



NASHUA AREA RADIO SOCIETY 2018 FIELD DAY

JULY 3RD, 2018

2018 Field Day Team Leads

Member	Call	Leading
Fred Kemmerer, David Merchant, Hamilton Stewart	AB1OC, K1DLM, K1HMS	Field Day Planning Team
Fred Kemmerer	AB1OC	Station Master (SSB Stations)/Solar Bonus
Mike Ryan	K1WVO	Station Master (CW Stations)
Anita Kemmerer, Dave Merchant	AB1QB, K1DLM	Station Master (Digital/GOTA Stations)
Mike Ryan	K1WVO	Station Master (6m)
Fred Kemmerer, Curtis Dude	AB1OC, N1CMD	Station Master (Satellite)
Hamilton Stewart	K1HMS	Tower/Beam Chairperson
Jamey Finchum	AC1DC	Wire Antenna Chairperson
Dave Merchant	K1DLM	Network Chairperson
Anita Kemmerer	AB1QB	Scoring Chairperson
Valerie Merchant		Food Chairperson
Anita Kemmerer	AB1QB	Youth Outreach/Public Info Chairperson
Craig Bailey	N1SFT	Transportation Team Chairperson
Sterling Eanes	AK1K	Emergency Message Bonus
Patrick Morrison	KC1HDN	Safety Officer
John Halbert	W1SMN	PR Chairman
Desmond Johnson	WK1V	Video and Digital Media Production Chairperson
Anthony Rizzolo	KC1DXL	On-site Signage Chairperson
Anita Kemmerer	AB1QB	Social Media PR Chairperson
Dan Pooler	AC1EN	Technical Training Chairperson
Abby Finchum	AB1BY	RDF Chairperson

What Was New This Year?

- Bigger Station, New Location
 - 10A
 - Hudson Memorial School
- Antennas
 - Yagis Rebuilt and Tested
 - V-Beam Optimized with improved mechanical structure
 - Rebuilt and tuned inverted-V antennas for 40m and 80m
- Automated 3.0 Satellite Station with better antennas and L-Band (1.2 GHz)
- More Digital Stations and SDRs
 - Added FT8 mode
- Greater Attention paid to Inter-Station Interference



