



# The ‘Bosun’s Pipe

## FL NAVMARCORMARS

An Information Newsletter

Vol. 5, Issue 1

January 2011

### FROM THE BRIDGE;

Here we are once again in a New Year – 2011 – time to do a few comparisons. Usually, I mention our statistics for the previous year and any outstanding accomplishments. This year I decided to go back a few years and see what we did then and what we are doing now. I must say we are a steady, persistent group of individuals.

	4TH QTR 2007	4TH QTR 2008	4TH QTR 2009	4TH QTR 2010
MEMBERS:	67	67	68	62
PARTICIPATION HRS:	4745	3844	4082	3962
MESSAGES:	386	442	459	497

As you can see, more messages were recorded in 2010 than in any other year and yet we have fewer people. This can be explained by the amount of training we have received over the past year, and the participation we have shown in our ECOM exercises- quantity with quality cannot be denied.

I also wanted to address the participation hours only on our local nets; however, with the changes in net managers and other service exigencies precluding source info needed on end of quarter reports, I was unable to get an exact figure. According to the quarterly reports I could locate, I would say we did not lack for attendance. I’m going to do some more digging in my older files and see if I can come up with a more realistic figure.

We are starting the New Year with a new training officer, a new ECOM officer and a new net manager. I look for new challenges coming “down the pike” and I know we are ready for them. The Green C Award will be up for grabs again this summer. We’ve done a great job this past year; hopefully we will get to keep it again right here in Florida.

We are now starting new for 2011 and we’re going for that one also.

Thank you all for the great year we had. Keep up the good work and a BRAVO ZULU to you all!

A reminder for the coming months:

Chatter and pleasantries go hand-in-hand on the amateur bands, professionalism and training go hand-in-hand on MARS nets.

73,

“Mike”

## January 2011 Recapitulations

### **NNN0ASA:**

R 031100Z JAN 2011  
FM CHNAVMARCORMARS WILLIAMSBURG VA  
TO ALNAVMARCORMARS  
BT

UNCLAS

SUBJ: CHNAVMARCORMARS BCST 01-11

1. THE ANNUAL RECAPITULATION OF EFFECTIVE CHIEF MARS BROADCASTS  
FOLLOWS. THE BROADCASTS BELOW REMAIN IN EFFECT:

2002: 2, 15

2003: 3, 7, 8, 16

2004: 2, 8, 11

2007: 3, 5, 6

2008: 4, 6, 7, 11

2010: 2, 3, 5, 7, 8

2. ALL OTHER BROADCASTS MAY BE DESTROYED.

3. ALL HANDS ARE REMINDED THAT THE NATIONAL TERROR ALERT LEVEL IS  
CURRENTLY 'ELEVATED' WITH THE AVIATION TERROR ALERT LEVEL AT 'HIGH.'  
NAVY-MARINE CORPS MARS REMAINS AT COMCON III PER NTP 8(D) DRAFT,  
ANNEX D.

4. MARS: TOGETHER WE CAN ACHIEVE ANYTHING.

BT

### **NNN0ASG:**

DE NNN0ASG 0001  
R 041725Z JAN 2011  
FM NNN0ASG MI  
TO NNN0ALL CENTRAL AREA  
INFO NNN0ASA VA  
NNN0ASG ONE IL  
NNN0AS4 GA  
NNN0AS5 MN

