

### The Mt. Vernon Amateur Radio Club August, 2015 Newsletter



Meetings are held the 2<sup>nd</sup> Monday of each Month at 7:00 PM at the Knox County Chapter of the American Red Cross, 300 N. Mulberry Street, Mt. Vernon, Ohio

#### Local Ham Community

K8EEN Repeater: 146.790 Mhz (-600 Khz With PL of 71.9 Hz) K8EEN-R Echolink Node: 809800 KD8EVR Repeater: 442.100 Mhz (+5Mhz With PL of 71.9 Hz)



Sunday Night ARES Net at 9:00 P.M. on The K8EEN Repeater Wednesday S. Main St. Wendy's Dinner at 5:00PM Friday Breakfasts at Hardy's at 10:00AM

# Ohio QSO Party August 22 -23

The Ohio QSO party is being held on August 22-23 from 1600Z to 0400Z and your club is invited to participate! Every year many hams in Ohio participate from their home stations, as rovers or as mobiles. Their is also a category for EOC stations and multi operator stations-a great way to get together and have fun with a few friends. Our goal is to have lots of fun making all 88 Ohio counties available on the air for that 12 hour period. The OHQP is a fun way to generate activity and help county hunters get confirmation for Ohio counties.

You are receiving this email because your club is listed as an ARRL affliated radio club in Ohio.

Here's how you and your club can help.

1) Announce the Ohio QSO party at your next club meeting and talk it up. Even getting on for an hour or two will help activity greatly.

2) Place an announcement on your web page and in your newsletter with a link to the Ohio QSO Party web page. (www.ohqp.org

3) If your club has a reflector or hangout on 2 meters announce the Ohio QSO Party and generate some interest.

I found 98 ARRL affiliated clubs in the ARRL database and all of those are receiving this email to the contact listed. Please feel free to pass this on to anyone you think may be interested in participating. Between now and the OHQP I will be available to give a brief talk about the OHQP if you'd like.

Thanks for your help in making the Ohio QSO Party for 2015 a great success!

#### Calendar of Events Mt. Vernon Amateur Radio Club

August 10: Mt. Vernon ARC meeting. 7:00 PM at the Knox County Red Cross Training Center, 300 N. Mulberry St, Mt. Vernon, Ohio

Announced Dxpenditions:

http://www.ng3k.com/Misc/adxo.html

**Aug 5:** Dinner at 5:00 PM at the Southside Dinner on South Main Street. Listen to the Sunday Night Net or contact Richard Huggins (N8RDH) or Emery Bennett for any changes..

Aug 7: Breakfast at Hardy's on Coshocton Rd 10:00 AM

**Aug 8:** Breakfast at Allison's Finer Dinner, 11587 Gilchrist Rd. 9:00 AM

**Aug 9:** ARES Sunday Night Net at 9:00PM on the K8EEN Repeater.

**Aug 12:** Dinner at 5:00 PM at the Southside Dinner on South Main Street. Listen to the Sunday Night Net or contact Richard Huggins (N8RDH) or Emery Bennett for any changes..

Aug 14: Breakfast at Hardy's on Coshocton Rd 10:00 AM

Aug 15: Date approximate. Special Event Station for the Dam Emmet Days. THIS EVENT HAS BEEN CANCELED.

\*\*\*Continued on Page 2\*\*\*

# MINUTES OF THE JULY 13<sup>TH</sup>, 2015 MVARC MEETING

Meeting called to order by President KC8EVS at 7:01 PM.

Motion to approve June Meeting minutes: Moved N8PPF, 2<sup>nd</sup> K8AEC. Approved.

Motion to approve July treasurers report: Moved AC8PT, 2<sup>nd</sup> KB8QPO. Approved.

#### PRESIDENTS REPORT

President discussed the upcoming bicycle events and possible personnel needed. Pan Ohio Hope Ride on July 24<sup>th</sup>, and Pelotonia August 8<sup>th</sup> and 9<sup>th</sup>. Persons interested in helping are to contact KC8EVS or N8IBR.

