WebEOC in Texas

TDEM Critical Information Systems

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Technology

Sustainable Fusion In 5-10 Years

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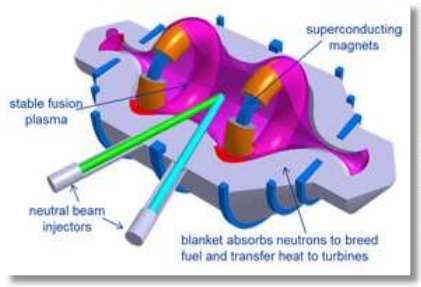
Lockheed Martin Claims Sustainable Fusion Is Within Its Grasp

By Wayne Rash | Posted 2015-03-04 Email Print



NEWS ANALYSIS: Lockheed Martin's Skunk Works claims the ability to generate cheap energy from nuclear fusion with little waste or global warming is within its grasp.

Imagine a source of electrical power that uses water for fuel, produces byproducts that are totally safe and releases no air pollution.

Then imagine that once it's up and running, it'll be so portable that an entire power plant could fit into the cargo hold of an airplane. Now, imagine that it'll be running in prototype form in five years and operating commercially in ten.

It sounds like science fiction, but it's not. However, it is being built by a group of scientists and engineers in a place that's legendary for doing what was thought to be impossible in a remarkably short amount of time. This place, which is part of Lockheed Martin's aeronautics business, is popularly known as the Skunk Works.

This is the same Skunk Works created by the near-mythical Kelly Johnson, an aerospace engineer able to head teams that built the SR-71 Blackbird reconnaissance jet years before any other organization even

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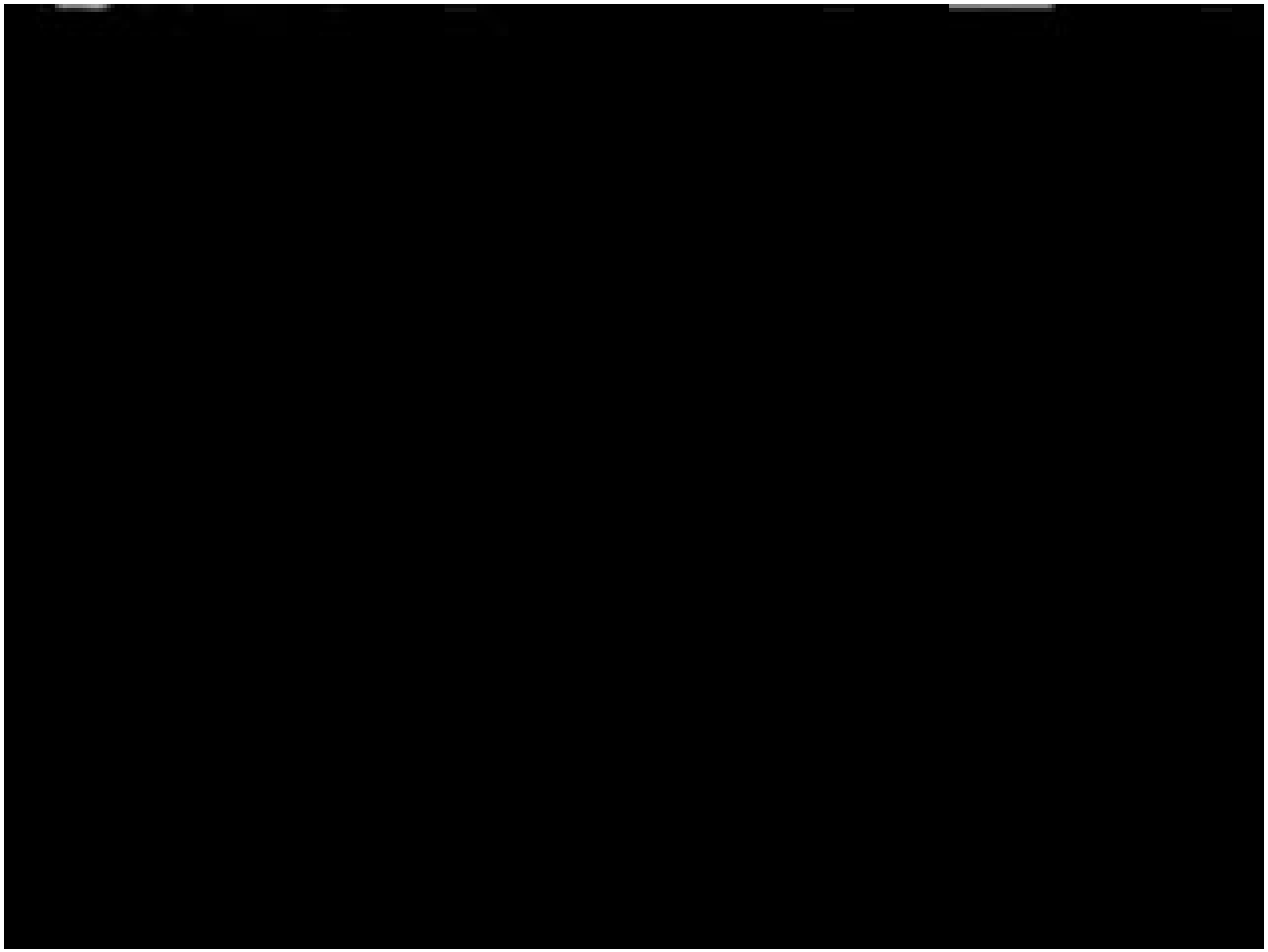
“WebEOC Doesn’t Work”



“WebEOC Doesn’t Work”

“I Can’t See What Is Being Posted”

“Technology Is Complicating Things”

“Pen & Paper Won’t Fail”

What We're Going To Talk About

Technology Issues & Solutions

The LoneStar WebEOC Server

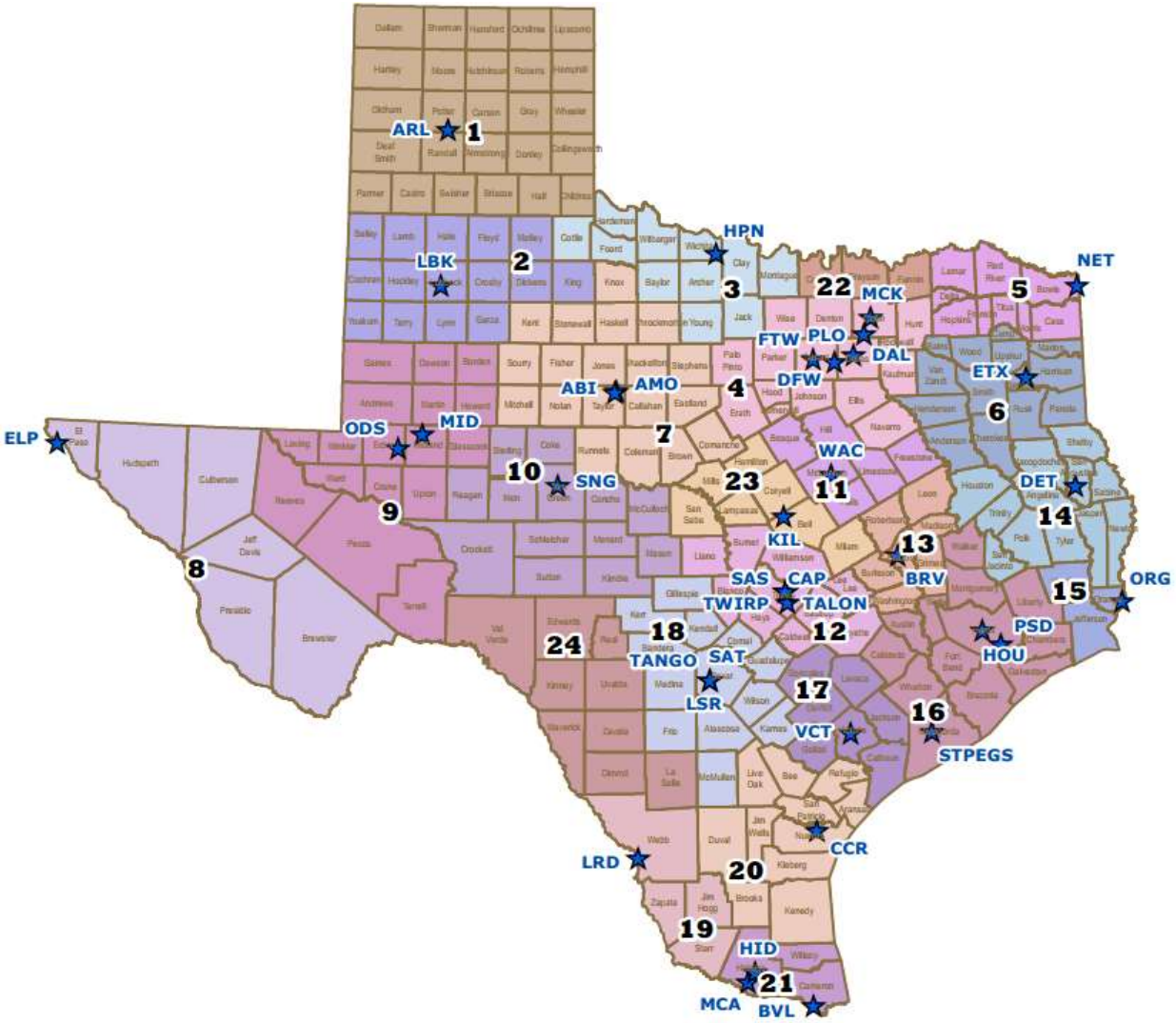
Field Activity Report (FAR) & DDC Support

State of Texas Assistance Request (STAR)

STAR Resource Tracking

Evacuee Tracking Network (ETN) in 2016

Texas WebEOC Servers



Texas WebEOC Servers by Levels

Texas WebEOC Server – HQ State

(Strategic function and uses)

LoneStar WebEOC Server – Regional State

(Operational function and uses)

Jurisdictional WebEOC Servers - Locals

(Tactical function and uses)

Texas WebEOC Servers by Agencies

Texas WebEOC Server – HQ State

(SOC, TFS HQ, TMF HQ, THP, TxDOT, etc.)

LoneStar WebEOC Server – Regional State

(DDCs, HSRs, EMTFs, State Agency Regions, TFS RFCs, etc.)

Jurisdictional WebEOC Servers - Locals

(Cities, Counties, COGs, RACs, Hospitals, etc.)

LoneStar Basics

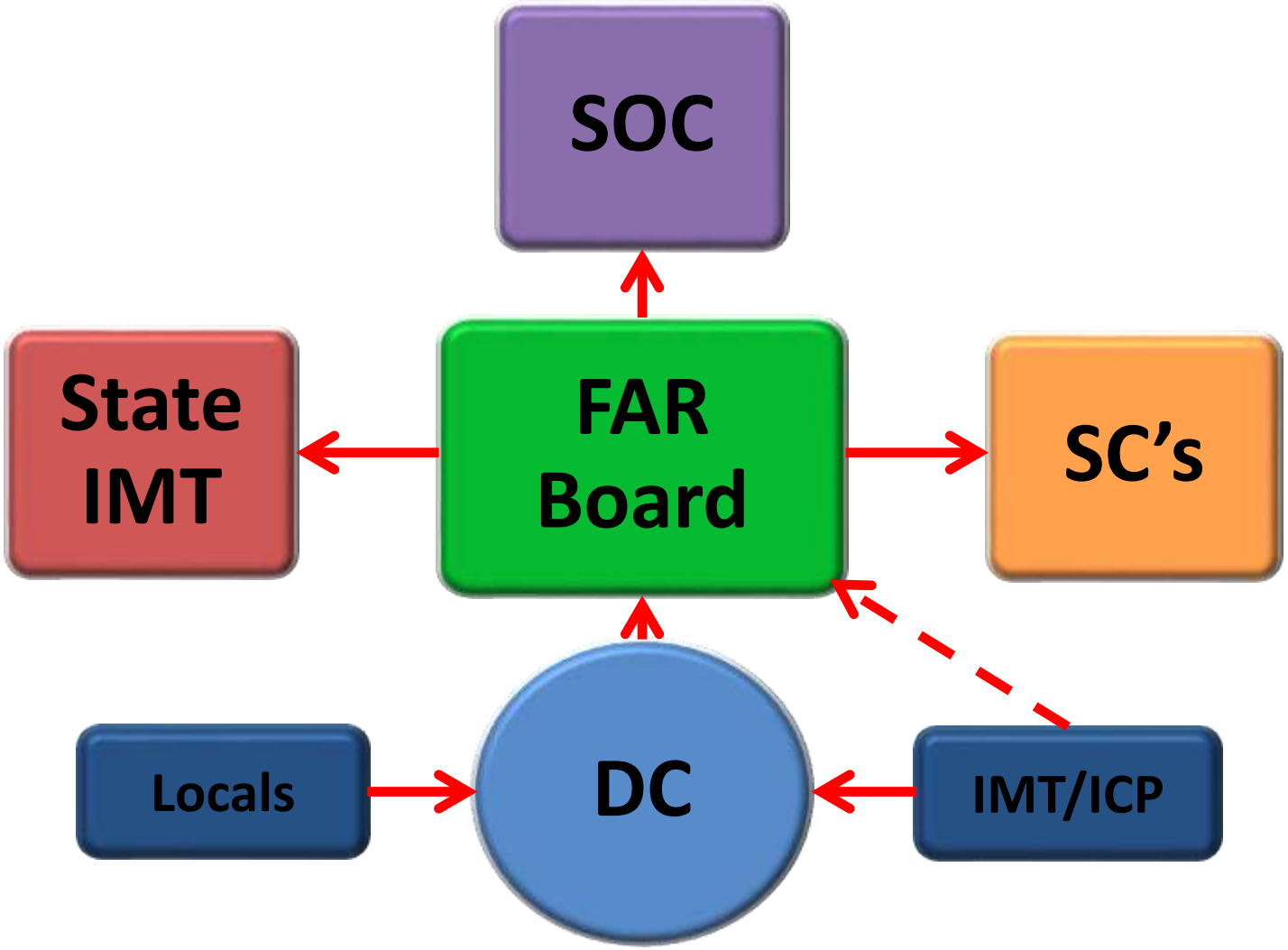
- LoneStar supports DDC level (Regional State) positions
  - DDC, Field Response TDEM, DSHS, TFS, TXDOT, etc.
- Gives Regional State personnel one server to log into vs 40+ servers
- Allows local servers to determine what and WHEN to give visibility
- Used to log incident information and requests for tracking and reimbursement
- Will eventually support Municipal level (City & County) access
  - “Fab 5” and more general boards i.e. STAR, ETN, Events, etc.
- “PIN” concept will allow local entities to process STARs without WebEOC accounts