BT

UNCLAS

SUBJ: CENTRAL AREA BCST 01/11

1. THE ANNUAL RECAPITULATION OF EFFECTIVE CENTRAL AREA  
BROADCAST FOLLOWS. THE BROADCASTS BELOW REMAIN IN EFFECT:

2010: NONE

2. ALL BROADCASTS MAY BE DESTROYED.

3. CENTRAL AREA: PROUDLY SERVING THOSE WHO SERVE.

4. MARS: TOGETHER WE CAN ACHIEVE ANYTHING.

BT

NNNN

### **NNN0AS4:**

DE NNN0AS4 001  
R 012200Z JAN 2011  
FM NNN0AS4 GA  
TO NNN0ALL REGION FOUR  
INFO NNN0ASG MI  
NNN0ASG ONE IL

BT

SUBJ: REGION FOUR BCST 01-11

1. THE ANNUAL RECAPITULATION OF EFFECTIVE REGION FOUR  
BROADCASTS

2009: 13-10, 14-10

2. ALL OTHER BROADCASTS MAY BE DESTROYED.

3. NAVMARCORMARS: PROUDLY SERVING THOSE WHO SERVE

BT

**NNN0GAL:**

R 012010Z JAN 2011  
FM NNN0GAL FL  
TO NNN0ALL FL  
BT

UNCLAS

SUBJ: FL BCST 01.11 - RECAP

1. ALL FL BROADCASTS MAY BE DESTROYED.
2. FL NAVMARCORMARS SERVING THOSE WHO SERVE

BT

**NNN0AS4 TWO:**

DE NNN0SYH 001  
R 010220Z JAN 2011  
FM NNN0AS4 TWO AL  
TO NNN0AS4 GA  
(NNN)ASS TWO cont.)  
ZEN/NNN0GAA AL  
NNN0GAA TWO AL  
NNN0GAL FL  
NNN0GAL TWO FL  
NNN0GAM GA  
NNN0GAM TWO GA  
NNN0GAT KY  
NNN0GAT TWO KY  
NNN0GBA MS  
NNN0GBA TWO MS  
NNN0GBL NC  
NNN0GBL TWO NC  
NNN0GBS SC  
NNN0GBS TWO SC  
NNN0GBU TN  
NNN0GBU TWO TN  
NNN0GCR PR  
NNN0GCR TWO PR  
INFO NNN0ASA VA  
NNN0ASZ GA  
NNN0ASG MI  
NNN0ASG ONE IL  
NNN0ASG TWO SC  
NNN0TQV FL

BT

UNCLAS

SUBJ: COLLECTIVE CALL SIGN NNN0DVG RECAPITULATION

A. NNN0AS4 TWO 141401Z AUG 03

1. THIS IS RECAPITULATION OF COLLECTIVE CALL SIGN NNN0DVG ESTABLISHED REF A. THE ACTION ADDEES OF THIS MESSAGE CONSTITUTE THE ADDEES OF COLLECTIVE CALL SIGN NNN0DVG.
2. THE FOLLOWING PARTICULARS PERTAIN TO NNN0DVG:
  - A. COGNIZANT AUTHORITY - NNN0AS4 TWO.
  - B. PURPOSE - TO PROVIDE MINUTES OF REGION FOUR ECOM ADMIN NET (4X3A) AND EMERGENCY INFORMATION AND DIRECTIONS TO REGION FOUR ECOM STATIONS.
  3. ADDEES INFORM YOUR SERVICING STATE TRAFFIC REPS TO INSURE PROPER DELIVERY AND RECEIPT OF NNN0DVG MESSAGE TRAFFIC.
  4. MARS: PROUDLY SERVING THOSE WHO SERVE.

BT

# Administration

## DE NNN0GAL

CURRENT ROSTER AS OF 01 JANUARY 2011

ACTIVE: ABZ ACA AFG AHU BFC BGV BMD  
BME BMP BMQ BQD EAF EXY FBG FTK  
HPY HXK IBM ICX IHL IIC JAD KAF  
KLK PIJ REI TAK TFH TQV TWT XNK  
YAX YTB YTD ZTT ZZP ZZW = 37

SNOWBIRDS: 02

ASSOCIATE: BDV BJX LMT QJN RRH SNW ZEW = 07

INACTIVE: ABA BVZ EAA EGS FER GHT HYV OYM RAQ  
TGP UYA ZIA ZZZ = 13

HONORARY: JFR VMR YNU = 03

AFLOAT: IBM TWT = 02

SHARES: BJX BQD IBM IHL TFH TWT ZZW = 07

TANGOS: 00

TOTAL: 62

. ACTIVE: 37  
SNOWBIRDS 02  
TANGOS: 00  
ACTIVE ASSOC: 01  
TOTAL: 40

### COMMUNICATOR OF THE QUARTER 2007 - 2010

2007				4QTR ABZ
2008	1QTR ICX	2QTR ABZ	3QTR TFH	4QTR VDG
2009	1QTR EDK	2QTR YTB	3QTR EDK*	4QTR EKB
2010	1QTR BGV	2QTR TAK	3QTR ICX	4QTR IIC

\*SK

From NNNØGAL THIRTEEN:

We've had a busy year. This year we saw new members FBG, FTK, KAF, KLK, and TVQ join us, and EKB, VDG and WHB leave. We have had a few visitors as well: QMK, LDX, UWH and WAZ have been welcome on our nets.

To Gary (NNNØEKB) – we will all miss you. Your contribution in hours and service to Navy-Marine Corps MARS amounted to 2223 hours this year – that's one man-years' service. We will also miss that mischievous sense of humor of yours – those crosswords were fiendish!

