



The ‘Bosun’s Pipe

FL NAVMARCORMARS

An Information Newsletter

Vol. 4, Issue 5

September 2010

From the Bridge

This is the time of year when all the children go back to school and it appears that Mother Nature has taken the opportunity to send her offspring like Alex, Bonnie, Colin, Danielle, Earl, Fiona, Gaston and who knows next to follow along. Hopefully, she will not be so prolific into November and will keep them away from Florida and the rest of Region Four.

We now have a new ECOM Assistant (NNN0EKB-Gary) and a new Training Assistant (NNN0ABZ-Jim). Please give them your full support. Our former ECOM Assistant (NNN0ICX,-Don) did an outstanding job during his tenure of duty and sincere thanks, and appreciation is extended for his devotion, interest and efforts in bringing that program to the forefront in training. Everyone has benefited from his expertise and teaching prowess. BRAVO ZULU!

Our previous Training Officer, Gary is stepping into the NNN0GAL TWO slot and even though it is a new page of experience in his book, he should have no problem in applying his unique talent for creating unusual and unique scenarios for the emergency exercises. Try to tune in, check in, and participate in all our exercises.

Jim, our new Training Officer is well qualified, having held the position before. He brings with him a lot of expertise and knowledge of MARS requirements and military discipline. Work with him and attend his training periods.

REPORTS: Try and leave time to send your frequency net report to the net manager the same day you are net control. They should be submitted prior to close down of the net.

NCS AVAILABILITY: Use the FL MARS website and post your availability for NCS, if you don't, Net Managers will schedule you as they desire. If you cannot make the net schedule as posted on the website or as sent to you personally, it is your responsibility to either swap with another individual or notify the net manager. Each member must do his/her part. The net manager goes to a lot of effort to set up the schedules to accommodate members to the best of his ability. When no one shows up, then he/she usually ends up having to run the net. It gets pretty frustrating.

We are now down to one tango member-NNN0ZKV (Rick). We also had one of our regular members resign in August – NNN0VDG (Bud). We wish him well.

Remember: Those that do not “tooteth” their own horn do not get “tooteth”! The same goes for awards and recommendations. The more you do, the more you achieve.

C U on the nets – 73,
“Mike”

DE NNN0GAL ONE

Incident Management and NAVMARCOR MARS

Incident or event management for many years has been through a structure named “Incident Command System” (ICS) from which has evolved the “National Incident Management System” (NIMS) which is currently used those governmental agencies involved with Emergency Managements functions whether they are local, county, state, regional or national. The “Incident Commander” is the individual that controls and directs the management process for any event. The incident commander is the senior person of the “first responders” arriving to take charge and manage the resources on site or that are requested by him to meet the needs for mitigating the effects of the event on the immediate site or area. The first requirement of the incident commander is to make an assessment of the situation and to make priorities for the resources to contain the effects of the situation. Depending on the size of the event may need to designate a deputy commander and assistants to handle various logistical phases of the event.

The overview of the system is found in the NIMS 100 course which may be found on the website www.nimsonline.com and is recommended for all members to take the course or to retake the course if it has been three or more years since you took the course. This course is one of the four required FEMA courses if you plan to be a part of a “deployed team” under the control of an incident commander. (Note: FL Division of Emergency Management requires additionally ARRL ECOM course Level I for deployment in state)

NAVMARCOR MARS provides an “Emergency Support Function” (communications support is usually designated ESF-2) as requested the incident commander during an incident. If there is a “MOU” in place between a governmental group (local EOC, State EOC, Federal Agency, etc.), then personnel from the NAVMARCOR MARS would report to the designated logistics person for specific assignment as requested by the incident commander.

Each individual MARS member needs to be familiar with the NIMS management concept and needs to make note of his/her position in the structure. The member also needs to be aware of the frequencies available for use, the equipment available, and the message formats to be used during the event. You might be tasked to assist with message origination, logging, and distribution. Additionally each member involved with ESF-2 will need to submit after action reports to NNN0GAL, NNN0GAL ONE, and NNN0GAL TWO after either an incident or and exercise.