He discussed a very successful MVARC Field Day operation this year. We again set a new total contact record this year. We forgot to pursue some bonus point items, or we might have set a new total point record also. Something to look at for next year.

Mentioned upcoming Ohio QSO Party on August 22<sup>nd</sup>, 2015. Running from noon to midnight.

If a site can be secured, N8IBR plans to put a Special Event Station on the air, Saturday August  $15^{\rm th}$ , from 10:00 AM TO 4:00 PM during The Dan Emmet Days Festival. Contact N8IBR if interested.

Reminded the membership that we will do the finale planning at the August meeting for our Special Event Station operating from Mohican State Park September 12<sup>th</sup>. This operation will be on the air from 12:00 noon to 8:00 PM. This will be a fun event for both the new hams and the old timers. All are encouraged to participate. Contact KC8EVS or N8IBR for details.

#### **OLD BUSINESS**

N8PPF reported repeater functioning okay.

KC8EVS reported N8PPF and W8PEN have two nodes up and running on the MESH Network. And, W8PEN has indicated that he and KD8EVR will be putting up two new High Profile Nodes in the near future. These additional Nodes will be located at prime locations, and should really increase the networks coverage throughout the Mt. Vernon area.

#### **NEW BUSINESS**

KC8EVS and N8IBR discussed the upcoming Columbus Ham Fest on August 1<sup>st</sup>. This year's ham fest will include the Great

#### Calendar of Events Continued from Page 1

**Aug 16:** ARES Sunday Night Net at 9:00PM on the K8EEN Repeater.

**Aug 19:** Dinner at 5:00 PM at the Southside Dinner on South Main Street. Listen to the Sunday Night Net or contact Richard Huggins (N8RDH) or Emery Bennett for any changes..

Aug 21: Breakfast at Hardy's on Coshocton Rd 10:00 AM

Aug 22 – 23: Ohio QSO Party: http://www.ohqp.org/

**Aug 23:** ARES Sunday Night Net at 9:00PM on the K8EEN Repeater.

**Aug 26:** Dinner at 5:00 PM at the Southside Dinner on South Main Street. Listen to the Sunday Night Net or contact Richard Huggins (N8RDH) or Emery Bennett for any changes..

Aug 28: Breakfast at Hardy's on Coshocton Rd 10:00 AM

**Aug 30:** ARES Sunday Night Net at 9:00PM on the K8EEN Repeater.

**Sept 2:** Dinner at 5:00 PM at the Southside Dinner on South Main Street. Listen to the Sunday Night Net or contact Richard Huggins (N8RDH) or Emery Bennett for any changes..

Sept 4: Breakfast at Hardy's on Coshocton Rd 10:00 AM

**Sept 6:** ARES Sunday Night Net at 9:00PM on the K8EEN Repeater.

**Sept 9:** Dinner at 5:00 PM at the Southside Dinner on South Main Street. Listen to the Sunday Night Net or contact Richard Huggins (N8RDH) or Emery Bennett for any changes..

**Sept 12:** Ohio State Parks On The Air. Contest at Mohican State Park. See Frank Counts, KC8EVS, for more information.

Lakes ARRL Convention. So there will be more ARRL programs this year. N8IBR stated one which might interest both new and old ARRL members alike will be the "Woulf Hong" presentation. If you don't know what Woulf Hong is, attend and find out. You do need to be an ARRL member to attend this event. By the way, N8IBR will be participating in the skit involved with this presentation.

Motion that the club pay for the admission and booth space W8PEN will be using to sell items donated to the club. Moved N8IBR,  $2^{nd}$  KC8UR. Approved.

We had 17 members present.

No 50/50 drawing this month.

#### The Mt. Vernon Amateur Radio Club

Motion to adjourn, W8UMH, 2<sup>nd</sup> AC8PT. Approved. Adjourned 8:13 PM.

