

Apparatus: No report.

ATAC: Harve Woods reported all quiet.

Auditing: No report.

Budget: No report.

CFSI Dinner: Hugh Owens, the reception room has been reserved – 48’ x 42’ room. The room will be on the same floor as the program, in the Jefferson Wing. The program is scheduled for April 7, 2011.

Constitution and Bylaws: No report.

Convention: No report. Need a new Chair/coordinator. The three Presidents tasked to fill this position.

Convention Program Book: Hugh Owens, the ad handout are being distributed.

Data, Technical Info.: No report.

Fallen FF / EMS Memorial - MD: The program will be in June.

Fallen FF / EMS Memorial - NFFF: Terry Thompson reported the support post in the Frederick Marriott Hotel complex. Scheduled for October 15-16, 2011, the second weekend.

Robert Small and Terry Thompson to Chair the NFFF Golf Tournament.

Finance / Fundraising: Jeff Thompson reported that the two fundraising firms are completing their joint contract.

Fire Prevention (Incl. Smoke Alarms): No report.

Historical / Archives: No report.

IAFC - VCOS: Pete Mellits reported that there will be positions opening up. Please submit interests to President J. Thompson. National Volunteer Summit scheduled for March 17-19, 2011. Pete Mellits and David See will be attending.

IAFC – EDIAFC: Pete Mellits reported the Annual Conference scheduled for May 20-21, in Delaware.

Ladies Auxiliary: No report.

Legislative (State & Fed.): Harve Woods and Bill Barnard reported there continues to be several State Bills in play.

MACO: No report.

Membership: No report.

MFRI: No report.

NFPA: No report.

President's (MFRI)

Advisory: John Roth, no report.

Scholarship: Staffing and Command Class will be in OC Maryland and four (4) scholarships have been awarded. Dinner to be hosted by Showell VFC.

Sponsorship: Hugh Owens reported he is in discussion with Sprint.

Tags (License Plates): No report.

Training and Safety: Hugh Owens reported the Chief Officers Seminar is moving along, working on food. 250+ registered to date.

The following persons were approved by the MFCA for scholarships:
1- Rick Koch, Assistant Chief, Cecil County Dept of Emergency Services,
2- Joel Dixon, Lieutenant, Salisbury Fire Department,
3- W. Bryan Bishop, Jr., Captain, Ocean City Fire Department,
4- Sidney "Ray" Wooten, Jr., 2nd Lieutenant, Ocean City Fire Department,

Allied Association Reports:

MSP Aviation: No report.

Office of the State Fire Marshal – February 24, 2011 (3-10-11) Report for MFCA, prepared by the OSFM

*Mr. President, members of the **Maryland Fire Chiefs Association**, it is my pleasure to present to you this report on the activities and events pertaining to the Office of the Maryland State Fire Marshal since the last meeting of the Association.*

*_ **OSFM Staffing:** – Currently, the Office of the State Fire Marshal has two full-time vacant positions; one Deputy State Fire Marshals (DSFM) position and one Fire Protection Engineer (FPE) position. The Fire Protection Engineer (FPE) applicants are currently being evaluated.*

*_ **Fire Deaths – Update:** – For 2010, there were 50 fatal fires that resulted in 71 deaths. This is a 3% decrease compared to the 73 fire deaths occurring in 62 fatal fires in 2009. Seven Counties experienced no fire fatalities these include: Caroline County, Carroll County, Dorchester County, Queen Anne's County, Washington County, Wicomico County, and Worcester County. The OSFM report, **2010 Fire Deaths in Maryland** provides a detailed analysis of fire fatalities for 2010. The report is available on line at www.firemarshal.state.md.us
For 2011, there have been a total of thirteen (13) fire deaths as of March 7, 2011. This compares favorably with the twenty one (21) fire deaths experience in the same time period in 2010.*