Each member has many opportunities to gain and maintain his skills as a communicator. These include regular participation in scheduled nets as a net member and accepting the responsibility as NECON or ANECOS as assigned. The member should participate in the training opportunities offered by NNN0GAL FOUR and NNN0GAL TWO relating to ongoing operations and scheduled exercises. Additionally there is the opportunity for the member to expand his general knowledge of electronics and information technology through the NMO 3,2,1,C awards outlined in NTP-8 (D) (draft). Additional opportunities are offered to members demonstrating special skills and the willingness to serve as pilot/ beta stations in testing new protocols for use in the program. When one reviews the documentation related to all these opportunities, it becomes almost an overwhelming task. It can be managed by the member by selecting portions of the offerings and becoming a resource person in a particular subject.

From time to time opportunities become available for an individual to volunteer for a staff position. If the requirements for the position are within your skill set or you are willing to learn the position, become a volunteer and serve the membership in our state.

DE NNN0GAL ONE, Neil

DE NNN0GAL TWO

WOW, IT HAS BEEN ALMOST THREE YEARS THAT I HAVE BEEN ACTING AS GAL 2. BOY TIMES DOES FLY. IT' IS NOW TIME TO STEP DOWN AND ALLOW SOME-ONE ELSE TO TAKE OVER AND INTRODUCE NEW IDEAS. ONE OF MY MAIN GOALS HAS BEEN TO FOCUS ON EEI REPORT CONSTRUCTION TO MAKE IT EAS-IER FOR STAS TO GENERATE, PASS, AND AVOID THE COMMONLY MADE ER-RORS.

TO SUMMARIZE THESE POINTS I WANT TO LEAVE YOU WITH A LIST OF QUES-TIONS TO ASK YOURSELF WHEN MAKING UP AN EEI REPORT. CHECK IT OUT. HOPEFULLY IT HELPS AND ENABLES YOU TO GENERATED BETTER EEI'S. A COPY IS ALSO BEING PLACED ON THE FL WEB SITE SO THIS CAN BE ACCESSED LATER IF NEEDED. I HAVE ALSO ADDED IT AS AN ATTACHMENT TO THIS EMAIL TO MAKE IT EASY TO SAVE AND/OR PRINT OUT.

I WANT TO THANK EVERYONE FOR YOUR HELP AND SUPPORT. TOGETHER HOPEFULLY WE HAVE ACHIEVED. THANKS, EVERYONE. PLEASE SUPPORT YOUR NEW GAL 2 LIKE YOU HAVE FOR ME. DON/ICX

MY EEI REPORT CHECK LIST:

- 1.DO I HAVE ASG IN MI.
- 2.DO I HAVE ASG ONE IN IL.
- 3.DO I HAVE ASG TWO IN SC.
- 4.HAVE I USED A CURRENT EEI TEMPLATE TO INSURE I HAVE THE CORRECT ADDRESSEES LISTED.
- 5.AM I USING THE CORRECT WORDS AFTER UNCLAS, DEPENDING ON THE SITUATION, OF MARS EXERCISE OR ACTUAL INCIDENT.
- 6.DOES THE REF EEI REPORT IDENTIFIER I USED MATCH THE SITUATION.
- 7.HAVE I INCLUDED QUOTE /FL UNQUOTE AFTER THE REF EVENT IDENTIFIER.
- 8.HAVE I ANSWERED THE THREE QUESTIONS OF WHAT-WHERE AND WHEN IN THE SITUATION LINE. DOES MY 'WHEN' GIVE A SPECIFIC LOCATION.
- 9.HAVE I KEPT THE TEXT IN THE SUB PARAGRAPHS BRIEF, CONCISE, MEANINGFUL, UNDERSTANDABLE AND COVERING THE SITUATION.
- 10.HAVE I AVOIDED USING AREA ABBREVIATIONS THAT WON'T MEAN ANYTHING TO PERSONAL IN OTHER AREAS.
- 11.FOR PARA 1A AND 1G HAVE I INCLUDED A FULL DTG.
- 12.FOR PARA 1G HAVE I INCLUDED A CONTACT PERSON AND THEIR PHONE NUMBER.