For our annual hours:

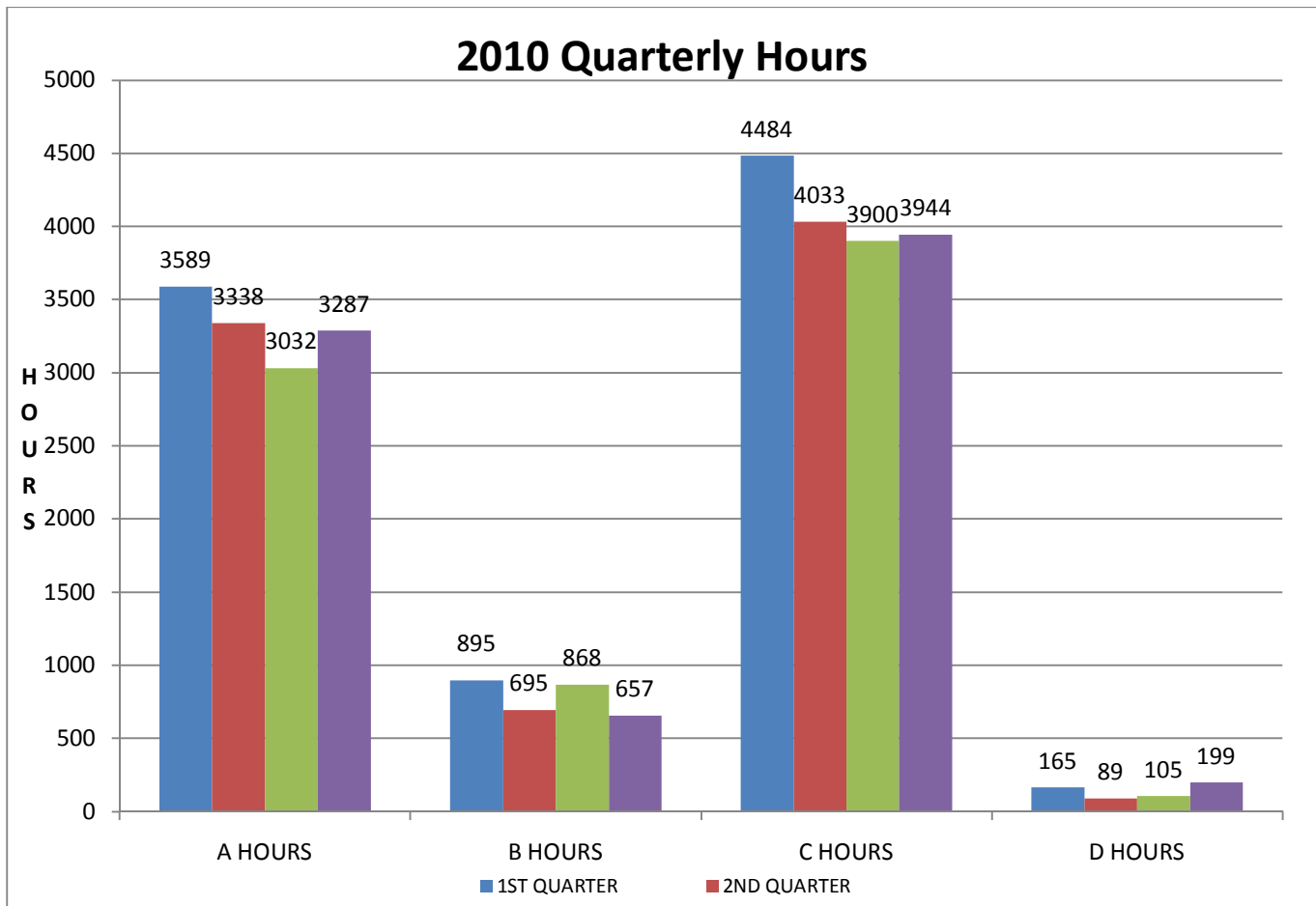
- A. 13246 total net hours, plus an additional 18 hours for NNNØWAZ added up to 13264 net hours.
- B. 3115 non-net reportable hours.
- C. 16361 total reportable hours, plus the 18 hours for NNNØ added up to 16397 reportable hours.
- D. 558 "Other" hours.

The total of 16937 does not include the Haitian support hours.

E. 1049 hours for Haiti operational support.

Total annual hours were 17986 when including Haitian operational support.

73, and see you on the nets in 2011!



# Emergency Communications

EMERGENCY COMMUNICATIONS REPORT FOR 2010

NNN0GAL TWO SERVED FLORIDA NAVMARCORMARS THIS YEAR WITH ADDITIONAL TRAINING ON EEI REPORTS INCLUDING THE FORMATTING, LISTING AND PASSING OF SAME. FOUR EXERCISES WERE CONDUCTED, ONE EACH QUARTER, GIVING FL NAVMARCORMARS POINTS TOWARDS WINNING THE GREEN-C AWARD. THIS TRAINING IS VALUABLE BECAUSE YOU NEVER KNOW WHEN YOU MIGHT ACTUALLY WITNESS AN EVENT WORTHY OF SUCH A REPORT'S SUBMISSION. YOU NEVER KNOW...