2011 Fire Deaths by jurisdiction:

Baltimore City – 3

Baltimore County – 2

Harford County – 1

Prince George's County – 5

Washington County – 1

Wicomico County – 1

*_ **Annual Public Fire & Life Safety Educator Spring Seminar:** – Saturday, March 19th, 2011, the seminar titled, “**Growing Awareness about the Communities we Serve: It’s not all Plastic Helmets and Balloons,**” will be held at the Maryland Fire and Rescue Institute (MFRI) in College Park. This seminar is designed for Prevention Coordinators and Safety Advocates. An interesting program has been put together. Mary Marchone from the USFA will be instructing a class on “Applying Best Practices from the Field of Early Childhood Education to Fire Safety Programming.” Sergeant George Norris from the Prince George’s County Police Department will present “Gang Awareness in Your Community.” The afternoon program includes Track A: Fire Prevention Ambassadors or Track B: “Top 10 Poison Risks in Maryland’s Communities” by Angel Bivens, RPh, MBA, CSPI from Maryland’s Poison Control Center, and “Filling the Tool Box – Resources for Prevention and Life Safety in your Community” by Cynthia (Cyndy) Wright-Johnson, MSN, RN, MD EMSC Director of Safe Kids/Risk Watch Coalition Chair. For more information visit the MFRI website at www.mfri.org and look under Seminars. Register early to ensure you seat!*

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March 10, 2011
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*_ **Legislative Bills:** - The OSFM had a hearing for its Departmental Bill, **House Bill 849 – Public Safety – Smoke Detectors and Smoke Alarms** on Thursday, March 3, 2011 in the Environmental Matters Committee. The OSFM’s Departmental Bill, **House Bill 140** – got an unfavorable report from the Judiciary Committee and will therefore not progress any further this year.*

*_ **House Bill 711 – Manufactured Homes - Sprinkler System Requirement – Opt-Out Provisions for Local Jurisdictions** was also heard on the evening of March 3, 2011, in the Environmental Matters Committee. Anne Arundel County Fire Chief Bob Ray represented both the Metropolitan Fire Chief’s Council and the Anne Arundel County Fire Department and did an outstanding job as the lead speaker on the 1st panel of those persons who asked for an unfavorable report on House Bill 711. Thanks also go out to the organizations that provided written opposition and/or testified in opposition to the Bill. Numerous Metropolitan Fire Departments, the NFPA, Maryland Professional Firefighters (MPFF), Maryland State Firemen’s Association (MSFA), Faculty from the Johns Hopkins Center for Injury Research and Policy at the Johns Hopkins Bloomberg School of Public Health and others provided testimony as to why House Bill 711 should not pass. The cross file for this Bill is **Senate Bill 581 – Manufactured Homes – Sprinkler System Requirement – Opt-Out Provisions for Local Jurisdictions**, will be heard in front of the Senate EHEA Committee on Tuesday, March 15, 2011. If you can provide a written oppose position paper or testimony for the Bill it will be welcomed.*

*_ **Residential Fire Sprinkler Update:** – Over the past couple of months there have been numerous public hearings related to the adoption of the International Residential Code (IRC). Some communities have chosen to remove fire sprinkler requirements from the IRC. The OSFM continues to assist local jurisdictions with requests for information or support. Currently, in Maryland over half of the counties and municipalities have fire sprinkler requirements in place for most newly constructed one and two family dwellings.*

*_ **MFIRS:** – Several fire departments and/or counties are not submitting MFIRS reports to the OSFM in a timely manner. MFIRS reports for each month should be forwarded to the OSFM by the tenth day of the following month. Please continue to remind all fire departments of the importance of submitting accurate and timely MFIRS reports to the OSFM.*

*_ **News Releases:** – A number of news releases have been issued since the first of the year. They include such topics as; Fire Deaths and Fatal Fires Decrease in 2010, Winter Heating Safety Tips, Avoiding Carbon Monoxide Poisoning, and information regarding National Burn Awareness Week which ran from February 6 – 12, 2011. Other news releases provided information on Safety Tips during Power Outages and several arrests and significant incidents.*

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*_ **Kids Fire Safety Rollout:** - The Federal Emergency Management Agency's (FEMA) Kids Fire Safety Rollout Program was released on Monday February 14, 2011. The program is available on line at www.ready.gov/kidsfiresafety. The Office of the State Fire Marshal is one of the partners in this program.*