- 13.FOR PARA 1G, IF REFERENCING A TV/RADIO STA, HAVE I INCLUDED THE CITY AND STATE AND A CONTACT NUMBER.
- 14.HAVE I TRIED TO USE THE BASIC WORDS OF OPERATIONAL, INOPERATIVE, AND UNKNOWN WHEN POSSIBLE.
- 15.FOR AN INOPERATIVE SITUATION HAVE I GIVEN A VERY BRIEF REASON WHY. HAVE I ANSWERED THE QUESTION OF WHAT IS WRONG AND NEEDED.
- 16.IF I AM THE REFERENCE SOURCE HAVE I INCLUDED MY NAME, CALL SIGN AND A PHONE NUMBER WHERE I CAN BE REACHED SHOULD ADDITIONAL INFORMATION BE REQUIRED FROM ME.
- 17.HAVE I KEPT MY LINE LENGTH TO 69 OR LESS CHARACTERS FOR DIGITAL MSG TRANSMISSION.
- 18.ARE THE EEI REPORT DTGS FOUND IN THE SITUATION, SOURCE AND FOR MY MSG DTG IN THE PROPER ORDER.
- 19.DID I SEND AN EEI REPORT UPDATE WHEN NEW SUPPORTING INFORMATION TO MY INITIAL EEI REPORT BECAME KNOWN TO ME.
- 20.FOR AN ACTUAL INCIDENT DID I IMMEDIATELY SEND MY EEI REPORT BY EMAIL TO AAN3EEI, NNN0ASA AND NNN0ASZ AT WINLINK.ORG. DID MY EMAIL EEI REPORT SUBJECT LINE HAVE QUOTE //MARS O/INCIDENT NOTIFICATION UNQUOTE.
- 21.IF I WAS NOT ABLE TO SEND AN IMMEDIATE EMAIL OF MY ACTUAL EEI REPORT DID I MAKE IT KNOW AND HAVE SOMEONE ELSE DO IT.
- 22.DID I, FOR AN ACTUAL EEI REPORT, ZEN OUT AAN3EEI VA IN THE MSG TO LINE.
- 23.HAVE I AVOIDED USING UNRECOGNIZED CHARACTERS, SUCH AS, AT, PERCENT SIGNS, AND USING LOWER CASE LETTERS. HAVE I USED THE SPELLING OF 'UNCLAS' AND NOT UNCLASS OR UNCLASSIFIED.
- 24.DO I HAVE MARS EXERCISE OR ACTUAL INCIDENT PLACED IN THE PROPER PLACE IN MY EEI REPORT.

DE NNN0ICX/ NNN0GAL TWO (Don)

DE NNN0GAL THREE

Operations reports for July and August 2010

Message ID: 1009_NNN0BFC
Date: 2010/08/02 00:32
From: NNN0BFC
To: NNN0LHR
Cc: NNN0AS4; NNN0IBM; NNN0TFH; NNN0TAK
Source: NNN0BFC
Subject: //MARS R/GAL JULY REPORT SERVICE MESSAGE

R 012201AUG 2010
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 JULY 2010
1. READ IN FIVE COLUMNS
FREQ MODE DAYS HOURS MESSAGES
NAW SCD 01 01 01
NCK SCD 31 69 142
NCK SSB 31 63 55 CORRECTION
NFH SSB 01 01 00

BT
NNNN

Message ID: 1046_NNN0BFC
Date: 2010/09/03 00:57
From: NNN0BFC
To: NNN0LHR; NNN4AM
Cc: NNN0IBM; NNN0TAK; NNN0TFH
Source: NNN0BFC
Subject: //MARS R/GAL REPORT AUGUST2010

R 022201SEPT 2010
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 AUGUST 2010
1. READ IN FIVE COLUMNS
FREQ MODE DAYS HOURS MESSAGES
NCK SCD 31 68 104
NCK SSB 31 63 51

BT
NNNN

A FEW WORDS FROM THE OUTGOING GAL4 AND INCOMING GAL2:

(PRAY FOR US, ME ESPECIALLY!)

Seriously, I want to thank everyone for your interest and support while I served as GAL FOUR. I know it wasn't always easy for everyone. Hope I wasn't too hard on the Tangos during my watch! I had good stock to work with. Please give Jim as much, if not more, cooperation as he steps up the training in the months ahead. Now that I have slipped into some bigger shoes I really need everyone's help as we get ready for "the big one" (whatever that actually is...) ;-} Over the past few years GAL2, Don, NNN0ICX, has prepared everyone to "announce" or "update" an event through the use of EEI Reports. I am confident that most of our active members can reliably create, list and pass Echo Echo India Reports; but when something happens causing our activation how many EEI Reports will you need to send? Not so many. Think about the process. Don has covered it many times. First an EEI, then an Implementation, and THEN everything rolls quickly. You get notified by way of Ready-Alert, 4C1E gets to work, Operational Readiness Reports come in, periodic Situation Reports come in for consolidation, and the "meaty" messages come in from our CUSTOMERS for appropriate action. What are our CUSTOMERS looking for? Service. Who are they seeking that from? The answer is US. How do we give it? We use our KSA (knowledge, skill and abilities) to "think on our feet" and "get it done" no matter what "it" is. My emergency experience has been "Make an immediate decision and GET IT DONE. One will need to IMPROVISE, ADAPT, DO WHAT IT TAKES and not all requests will be for communications. Smile as you do whatever is asked of you. As communicators we will be given requests/replies to properly format into message traffic and bring to one of our nets (RF) or messaging networks (WL2K, WINMOR, PACTOR, etc.) with the goal it reach its intended recipient(s) in as short a time as possible and accurately. To perfect our skills we need to practice, practice, practice... creating, formatting, listing, and passing formal written traffic of many types.

