasure in presenting the

GOTA Bonus Award

To

Bonnie Brench, KC1JFQ

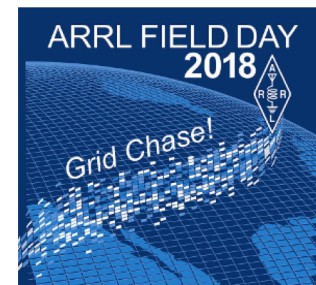
For meritorious achievement in contacting twenty Amateur Radio stations from the Police Amateur Radio Team (PART) of Westford's "Get On The Air" (GOTA) station located in Concord, Massachusetts, during the 2018 ARRL Field Day event. Attainment of this GOTA Bonus during PART Field Day operations is testament to her perseverance, perspicacity, pluck, and pursuit of overall excellence in the art of Amateur Radio.

June 24, 2018



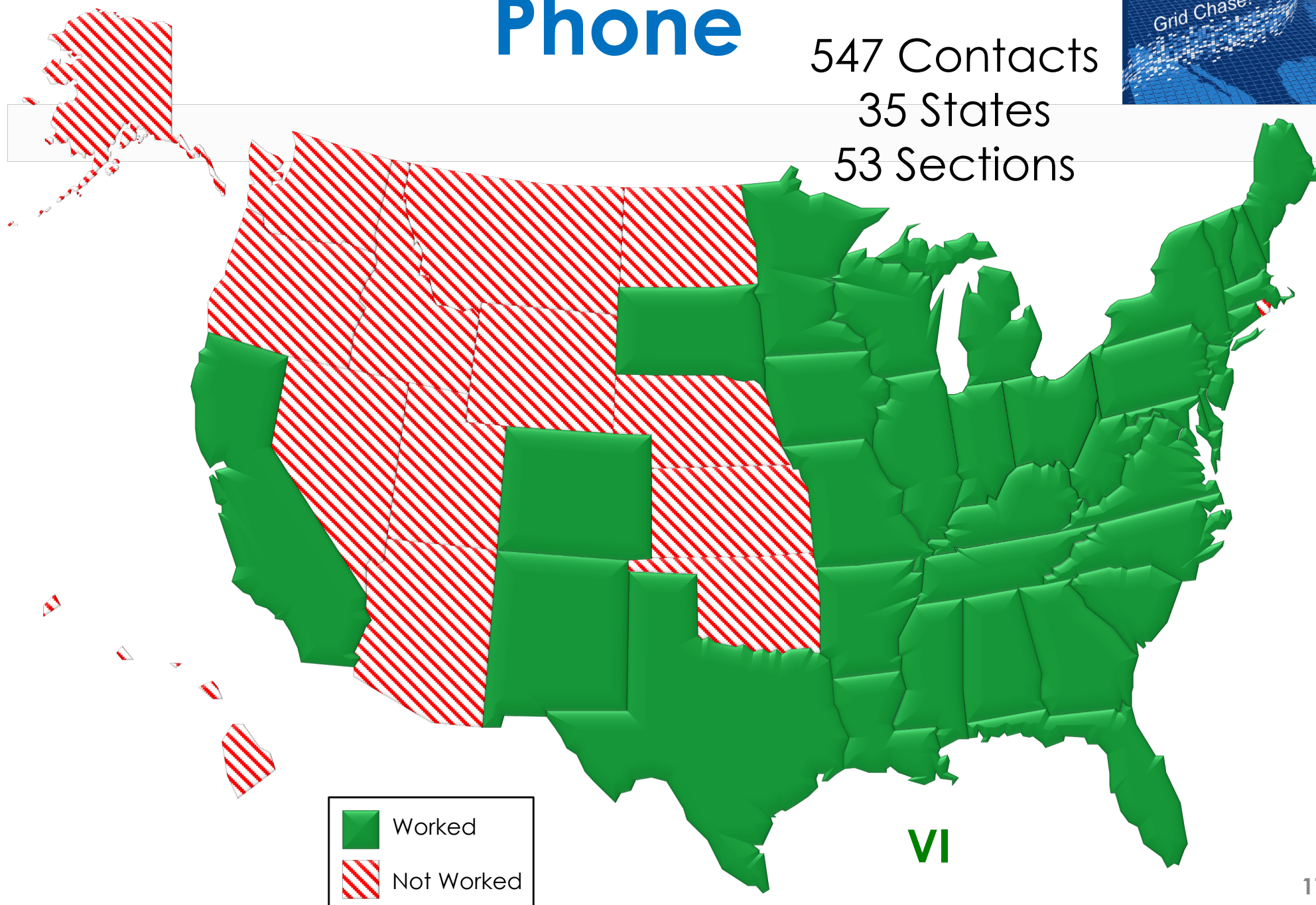
George Allison, K1IG, Field Day Chairman