Field Activity Report

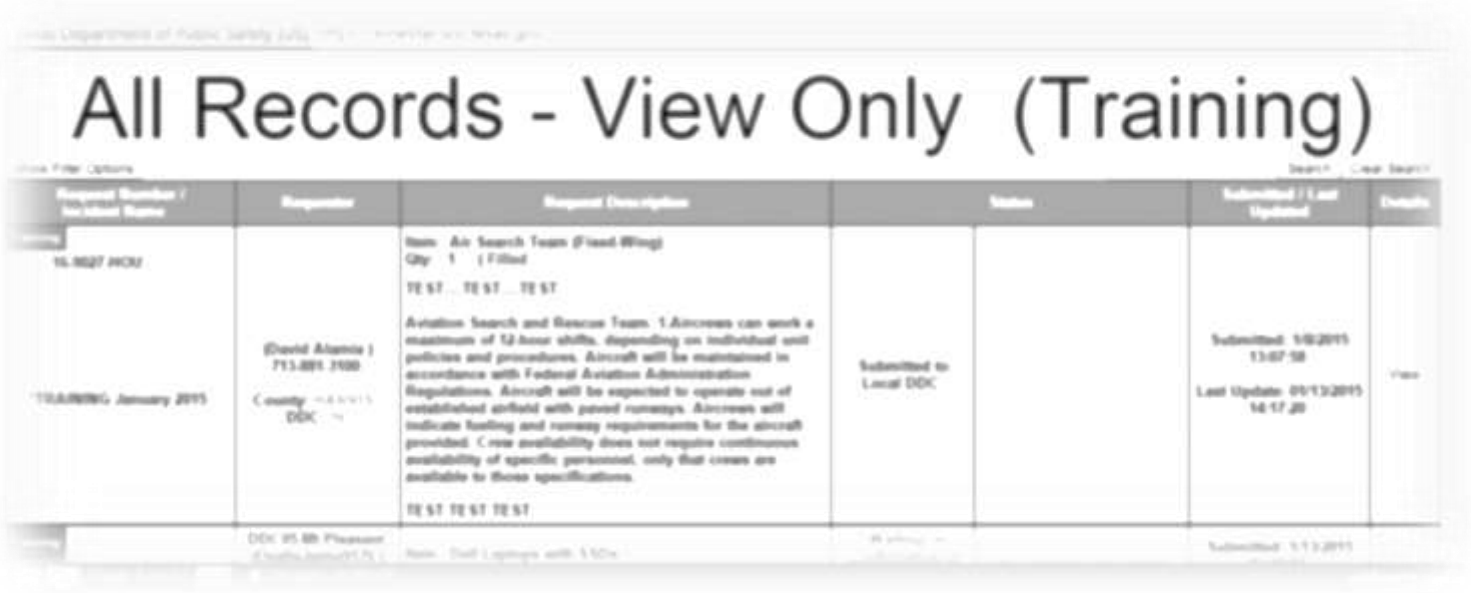
What is a FAR?

- Field Activity Report
  - Used by the front-end users (DCs, IMTs) to provide real time information (push/place) of activities, events, incidents
  - Used by back-end users (SCs, SOC) to receive, monitor, track, information (pull/extract) to create various reports , sitreps, snapshots, etc.
  - Training for the FAR can be requested via your DCs

“Place” - “Pull” Process



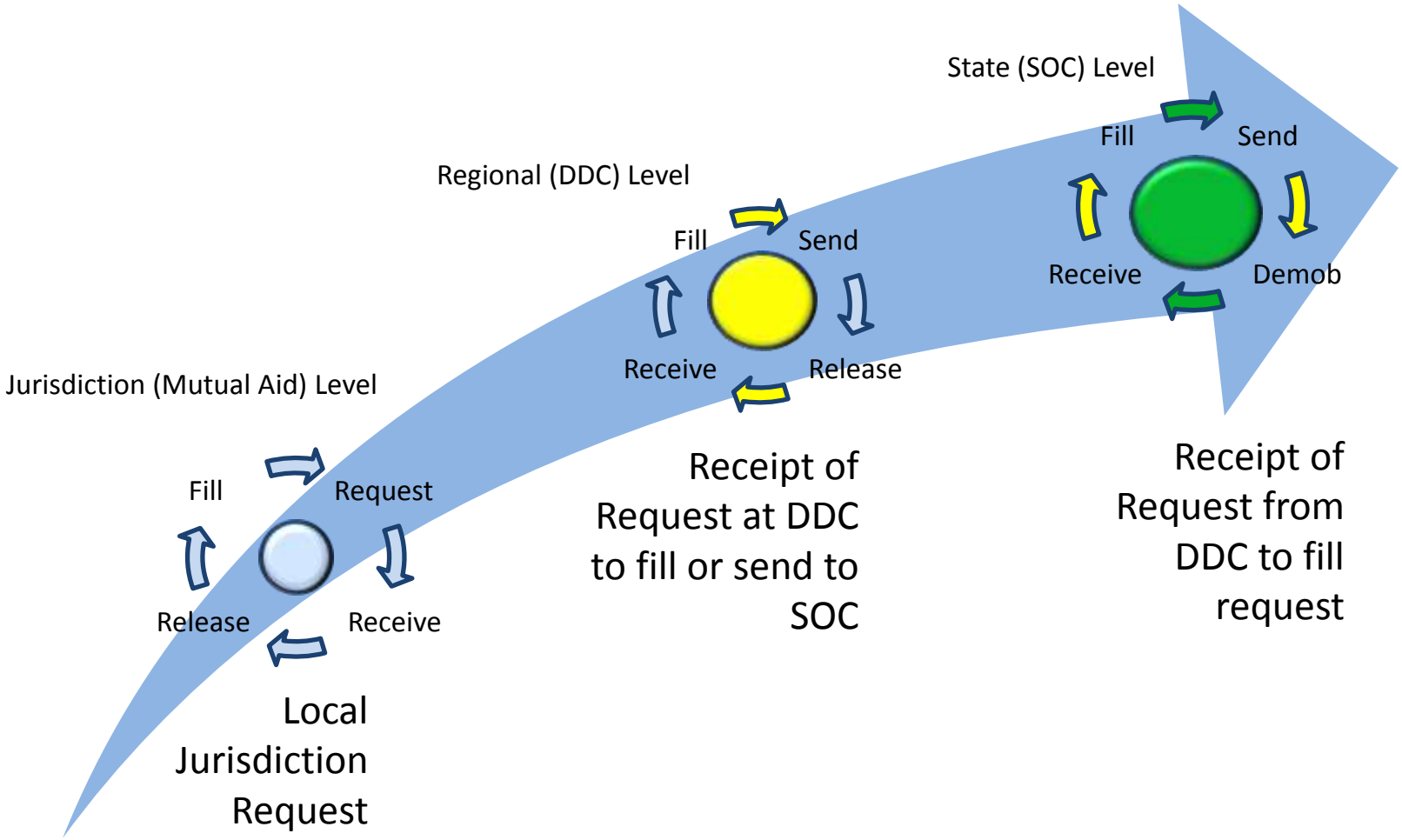
STAR & Resource Tracking



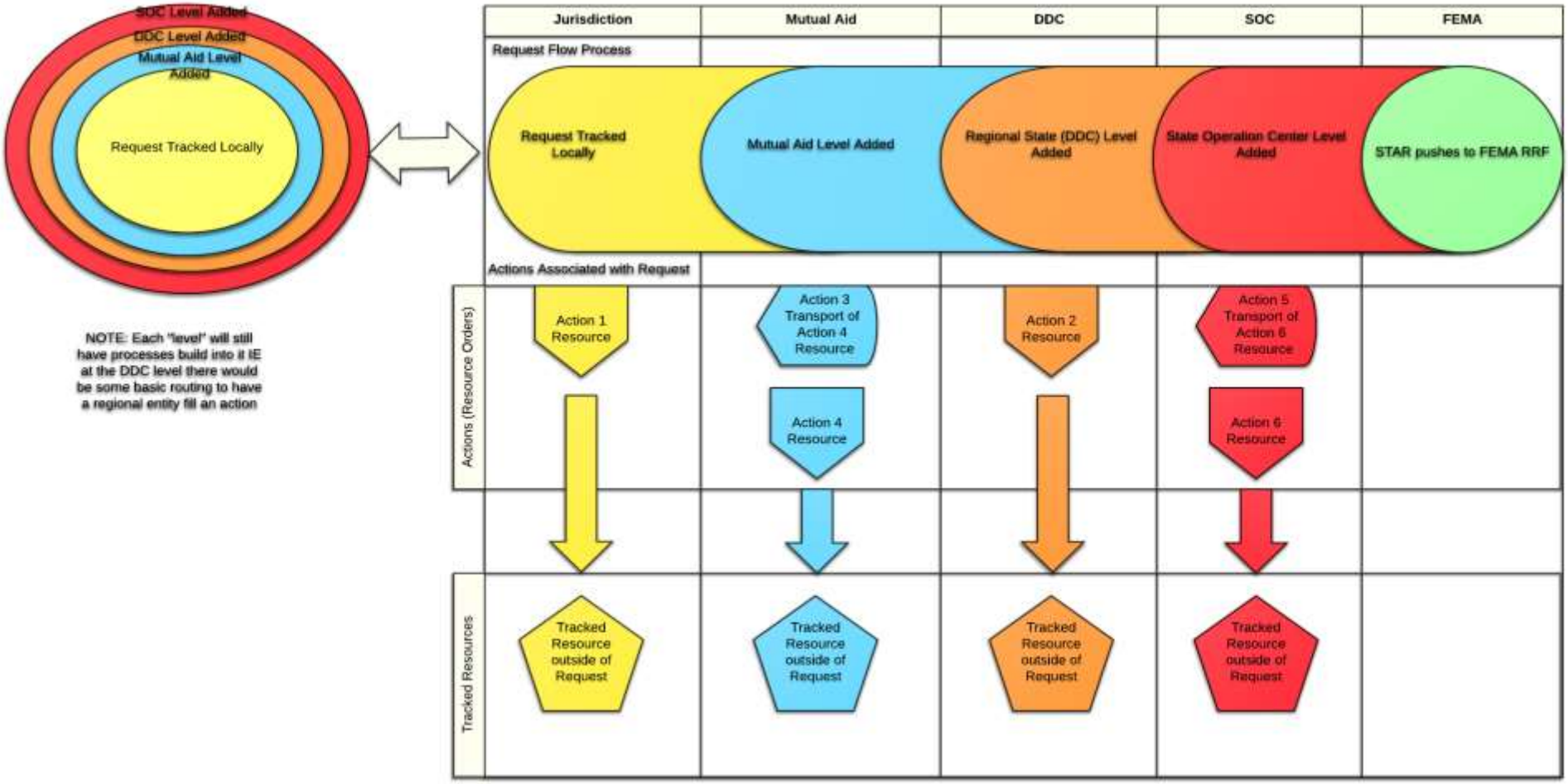
What is a STAR?