FLORIDA WAS OF COURSE BLESSED THIS YEAR WITH A PROTECTIVE SHELL THAT KEPT HURRICANES FROM OUR SHORES. THE DEEP WATER HORIZON OIL SPILL WAS NOT AS BAD AS WE FLORIDIANS ANTICIPATED ALTHOUGH THERE IS PROBABLY STILL SOME NEED TO WORRY WITH SIGNIFICANT AMOUNTS OF OIL REMAINING ON THE GULF FLOOR. TIME WILL TELL.

THREE OF OUR MEMBERS SERVED IN HAITI DURING THE WEEKS IMMEDIATELY FOLLOWING THE DEVASTATING EARTHQUAKE OF 12 JAN 2010. BRAVO ZULU TO NNN0YTB, NNN0YTD AND NNN0EKB. ALSO WORTHY OF SPECIAL RECOGNITION IS NNN0TFH FOR HIS OUTSTANDING WORK IN COORDINATING ASSIGNMENTS OVER THE WEEKS WE SO SERVED. NOT AN EASY TASK GETTING EVERYONE PREPARED FOR A "WEEK OF ROUGHING IT." THOSE THAT DID SERVE AT THE FIELD HOSPITAL AT THE PORT-AU-PRINCE AIRPORT SET UP BY THE UNIVERSITY OF MIAMI-PROJECT MEDISHARES WILL EACH REMEMBER OUR EXPERIENCE IN A UNIQUE WAY BUT EACH HOLDS "CARL'S PLACE" WITH SPECIAL THOUGHTS IN OUR HEARTS AND MINDS REMEMBERING SCHEDULE 40 PVC ALONG WITH TIRED WOOD CAN LEAVE A LASTING IMPRESSION...

GARY

DE NNN0GAL TWO TWO

A.FOR YR 2010 WORKED ON COMPARING THE EFFECTIVENESS OF VARIOUS DIGITAL MODES AND EXPERIMENTING, ESPECIALLY WITH THE LATEST V4CHAT MODE, DURING OUR ALLOTTED 4C1C NET TIME SLOT WHEN NETS WERE NOT SCHEDULED. ALSO DURING THIS TIME PERIOD TRIED TO PROVIDE ASSISTANCE TO STAS NEEDING DIGITAL HELP.

B.VOLUNTEERED TO ASSUME GAL TWO TWO TO PROVIDE ECOM HELP/ASSISTANCE TO NNN0GAL TWO.

C.ACTED AS NCS AND RELAY STA FOR SC NETS WHEN PROPAGATION WAS LONG AND HELP NEEDED.

D.ACTED WEEKLY AS NCS FOR THE REGION FOUR MONDAY MORNING AND EVENING NETS. FOR MOST OTHER NIGHTS ENSURED FL WAS REPRESENTED IN THESE NETS.

E.CHECKED IN NITELY FOR THE NEWLY FORMED REGION FIVE NETS.

F.ADDED DIGITAL SEND AND RECEIVE CAPABILITY FOR MOBILE OPERATION AND EXPERIMENTED WITH DIFFERENT MOBILE ANTENNAS AND THEIR PLACEMENT TO IMPROVE TRANSMITTED SIGNALS.

G.STUDIED FOR AND PASSED THE NMO3 COURSE. CURRENTLY DOING THE SAME FOR THE NMO2 COURSE

2.PROUDLY SERVING THOSE WHO SERVE.

BT

# NET OPERATIONS

## DE NNN0GAL THREE (NNN0BFC):

Below are the final two reports summarizing the frequency usage reports for the year 2010.

R022255Z DEC 2010  
FM NNN0GAL THREE FL  
TO NNN0AS4 THREE GA  
INFO NNN0AS4 GA  
ZEN/NNN0GAL FL  
ZEN/NNN0GAL ONE FL  
ZEN/NNN0GAL EIGHT FL  
BT  
UNCLAS  
SUBJ: GAL FREQUENCY USAGE REPORT FOR NOV 2010  
1. READ IN FIVE COLUMNS  
FREQ MODE DAYS HOURS MESSAGES  
NAW SSB 05 05 00  
NCK SCD 30 48 80  
NCK SSB 30 55 40  
NFH SCD 05 15 16  
NFH SSB 12 15 05  
2. ALE REPORT  
FREQ MODE DAYS HRS MSG  
NGB SCD 2 11 0  
NMA SCD 2 10 0  
2. DATES OPERATED  
NGB 08, 12  
NMA 19, 27  
BT

Each month following the last net of the month, the respective net manager files his monthly report with this office. This station compiles the summary and forwards to NNN0AS\$ THREE the data for his monthly

