DHS Office of Infrastructure Protection
Presents:
Sector Outreach and Programs Division (SOPD) Exercise Program

April 5, 2018 1-2 pm ET
Agenda

• Introduction
• Overview of the NISC
• DHS OIP: Sector Outreach and Programs Division (SOPD) Exercise Program
• Q&A
• Quiz for those seeking Continuing Education Units (CEUs)
Today’s Speakers

• Sean McSpaden, NISC Executive Director
• Ken Jaeger, Chief, Stakeholder Readiness and Exercise Section, DHS OIP
Continuing Education Units (CEUs)

- CEUs will be awarded to participants that watch the webinar and complete the quiz following the webinar.
- 0.1 CEUs for this hour-long event.
Learning Objectives

1. Understand what the Stakeholder Outreach and Program Division (SOPD) Exercise Program does to support critical infrastructure exercises.

2. Identify the four categories SOPD uses to evaluate exercise requests.

3. Understand how SOPD uses the Homeland Security Exercise and Evaluation Program (HSEEP) to design exercises.

If you have questions during the webinar, please submit using the question feature in GoToWebinar.
NISC Mission-Focused Job Aids Webinar Series

• In-depth discussion of tools, techniques, and standard operating procedures used for information sharing
• Webinar content applicable to multiple fields, including:
  • Homeland security,
  • Emergency management,
  • Public safety,
  • First responder, and
  • Healthcare preparedness.
NISC Mission-Focused Job Aids Webinar Series

• **April 5, 2018**: DHS OIP Stakeholder Readiness and Exercise Program (Co-hosted by the NISC and DHS Emergency Services Sector (ESS))

• **April 19, 2018**: The Latest Information on Public Safety Drones (Co-hosted by the NISC and the National Council on Public Safety UAS)

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• **July 26, 2018**: DHS NPPD Office for Bombing Prevention (Co-hosted by the NISC and DHS Emergency Services Sector (ESS))
The NISC is a non-profit organization devoted to improving information sharing at all levels of government and for all homeland security, emergency management, first responder, healthcare, and public safety stakeholders.
NISC Members Span Multiple Domains & Disciplines

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*Public Sector – Private Sector – Non-profits*
Member Benefits & Application

- Guidance and technical assistance
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Office of Infrastructure Protection
Sector Outreach and Programs Division (SOPD)
U.S. Department of Homeland Security

SOPD Exercise Program

Ken Jaeger
Section Chief

April 5, 2018
Overview

What we do:

▪ SOPD leads, facilitates, plans, and executes both discussion and operations-based exercises for the Nation’s Critical Infrastructure.

▪ These exercises support public and private sector partners upon exercise request receipt and following approval from Senior Leadership.

(Photos courtesy of WRHSAC. Active shooter Full-scale Exercise 2016)
All-Hazards Exercises

Section Chief
Kenneth Jaeger

- 5 Federal Exercise Leads
- 12 Contract support personnel
CY17 Roll Up

- Exercises: 27
- Participants: 5,295
- Exercise Significant: 93.9%
- Real-World Hurricane Response: Deployed two section members and supported a CI-CAT activation for Hurricanes Harvey, Irma and Maria
- IP Team Service Award: Received for the Port Canaveral Full-Scale Exercise
SRE CY17 Regions Supported

- **Training**
  - 11 IP Regional Exercise Specialists
  - On-the-job training of new personnel at the Port Canaveral FSE

- **31 Exercise Templates on HSIN (SSTEPS)**

- **23 Regional Exercises**
  - II: 1 conducted
  - III: 4 conducted
  - IV: 3 conducted
  - V: 1 conducted
  - VI: 2 conducted
  - VII: 1 conducted
  - VIII: 5 conducted
  - IX: 5 conducted
  - X: 1 conducted
CY17 Exercises in Regions
Sectors Supported – CY17

- Emergency Services: 19
- Energy: 1
- Healthcare: 4
- Financial Services: 1
- Water: 4
- Government Facilities: 6
- Chemical: 5
- Information Technology: 1
- Transportation Systems: 7
- Commercial Facilities: 11
- Dams: 1
Scenario Elements in CY17 Exercises

- Active Shooter: 12
- Explosives: 11
- Vehicle Ramming: 4
- Drones: 7
- Natural Disasters: 10
Solicitation Process in Action

SOPD sends email solicitations

RDs, SSAs, NPPD and IP partners

SCCs, GCCs, public and private partners

Exercise requests are developed

Requests are returned to SOPD

SOPD adjudicates exercise requests and makes recommendations to OAS

The Assistant Secretary determines exercise priority

Additional Factors

Cost + Time + Manpower

Priority + Partnerships
Categories of Exercises

SOPD uses the displayed categories to assist in the evaluation of the exercises. Each exercise is placed into one, or more, categories.

**National Level Requests:**
Large scale or high level with high visibility. They are cross-sector, and often involve multiple departments and agencies working together to achieve national strategic goals.

**Regional Exercises:**
Requested by RDs or PSAs. Brings private sector owners and operators into closer coordination with Federal, state, and local law enforcement and/or emergency responders.

**IP-level Exercises:**
Support OAS or IP divisions, and help ensure IP is poised to respond to incidents and meet the needs of senior leadership and sector stakeholders.