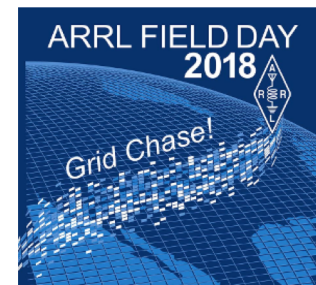
Andrew Stewart, KB1OIQ, PART President
GOTA Coach



Phone

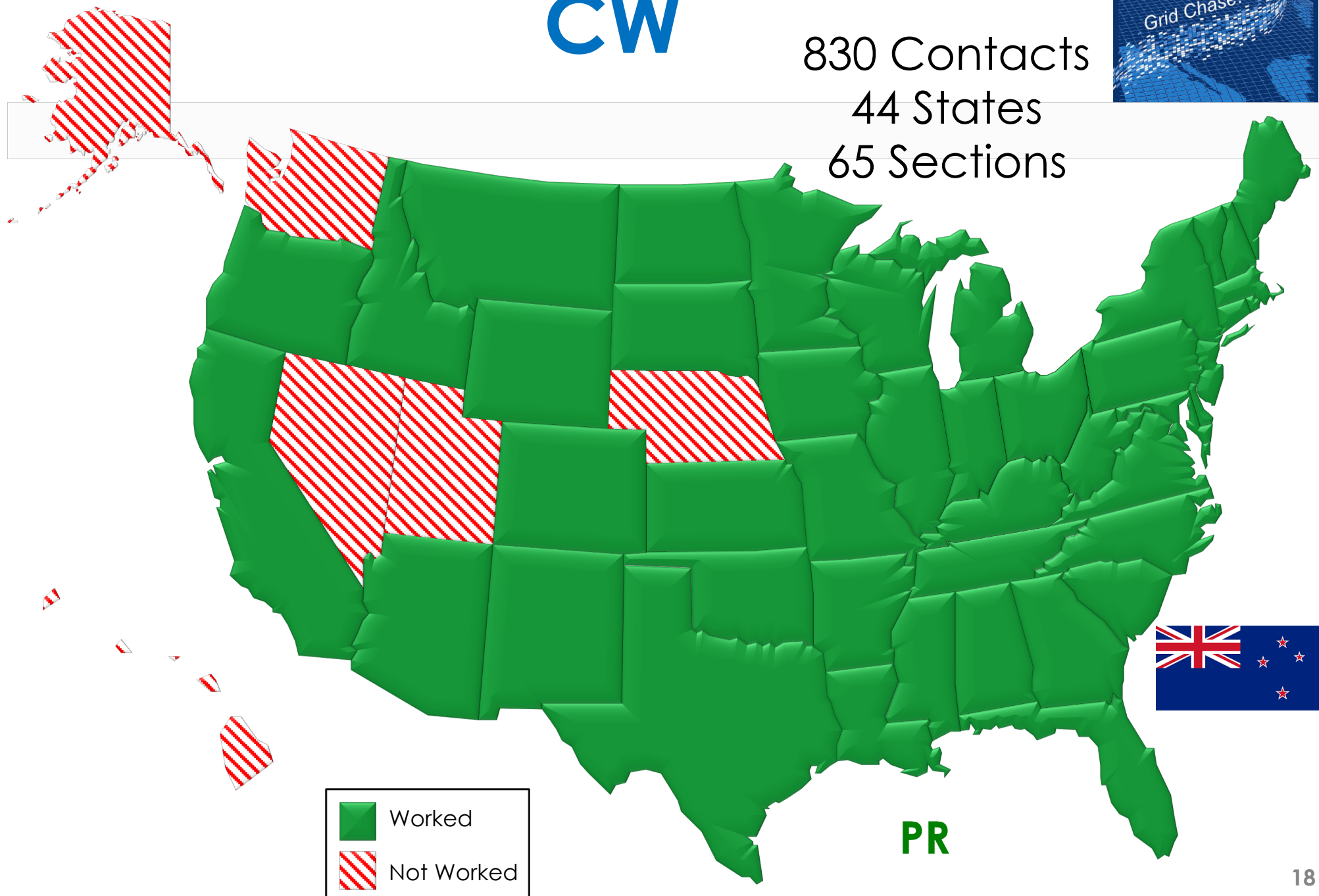
547 Contacts
35 States
53 Sections





CW

830 Contacts
44 States
65 Sections



The Police Amateur Radio Team of Westford, Massachusetts, takes pleasure in presenting the