R 012201JAN 2011  
FM NNN0GAL THREE FL  
TO NNN0AS4 THREE GA  
INFO NNN0AS4 GA  
ZEN/NNN0GAL FL  
ZEN/NNN0GAL ONE FL  
BT  
UNCLAS  
SUBJ: GAL FREQUENCY USAGE REPORT FOR DEC 2010  
1. READ IN FIVE COLUMNS  
FREQ MODE DAYS HOURS MESSAGES  
NAW SCD 07 07 06  
NAW SSB 07 07 05  
NCK SCD 31 76 114  
NCK SSB 31 72 57  
NFH SCD 02 02 00  
NFH SSB 01 01 00  
BT

report. As indicated in the reports of NNN0GAL and NNN0GAL THIRTEEN the net activity and participation is reported. Overall frequency usage has been consistent with earlier years.

### DE 4C1C NET MANAGER (NNN0EKB):

4C1C GOT BETTER AND BETTER AS 2010 PROGRESSED. A VARIETY OF MODES WERE "EXPERIMENTED WITH" AS NEEDS OF NET PARTICIPANTS WERE MET. EACH SATURDAY CW WAS ALLOWED TO FLOW FREELY WITH THE SPEED AT WHAT THISTA THOUGHT WAS A COMFORT-ABLE LEVEL AND THE NET WAS ALWAYS WILLING TO QRS WHEN ASKED TO DO SO.

MT-63 AT 1K LONG WAS THE PRIMARY MODE ON THURSDAYS AT YEAR'S END WITH OLIVIA AT EIGHT TONES, ONE K BANDWIDTH BEING THE NORM ON TUESDAY NETS ALTHOUGH V4CHAT WAS BEING TESTED ON "OFF DAYS."

ATTENDANCE HAS BEEN EXCELLENT WITH MANY STATIONS COMING ABOARD MORE AND MORE OFTEN. LOOK TO GAL THREE FOR NUMBERS SHOULD YOUR INTEREST BE PIQUED AT THIS POINT. HOPE EVERYONE HAS A SAFE, HEALTHY AND HAPPY 2011.

### DE 4C3B NET MANAGER (NNN0BMQ):

Net Summary for 2010 - Total Messages 779

This station assumed the duties of Net Manager following NNN0BJX effective 01 August 2010. There has been a decline in propagation on NCK during the scheduled net time requiring the net to make use of both the primary net frequency (NCK) and the alternate frequency (NAW) on some evenings. During this time, stations from other states (particularly South Carolina) have been helpful in providing additional means for contacting Florida stations

## DE 4C2B Net Manager (NNN0IIC):

WOW, has it been another year already? Happy New Year and welcome 2011.

We continued moving into the digital age with Olivia, MT-63, WL2K with NNN0TAK supplying our own Navy WL2K server and now we have V4 Chat to sort out, it was a very productive year.

But remember, our main mode is voice, that makes it very important for ALL stations to check into a net, be a net control and pass traffic by voice. This year there was a great disparity between voice and digital,

**295** SSB to **724** SCD I know it is so much easier to copy, paste and push the transmit button, but voice keeps our procedures sharp for the real thing.

Let's try to do more voice in 2011.

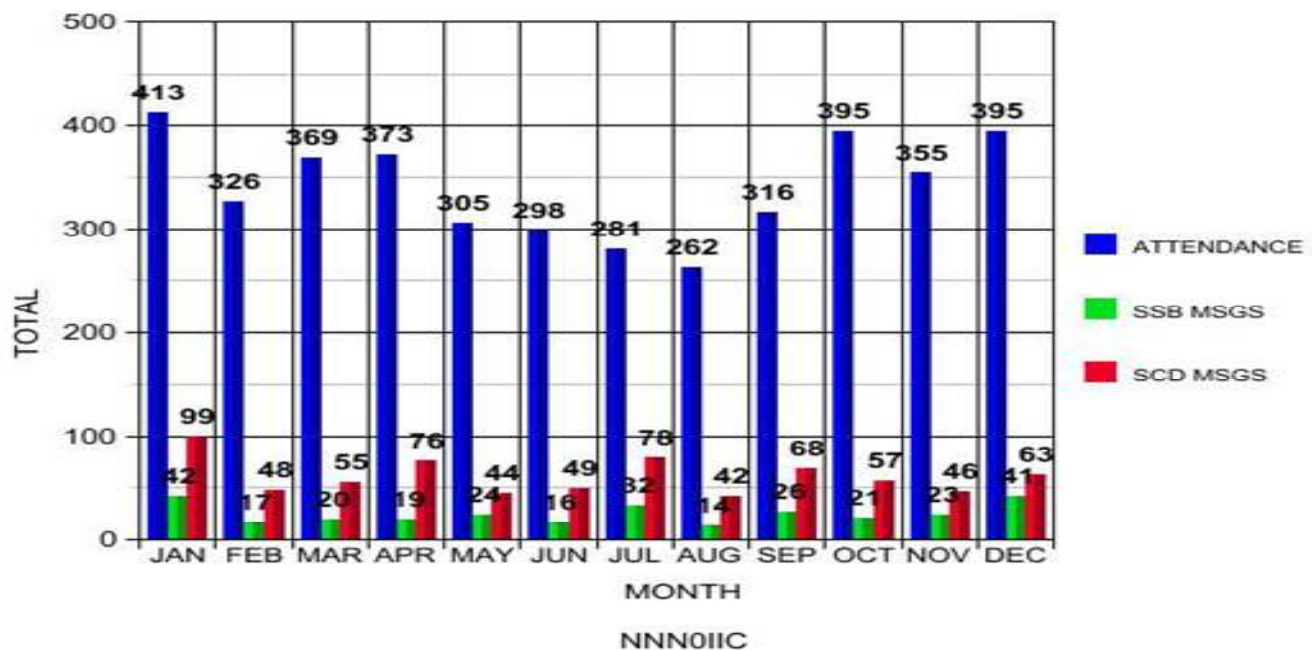
I thank you all for your participation; there was a total attendance of **4088** for 2010 keep up the good work.