Region Four Conference attendees heard John Fleming mention in his presentation that sometimes customers' messages may be hand-written and could even contain diagrams. What would you do if the CUSTOMER asked you to send a picture from a scene? We need to be prepared to use a variety of digital modes to pass this type of traffic if we are going to be able to adequately assist our CUSTOMERS. A hand-written message may need to be scanned and modified before then being transmitted by SSTV, MFSK, EasyPal, etc. Are you capable of doing this? We can't be helpful to the CUSTOMER if we haven't familiarized ourselves with what's in our "tool box" BEFORE its needed. We are going to give some of these modes a try. We will train where stations are going to be called upon to "Role Play." Some members will act as a CUSTOMER giving another station a message to send (off the net) and the station will create, list, and pass that message during the net. I hope we can have a bit of fun with this.

Another thing I hope to work on is the development of working relationships with the EOC in each of the counties in which we have active MARS members. You may be called upon to work on this and you can help by interacting with your local ARES group if you haven't done so already. Both groups' members have the same goal when you get right down to it. We want to be of service to others during a time of crisis. I was active in NTS and ARES at one time so I too need to get involved again. Remember that time spent doing this for MARS is reportable participation too.

Auxiliary Radio Teams... I often wondered about these teams and had believed they were to actually do something during actual events. I was disappointed when I learned otherwise. They are purely for the exercises. How about a "Real" ART Team with members willing to deploy

and do what's necessary during an actual event? Zone 4 is the logical starting point. Any member interested in working with an actual ART Team, even as a non-deployable member, is requested to make their interest known to me. Also, I shall be seeking donations from equipment vendors and manufacturers to put together the necessary "Go Kit(s)" so members will not have to tear down their stations just to be deployable. If I am successful in this endeavor GAL TWELVE will have a more active role also.

So, "Let's get to work." Hmm, me thinks I've heard that somewhere of late...

Gary – NNN0EKB / NNN0GAL TWO

DE NNN0GAL4

JUST A REMINDER TO ALL HANDS. THE DAILY TRAFFIC NETS ARE AN IMPORTANT PART OF OUR OPERATIONS, AND ARE TRAINING FOR OPERATION UNDER EMERGENCY CONDITIONS. THE HURRICAN/ TROPICAL STORM ACTIVITY IN THE ATLANTIC COULD AFFECT STATES IN REGION FOUR. THE REGION FOUR EMCOM NET COULD BE IMPLEMENTED. THIS NET MAY LAST FOR ONE DAY OR POSSIBLY LONGER. ALL STATES PROVIDE NET CONTROL STATIONS ON A ROTATING BASIS SO EVERY MEMBER COULD BE ASSIGNED.

OUR DAILY TRAFFIC NETS SHOULD BE IN STRICT COMPLIANCE WITH THE VOICE SOP, NTP8(D) AND ACP 125(F). OUR DIRECTED NETS USUALLY ONLY LAST FOR 15 MIN OR SO SO IT SHOULD BE NO PROBLEM TO ADHERE TO PROSCRIBED PROCEDURES.

ON A ECOM NET ALL STATIONS WILL NOT BE CHECKING IN AT THE BEGINNING OF THE NET, THEY WILL BE COMING AND GOING, TRAFFIC MAY BE HEAVY AND OF HIGH PRECEDENCE AND MULTIPLE ADDEES.