Master DX-er Award

To

Michael Perry, W1BX

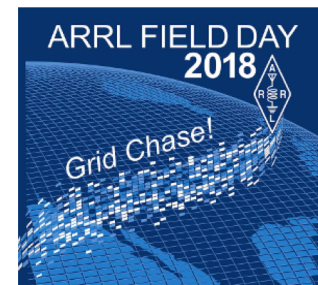
For meritorious achievement in establishing two-way communications with New Zealand Amateur Radio Station ZL2IFB, at a distance of over 8,900 miles, from the Police Amateur Radio Team (PART) of Westford's CW station located in Concord, Massachusetts, during the 2018 ARRL Field Day event. This is the record distance for a Field Day contact in the history of PART.

June 24, 2018



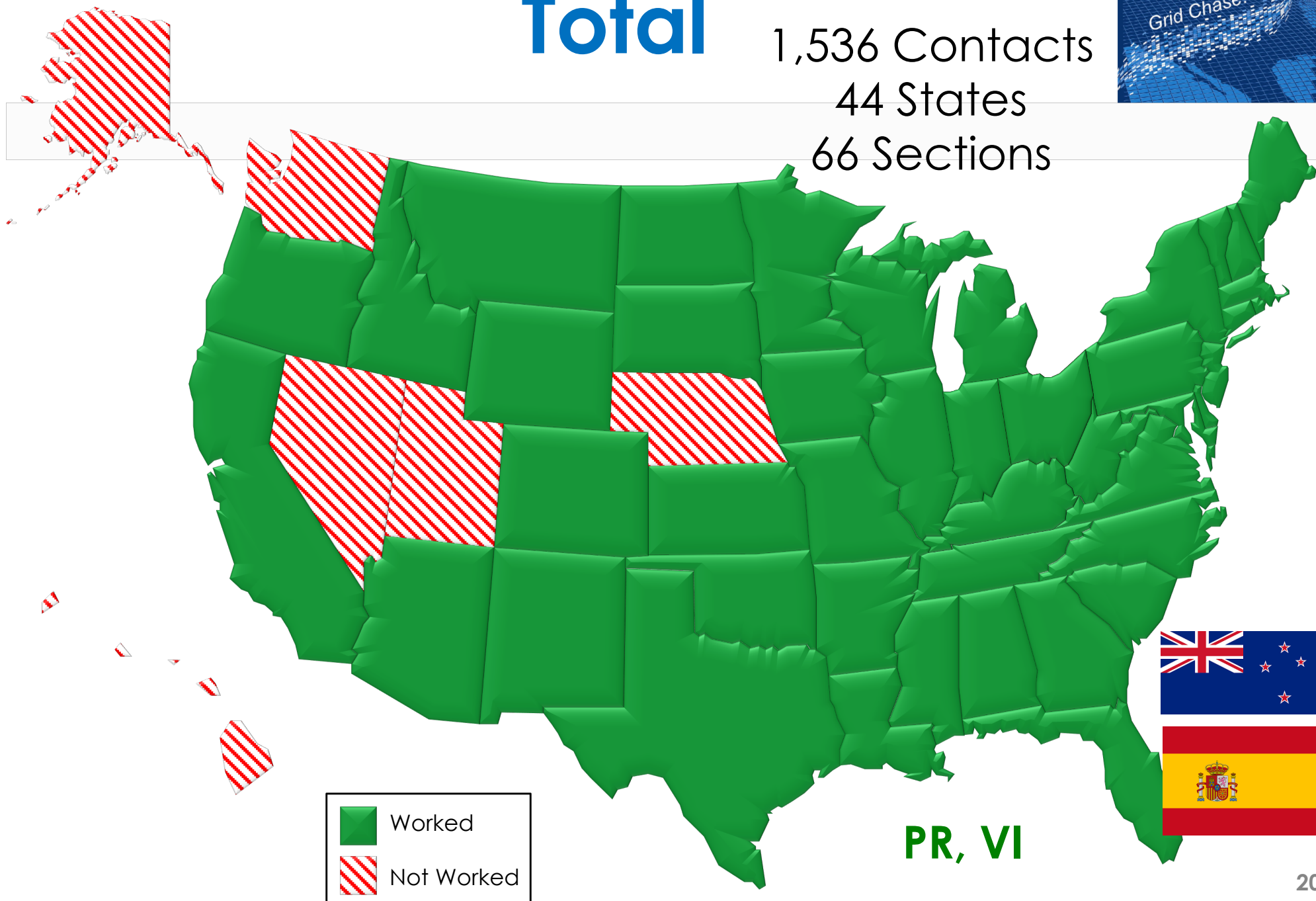
George Allison, K1IG, Field Day Chairman