Field Day 2018 Site Layout

Hudson Memorial School



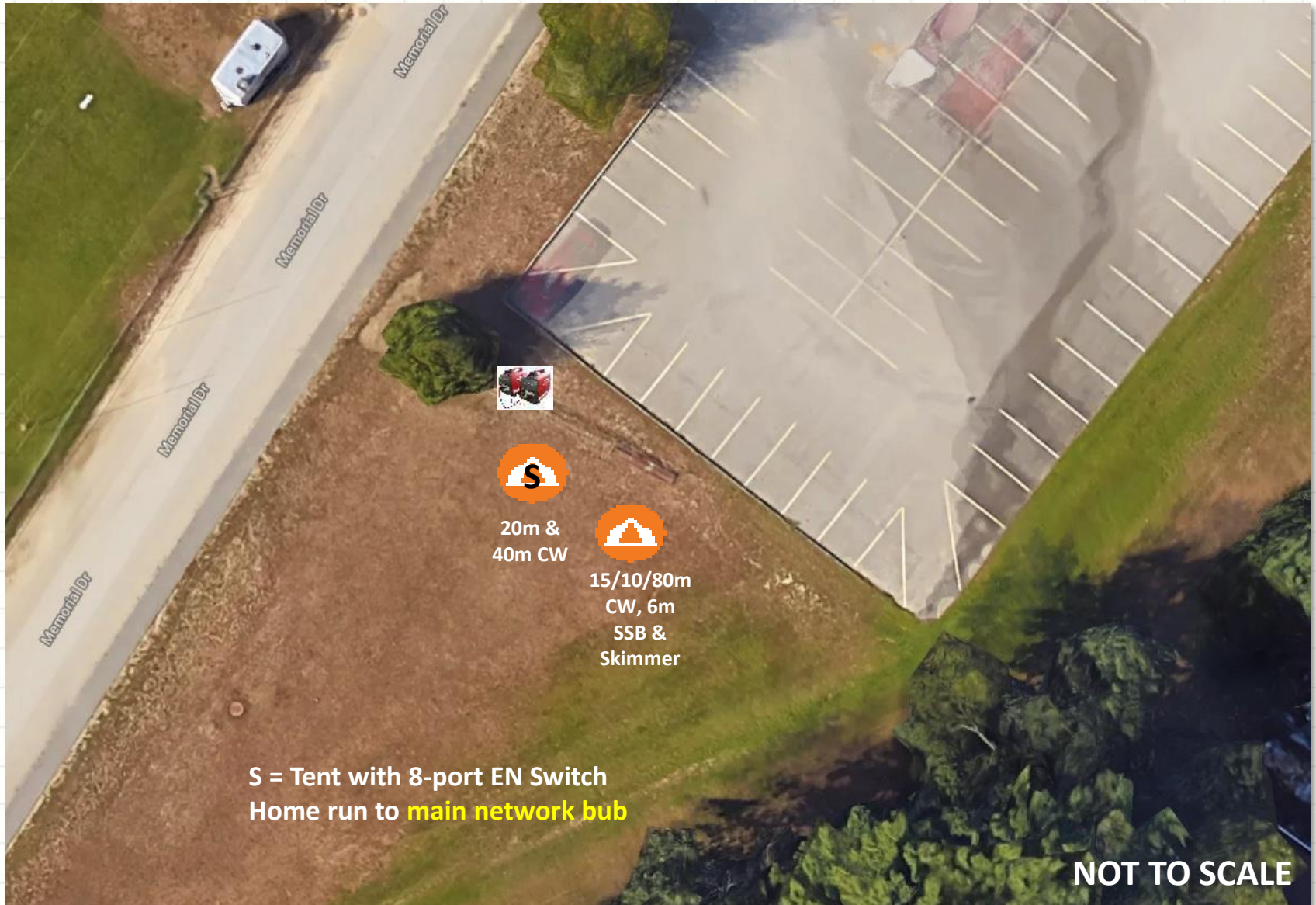
Field Day 2018 Site Layout

Area 1 Details



Field Day 2018 Site Layout

Area 2 Details



Field Day 2018

What Went Well

- Great participation, lots of help to setup!
- 35 Visitors stopped by – several expressed interest in joining NARS and/or license classes
- New new site was great! Solidified partnership with Hudson Memorial School
- Media and Press Coverage was excellent!
- Food was excellent
- GOTA Station activity was higher and earned some points for us
- We did a great job on bonus points and we got our messaging bonus!
- SDR-based GOTA and Digital Stations worked well and earned points for us
- Satellite station was fun and very popular!
- Public Info Tent with was a hit
- V-Beam worked well – best performance ever

Field Day 2018

What We Can Improve

- Need two tower setup teams to share the load
- A logistics leaders to coordinate planning and setup of tents, transport, etc. would be helpful
- We are still short on some coax cables – close this gap next year
- Problems with tents created some excitement during setup
- Interference was much less of a problem but still needs attention on 20m
- Consider replacing triplexers with more robust units
- Networking/N1MM+ was better but still can be improved
- Develop more CW Ops! – CW Training Classes
- Additional operator training on tools and technique would help our score. Also, more focus on BIC...

Score Summary

- 2016 Field Day – 7A: 9,292
 - QSO Score – 7,362
 - Bonus – 1,930
- 2017 Field Day – 7A: 9,832
 - QSO Score – 7,842
 - Bonus – 1,990



Band	CW	Phone	Digital
80m	104	113	
40m	550	613	24
20m	176	158	83
15m	25	299	7
10m		130	
6m		42	
Satellite		36	
GOTA		138	
Total	855	1,529	114