THERE IS NO POSSIBLE WAY TO GIVE A DETAILED ORDER OF EVENTS OF A FUTURE ECOM SITUATION. ALONG WITH THE GOAL OF RUNNING THE ROUTINE TRAFFIC NETS SMOOTHLY AND IN ACCORDANCE WITH PROSCIBED PROCEDURES THE TIME SPENT AS NET CONTROL IS THE TIME TO BE DEVELOPING THE SKILL AND FLEXIBILITHY TO HANDLE THE UNKNOWN OF A ECOM NET.

DURING FUTURE TRAINING WILL BE GOING OVER THE VOICE SOP, WHICH CAN BE FOUND ON THE NATIONAL WEBSITE, AND THE FLORIDA NET GUIDE WHCIH CAN BE FOUND ON THE FLORIDA WEBSITE.

Jim NNN0ABZ/ NNN0GAL FOUR

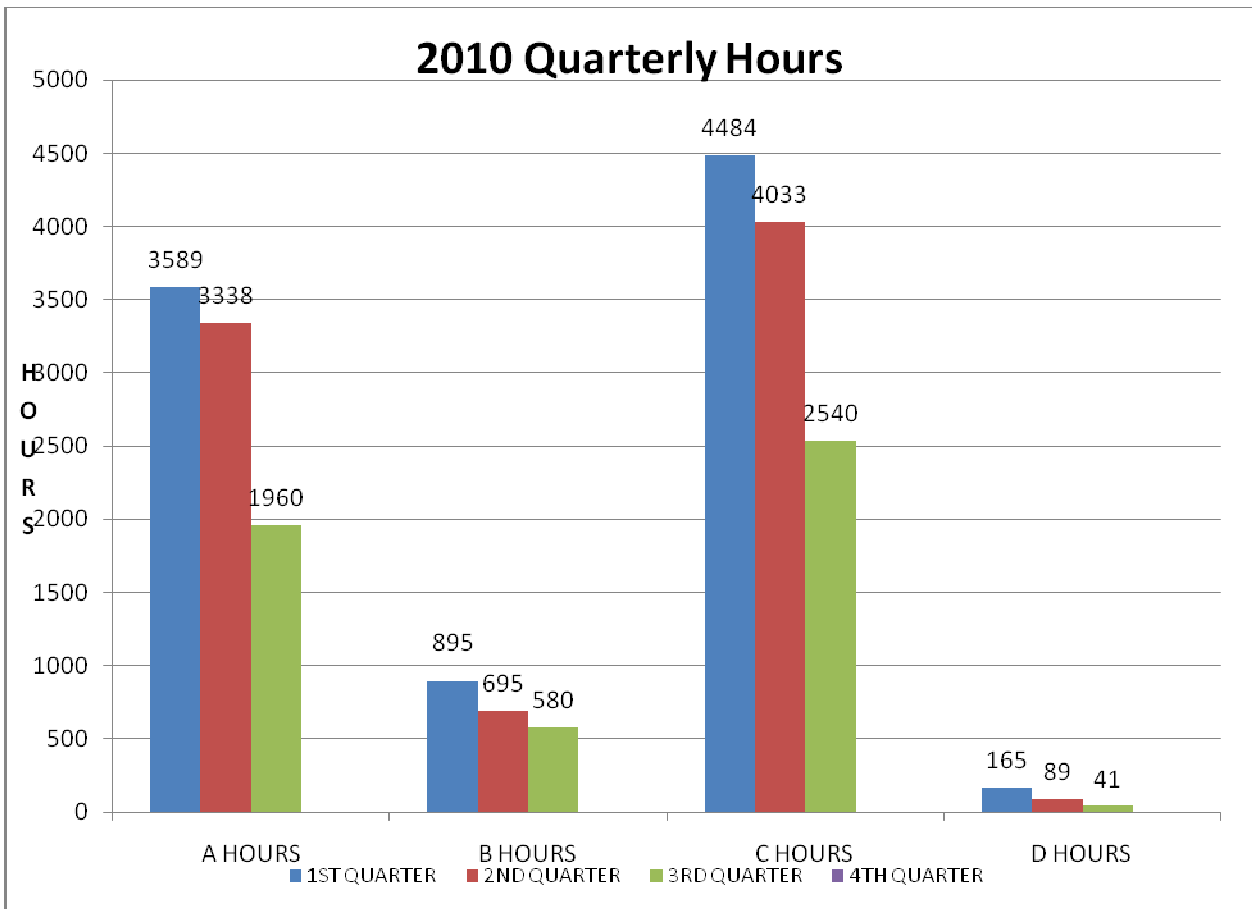
From NNNØGAL THIRTEEN:

There were a few personnel changes in August. First, congratulations to Don Camacho, NNNØKLK, for becoming a full member. Second, we also have a new Tango member, NNNØZKV-T, Richard Williams. We also lost a regular member, NNNØVDG, Bud Courtney, who will be missed.