*_ **MSFA's Public Fire and Life Safety Education Grant Program:** - The MSFA in partnership with the State Fire Marshal is continuing the Public Fire and Life Safety Education Grant Program in 2011. This program is designed to provide assistance to MSFA member companies by providing funding assistance in the form of fire prevention publications and supplies, development, continuation or enhancement of local public fire and life safety education efforts. The total amount of available funding in 2011 is \$36,000. The maximum funding support available to each member company application request is \$500. Each fire company is required to provide matching funds of at least 20% of the total expenditures. In order to take full advantage of the \$500 grant, each fire company must commit at least \$100 of their own funds for a total \$600 toward their fire prevention programs. Applications must be sent via e-mail to fpgrants@msfa.org no later than midnight, April 15, 2011. Grant awards will be announced at the MSFA Convention in June 2011 and emails will be sent to the designated contact person listed on the application. Purchases of products will be made after monies are provided through the MSFA. If you have any questions about the program, please contact Deputy State Fire Marshal Bruce Bouch at 410-653-8999 or by email at bbouch@mdsp.org.*

*_ **The play safe! be safe! workshop:** The play safe! be safe! workshop: is scheduled to be held at the Maryland Fire and Rescue Institute (MFRI) at 4500 Paint Branch Parkway, in College Park, Maryland on Friday, April 8th, 2011. The award winning fire safety education program was created as a train the trainer educational program for presentation to children ages 3-5. Dr. Robert Cole will look at the preschool child's perception of fire, frequency of children's misuse of fire, practical approaches to teach young children fire safety, and introduction to the award winning play safe be safe kit! Pre-registration is required at www.mfri.org/seminars and only the first 100 registrants will be accepted. Sponsoring Agencies include: The Office of the State Fire Marshal, Maryland Fire Chief's Association, YMCA of Central Maryland, Baltimore, Head Start, MSFA, SAFE KIDS Baltimore, Maryland Institute of Emergency Medical Services Systems, FABSCOM and MFRI.*

Mr. President, and members of the Association, this completes my report to you today. As always, it is our pleasure to provide you with this updated information. Thank you for your dedication and hard work in making Maryland a better place to live.

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REGIONAL REPRESENTATIVES
2010-2011**

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MARYLAND FIRE CHIEFS ASSOCIATION

Representing the Maryland Emergency Services Officers with Progression While Maintaining Tradition

MEETING / EVENT SIGN-IN SHEET

Description / Location: MFCA EXECUTIVE BOARD / FISHER MAN'S INN Date: 2-24-11

Name: Representing: Phone Number: Email Address:

ROGER STEGER OCVFC MFECA PP
 JOHN SPIKER SR LSUFC
 Hugh D Owens Jr Glenn Dale Fire Assco.
 Margaret Hearty Jessup AAC
 Bill Piddeman Chestertown VFC.
 Sohnie Roth Sandy Spring VFC
 Steve Thomas Savage SUPMFLA
 Daryl Alexander Mt Cay VFD
 Rick Newhill WashCo VFA
 SKIP MENZIES WASH. CO. FIRE & RESCUE
 Jason Miller Wash. Co Fire & Rescue
 COWTHREY MCHERRY GWGVFD
 BOB MCHERRY STERNSWOOD VFD / MFEA
 Louca Woods Glenn Dale PG - Alexander - AA
 How E Wood Groundow Fire
 Bill Earnest OSM
 PETER MENTZ MFEA - SEC.

[Handwritten signature] 2/24/11

17 - Attendees



National Defense University

Fort Lesley J. McNair, 260 5th Ave. Washington DC 20319-5066

February 18, 2011

Mr. Charles Manto, CEO
Instant Access Networks, LLC
216 Tawes, FSU
101 Braddock Rd
Frostburg, MD 21532

Dear Mr. Manto and prospective sponsors of the Secure Grid '11 Preparation Exercise:

The National Defense University and NORTHCOM are proposing to sponsor a first-ever comprehensive public and private sector tabletop exercise on the effects of a space weather disaster on the North American electric grid (with a supporting preparatory conference) to address a multi-year nationwide disaster. We appreciate your efforts at gathering additional participants and sponsors to help support and plan this event tentatively scheduled for August 2011.

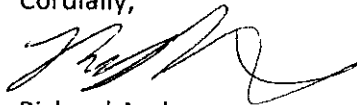
Organizations that have participated in past NDU energy security games and are expected to participate this year include the White House, Congress, the Department of Homeland Security, the Department of Energy, key military organizations, state and local governments and private sector infrastructure owners and operators from the US, Canada and Mexico. This group will work through the implications of long-term infrastructure failure with the goals of discovering ways to mitigate such a disaster, improve sustainability of communities and protect communications between communities while enhancing energy and food security.