Respectfully submitted, N8IBR Secretary MVARC

## MVARC Treasurers Report August 2015

Total: \$2,673.61 <b>Deposits:</b> Total: \$347.00										
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Total: \$347.00	Deposits:									
Checks:										
Tom Evans KD8HSA: \$ Jim Williams N8IBR: \$	365.00 335.00 36.00 75.00									

Tony Spiegel, KC8UR

Total:

## Tom Evans, KD8HSA Shows off Go Boxes

811.00

During the June meeting and Field Day, Tom Evans KD8HSA demonstrated the go boxes he has been working on for the club.



President:	Frank Counts, KC8EVS
	fcounts@gmail.com
	Phone: 740-393-3002

- V. President: Tom Evans, KD8HSA Phone: 740-625-5138 tom65@embargmail.com
- Secretary: Jim Williams, N8IBR <u>n8ibr51@centurylink.net</u> Phone: 740-967-0627
- Treasurer: Tony Spiegel, KC8UR tony516@embarqmail.com Phone: 740-392-7586
- Trustees: Don Russell, W8PEN W8pen@arrl.net Phone: 740-397-0249 Call & Repeater Trustee

Barry Butz, N8PPF <u>n8ppf@mvarc.net</u> Phone: 740-397-7540 Equipment Trustee

Directors: Jim Jennessee, KD8UT kd8ut8@gmail.com Phone: 740-397-07

> Emery Bennett, W8TW eabenn2002@hotmail.com Phone: 740-397-8127

David Byrd, KD8RST dbryd@roadrunner.com Phone: 740-392-6325

Barry Butz, N8PPF <u>n8ppf@mvarc.net</u> Phone: 740-397-7540

Jeff Butz, N8SMT jaylynn4@gmail.com Phone: 740-965-9368

Don Russell, W8PEN w8pen@arrl.net Phone: 740-397-0249

Don Blizzard, W8UMH w8umh@yahoo.com 740-392-9753

#### **Newsletter Editor:**

Don Russell, W8PEN w8pen@arrl.net Phone: 740-397-0249 These go boxes are really neat and are a step forward in our emergency preparedness goals. Tom is rightly proud of these two units. See the pictures below.



Thanks Tom, for all your hard work in making this happen.

## How much performance do you really need?

#### By Dan Romanchik, KB6NU

A reader recently e-mailed me:

"Just a quick question – Are you still in the thinking stage about getting an Elecraft K3? Great rigs, aren't they?

"What I would like you to think about, though, is how many contacts you log in one year's time. If you log 100 per year (check your log) then your cost will be \$50 per contact for that year. If you log 500, then your cost will be \$10 per contact. If you keep that rig for three years, and log 500 contacts over that time, then you will have spent \$10 per contact.

"Now, consider what that rig will be worth in three years. Will there be something come along that just blows the K3 away in terms of performance?"

I replied:

"K3s are great radios. I've just purchased a used KX3, though, so I am not planning on getting a K3 in the near future. I have purchased a 50-W HobbyPCB amp to use with the KX3, so I'm not going full QRP.

"I make a lot of QSOs/year. My average over the last 13 years is more than three per day, and that doesn't include contacts made with other callsigns, such as the club station, or on Field Day. I'm sure that my cost/QSO will be low enough to justify my investment. :)

"In addition, rigs seem to keep their value pretty well. I'd

guess that you can sell a three-year-old K3 for at least 80% of what you paid for it. I think that one of the reasons that an Elecraft K3 is worth the investment is that Elecraft provides such good customer support, and that they are continually improving their radios. For example, they just came out with a new synthesizer board, with better RF specs, for the K3.

"I don't see anyone coming out with a radio that blows the K3 away in terms of performance in the near future, although I might be wrong. FlexRadio has perhaps the best chance of doing that, but you'll have to buy into the Flex user interface philosophy to take advantage of that. I think that Elecraft and Flex, plus the three Japanese manufacturers, will make incremental performance improvements over the coming years, leapfrogging one another as they bring out new models.