Our August participation hours were as follows:

- A. 952 (Fourth Region nets);
- B. 221 (Other reportable time);
- C. 1173 (Total reportable time);
- 21 (Other non-reportable time).

Our quarterly totals are as shown in the chart.



CURRENT STAFF : FLORIDA MARS

9-01-2010

NNNØ

GAL: IBM - 'MIKE' STATE DIRECTOR
GAL ONE: TFH - NEIL ASST STATE DIRECTOR
GAL TWO: EKB - GARY EMERGENCY COM PLANNING
GAL TWO-TWO: VACANT EMERGENCY COM ASST
GAL THREE: BFC - AL NET OPERATIONS REPORTS
GAL FOUR: ABZ - JIM TRAINING
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:

NNNØ

4C1C - EKB - GARY
4C2B - IIC - JACK
4C3B - BMQ - WENDY

C. TRAFFIC REPS AND ASGD DAY OF WEEK

NNNØ

ABZ - MON
TAK - TUES
TFH - WED
EKB - THUR
IIC - FRI
IBM - SAT
BFC - SUN

ALL EEI RPTS GO TO:

DAY'S TRAFFIC REP
NNNØGAL----- IBM
NNNØGAL ONE TFH
NNNØGAL TWO-- EKB

ACTUAL EEI, if not using the EEI generator email:

aan3eei@winlink.org
nnn0asa@winlink.org
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: IBM, TWT, EKB
NNNØDVG - all Region Four State Directors and Assistants for ECOM:
NNNØGAL - NNNØIBM NNNØGAL TWO - NNNØEKB
NNNØGAL ONE - NNNØTFH

What is the National Incident Management System

The National Incident Management System (NIMS) is an emergency response system that is designed to improve preparation, coordination, and incident management in the event of a crisis. The system is designed to coordinate emergency response teams in the federal, state, and local agency levels. The NIMS is a system that was designed and implemented into the United States after the events of the terrorist attacks at the World Trade Center and the Pentagon in 2001. It is designed to improve preparation, response, and prevention of a similar attack or an equally devastating disaster. This new system would improve communication between private and public entities in their efforts to respond to a many different domestic emergency management services. Possible disasters can include an act of terrorism, an urban fire, floods, nuclear disasters, earthquakes, power storms such as hurricanes and typhoons, war-related incidents, etc.

According to Homeland Security Presidential Directive, (HSPD)-5, "This system will provide a consistent nationwide approach for Federal State, and local governments to work effectively and efficiently together to prepare for respond to, and recover from domestic incidents, regardless of cause, size, or complexity. To provide for interoperability and compatibility among Federal, State, and local capabilities, the NIMS will include a core set of concepts, principles, terminology, and technologies covering the incident command system".

Most incidents are handled and contained by local authorities, but there are certain instances that require multiple jurisdictions to help handle the management systems of a domestic disaster. The NIMS was designed to use the best and most effective processes available in currently existing protocols and to integrate them into a nationwide system that maximized interoperability. For the first time, both public and private organizations will be able to conduct a incident management system that is both organized and coordinated to ensure effectiveness and efficiency in the event of an emergency. The NIMS does this through a core set of principles and procedures.

Principles and Protocol:

To integrate an emergency response system that works effectively, a firm balance has been established in the NIMS system of both flexibility and standardization. While it is important to have a standard code of conduct when dealing with a dangerous and time-sensitive situation so that procedures are carried out properly, flexibility should also be established. Every situation is different, and if a unique emergency situation arises without room for flexibility, the standard code would be of no use.

Flexibility:

The NIMS provides a flexible and adjustable national structure that encompasses both government organizations and private entities at all levels. They are able to have an open line of communication so that they are able to work together in a domestic incident of any complexity, size, or location. This is necessary in all phases of a disaster or national emergency in preparation, response, and recovery.

Standardization:

NIMS integrates several tiers of protocol and emergency response systems. One of them is called the Incident Command System (ICS). There are multiagency coordination systems and public information systems for the purpose of establishing useful and reliable mediums of communication; one of the most important factors in any disaster. The standardization procedures also improve interoperability and coordination between many disciplines, including training, resource management, personnel qualification and certification, communication management, technology support, etc.