Thank You,

Jack

NNN0IIC

4C2B NET TOTALS FOR 2010



## Training

NNNOGAL FOUR /NNN0ABZ END OF YEAR REPORT

VOLUNTEERED FOR TRAINING POSITION LAST QUARTER OF THE YEAR. CONDUCTED ON-GOING TRAINING ON OUR FLORIDA NETS. CONDUCTED NEW MEMBER TRAINING BASICS ON THE EVENING NET DURING OCTOBER/NOVEMBER. ACTED AS AN ELMER FOR NEW TANGO MEMBERS. PROVIDED ASSISTANCE TO MEMBERS NEEDING HELP.

PERFORMED TRAFFIC REP DUTIES, CHECKED INTO REGION TRAFFIC NETS . SET UP AND TESTED NEW DIGITAL MODES ON TRAINING NETS. PERFORMED DUTIES ON NET CONTROL WHEN ASSIGNED.

### Editorial Comment:

As NNNOGAL Eight this station edited and published six regular issues of the Bosun's Pipe and one Special conference issue during the year 2010. This station also attended the Region FOUR annual conference and several other hamfests where there were MARS forums. Early in the year this station was authorized to setup a RMS Winmor remote mail server for the use of stations using RMS Express for access to the WL2K messaging system.

The year started with 4c1c using Olivia on Tuesday, MT63 on Thursday and CW on Saturday. The other days of the week were used to continue work with RMS Express as it became apparent that it was going to become an integral part of WL2K as an access client. 4C2b and 4C3B nets were used as the nets for continued intensive ECOMM training and routine general training. These nets also handled the brunt of the traffic into and out of Florida. Florida hosted the annual Region Four conference with NNN0BME providing outstanding service in arranging the accommodations and spaces for the conference. From the included staff and net manager reports you will note that it has been a good year. Bravo Zulu to all hands.

As we move into the new year with the annual recapitulations and the usual changes in staff positions bringing new challenges for individual members. During the coming year there will be opportunities for each of us to learn new skills and to review our current skills as we continue to train for the mission of NAVMARCOR MARS.

In this next year your editor would like to include a section of member profiles (particularly the staff and net managers). There is also a need for both articles and suggestions for the content. Remember that this newsletter is to assist you in staying up to date and to pass along information which will, hopefully, make you a more proficient member of the group. Letters to the editor with opinion or request for information are always welcome. Photos are also welcome showing your latest projects. Materials may be submitted in pdf, text, doc, or jpg file formats.

Your editor will endeavor to keep the newsletter up to level of the past four years during this year.

**Mars: Proudly serving Those that  
Serve**

<p><b>Editor</b> NNNOGAL EIGHT—NNNOTAK <b>STATE DIRECTOR</b> NNNOGAL —NNN0IBM <b>STATE STAFF</b> NNNOGAL ONE —NNN0TFH NNNOGAL TWO —NNN0KAF NNNOGAL TWO TWO - NNN0ICX NNNOGAL THREE — NNN0BFC NNNOGAL FOUR —NNN0ICX NNNOGAL TWO FOUR - NNN0KLG NNNOGAL FIVE —NNN0YAX NNNOGAL SEVEN —NNN0TFH NNNOGAL EIGHT — NNN0TAK NNNOGAL TEN —NNN0BME NNNOGAL TWELVE — NNN0REI NNNOGAL THIRTEEN — NNN0BGV NNNOGAL FIFTEEN — NNN0TWT</p>
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# **NAVY-MARINE CORPS ART TEAMS AND THE ICS SYSTEM PART TWO By NNNOGAL ONE**