**Sector Exercises:**
Requested by SSAs. They focus on issues relevant to the sector/s, and often highlight information sharing among SCCs, GCCs, and Federal partners.
Exercise Design

- Homeland Security Exercise and Evaluation Program (HSEEP)
- SOPD uses the HSEEP methodology when designing exercises.
- Exercises are broken down into two broad categories:
  - Discussion-Based Exercises
  - Operations-Based Exercises
HSEEP Building Block Approach

- **Seminar**: Explains a plan
- **Workshop**: Builds a plan or interaction of plan
- **Tabletop**: Evaluates a plan or
- **Game**: Dynamically tests a plan
- **Drill**: Practices a plan or event that brings many plans into play
- **Functional**: Tests decision-making in an incident which brings many plans into play
- **Full-Scale**: Tests actions and decisions

*Simplification, please see HSEEP for more details*
HSEEP Exercises

- Seminar
- Workshop
- Tabletop
- Game
- Drill
- Functional
- Full-Scale

Increasing Resources and Complexity

Discussion-based
Operations-based

Homeland Security
CY17 Exercise By HSEEP Type
Discussion-Based Exercises

- **Seminar**: Used to orient or promulgate a new or changing plan, procedure, or guideline.

- **Workshop**: Designed to develop a new plan or procedure.

- **Tabletop**: Employed to validate or enhance understanding of plans and procedures, rehearse concepts, assess incident response and recovery needs, and identify strengths and areas of improvement.

- **Game**: Designed to explore the consequences of decisions, and validate plans, procedures, or resource requirements.

(Photos courtesy of NCS4)
Table Top Exercise Planning Cycle
Key Concepts: Tabletop Exercises

- A tabletop exercise is an opportunity to examine and improve plans.
  - A tabletop exercise is not a test, the goal is not to get an “A”
  - A tabletop exercise does not focus on training
    • A seminar is discussion-based training
    • A drill is hands-on training

- A tabletop exercise explores how a plan would work:
  - In reality
  - In concert with other plans and organizations

- The goal is to:
  - Find out what aspects of a plan work well (strengths)
  - Discover what aspects of a plan need work, or do not mesh with other plans (areas for improvement)
  - Explore ways to improve a plan, or enhance the way in which plans work together (recommendations)
Planning Timeline

- **3 Months or more**
  - Step 1
  - C&O

- **12 Weeks**
  - Step 2
  - IPM

- **10 Weeks**
  - Step 3
  - MPM

- **8 Weeks**
  - Step 4
  - Step 5
  - Step 6
  - MPM

- **6 Weeks**
  - Step 7
  - Step 8
  - Step 9
  - FPM

- **4 Weeks**

- **2 Weeks**

- **Exercise**
  - Step 10
  - Conduct

- **+ 2 Weeks**
  - Step 11

- **+6 Weeks**
  - Step 12
  - AAM

- **6 Weeks or more**
  - Step 13
Operations-Based Exercises

- **Drill**: Used to provide training on new equipment, validate procedures, or practice and maintain current skills.

- **Functional**: Employed to test plans, policies, procedures, and staff members involved in management, direction, command, or control functions.

- **Full-Scale**: Designed to simulate reality by presenting complex and realistic problems that require critical thinking, rapid problem solving, and effective responses by trained personnel; thereby testing and validating many facets of planning and preparedness.
Full Scale Exercise Planning Cycle
Key Concepts: Full Scale Exercise

- A full scale exercise is an opportunity to physically test and validate standard operating procedures (SOPs), plans, and policies

- The goal is to:
  - Find out what aspects of a plan work well (strengths)
  - Discover what aspects of a plan need work, or do not mesh with other plans (areas for improvement)
  - Explore ways to improve a plan, or enhance the way in which plans work together (recommendations)
Key Concepts: Planning

- Determine if a full scale is right for you.
  - Is there sufficient groundwork for a full scale exercise?
  - Have you conducted building block exercises (tabletops, drills)?
  - Is there buy-in for an exercise? Are resources (personnel, assets, time) available to dedicate to the planning and execution of a full scale?

- A strong planning team is the cornerstone of an effective exercise.
  - The planning team members should have the authority and standing to bring players from their organization to the exercise
  - The planning team should include personnel with expertise in their organization’s operations

- The Homeland Security Exercise and Evaluation Program (HSEEP)
  - HSEEP is the cornerstone of the our exercise planning process and provides detailed guidance for exercise planners. It can be found at: [HSEEP Guide](#)
Planning Timeline

9 Months or more
- Step 1
- C&O

9 months
- Step 2
- IPM

8 months
- Step 3
- MPM

7 months
- Step 4
- AAM

6 months
- Step 5
- MSEL Synch

5 months
- Step 6
- FPM

4 – 2 Months
- Step 7
- Step 8
- Step 9
- MSEL Synch

1 month
- Step 10
- Conduct

2 weeks
- Step 11
- AAM

Exercise
- Step 12

+ 6 Weeks
- Step 13

+ 8 Weeks
- Step 14

8 Weeks or more
- Step 15
## Current Activities/Projects

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<th>Activity Type</th>
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<td>Region II</td>
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## Current Activities/Projects

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# SRE FY18-19 Schedule

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## Sector Specific Tabletop Exercise Program

**36 SSTEPS on HSIN-CI (March 2017)**

SSTEPS are continually being revised and updated

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<td>Energy - Electricity Subsector Substation Active Shooter</td>
<td>Healthcare and Public Health IED</td>
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For more information, visit: www.dhs.gov/criticalinfrastructure

Ken Jaeger
Chief, Stakeholder Readiness & Exercise Section
Kenneth.Jaeger@hq.dhs.gov
Q&A

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Quiz

- Following the webinar you will be prompted to complete a quiz.
- Complete the quiz to receive your continuing education units (CEUs) for this session.