"One thing to think about is how much performance is overkill? Just like you can now buy a computer that has way more computer power than the average user will ever need, I think that most of these high-end radios offer way more performance than the average ham will ever need. It's cool to look at the Sherwood Engineering receiver tests and see that your rig is in the top ten, but will the average ham actually notice the difference? My guess is probably not.

"Thanks for sparking my thought process on these issues."

My guess is that most amateur radio operators don't think about what the rig will be worth in three years when buying an HF transceiver. Instead, they're looking at what the radios that are currently available cost, and when there's a big price difference between two models that appeal to them, they're trying to figure out if the higher price is warranted. In many cases, the lower-priced model wins out. It's not because the more expensive radio isn't better, but it's not that much better.

It all goes back to how much performance you actually need. Yes, you can probably do more with a \$10,000 radio than you can with a \$1,500 radio, but is it really worth the added expense? In other words, are you going to have more fun with a \$10,000 radio than you are with a \$1,500 radio?

Let me know what you think. E-mail me at cwgeek@kb6nu.com.

When he's not agonizing over what radio to buy, Dan operates CW on 30m and blogs about amateur radio at www.kb6nu.com. He's the author of the "No Nonsense" amateur radio license study guides and the CW Geek's Guide to Having Fun with Morse Code.

# THE AFFILIATED CLUBS COORDINATOR REPORT

#### John Myers, KD8MQ - ACC kd8mq@arrl.net

From the Ohio Section News, July 2015.

Well, Field Day is over. What a weekend, huh? This was the rainiest field Day I can remember in quite a while. While a couple of the clubs I visited changed their locations, most toughed it out, and were rewarded. The rain was not constant. I even saw periods of blue skies up in Mahoning County on Saturday Afternoon. Thanks to all the clubs who extended a warm greeting to a soggy Affiliated Club Coordinator.

My travels were limited to NE & East Central Ohio this year. I managed around 300 miles on the road that day. Road surfaces varied from grass covered cemetery paths to several miles on the Ohio Turnpike.

What I saw that day impressed me. Hams coming together to put up and operate antenna farms that were awesome! I only wish I'd been able to visit more of you.

Let's give a congratulations and thank you to the latest Special service Club appointments, and renewals from the section. Join me in recognizing the following clubs for taking that next step:

Alliance ARC

Mahoning Valley ARA

Cambridge ARA

Tusco ARC Inc

Ashland ARC

Lake County ARA Inc

Canton ARC

There are a lot more Ohio clubs that qualify for Special Service Club Status. You just need to get your paperwork sent in. If you have any questions, please contact me. What I don't know, I will find out for you. I will be in Columbus on the first for the Great Lakes Division Convention. If you see me, please introduce yourself. I'm looking forward to meeting lots of you in Columbus!

And now for some notes from around the state:

The Westpark Radio ops are making plans for this month's club picnic. No word as yet on how their Field Day went.

The Massillon ARC recently held their annual Ice Cream Social. They are still looking for volunteers for a couple of Pro Football HOFCEnshrinement Festival events.

Alliance ARC recently held their W8T special event operation at the KD8MQ QTH. Unfortunately, conditions were horrible, so not a lot of QSOs were made, but instead we experimented a bit with 6 Meters, and socialized. In other words, when the bands hand you lemons, order pizza!

The Mount Vernon ARC newsletter mentions that they are preparing for the Pan-Ohio Bi Race coming through Knox County. They are also planning for activating Mohican State Park in Septembers Ohio State Parks On-The-Air contest.

Speaking of the State Parks Contest, the sponsor, Portage County ARS will be setting up a table at the convention on August 1st. You can get your OSPOTA questions answered there.

And that wraps up this mid-summer ACC column. See you in Columbus!