To continue with the training related to the use of the ICS-213 Message Form go to the following URL to pick up a .zip file which contains a PowerPoint Presentation I use to teach the proper use and transmission of ICS-213 messages:

<http://www.pcacs.org/training.htm>

If you need a PowerPoint Viewer you may pick it up here:

<http://www.pcacs.org/training.htm>

The Outpost program mentioned in Part one of this series contains a number of programs. The two most useful to you will be the lcs213mm.exe and the Outpost Packet Message Manager (outpost.exe)

The lcs213mm.exe allows you to create and send the ICS-213 form via Telnet without loading other software.

The Outpost PMM program once set up for your local packet BBS(s) It will allow you to draft messages. Connect to the bbs(s) and Automatically upload any outgoing messages, download any waiting incoming messages and then automatically disconnect. Most of you have an FPAC Switch near you for sending and receiving WL2K Packet messages at 1200 baud. You will need to locate them and enter the name and frequencies as appropriate. You can use this program to send the ICS-213 message in the sample format shown in the PowerPoint presentation.

I have included a file zipped up with the Outpost setup file which gives you some help on standard TNC parameters for use with Outpost.

Also available to you are a fillable ARRL Radiogram form

<http://www.pcacs.org/training.htm>

ICS Radio Related Terminology:

RADO = Radio Operator (term applied to all Radio Operators)

COML = Communications Leader. (Unit Communications Leader)

COMT = Communications Technician (Think Logistics)

INCM = Incident Command Center Manager (Communications Manager at the

EOC

**Procedure for ordering Equipment or Supplies**

Use the following procedure when ordering equipment or supplies

Name and phone number of the person placing the order

Type and amount of equipment and supplies needed

Time order needs delivered

Location where order is to be delivered (from Map Grid or Global Positioning [GPS) and radio frequency or channel.

GENERAL MESSAGE		
TO:	POSITION:	
FROM:	POSITION:	
SUBJECT:	DATE:	TIME:
MESSAGE:		
SIGNATURE:	POSITION:	
REPLY:		
DATE:	TIME:	SIGNATURE/POSITION:

### ICS 213. General Message

- Understand when form is to be used.

Whenever information is passed through the ICC from an originator to another party. This includes: orders, information, requests, contacts needing to be made, emergency calls, etc.

- Correctly fill out the form.
- Correctly route the form.

The ICS 213 is a General Message Multipart Form. It will be the single most used form within an incident

#### Instructions for filling out the form:

- ☞ **To:** indicate unit/person the general message is intended for. Be specific.
- ☞ **Position:** indicate the location where the unit/person is located ( ground support unit leader, Samson camp, communications, etc.)
- ☞ **From:** indicate appropriate designation and location of sender.
- ☞ **Subject:** fill in if applicable.
- ☞ **Date:** list the date and time.
- ☞ **Message:** think through your message before writing it down. Try to be as concise and brief as possible.
- ☞ **Reply:** this section is intended to be used by the unit/person who receives the message to reply to your message.
- ☞ **Date:** record the date and time of reply.
- ☞ **Signature:** record signature and title of the person replying.
- ☞ **Retain and file copy of form.**

The ICS 213 may be initiated by the RADO and any other personnel on an incident. Upon completion it may be hand carried to the addressee or the communications center for retransmission.

## LOOP REVISITED

History: Recently I have become plagued with a S-9++ buzz like interference that comes and goes on the low bands. When it is present it is all but impossible to copy weak signals. Remembering that a closed loop is known to be quieter than a sloping inverted V, I decided to do some experimenting with one. The results were impressive enough to share them here with you.

First the construction: My goal was to make a one wavelength closed loop antenna that would resonate halfway between NCI and NCK, to use #14 green solid vinyl covered house wire to hide it, RG-8 coax to feed it and not to need a tuner. To get the length of the wire I divided the desired frequency into the formula  $1005/\text{freq}$ . The resulted length of wire was then strung 5' off the ground through the natural part of my back yard. Yes, among and over a lot of those thorny vines and bushes but, amen, no chiggers this time. Ah, something good about winter. Ok, then I hooked up my MFJ antenna analyzer and of course the antenna resonated somewhere else then desired, namely, 4MHz higher. Adding 25 more feet of wire solved that problem. The antenna was then connected to my rig using RG-8 coax.