- State of Texas Assistance Request
  - Used by Local Jurisdictions, DDCs, IMTs to submit requests for assistance to include personnel, supplies and equipment
  - Can also be used at the SOC to activate and deploy at all levels
  - Once a STAR is created, Actions are tied to each request to meet the needs of that request. Each action is independent, and actions that have resources needing to be recovered (demob'd) can be tracked

Assistance Request Process



STAR Process Rationale



STAR Process

- Allow for all STARs to be visible and tracked at every stage by everyone from requestor to filler(s)
- If STAR cannot be satisfied at current level, elevate to next
- One STAR may have multiple associated “actions”
- “Actions” may be trackable (demob) resources
- A STAR is the Request portion only; associated Actions can Fill, Send, Receive, Release, and Finally Demob Resources. (Note: Only SOC can Demob resources)
- Provides a consistent and accurate Reporting Process from Jurisdiction to DDC to SOC levels

Upcoming Technology: “PIN” Concept

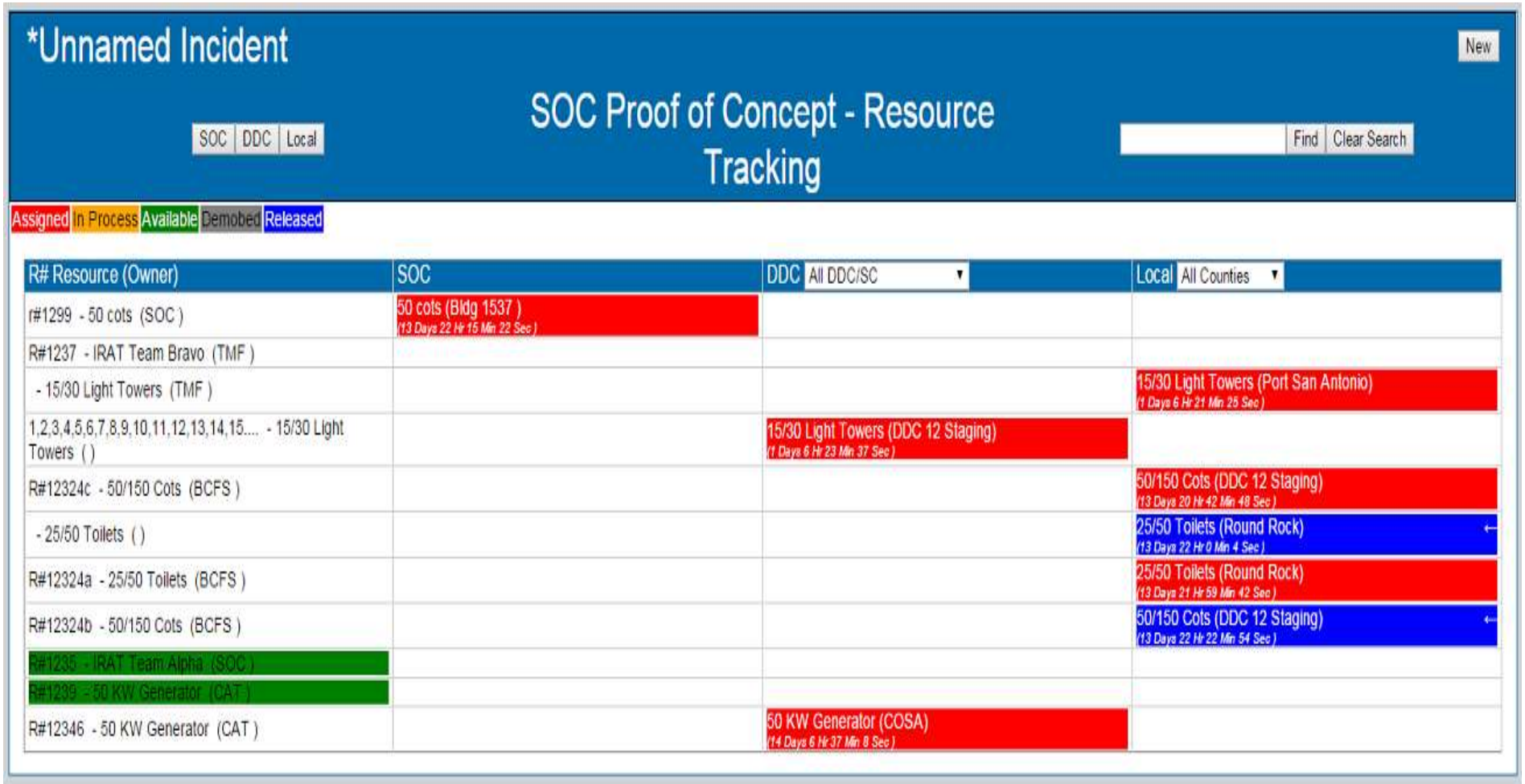
- PIN determines where STAR automatically pushes (no need for local to define route)
- After submission, WebEOC will email URL for STAR tracking / log
- Secure: PIN + specific STAR number to display
- Ease of use: PIN + email will display all associated STARs to email address
- PINs given to Cities*, Counties*, and DDCs
  - *To receive STARs, cities and/or counties must have actual WebEOC accounts on a participating WebEOC server.
- Provides a consistent and accurate Resource Tracking Process from Jurisdiction to DDC to SOC levels without account support

STAR Resource Tracking

- Allow for all resources generated from STARs to be visible and tracked at every stage by everyone from requestor to filler(s)
- Dashboard display shows all levels available and assigned resources
- Resources can be tracked outside of STARs
- Locals and DDCs release Resources
- Only SOC can demob Resources
- Provides a consistent and accurate Resource Tracking Process from Jurisdiction to DDC to SOC levels

STAR Resource Tracking – Input View

STAR Resource Tracking – SOC View



Emergency Tracking Network (ETN) in 2016

- Major reworking of what process and program will do
- Ease of use for sending and receiving jurisdictions to operate
- Wholly supported within TDEM CIS Section
- Can work with existing technology (EMTrack, AHRN, SNCA)
- Mobile friendly / capable
  - Camera
  - GPS

Emergency Tracking Network (ETN) in 2016

Basic Steps of ETN Process

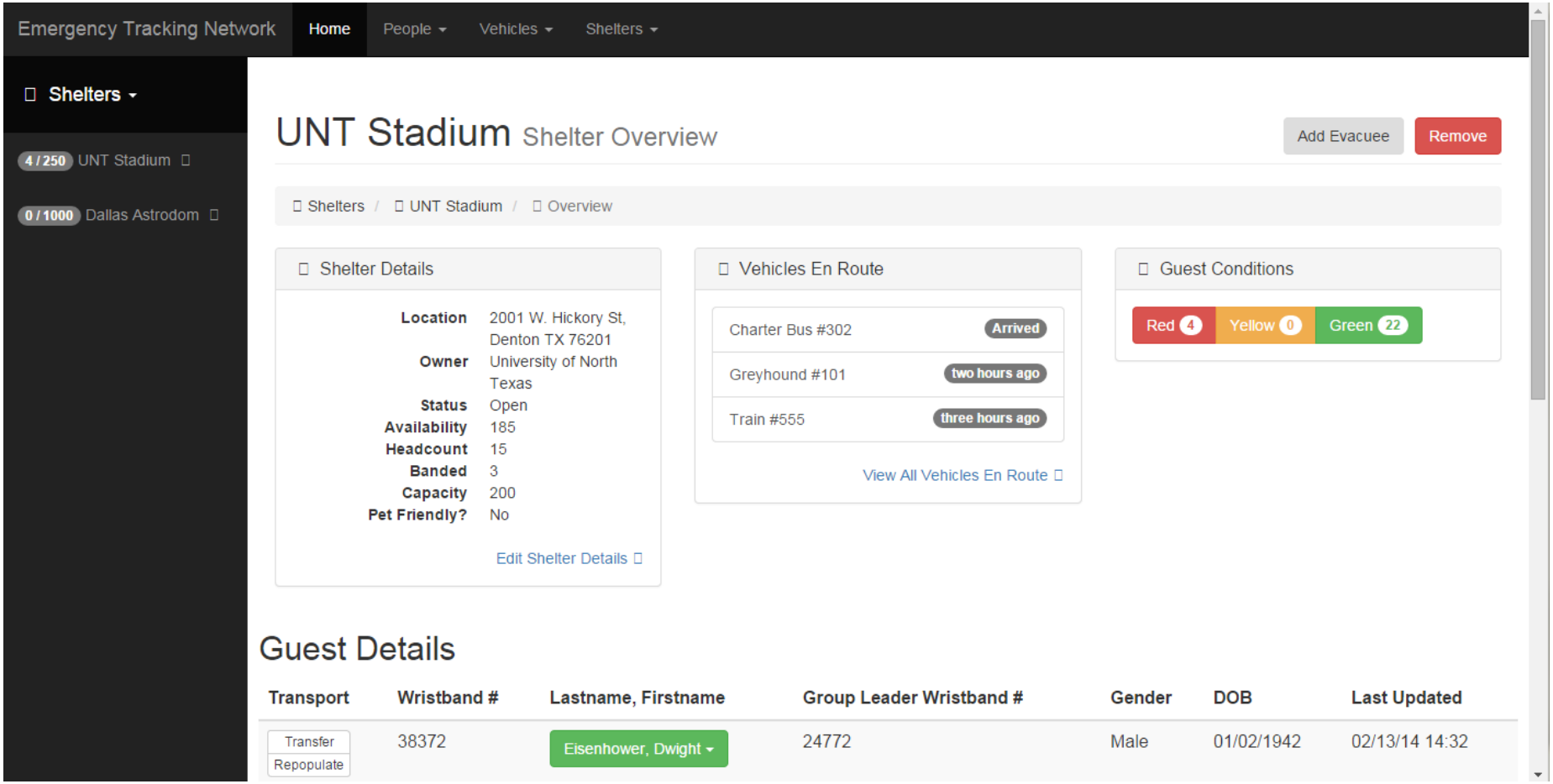
1. Embarkation Location Setup
    a) Locations & Vehicle Creation
    b) Enrollment of Evacuees, Pets, Durable Medical Goods
    c) Place Evacuees onto Vehicles

2. Transport to Reception Centers

3. Shelter Location Setup
    a) Locations Creation
    b) Receive Vehicles
    c) Shelter Counts by Type
        i. Headcount for GenPop
        ii. Per-person for Medical