73 DE KD8MQ

## The Mt. Vernon Mesh Network Project

The Mesh Network project that several club members are working on has slowed considerably. By no means is the project dead however.

In the very near future, I hope to have a Network Node at the water tower on Wooster Road. This node alone will cover a lot of Mt. Vernon. The second node will follow. Perhaps the same day. There is some discussion going on about where best to install this second node.

Our options are Arlin Bradfords KD8EVR's tower on the East end of Mt. Vernon, The water tower behind K-Mart (would take some work), or the Roof of the Knox Community Hospital.

The KCH site would be the easiest to install. We already have a 2 meter antenna there. Installing the equipment would probably only take a couple of hours at most. This might be a good test site and if things don't work out, we still have the other more difficult sites to try.

The third site that I would like to see set up is on the tower at the parking garage at Gay Street and Chestnut street. With these three sites, I would think that we would have good coverage through all of Mt. Vernon and the downtown area. Remember, microwaves are mostly line of site.

We can add other nodes as we get experience and find a need for them. And of course, each club member that joins our party would become a node too. I encourage leaving all nodes on 24/7. This way we would have the best coverage possible.

As far as club expense, the equipment for two of the three nodes has already been purchased and donated by Frank Counts KC8EVS and myself, Don Russell W8PEN. Ruben Clark KB2SAI has donated antennas to the cause. We have a few pieces for the third node. The rest can be readily obtained when the time comes. Cost to the club will be minimal.

Currently, I have a permanent node at my house. The antenna is on a 55 foot tower at the very top. I have been running tests to see just what can be done distance wise and have found that indeed, trees and buildings have a very big impact on whether two sites can link or not. So far, the best DX has been 2..3 miles between my tower and my mobile mesh set up.

Barry Butz N8PPF has a permanent node up right now but needs to get the antenna up a bit higher to be useful.

In another development, Jim Williams N8IBR and I are experimenting with a couple of 900 Mhz mesh units. This may be helpful in our Network because 900 Mhz can go through trees much easier than 2.4 Ghz does. Line of site would not be needed. I have been able to tie my 900 Mhz Mesh node and my 2.4 Ghz Mesh node together so they talk to each other. Once done, the 900 Mhz can talk to all 2.4 Mhz nodes and vice versa. This may enhance our coverage of the fringe areas for some of our members.

So what to do once we get all these nodes going? Frank KC8EVS is experimenting with VOIP (Voice Over Internet Protocol). This will work great with our mesh network. I have been looking at a keyboard chatroom. I can see a time when those on the Sunday Night Net will be able to see each other. No pajamas then.....

This is going to be a fun project. Anyone inside Mt. Vernon wishing to join our little group (whether a club member or not) please feel free to give me a call.

# Fly Baby, Fly!

Barry Butz N8PPF and son Craig brought over a small drone a week or so ago. I had been wanting to see what my Mesh antenna was seeing line of site wise and this was a good opportunity for doing so without having to stand on the top rung of my tower. Oh, the Mesh antenna is about 7 feet above that very top rung. I was hoping to see the water tower an Wooster Rd to confirm that I was line of site with the tower and I would have not problem connecting to a node if one was placed there.

With that idea in mind, the project a bit disappointing. Looks like I have one or two local trees blocking the view.

Here are some pictures taken by the drone:







## Amateur Radio Vanity Call Sign Fee to Disappear in September

From the ARRL Letter, July 30, 2015.

The Amateur Radio vanity call sign regulatory fee is set to disappear in the next few weeks. According to the bestavailable information from FCC sources, the first day that applicants will be able to file a vanity application without having to pay a fee is Thursday, September 3. In deciding earlier this year to drop the regulatory fee for Amateur Radio vanity call signs and General Mobile Radio Service (GMRS) applications, the FCC said it was doing so to save money and personnel resources. The Commission asserted that it costs more of both to process the regulatory fee and issue refunds than the amount of the regulatory fee payment.