Total QSOs:
2,498

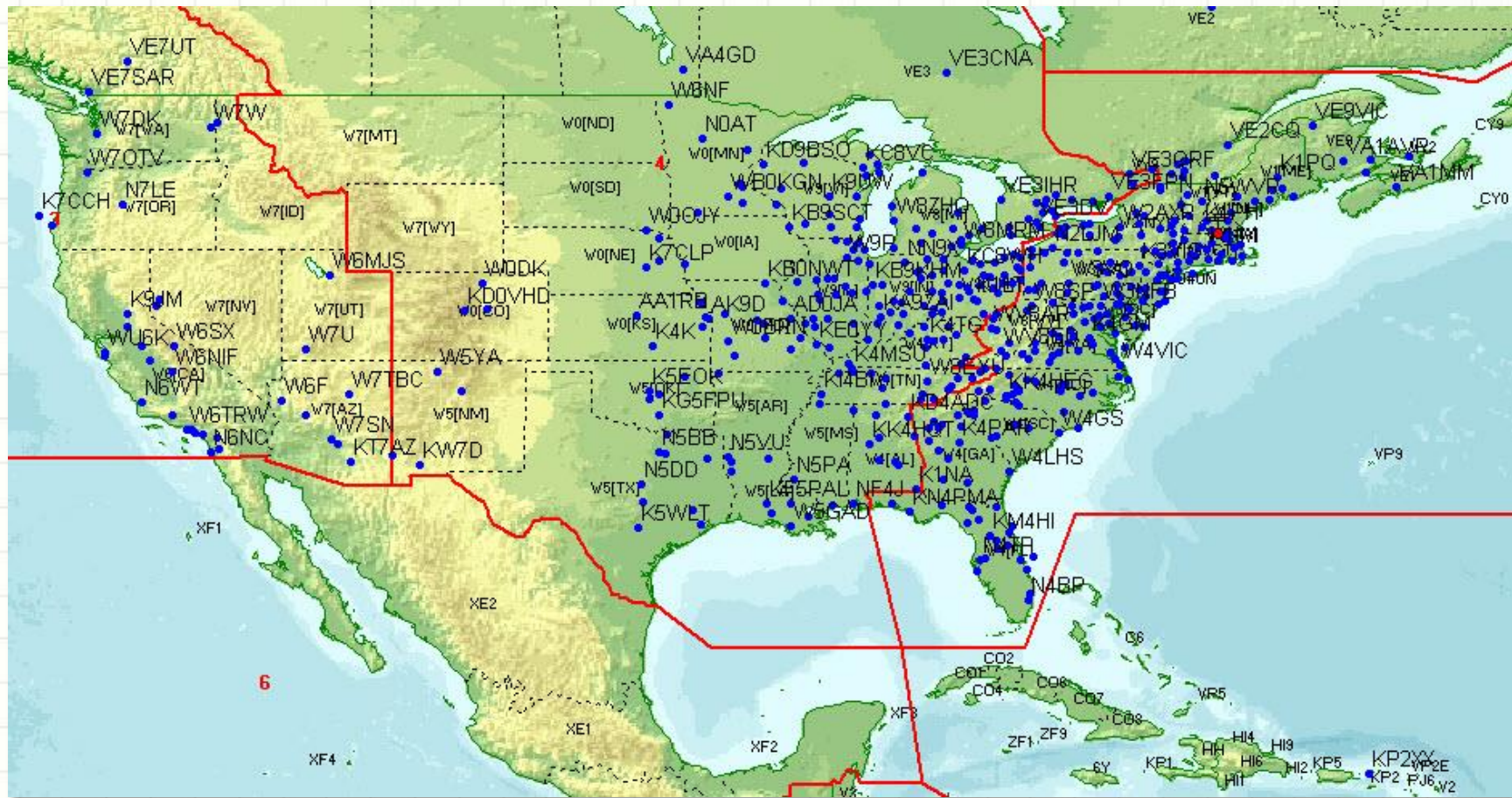
QSO Score:
6,934

Bonus:
2,590

Final Score:
9,524

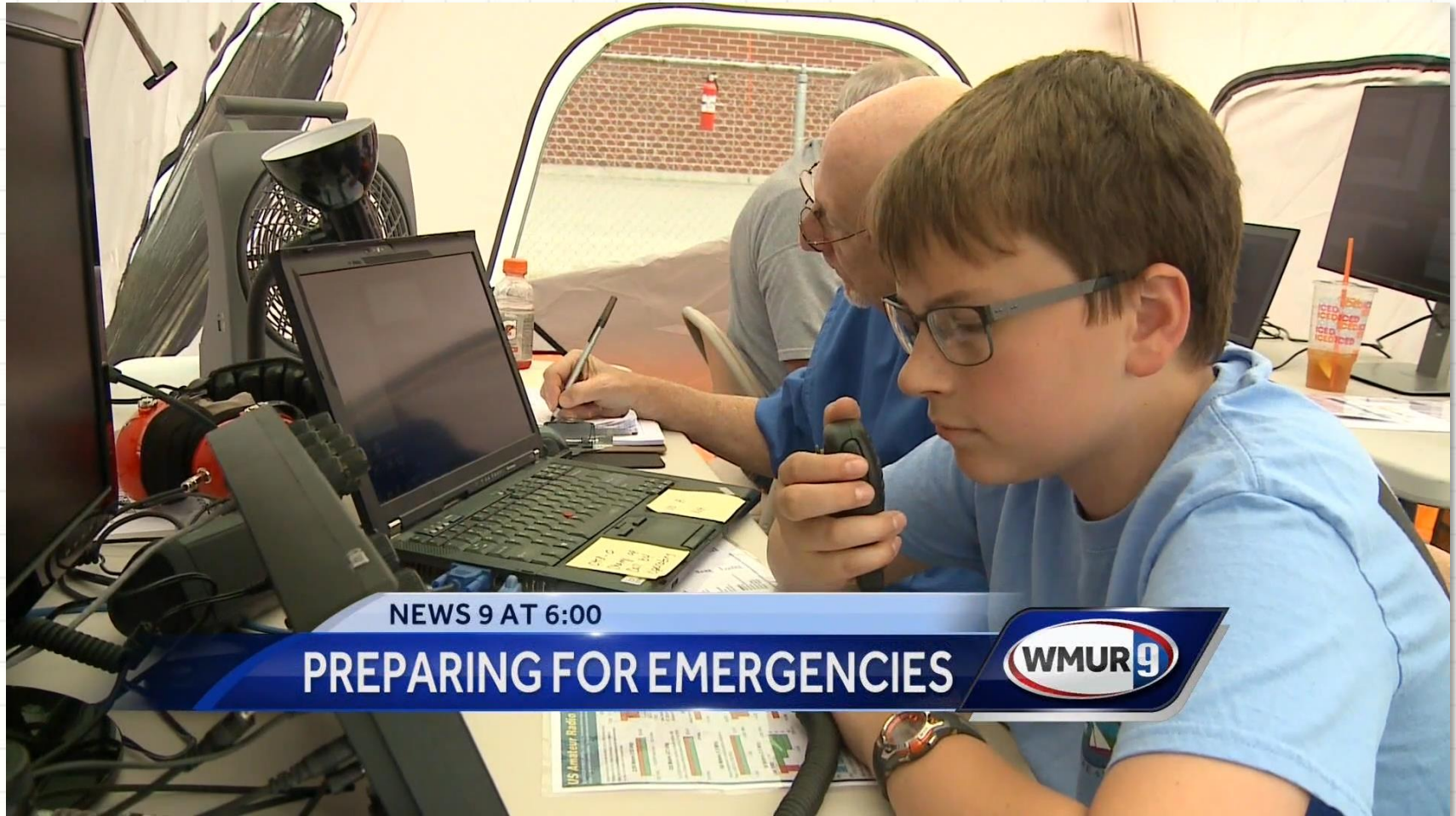
2018 NARS Field Day QSOs

We put N1FD on the map!



TV Coverage

Channel 9 WMUR



2018 NARS Field Day Memories



Field Day 2018

A Final Message

THANK YOU!!!!