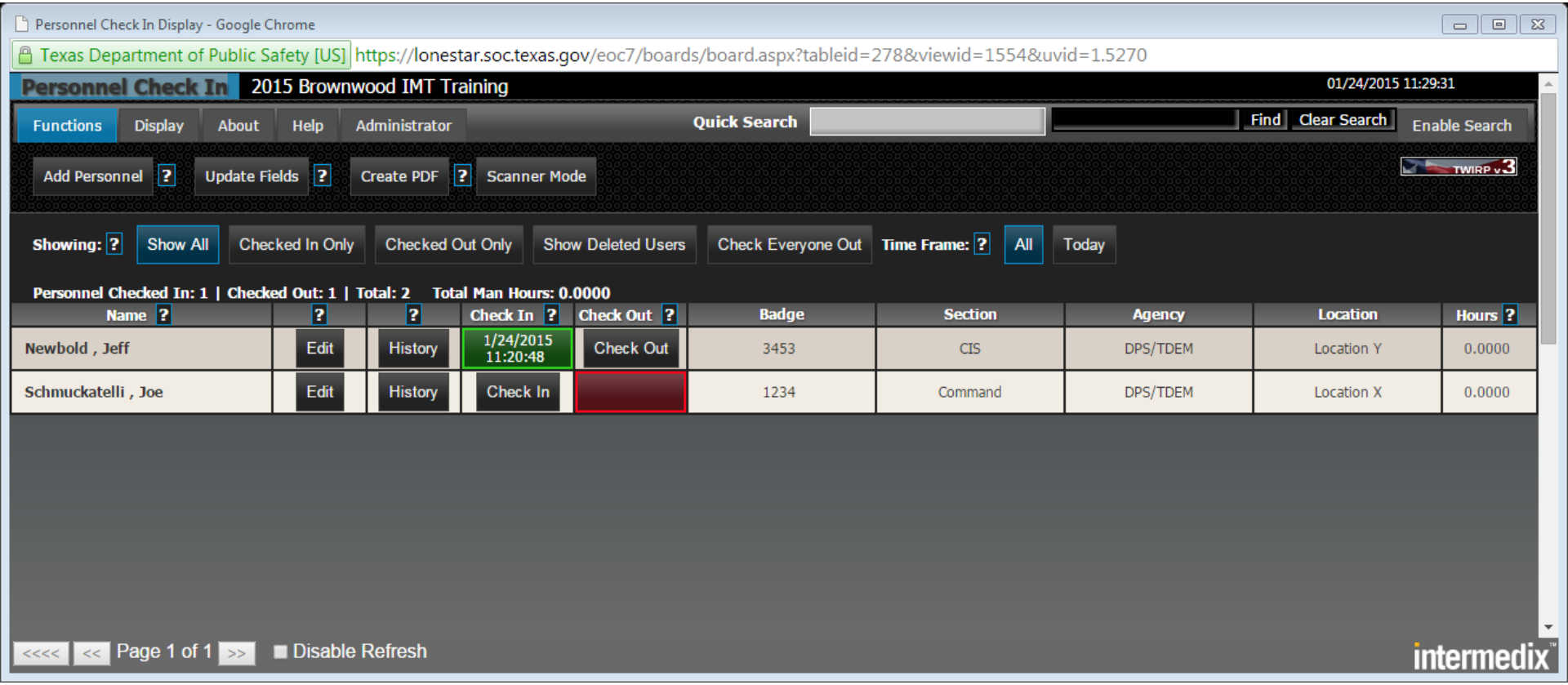
4. Repopulation

Emergency Tracking Network (ETN) in 2016

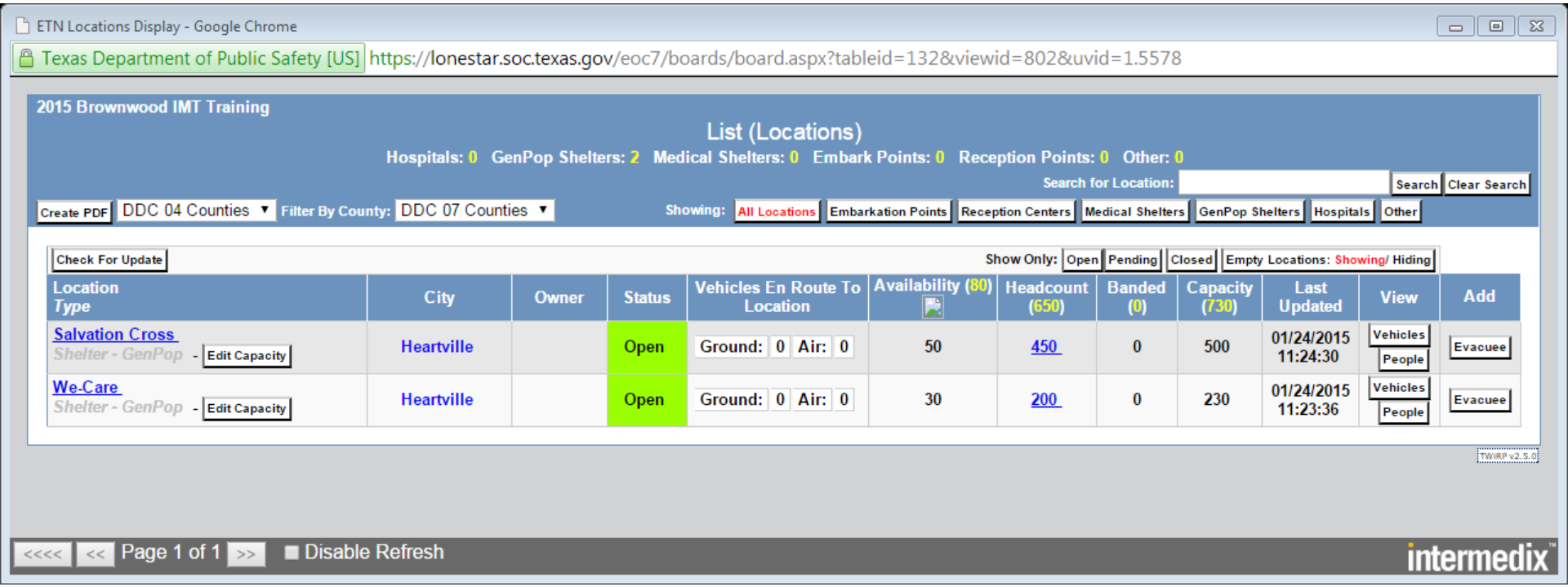


DDC Battle Rhythm

Personnel Check In



ETN Locations



SOC CLOCK

SOC CLOCK Display - Google Chrome
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https://lonestar.soc.texas.gov/eoc7/boards/board.aspx?tableid=111&viewid=661&uvid=1.5499
Texas Department of Public Safety
Courtesy ~ Service ~ Protection
DPS HOME
SERVICES
EMPLOYMENT
ABOUT US
SOC CLOCK
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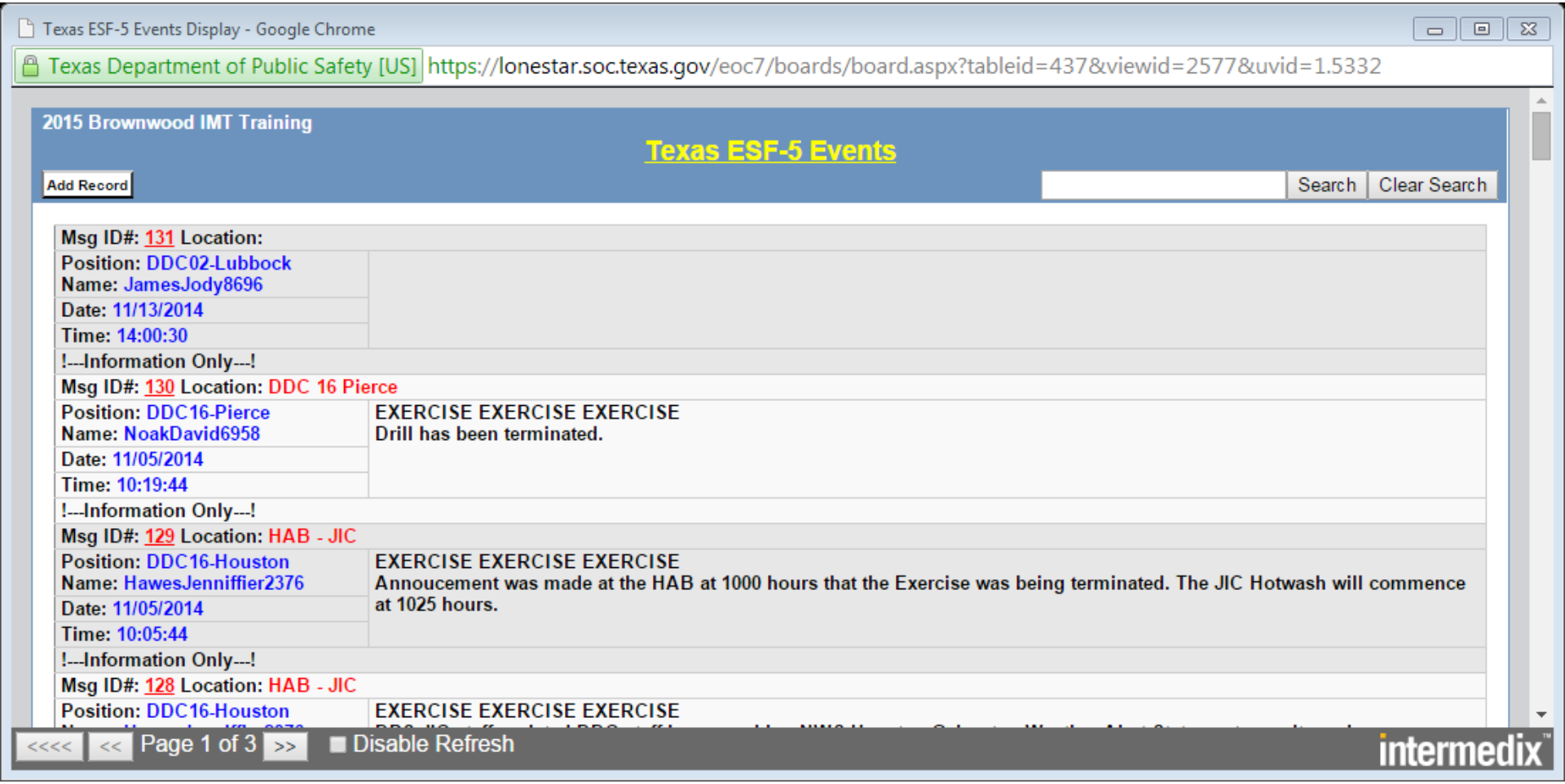
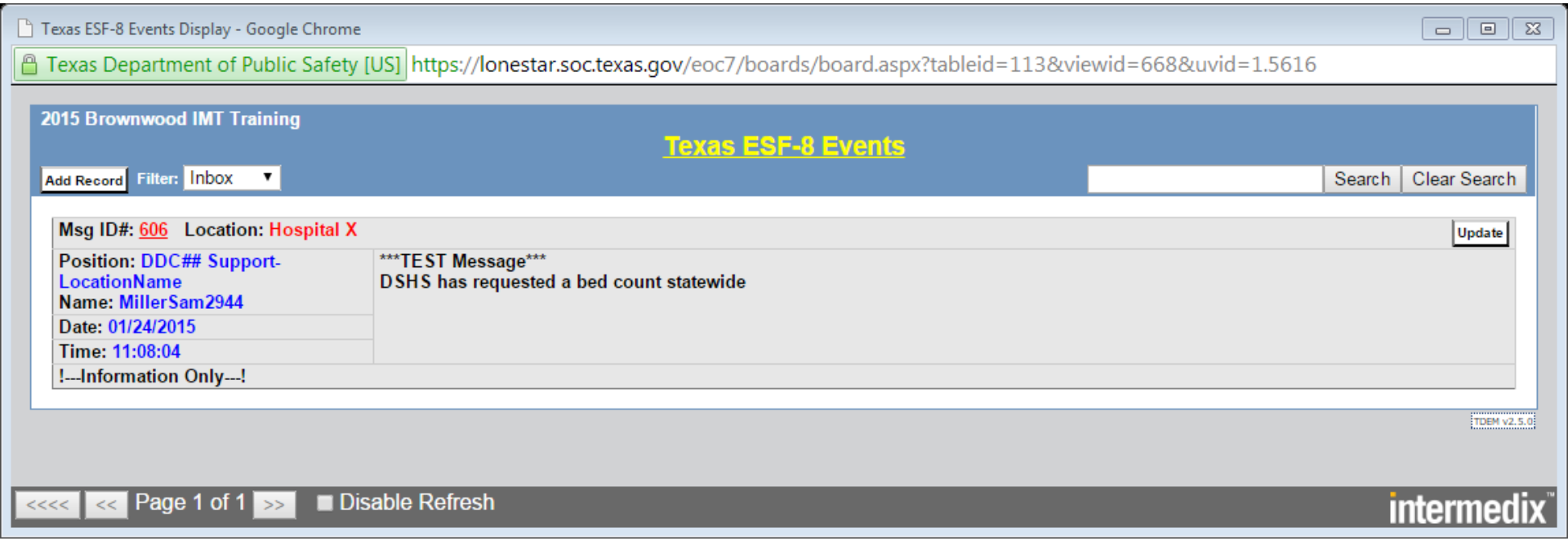
Texas Battle Rhythm