Andrew Stewart, KB1OIQ, PART President



Total

1,536 Contacts
44 States
66 Sections



PR, VI

Canadian Sections Total

74 Contacts
7/12 Canadian Sections





Bonus Points

- | | |
|---|---|
| <input type="checkbox"/> Emergency Power | <input type="checkbox"/> Public Info Table |
| <input type="checkbox"/> Media Publicity | <input type="checkbox"/> Site Visit by Elected Off. |
| <input type="checkbox"/> Satellite QSO | <input type="checkbox"/> Site Visit by Agency Rep |
| <input type="checkbox"/> Alternate Power | <input type="checkbox"/> Message Handling |
| <input type="checkbox"/> W1AW Bulletin | <input type="checkbox"/> Message to Section Mgr. |
| <input type="checkbox"/> Educational Activity | <input type="checkbox"/> GOTA Bonus |
| <input type="checkbox"/> Youth Participation | <input type="checkbox"/> Social Media |
| <input type="checkbox"/> Web Submission | <input type="checkbox"/> Safety Officer |
| <input type="checkbox"/> Public Location | |

1,830 Bonus Points!



Media Publicity

pg. 4

action unlimited

saturday, june 16, 2018

P.A.R.T. Field Day

Field Day 2018

Concord Rod and Gun Club,
74 Strawberry Hill Road,
Concord

From 2PM Saturday, June
23rd to 2PM Sunday, June 24th.

ARRL Field Day is the most
popular on-the-air event held
annually in the US and Canada.
On the fourth weekend of June,
more than 35,000 radio amateurs

gather with their clubs, groups
or simply with friends to operate
from remote locations.

Since early on in the hobby,
ham radio operators across North
America have established tempo-
rary ham radio stations in public
locations during an event called
Field Day in order to showcase
the science and skill of Amateur
Radio. It is free to the public and
anyone of any age can attend
and try their hand at getting on

the air.

In today's world it is easy for
anyone to use a cell phone or a
computer to make a call as well
as looking something up on the
internet. However, if there is an
interruption in service during bad
weather or you are out of range
of a cell phone tower, you have
no way to communicate. Ham
radios function independently of
the internet or cell phone tow-
ers and can be set up almost
anywhere in minutes. That's the
beauty of Amateur Radio.

Ham radio operators can toss
a wire into a tree for an antenna,
connect it to a solar-powered
transmitter and communicate
halfway around the world. This
is accomplished by bouncing
radio waves between the ground
and the atmosphere until the sig-
nal reaches its destination. The
ham radio hobby is one of the
best ways to learn about elec-
tronics, physics, meteorology
and numerous other scientific
disciplines.

Some of the highlights of the
event will be:

-Having a station available
for non-hams (both children and
adults) to use under the direction
of a licensed ham known as a Get

on the Air (GOTA) station.

-Contacting as many stations
as possible, around the world
and in space, using voice, Morse
code, digital modes, and relays
off of satellites.

-Spaghetti dinner will be
served on Saturday at 6:00PM.

-All stations will be powered
by generator or solar cells. This
is to demonstrate the ability to
operate under emergency condi-
tions.

A team of "Ambassadors" will
be on hand to greet you, provide
a guided tour of the communica-
tions stations, and will answer
any of your questions. We expect
visits from public safety offi-
cials, elected representatives, as
well as the general public.

Refreshments will be served.

Amateur Radio, an FCC-
licensed, non-commercial, vol-
untary radio communications
service, has long supported
public safety. We provide vital
communications into disaster
areas when normal communi-
cations systems are impacted,
provide critical information to
the National Weather Service
through a network of trained
SKYWARN spotters, and
assist our local communities

Action Unlimited

- Landscape Design
- New Lawns
- Sod Installation
- Hydroseed
- Shrub & Tree Planting
- Tree Trimming & Removal
- Spring Clean Ups
- Excavation Work
- Walkways
- Patios
- Retaining Walls
- Steps
- Waterfalls

ROOTS N SHOOTS

181 Stedman St., Unit 10
Lowell, MA 01851
978-799-3897
www.rootnsnshoots.com

100 Points – Thanks, Lela!

Social Media Bonus Points



Fox Hunting
Demonstration

100 Points!



Elected Official Site Visit



Town of Carlisle
Selectman

100 Points!

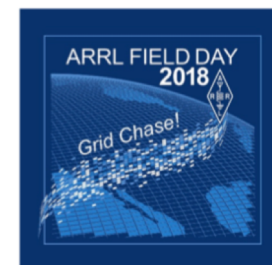


Safety Officer Bonus Points



A Safe Field Day and 100 Points!