Components of the NIMS:

The National Incident Management System has been divided into several components designed to work in conjunction with each other in a fully integrated system. Each provides pieces to a framework to help prepare for, prevent, respond to and recover from a variety of incidents, both big and small, and both natural or caused by man.

DE NNN0GAL EIGHT

Well we are at the height of the hurricane season for this year. The activity in the Atlantic since the first of September has produced more named storms in this two week period than the entire preceding weeks of the season and the end is not in sight yet. Being aware of the activity in the tropics is one of the necessary things a person needs to do if he lives in Florida. Each year the local county emergency managers produce a “Hurricane Preparedness Guide” for the residents of their county. Additionally with the local media they provide seminars for the residents and encourage them to take the necessary precautions.

Most members are aware of these services in their local areas which can include free storm tracking software and links to the National Hurricane Center usually make use of these tools in being aware of the storm possibilities. The article following this note is a tool for emergency managers which combines a number of resources that are used in making decisions regarding evacuations of residents in the path of hurricane. Read it through and you may wish to include some of the modules in your readiness planning.

The next issue of the newsletter will be the last issue in Volume Four. Looking forward to 2011 there is the need for ideas, suggestions, articles, to maintain the quality of our newsletter. Your editor has a couple in mind to assist members in knowing who the staff are and their backgrounds. Recent CHNAV MARCORMARS broadcasts have provided some hints for becoming familiar with some protocols which will be new to many members. FL will need some members to take the time to study these areas and to become sufficiently proficient in them to assist others as they come on line. If you have suggestions pass them along to this office and maybe we can help in preparing them for publication.

De NNN0GAL EIGHT, Bill

HURREVAC

HURREVAC is a decision-support tool used by emergency managers to gather the information they need to assist their evacuation decisions. The software couples hurricane evacuation study (HES) data with real-time weather forecast data from the National Hurricane Center. This combination allows users to graphically display specific local evacuation times for decision-making as hurricanes approach.

The name HURREVAC is derived from the words “hurricane evacuation.” Emergency managers first used HURREVAC during the 1989 hurricane season in South Carolina and Georgia. Additional states were gradually added, and the program has undergone many updates. The current version is general enough to be used throughout most of the nation’s coastal zone (including the U.S. Virgin Islands, Puerto Rico, and the U.S. Pacific Islands), yet it retains the local data-capturing capabilities that make it so useful.

To take full advantage of the latest programming technologies and incorporate feedback from the HURREVAC user community, the National Hurricane Program (NHP) decided to reprogram HURREVAC 2000. The new generation of HURREVAC is coined HURREVAC 2010. Based on the HURREVAC User Survey recommendations that were completed prior to beginning the development of HURREVAC 2010, several enhancements were made to improve the intuitiveness,

functionality and ease of use of HURREVAC. The NHP is excited to release HURREVAC 2010 and hopes that it meets the expectations and requirements of the HURREVAC user community.

To support the transition from HURREVAC 2000 to HURREVAC 2010 the NHP will operate and maintain both versions of HURREVAC throughout the 2010 and 2011 Hurricane Season. Additionally, several training opportunities sponsored by the NHP will be available between February 1, 2010 and August 31, 2010.

Use of HURREVAC is restricted to active members of the emergency management community. Please contact your FEMA Regional Hurricane Program Manager or your USACE HES Study Leader for detailed information regarding training opportunities.

For more information on how to use and download the HURREVAC software, please visit www.hurrevac.com. Additional HURREVAC training tools will be available on the USACE NHP Resource Center Website, which should be operational by the Summer of 2010.

Discover what HURREVAC can do for you.

When hazardous weather due to land-falling tropical cyclones approaches your area, a tremendous amount of information is required for decision making. The responsibility for gathering mission critical data and making important decisions about potential evacuations frequently falls on the local and state emergency management team. The list of considerations and contingencies to account for is long and significant, and includes decisions about evacuation timing, evacuation routes, and shelter openings and closings.

HURREVAC gives emergency officials easy access to the information they need for efficient decision making. This booklet helps users get the most out of HURREVAC by summarizing the different components of the program and highlighting a few key features to support decision-making

HURREVAC Sponsors: Federal Emergency Management Agency, National Oceanic and Atmospheric Administration, & U.S. Army Corps of Engineers