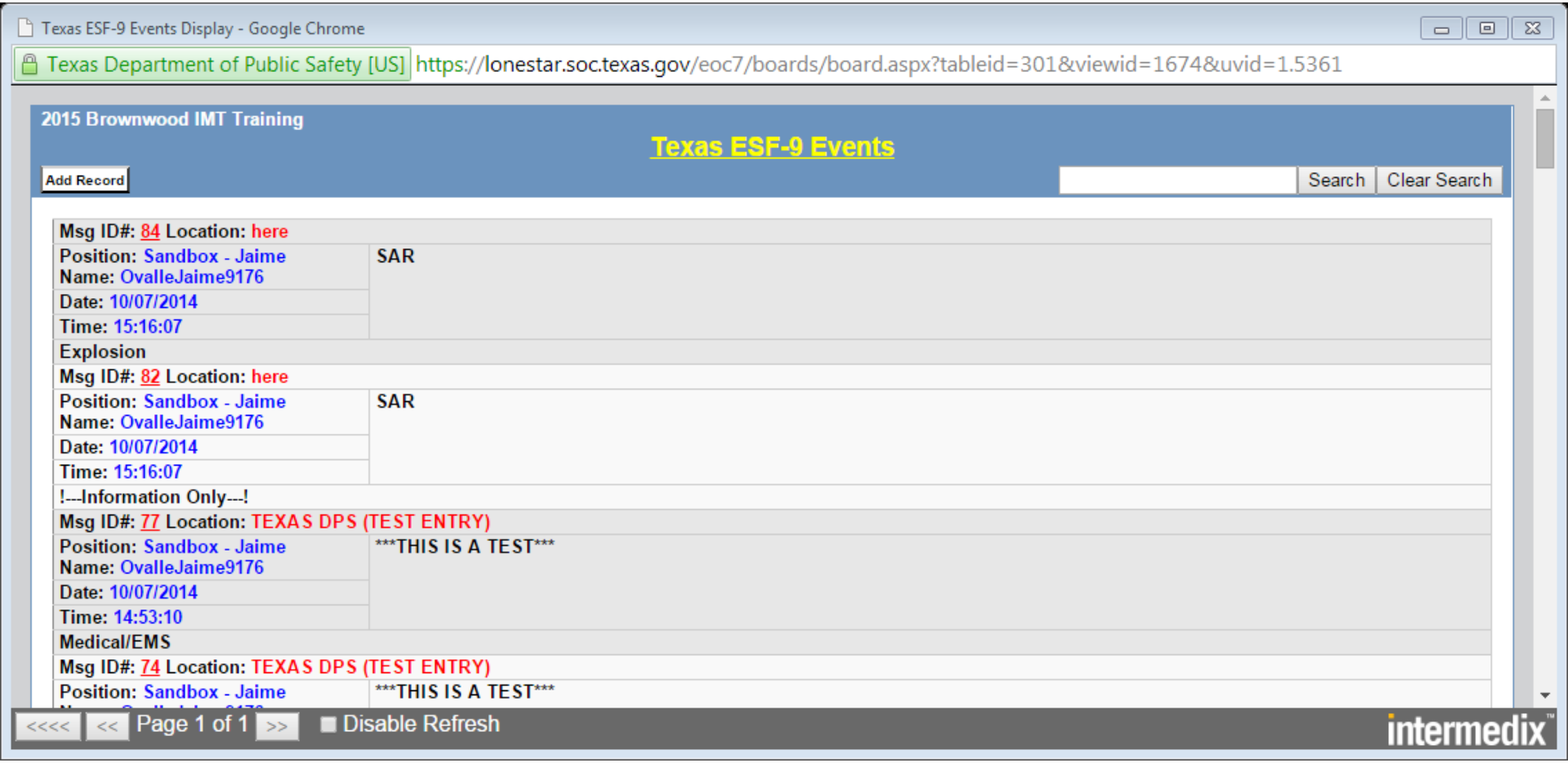
Texas ESF-5 Events



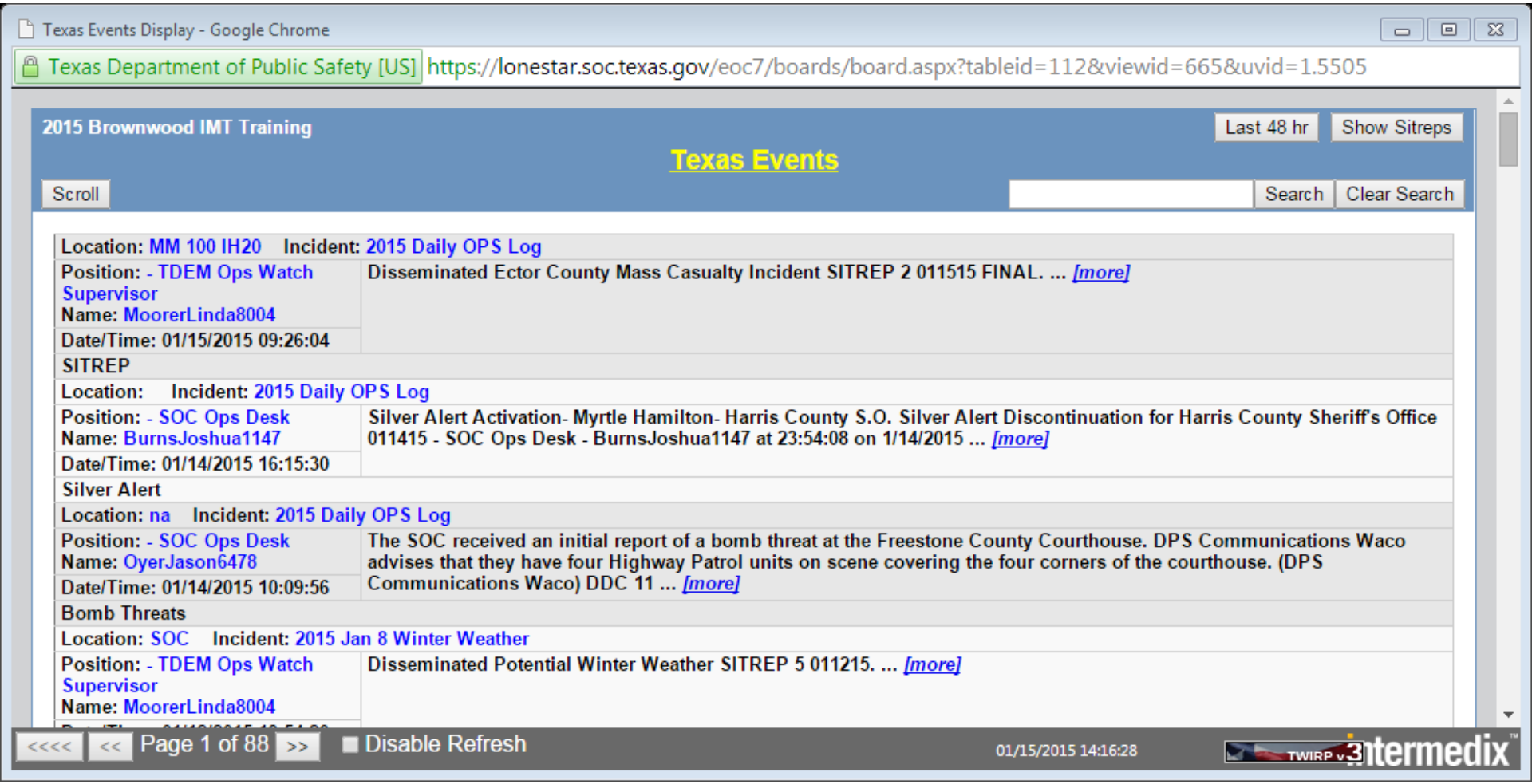
Texas ESF-8 Events



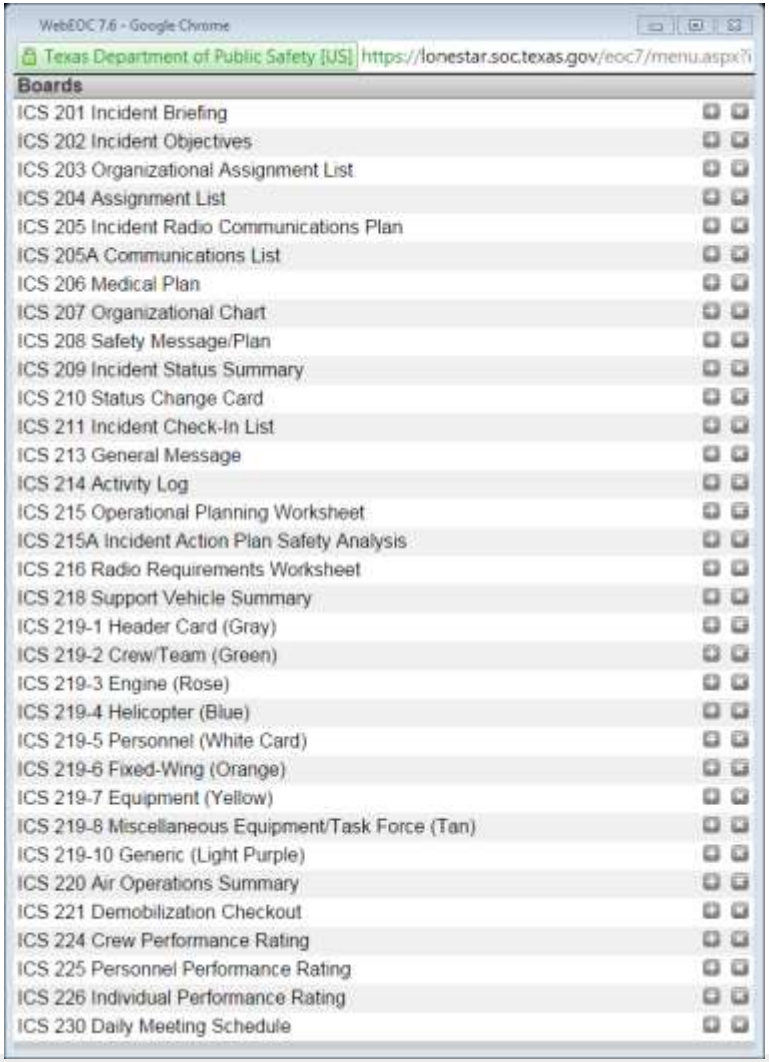
Texas ESF-9 Events



Texas Events



ICS Forms>>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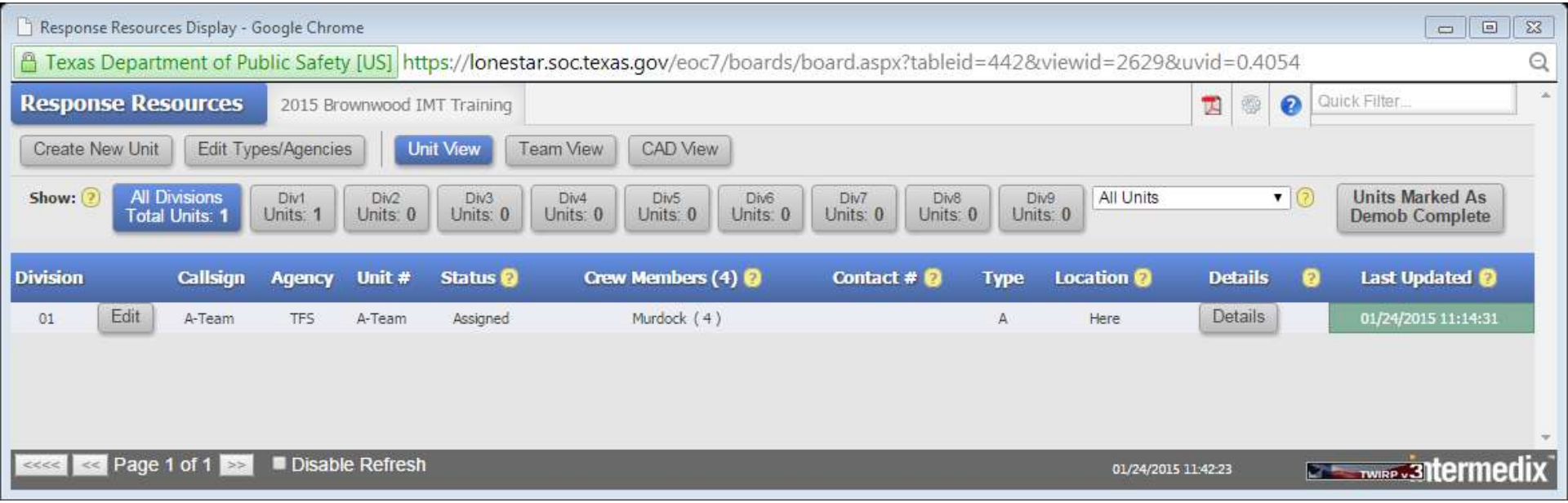
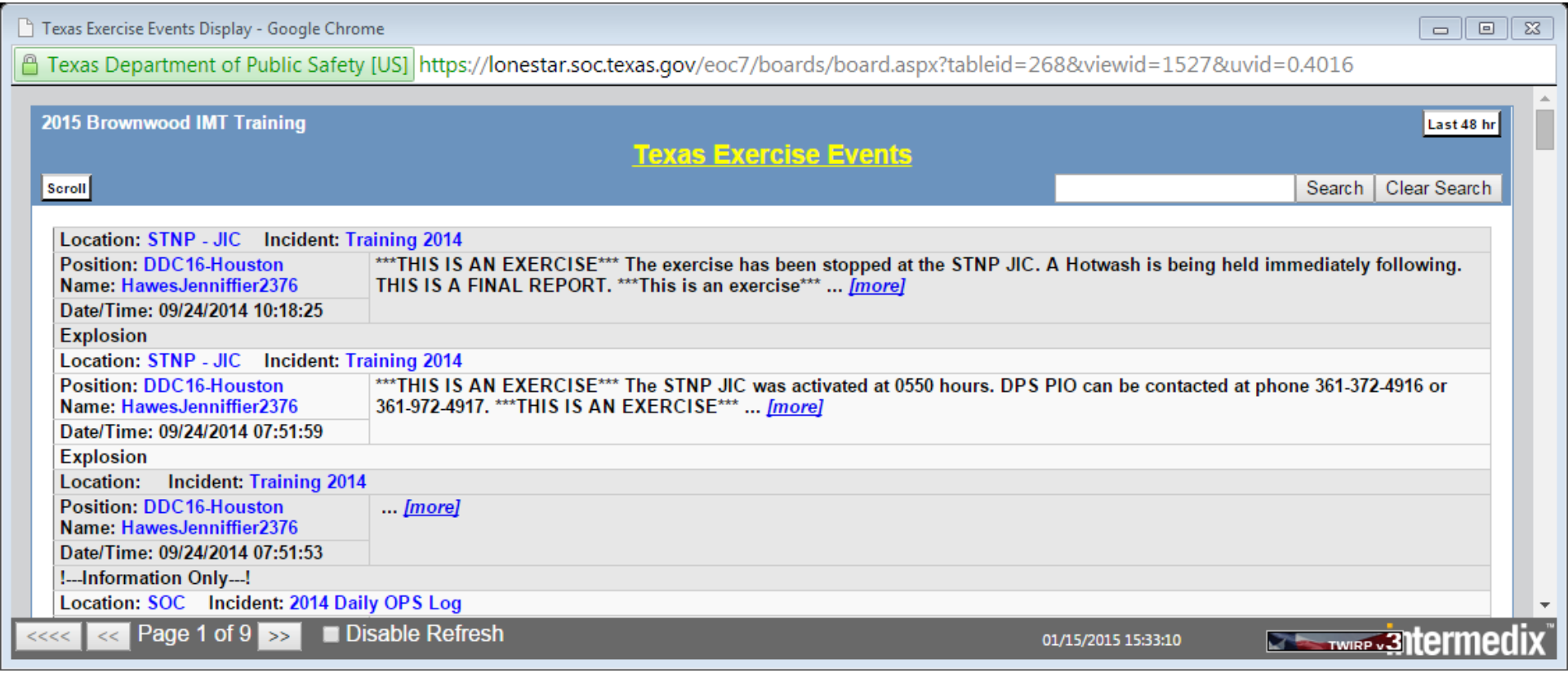
Texas Department of Public Safety [US]
https://lonestar.soc.texas.gov/eoc7/menu.aspx?i
Boards
ICS 201 Incident Briefing
ICS 202 Incident Objectives
ICS 203 Organizational Assignment List
ICS 204 Assignment List
ICS 205 Incident Radio Communications Plan
ICS 205A Communications List
ICS 206 Medical Plan
ICS 207 Organizational Chart
ICS 208 Safety Message/Plan
ICS 209 Incident Status Summary
ICS 210 Status Change Card
ICS 211 Incident Check-In List
ICS 213 General Message
ICS 214 Activity Log
ICS 215 Operational Planning Worksheet
ICS 215A Incident Action Plan Safety Analysis
ICS 216 Radio Requirements Worksheet
ICS 218 Support Vehicle Summary
ICS 219-1 Header Card (Gray)
ICS 219-2 Crew/Team (Green)
ICS 219-3 Engine (Rose)
ICS 219-4 Helicopter (Blue)
ICS 219-5 Personnel (White Card)
ICS 219-6 Fixed-Wing (Orange)
ICS 219-7 Equipment (Yellow)
ICS 219-8 Miscellaneous Equipment/Task Force (Tan)
ICS 219-10 Generic (Light Purple)
ICS 220 Air Operations Summary
ICS 221 Demobilization Checkout
ICS 224 Crew Performance Rating
ICS 225 Personnel Performance Rating
ICS 226 Individual Performance Rating
ICS 230 Daily Meeting Schedule

Response Resources



Texas Exercise Events



TIFMAS Tracker

EMTF Activity Information

EMTF Activity Information Display - Google Chrome

Texas Department of Public Safety [US] https://lonestar.soc.texas.gov/eoc7/boards/board.aspx?tableid=363&viewid=2062&uvid=0.4025

EMTF Component Menu | All Incidents | Quick Filter...

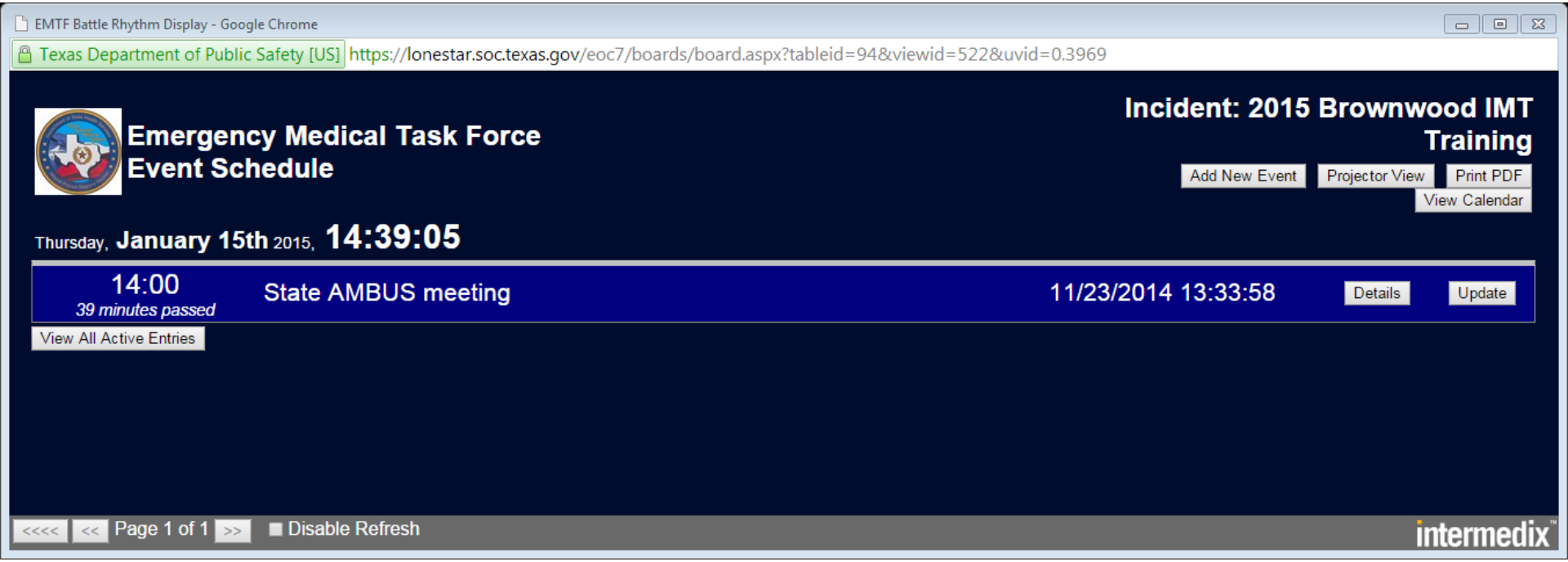
AMBUS Activity | MMU Activity

Select One of the Components Above.