As you know, space-weather experts have changed their prediction of the effects of the 100-year solar storm from likely being a week-long blackout across the East Coast through Chicago to a national one that could easily be year-long, with restoration taking four-ten years. This announcement prompted a tabletop exercise in March 2010, sponsored by NOAA in Colorado, followed by an emergency management bulletin nationwide. These issues were addressed in the Grid Act (HB5026) passed by unanimous consent in the US House of Representatives on 9 June 2010 and in a currently proposed bill, the Shield Act.

A severe solar storm would most likely be a global event. A manmade electromagnetic pulse (EMP), especially from a high-altitude nuclear burst, can have a regional or continental-wide impact on power grids and interoperable communications systems required by first responders and controls needed by infrastructure. What technical systems initially survive would eventually stop working when their power systems fail from either manmade or natural EMP. Simultaneous EMP hits on interdependent technology and infrastructure will create massive simultaneous cascading failures that have not been sufficiently addressed.

Comprehensive planning by the public and private sector for high-impact low-frequency scenarios such as these is urgently needed. We believe that expanded participation of stakeholders will make the work already underway more useful to the nation as a whole. Please feel free to have any of your prospective sponsors or participants contact me at their earliest convenience.

Cordially,

A handwritten signature in black ink, appearing to read 'Richard Andres', written in a cursive style.

Richard Andres

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Institute for National Strategic Studies
Professor of National Security Strategy
National War College
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CRS Report for Congress

High Altitude Electromagnetic Pulse (HEMP) and High Power Microwave (HPM) Devices: Threat Assessments -- Updated July 21, 2008

Excerpts (Shows EMP - least expensive way to cause most damage):

Economic Damage Estimates after Attack on Washington, D.C., Region (p. CRS-11)

In September 2007, the Sage Policy Group of Baltimore and Instant Access Networks (IAN) published a study of the potential economic impact of a HEMP attack on the Baltimore-Washington-Richmond area. The study focuses on the economic effects of EMP experienced by a region after a high-altitude EMP pulse generated by a nuclear device detonated between 30-80 miles above ground impacting an area at least 500 miles in radius. In these instances of high-altitude EMP, no one would feel the heat or blast but merely experience the effects of the disruption or damage to the electronic and power infrastructure. **The Baltimore-Washington-Richmond area likely comprises only one-tenth of the economic loss that would occur for the total geographic area affected by a regional EMP event.**

The report presents a range of low, medium, and high estimates of economic damage -- all within bounds accepted by a broad range of EMP experts. The methodology relied on assumptions about disruption and damage to the regional electrical power system, communications systems, system control and data acquisition (SCADA) devices, and other critical infrastructure that might occur as a result of an EMP, and on the time required to repair that damage and fully restore economic activity.... **The study concluded that an EMP attack affecting the Baltimore-Washington-Richmond region could result in economic output loss potentially exceeding \$770 billion, or 7% of the nation's annual gross domestic product.**

Portable Data Centers and Hardening Against EMP (CRS p.14)

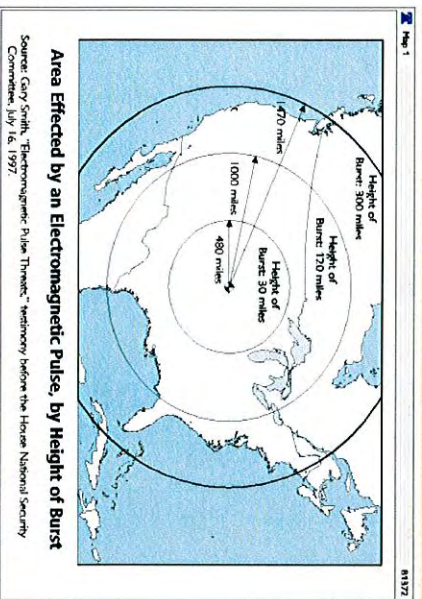
Instant Access Networks (IAN), a specialized technology vendor, now offers a portable modular equipment room that reportedly can meet military specifications for EMP protection.³⁴ The IAN product uses welded metal enclosures of precise composition and thickness. A recently filed patent application involves a unique construction method to block different EMP frequencies and also reduce weight for easier portability. **This type of portable module, built and tested according to strict specifications, could possibly be mass-produced and deployed as an effective way to protect existing and future U.S. computer systems from EMP attack.**³⁵