"Our costs have increased over time, and now that the costs exceed the amount of the regulatory fee, the increased relative administrative cost supports eliminating this regulatory fee category," the FCC said in its Report and Order, which appeared on July 21 in The Federal Register. "Once [it's] eliminated, these licensees will no longer be financially burdened with such payments, and the Commission will no longer incur these administrative costs that exceed the fee payments."

In 2014 the FCC raised the Amateur Service vanity call sign regulatory fee from \$16.10 to its current \$21.40 for the 10-year license term. The \$5.30 increase was the largest such fee hike in many years. In a typical fiscal year, the FCC collected on the order of \$250,000 in vanity call sign regulatory fees.

The FCC said the revenue it would otherwise have collected from such regulatory fees "will be proportionally assessed on other wireless fee categories." Congress has mandated that the FCC collect nearly \$340 million in regulatory fees from all services in fiscal year 2015.

## **FROM THE EDITOR**

## This article was first published in the November 2005 Newsletter

It is with mixed feelings that I report Phil, N1GTZ, has decided to retire as our Newsletter Editor. I say mixed feelings because while I never really wanted to be Editor, I must admit that the challenge has me excited. Originally, I had a couple of members in mind to ask if they would take over being Editor and I would continue on as the "Print Master". Well, they will have to wait. It may be that there will be three Editors that share the responsibility from month to month. This would be good in that one would only have to Edit the Newsletter four times a year. Less "burn out" time. Another advantage would be that there no doubt would be competition between the Editors to see who puts out the best Newsletter. That would definitely benefit the readers.

For now, however, I will give it a shot. Phil should be commended for his dedication to putting out a monthly Newsletter. He also deserves a pat on the back for putting up with me. I did everything short of harassment to make sure I got the snail mail version in time for it to be printed and mailed by my schedule. Then I would sometimes turn up the heat to make sure the on-line version was indeed, "on line". Looking back on Phil's work, we had some darn good Newsletters. Most were at least a bit above average in quality and content.

I do have my own ideas on how to make our Newsletter better. I have been working hard on last months Newsletter, experimenting with different things I would like to do. My last version of the October Newsletter looked really nice, but I plan to do better.

Our Newsletter will be nothing without support from the local ham community. I want to keep the local flavor in our Newsletter and only use outside sources as a "fill". The less fill the better (no pun intended, Phil!). So please send your contributions to me. I hope that the President, Emergency Coordinator, and Public Information Officer will submit something monthly. I would also like any local ham to feel free to send me an article or two. One of the things I would like to start is a "Member Profile". Anyone that wants to open up, now would be a good time. A membership profile each month would take several years to go through the entire membership. Don't be surprised if I give readers a land line and ask for an interview. Send any contributions to me at wa8yrs@arrl.net. If you do not have a computer, then hand write it out and mail it to me at 815 Brookwood Rd., Mt. Vernon, Ohio 43050, Either send the article in the e-mail itself, or attach a doc file. If I can't read it I will let you know.

Lacking local contributions, I will be searching the internet for interesting articles that I can use. This is where you, the reader, can help also. See an interesting article on the Internet? Send me the web page and I will check it out. Remember that it must state that it may be reprinted without permission. If something is really good though, I do not mind emailing the author to obtain permission.

Enjoy the Newsletter. Don, WA8YRS

STATION CALLSIGN:

# HF Log Sheet

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COMMENTS													
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SIG:

ONE	Everyone safe here. Please don't worry.		Please furnish this information and reply	SIXTY THREE	Victory or defeat, our best wishes
TWO	Coming home as soon as possible.		without delay.		are with you. Hope you win.
THREE	Am in hospital. Receiving excellent care and re-	<b>TWENTY THREE</b>	Report at once the accessibility and best	SIXTY FOUR	Arrived safely at
	covering fine.		way to reach your location.	SIXTY FIVE	Arriving on Please
FOUR	Only slight property damage here. Do not be con-	<b>TWENTY FOUR</b>	Evacuation of residents from this area		arange to meet me there.
	cerned about disaster reports.		urgently needed. Advise plans for help.	SIXTY SIX	DX QSLs are on hand for you at the
FIVE	Am moving to a new location. Send no further mail	TWENTY FIVE	Furnish as quickly as possible the weather		QSL bureau. Send self
	or communication. Will inform you of new address		conditions at your location.		addressed envelopes.
	when relocated.	TWENTY SIX	Help and care for the evacuation of sick	SIXTY SEVEN	Your message number unde-
SIX	Will contact you as soon as possible.		and injured from this location needed at		liverable because of Please
SEVEN	Please reply by amateur radio through the amateur		once.		advise.
	delivering this message. This is a free public service.	FORTY SIX	Greetings on your birthday and best	SIXTY EIGHT	Sorry to hear you are ill. Best
EIGHT	Need additional mobile or portable equipment		wishes for many more to come.	<u>Sixtreioni</u>	wishes for a speedy recovery.
	for immediate emergency use.	FORTY SEVEN	Reference your message number to	SIXTY NINE	Welcome to the We are glad
NINE	Additional radio operators needed to assist		delivered on at UTC.	JIATTIME	to have you join us and hope you
	with emergency at this location.	FIFTY	Greetings by amateur radio.		will enjoy the fun and fellowship
TEN	Please contact Advise to standby and provide	FIFTY ONE	Greetings by amateur radio. This message		of the organization.
	further emergency information, instructions or		is sent as a free public service by ham		or moorganization.
and the second second	assistance.		radio operators at Am having a		
ELEVEN	Establish Amateur radio emergency communications		wonderful time.		andling Instructions
	with on MHZ.	FIFTY TWO	Really enjoyed being with you. Looking		by number) Collect landline delivery
TWELVE	Anxious to hear from you. No word in some time.		forward to getting together again.		addressee within miles. (If no
	Please contact me as soon as possible.	FIFTY THREE	Received your It's appreciated;		rized unlimited)
THIRTEEN	Medical emergency situation exists here.		many thanks.		by number) Cancel message if not
FOURTEEN	Situation here becoming critical. Losses and damage	FIFTY FOUR	Many thanks and good wishes.		inhours of filing time; service
	from increasing.	FIFTY FIVE	Good news is always welcome. Very	originating sta	
FIFTEEN	Please advise your condition and what help is needed.		delighted to hear about yours.		te and time of delivery (TOD) to origi-
SIXTEEN	Property damage very severe in this area.	FIFTY SIX	Congratulations on your, a most	nating station.	
SEVENTEEN	REACT communications services also available.		worthy and deserved achievement.		originating station the identity of
	Establish REACT communication with on	FIFTY SEVEN	Wish we could be together.		hich received, plus date and time.
	channel	FIFTY EIGHT	Have a wonderful time. Let us know when		of station to which relayed, plus date
EIGHTEEN	Please contact me as soon as possible at		you return.		delivered report date, time and
NINETEEN	Request health and welfare report on (State	FIFTY NINE	Congratulations on the new arrival. Hope	method of deli	
	name, address, and telephone number.)		mother and child are well.		station get reply from addressee,
TWENTY	Temporarily stranded. Will need some assistance.	<u>SIXTY</u>	Wishing you the best of everything on	originate mess	
	Please contact me at				by number) Hold delivery until (date).
TWENTY ONE	Search and rescue assistance is needed by	SIXTY ONE	Wishing you a very Merry Christmas and		y mail or landline toll call not re-
	local authorities here. Advise availability.		a Happy New Year.		or other expense involved, cancel and
TWENTY TWO	Need accurate information on the extent and	SIXTY TWO	Greetings and best wishes to you for a	service origina	ting station.
	type of conditions now existing at your location.		pleasant holiday season.	Designed	l by Dave, N7YSS