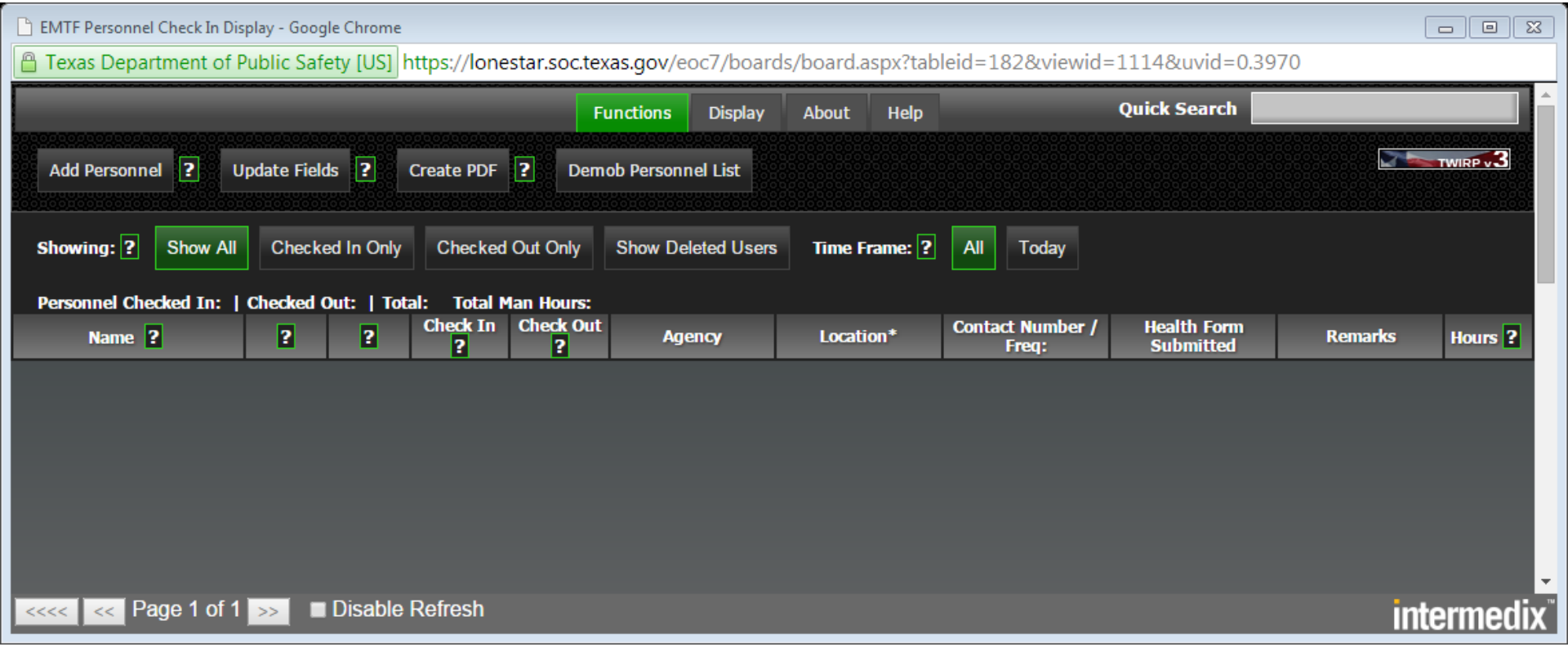
Region	Component	Agency or Type	Incident Name	Incident Date	Incident Type	Mission Type	Report	Time Last Updated
EMTF 9	AMBUS	Elite Medical Transport	Pecos County Memorial Hospital Surge	1/2/2015	Other	Regional	Details [In Process]	01/08/2015 18:19:49
EMTF 8	MMU	Type V MMU	Castle Hills Apt Fire 28DEC14	28DEC2014	Medical Aid Station	Regional	Details [ ]	12/29/2014 10:47:57
EMTF 8	AMBUS	San Antonio FD	Castle Hills Apt Fire 28DEC14	28DEC2014	(Select One)	Local	Details [ ]	12/29/2014 10:44:54
EMTF 8	AMBUS	Schertz EMS	Castle Hills Apt Fire 28DEC14	28 DEC2014	(Select One)		Details [ ]	12/29/2014 10:43:30
EMTF 1	AMBUS	UMC EMS	South Plains Food Bank Delivery	12/17/2014	Demo	Local	Details [ ]	12/30/2014 05:48:42
EMTF 1	AMBUS	UMC EMS	TTUHSC Demo	12/05/2014	Demo	Local	Details [ ]	12/17/2014 20:50:29
EMTF 4	AMBUS	PRMC-EMS	ST PAUL'S HOSP TRANSFER	11-15-2014	Evacuation	Mutual-Aid	Details [On Agenda]	01/09/2015 16:53:04
EMTF 7	AMBUS	Austin - Travis County EMS	Austin - Ferguson Missouri Protests	11/25/2014	Medical Aid Station	Local	Details [ ]	11/26/2014 14:54:23
EMTF 7	AMBUS	Austin - Travis County EMS	Southpark Meadows Nursing Home Evacuation	11/25/2014	Evacuation	Local	Details [ ]	11/26/2014 15:22:55
EMTF TX	MMU	Type II MMU	Texas EMS Conf. 2014	11/22/2014	Demo	State	Details [ ]	12/17/2014 20:55:19
EMTF 2	AMBUS	MedStar Mobile Healthcare	2014 TX EMS Conference	11/22/2014	Demo	State	Details [ ]	11/26/2014 15:23:09
EMTF 1	AMBUS	UMC EMS	Texas 2014 EMS Conference	11/21/2014	Demo	State	Details [ ]	11/26/2014 10:39:15
EMTF 1	AMBUS	UMC EMS	Texas Tech vs Oklahoma Football	11/15/2014	Other	Local	Details [ ]	11/18/2014 08:34:24
EMTF 2	AMBUS	MedStar Mobile Healthare	JPS Shot Clinic	11/10/14	Other		Details [ ]	12/17/2014 20:51:27
EMTF 7	AMBUS	Austin - Travis County EMS	Taylor Scott & White Hospital Exercise	11/05/2014	Training	Regional	Details [ ]	11/12/2014 11:46:59