Results: I found that the loud and strong buzz was all but eliminated and station signals were only slightly affected in strength. Switch between my sloping inverted V and the loop showed a drop in the noise level of 5 to 6 S-units! The annoying noise was all but eliminated. This of course was at resonance. For frequencies significantly away from resonance both the noise and signals dropped off as would be expected and SWR became a blocking issue for transmission.

Conclusions: If you are plagued with a high noise level too a loop may be a solution for you as well. When this type of antenna is close to the ground you should expect signals to drop in signal strength after a distance of 100 to 150 miles. This is a true "cloud warmer" and has a very high angle of take-off. Sorry, no DX contacts with this. It is, however, ideal for local comms and can be considered a NVIS. If you make the antenna resonant then you won't need a tuner to transmit with it. Mine at resonance shows a 2/1 SWR at the feed point and 1.8/1 in the shack. The transmitter is easily able to handle it without a tuner. I forgot on one net that I was connected to the loop and transmitted three digital msgs using it. It worked well, didn't set the bushes and vines ablaze and all stas rogered the tfc. SWR never changed. Since then I have been using it for most of our nets. Signal reports I have been getting indicate there is very little noticeable signal strength difference from me between the loop and my regularly used sloping V. Station signals on my end also seem about the same strength but with out the noise.

Happy New Year everyone, happy experimentation – hope this loop revisitation is interesting and helpful.

Don/ICX

# CURRENT STAFF : FLORIDA MARS 01/15/11

## NNNØ

**GAL:** IBM - 'MIKE' STATE DIRECTOR  
**GAL ONE:** TFH - NEIL ASST. STATE DIRECTOR  
**GAL TWO:** KAF - GARY EMERGENCY COM PLANNING  
**GAL TWO-TWO** ICX - DON EMERGENCY COM ASST  
**GAL THREE:** BFC - AL NET OPERATIONS REPORTS  
**GAL FOUR:** ICX - DON V TRAINING (TEMPORARY ASGMT)  
**GAL TWO FOUR:** KLK - DON C TRAINING ASSISTANT  
**GAL FIVE:** YAX - BOB INTERNET TECH-NMCMARS WEBMASTER  
**GAL SEVEN:** TFH - NEIL VHF FM REPEATERS  
**GAL EIGHT:** TAK - BILL PUBLIC AFFAIRS AND NEWSLETTERS  
**GAL TEN:** BME - JOHN DIGITAL SYSTEMS OPERATIONS  
**GAL TWELVE:** REI - MICHAEL EQUIPMENT ADMINISTRATION  
**GAL THIRTEEN:** BGV - ADRIAN PERSONNEL ADMINISTRATION  
**GAL FIFTEEN:** TWT - ERNIE ARMY/AF LIAISON

## NNNØ

### **B. NET MANAGERS:**

4C1C - NNNØICX - DON V  
4C2B - NNNØIIC - JACK  
4C3B - NNNØBMQ - WENDY

### **E EI DRILL / EXERCISE TRAFFIC GOES TO:**

Traffic Rep (for out of state)  
NNNØGAL-----IBM  
NNNØGAL ONE-----TFH  
NNNØGAL TWO-----KAF  
NNNØGAL TWO-TWO---ICX

### **C. TRAFFIC REPS AND ASGD DAY OF WEEK**

MONDAY ABZ - JAMES  
TUESDAY IBM - 'MIKE'  
WEDNESDAY TFH - NEIL  
THURSDAY TAK - BILL  
FRIDAY QMK - BOB  
SATURDAY IBM - 'MIKE'  
SUNDAY BFC - AL

Actual EEI, if not using the EEI generator email

[Aan3eei@winlink.org](mailto:Aan3eei@winlink.org)

[Nnn0asa@winlink.org](mailto:Nnn0asa@winlink.org)

[Nnn0asz@winlink.org](mailto:Nnn0asz@winlink.org)

If you can't email ask another MARS member to do it for you

### **Collective Call Signs**

NNNØALC - all State Directors: NNNØGAL - NNNØIBM  
NNNØALD - all Area Directors: none in Florida  
NNNØALL - all MARS member stations  
NNNØALR - all Region Directors: none in Florida  
NNNØALS - all stations on the net  
NNNØAFL - all Afloat Specialty Net Stations: NNNØIBM, NNNØTWT  
NNNØAST - NNNØGAL FIVE (NNNØYAX)  
NNNØDVG - all Region Four State Directors and Assistants for ECOM:  
NNNØGAL - NNNØIBM NNNØGAL TWO - NNNØKAF

\*Note:

FL includes NNNØGAL ONE and NNNØGAL TWO TWO for info on Incoming DVG's

### **ART TEAMS AS OF 1/13/11 CALL**

NNNØDDC

NNNØDDD

NNNØDDE

NNNØDDF