Learn to protect infrastructure from solar storms and high altitude nuclear bursts

photo: composite of SOHO (ESA & NASA) + other art
Copyright 2009 by Instant Access Networks, LLC

Economic Impact of EMP

“Conclusion: An EMP impacting the Baltimore-Washington-Richmond region could result in a loss of economic activity between **\$34B and \$770B**. This estimate does not include the re- placement cost ... or secondary effects. Policy makers could proactively limit damage and expedite recovery times through shielding activities that protect key communications and energy-related infrastructures, water supply, and key emergency response functions. Shielding 10% of critical infrastructure could reduce damage to economic productivity by **\$25B to \$185B**.” See July 21, 2008 CRS EMP Report.



NFPA 1600, the national fire code for business continuity, encourages businesses, utilities and communities to include disaster mitigation for EMP.

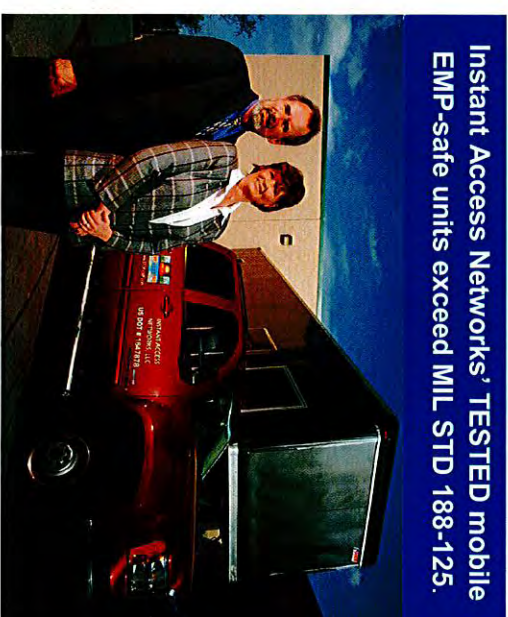
Critical Infrastructure EMP Vulnerability Overview

The US Congressional EMP Commission has determined:

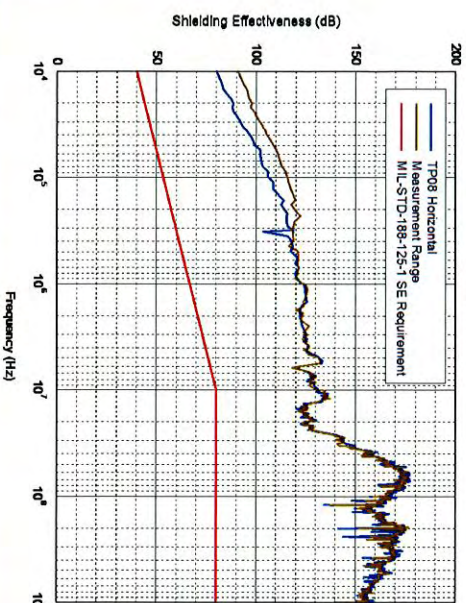
- Electromagnetic pulse (EMP) attack could cause wide-spread damage to civilian and military electronic equipment for an extended period.”
- Little has been done by the private sector against EMP... electronic systems would be severely damaged.
- H-EMP is one of a small number of threats that has the potential to hold our society seriously at risk. The degradation of infrastructure could have irreversible effects on the country’s ability to support its population. (See 2008 Reports)

White House Action: “Defense agency submits blast-proof budget request for White House communications” By Bob Brewin bbrewin@govexec.com February 12, 2008

“The 2009 budget offers rare insights into ...development of a nationwide network capable of operating after exposure to a potentially crippling high-altitude electromagnetic pulse (HEMP) from a nuclear blast. WHCA disclosed in its budget that the electromagnetic pulse network, will be based on wide-area synchronous optical networking fiber rings with redundant connectivity between HEMP and non-HEMP networks.”



Instant Access Networks’ TESTED mobile EMP-safe units exceed MIL STD 188-125.



Instant Access Networks, LLC solutions are less expensive than custom solutions and 70% lighter than comparable military systems. See Stop-EMP.com