<<<< << Page 1 of 1 >> Disable Refresh 01/15/2015 15:38:09 TWIRP v3 intermedix

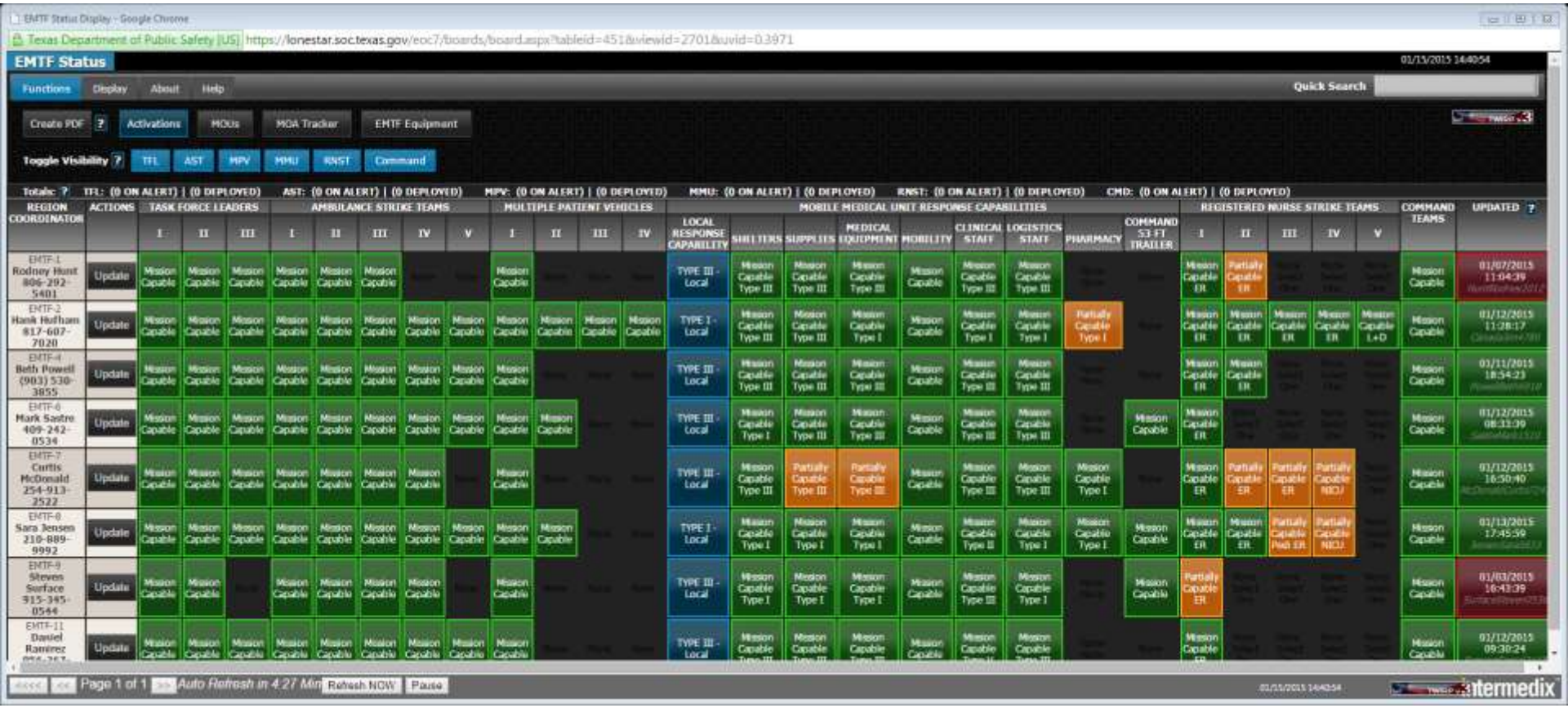
EMTF Battle Rhythm



EMTF Personnel Check In



EMTF Status


EMTF Status Display - Google Chrome
Texas Department of Public Safety [US] https://lonestar.soc.texas.gov/eoc7/boards/board.aspx?tableid=451&viewid=2701&uvid=0.3971
EMTF Status
01/15/2015 14:40:54
Functions
Display
About
Help
Quick Search
Create PDF
Activations
MOUs
MOA Tracker
EMTF Equipment
Toggle Visibility
TFL
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MPV
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RNST
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REGION COORDINATOR
ACTIONS
TASK FORCE LEADERS
AMBULANCE STRIKE TEAMS
MULTIPLE PATIENT VEHICLES
MOBILE MEDICAL UNIT RESPONSE CAPABILITIES
REGISTERED NURSE STRIKE TEAMS
COMMAND TEAMS
UPDATED
LOCAL RESPONSE CAPABILITY
SHELTERS
SUPPLIES
MEDICAL EQUIPMENT
MOBILITY
CLINICAL STAFF
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PHARMACY
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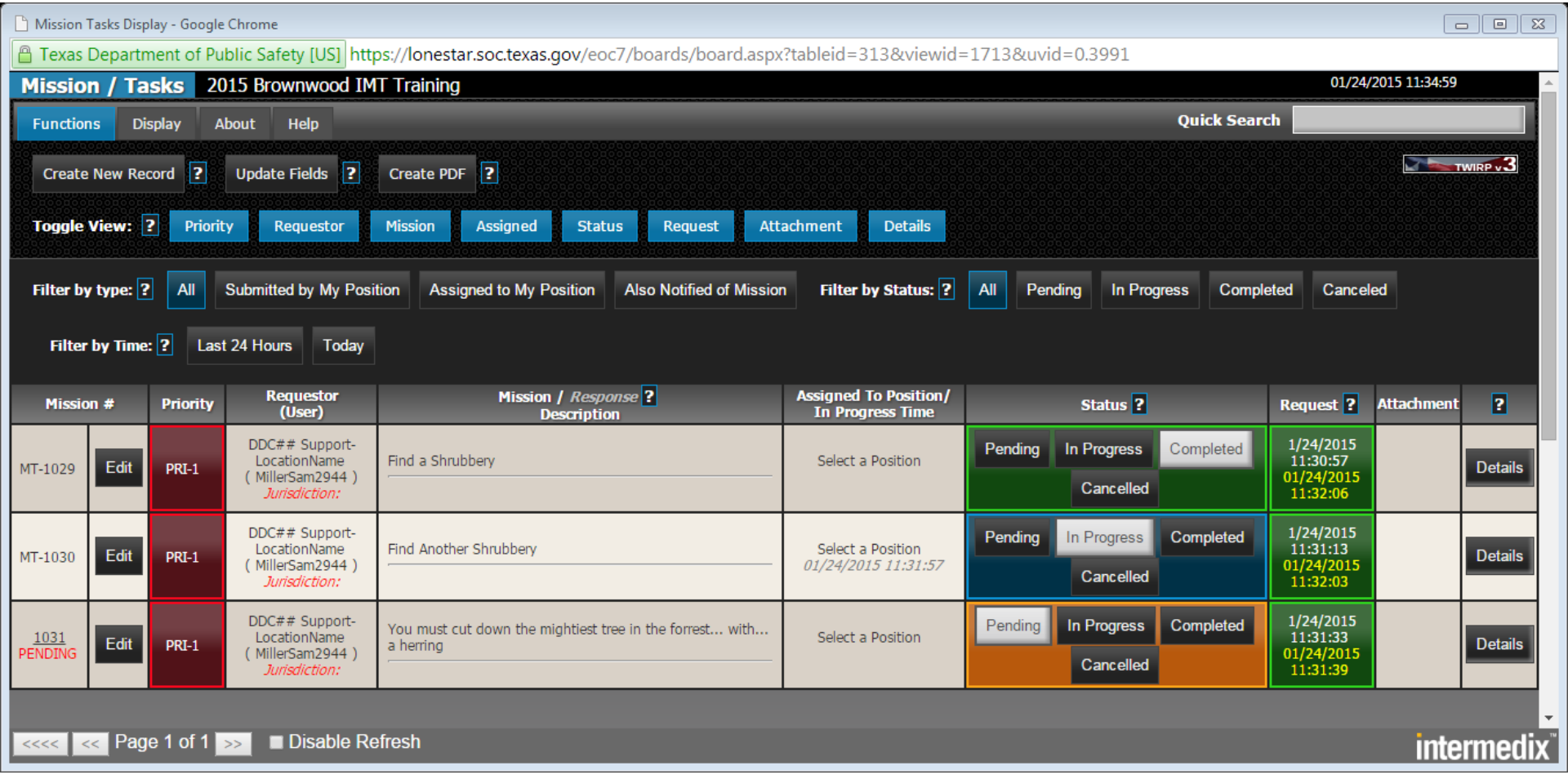
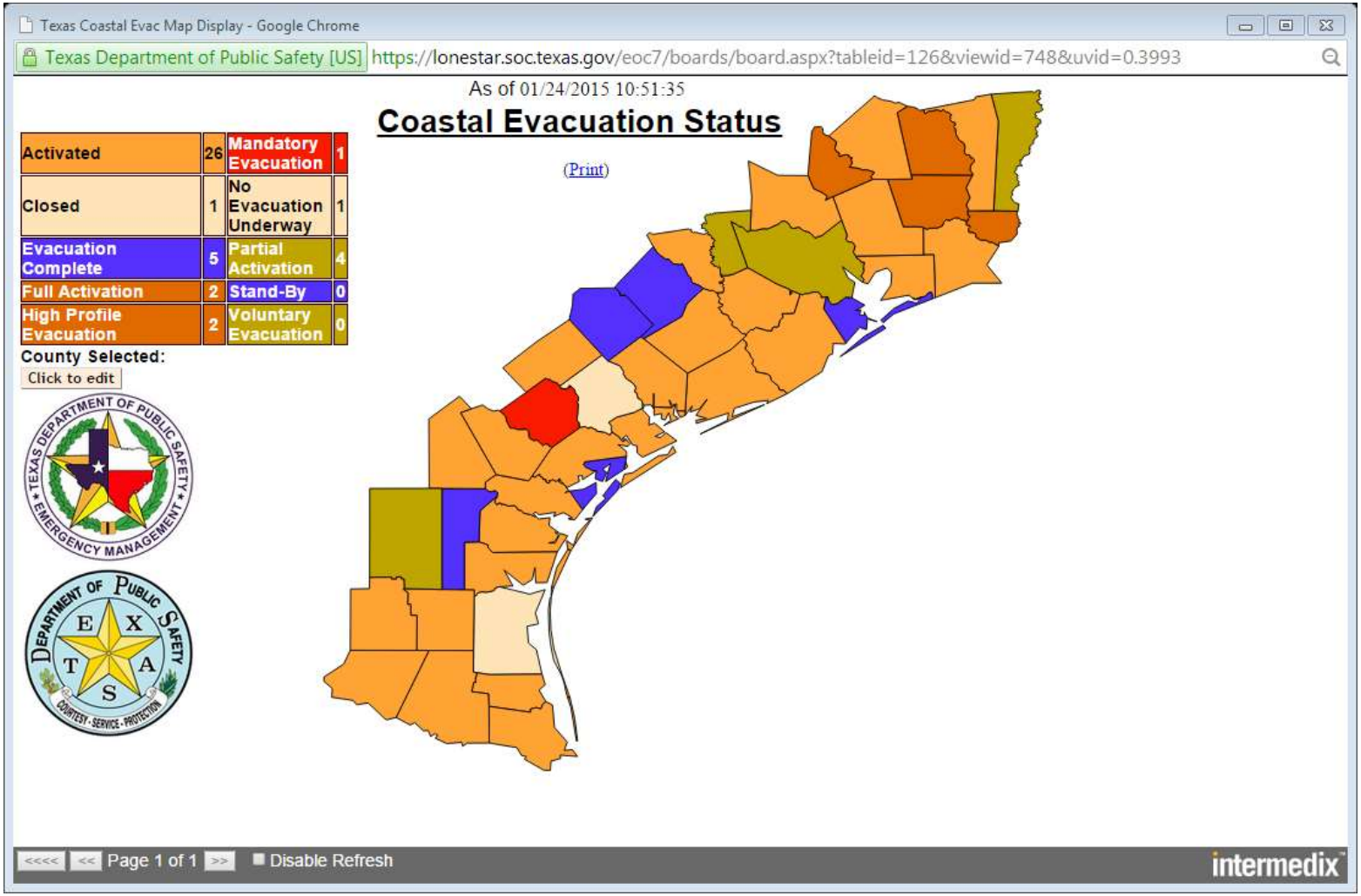
Mission / Task