ARRL Field Day Safety Officer Checklist



To qualify for the 100-point Safety Officer bonus (for Class A stations), a group must appoint a qualified person/s who are present at their site from the beginning of set-up until the end of break-down.

This form is not intended to be all inclusive.

The Safety Officer/s certify by submitting this form that due diligence was made to provide a safe operation.

- Safety Officer or a qualified designated assistant/s was on site for the duration of the event.
- Fuel for generator properly stored.
- Fire extinguisher on hand and appropriately located.
- First Aid kit on hand.
- First Aid - CPR - AED versed else trained participant/s on site for full Field Day period.
- Access to NWS alerts to monitor for inclement weather
- Tent stakes properly installed and marked.
- Temporary antenna structures properly secured and marked.
- Site secured from tripping hazards.
- Site is set up in a neat and orderly manner to reduce hazards.
- Stations and equipment properly grounded.
- Access to a means to contact police/fire/rescue if needed.
- Safety Officer is designated point of contact for public safety officials.
- Minimize risks and control hazards to ensure no injuries to public.
- As necessary, monitoring participants for hydration and ensuring an adequate water supply is available.



GOTA Bonus Points



62 Contacts = 124 pts
GOTA Bonus = 40 pts
GOTA Coach = 40 pts
Youth Bonus = 100 pts

304 Points!



Dinner Bonus ~~Points~~ Calories



Team Lead
Charlie, W1ADL

Lyman, W1LKS
Lela, KC1ACV
Rich, W1RAG





Logging

- 30 dupes
- 36 busted calls
- K9AV



Enter Query. by Callsign Database News Forums



GEORGE R MEYER
4232 PARK CT
LAS VEGAS, NV 89110
USA

QSL **Reported Silent Key**

The Police Amateur Radio Team of Westford, Massachusetts, takes pleasure in presenting the

Paranormal Propagation Award

To

Robert Glorioso, W1JCS

For unprecedented achievement in establishing two-way communications with a deceased Radio Amateur, from the Police Amateur Radio Team (PART) of Westford's CW station located in Concord, Massachusetts, during the 2018 ARRL Field Day event. This contact is all the more noteworthy because the signals emanated from a magical antenna that he personally designed, built, and strung up with his trusty bow and arrow. His advancement of the field of Paranormal Electromagnetic propagation shall be celebrated forever in this world and others of which we are unaware.

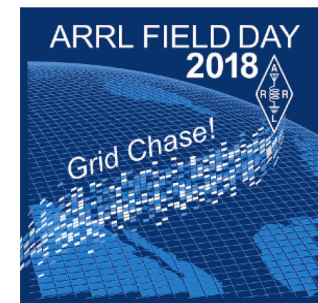
June 24, 2018



George Allison, K1IG, Field Day Chairman

Andrew Stewart, KB1OIQ, PART President

Hiram P. Maxim, W1AW (SK), Founder, ARRL



Total Points

Mode	QSOs	Multiplier	Total
CW	830	2	1660
Digital	61	2	122
Phone*	645	1	645

* SSB, VHF, Sat, GOTA

Subtotal: 2427

Power Multiplier: x 2

Total QSO Points: 4854

Bonus Points: + 1830

Total Points = 6,684



Previous Scores

Year:	2012*	2013*	2014	2015	2016	2017	2018
QSOs:	592	723	1,669	932	1,319	1,307	1,536
Points:	6,345	7,355	6,212	4,212	5,834	5,820	6,684

* QRP

Note: Fun is not measured by the score!



Things That Worked

- Setup and teardown
 - Lots of volunteers
- Ferrites cured headphone interference at Phone station
- 6 meter loop
- Press releases



Lessons Learned

- Even at the bottom of the sunspot cycle we can make a lot of contacts – be ready when the bands open up.
- Antenna analyzers don't give all the information you need about an antenna system.
- Things go smoother with lots of help.
- We can always use more operators, especially CW & Digital