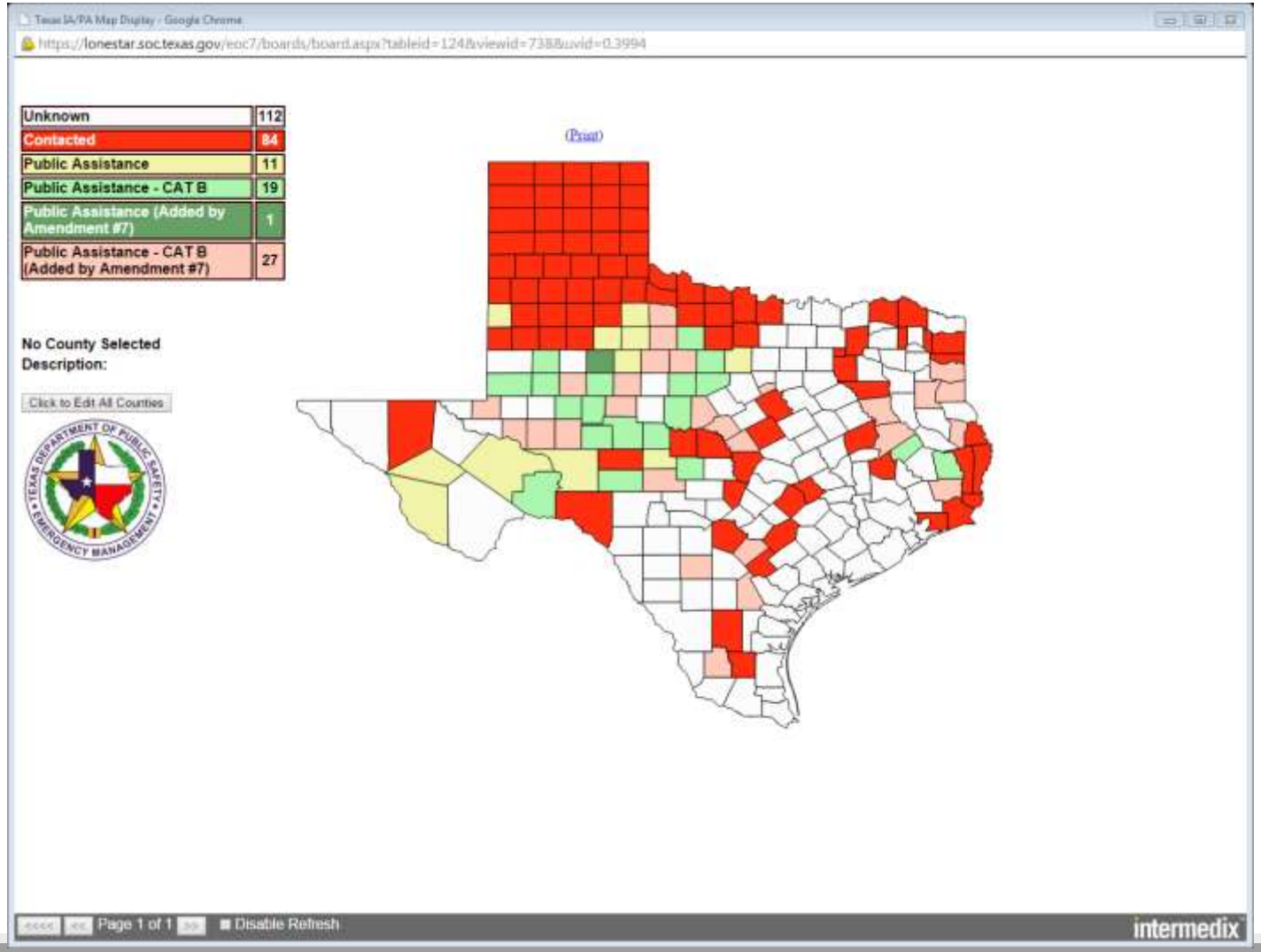


FEMA Region VI Weather Tracker

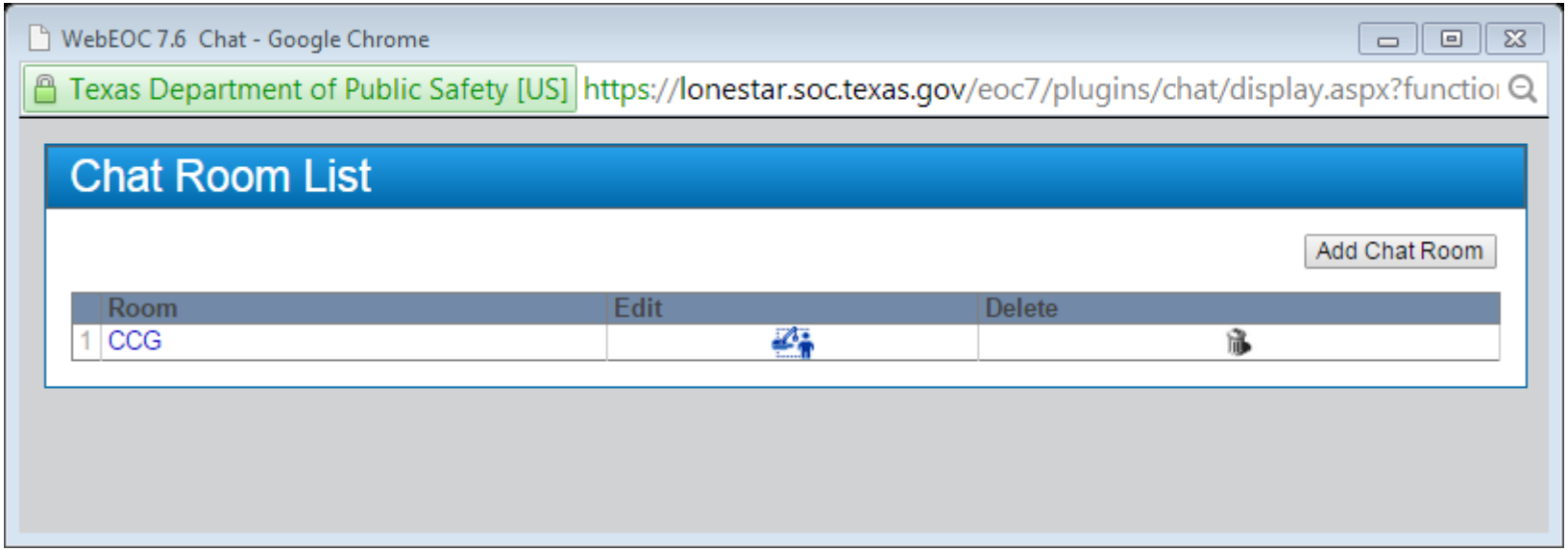
Texas Coastal Evac Map



Texas IA/PA Map



Tools: Chat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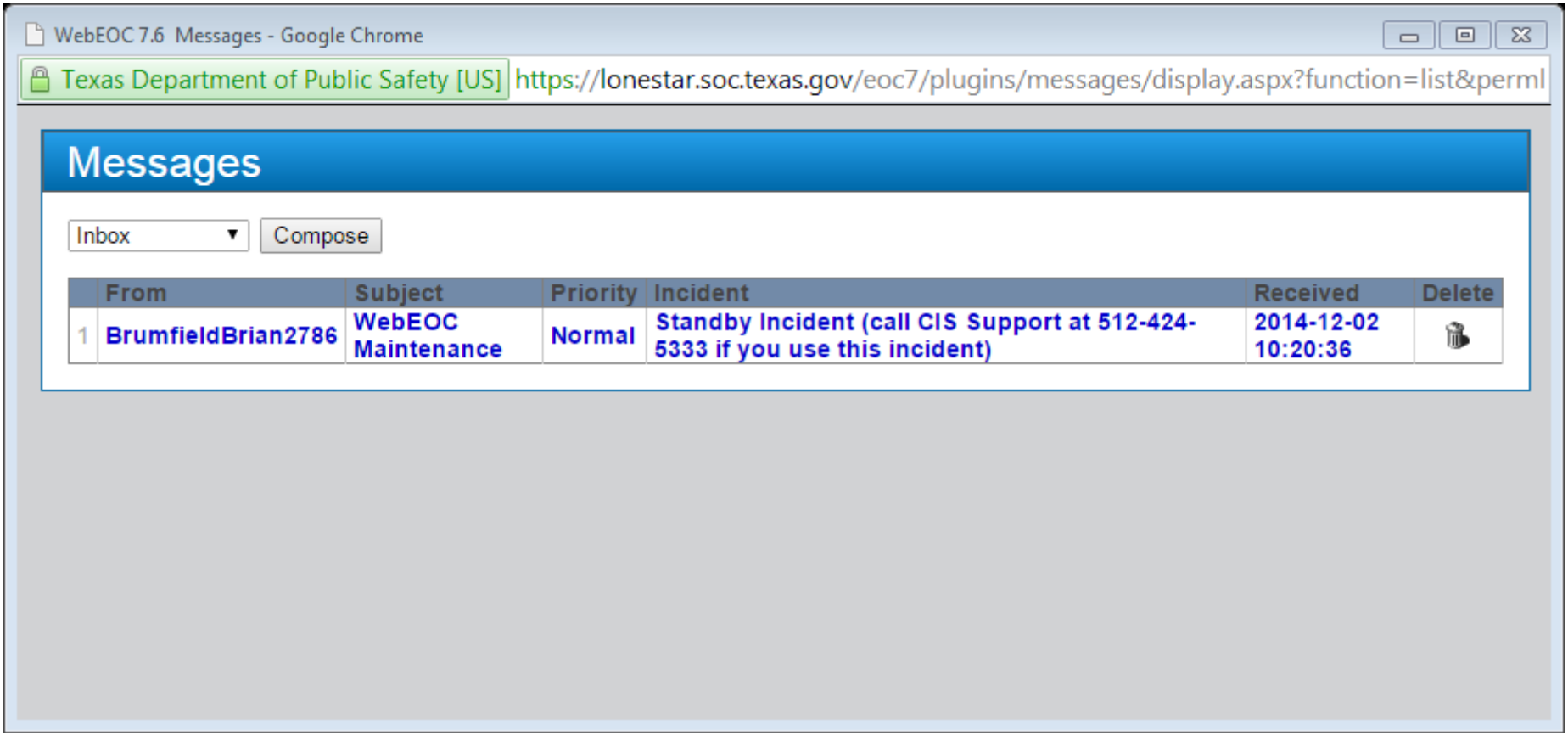
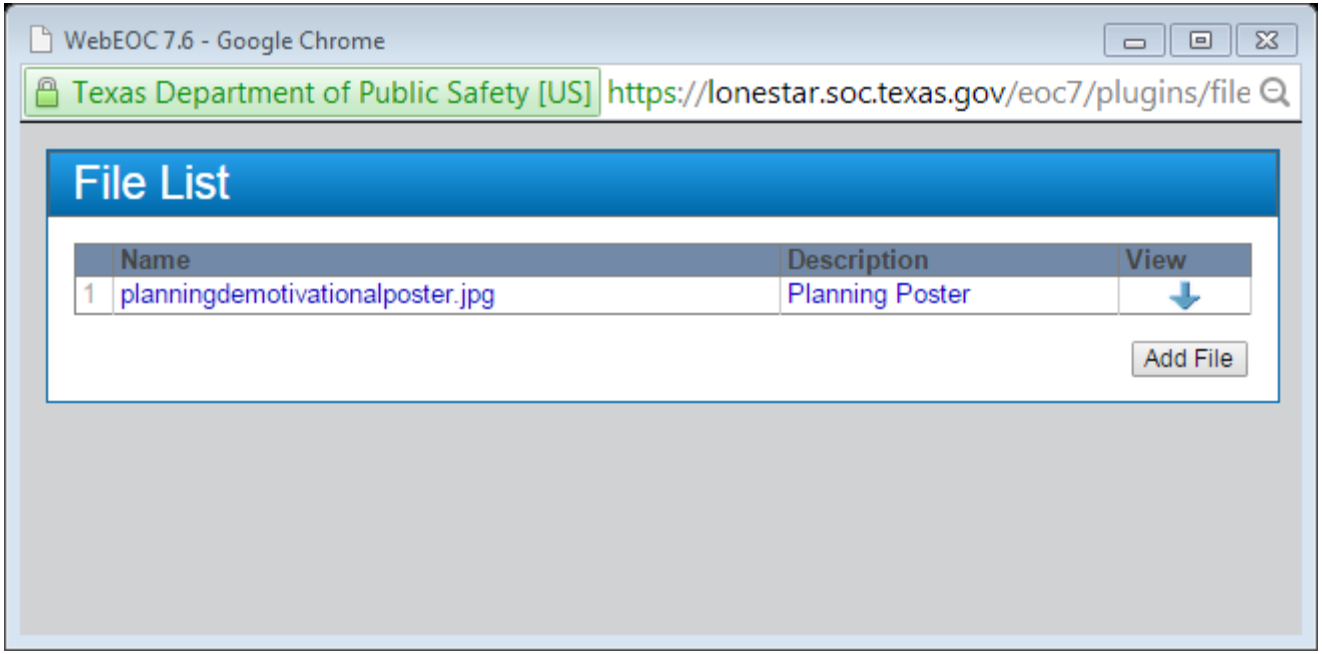
https://lonestar.soc.texas.gov/eoc7/plugins/chat/display.aspx?functio
Chat Room List
Add Chat Room
Room
Edit
Delete
1
CCG

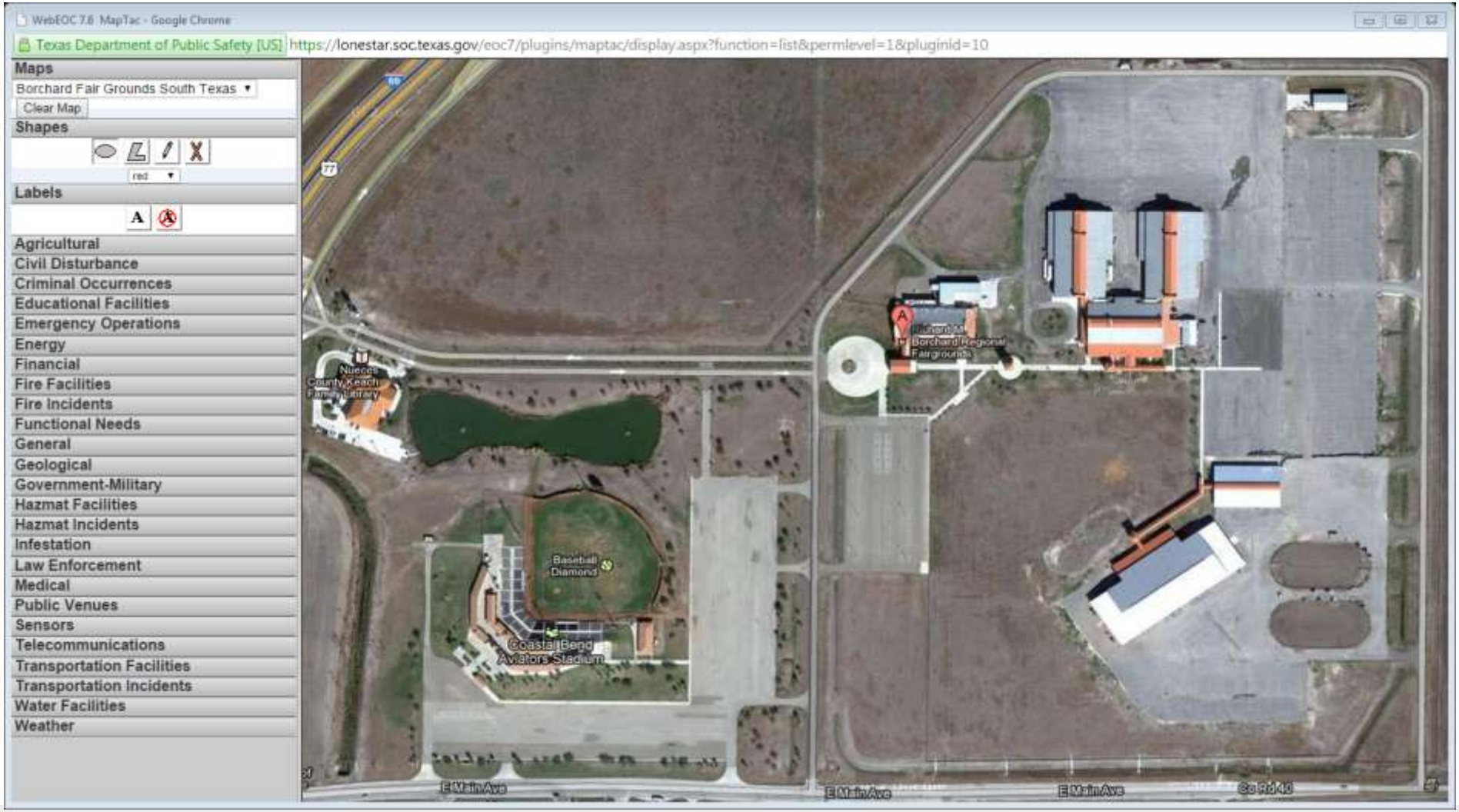
Tools: Messages



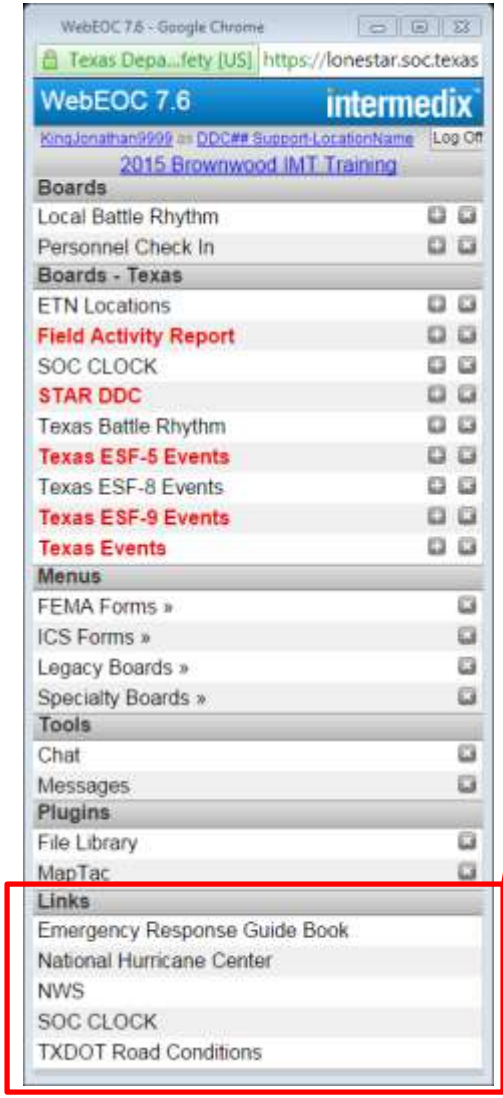
Plugins: File Library



Plugins: Map Tac



Links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Local Battle Rhythm
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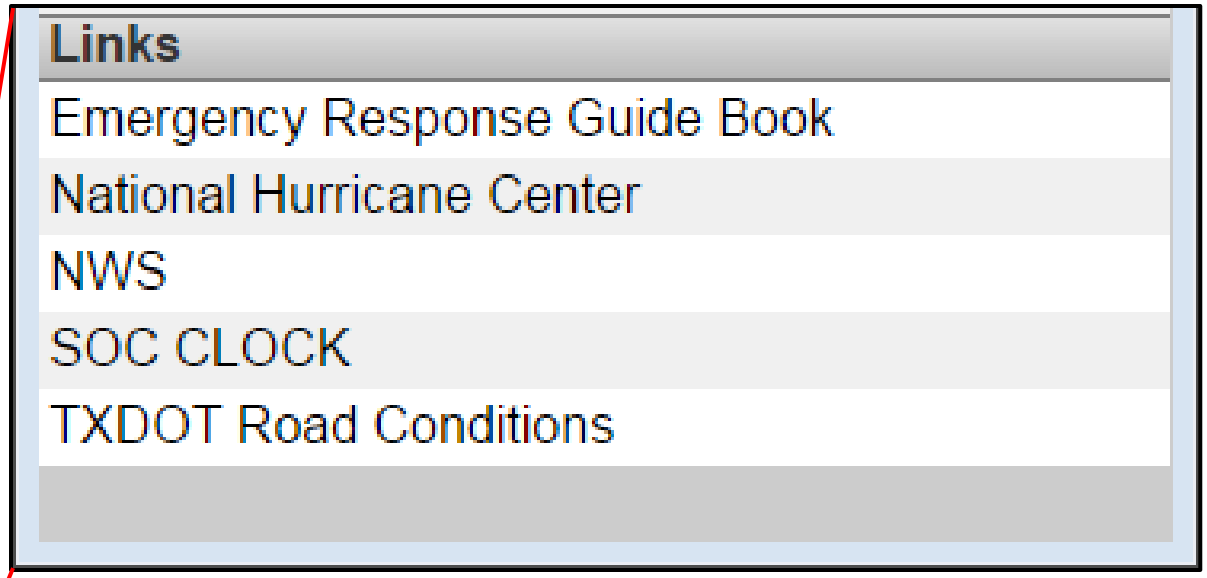
Tools
Chat
Messages
Plugins
File Library
MapTac
Links
Emergency Response Guide Book
National Hurricane Center
NWS
SOC CLOCK
TXDOT Road Conditions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Final Comments

- Processes will drive solutions for incident specific needs as in Ebola.
- Standardized processes result in better communication paths.
- TDEM CIS has ability and capability to give state, regional and local interoperability. Use this resource!

TDEM CIS Support
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