Mission Statement

The Texas Disaster Recovery Task Force (DRTF) was developed to assist jurisdictions that have been impacted by an emergency or disaster recover more efficiently by starting the recovery process early in the response phase. DRTF members will assist with training, development of procedures, dissemination of the most current recovery information and could respond to support local jurisdictions during an event.
Agenda

• Sequence of Events
• Rapid Damage Assessments RDA – Self Damage Assessments iSTAT
• Survey1-2-3
• Virtual Validation/Web EOC
• Preliminary Damage Assessments (PDA)
Sequence of Events

1. Disaster Event
2. Response
   - Rapid Self-Reporting SDA/Damage Assessment RDA
   - State Assessment PDA
   - Joint Preliminary Damage Assessment (Local Jurisdictions, State, and Federal Partners)
3. State Request for Assistance
4. FEMA Region VI, HQ and DHS makes recommendations to the President
5. The President makes a decision regarding the declaration request

*Teams may be developed and tasked as needed*
Purpose of Rapid Damage Assessment (RDA) and Self-Damage Reporting (SDA)

The primary objective of the Rapid Damage Assessments (RDA) and Self-Damage Assessments (SDA) is to help disaster-impacted local governments, and the State of Texas, capture the scale/scope of the disaster.

Later in the process, the same data will be used in the PDA to determine whether the impacts of a disaster warrant a Presidential disaster declaration. Presidential disaster declarations specify whether jurisdictions are eligible for FEMA disaster assistance and what types of assistance are available.
Documentation gathered after the RDA is completed

1. Confirm Location on RDA Platform– Address/ GPS Coordinates (decimal format)
2. Update Damage Description and Dimensions (DDD)
3. Upload Additional Photographs (already captured on the RDA)
4. Request Scope of Work (SOW)
5. Request Estimate Costs or Actual Costs
6. Force Account Labor/ Contract/ Both
7. Identify Codes and Standards
8. Environmental and Historical Preservation (EHP) Considerations
9. Other Federal Agencies who have Authority
RDA – SDA will provide:

- Locations of damages (including projected damages) using GPS or annotated maps
- Representative sample of photographs of damage
- Known access and functional needs (AFN) populations
- Assessment of temporary housing needs
Transitioning
Rapid Damage Assessment (RDA)
to
Preliminary Damage Assessment (PDA)

Public Assistance provides federal assistance to support communities’ recovery from major disasters by providing them with grant assistance for debris removal, life-saving emergency protective measures and for restoring public infrastructure.

Joint PDAs are usually conducted to identify disaster-related damage and determine whether jurisdictions are eligible for PA. This event will not have a joint collaboration and require other tools.

We will be using the RDA Survey 123 System
RDA – Public Damages
Survey123 Features

Survey123

Mobile Platform to Capture Storm Related Damages:
• Pictures
• Address
• Damage Assessment

Used for Rapid Damage Assessments
Survey123 Step by Step

Username: TBA
Password: TBA
Survey123 Step by Step
Survey123 Step by Step
In this initial PDA entry, first fill out the
- Incident ID Number
- Incident Begin Date
- State
- County
- Event Type
- Field Team Member

To drop the pin at the correct PDA site location on the map, select the map area.

Take photos to capture the damage. Once the PDA form is complete, press the Check Mark in the lower right of the screen.
Web EOC Recovery Common Operating Picture (COP) Snapshot
What is the Recovery Common Operating Picture (COP)?

A common operation picture (COP) is a continuously updated overview of an incident compiled throughout an incident's life cycle from data shared between integrated communication, information management, and intelligence and information sharing systems. The goal of a COP is real-time situational awareness across all levels of incident management and across jurisdictions.

For more information visit:
Web EOC

Username
ENTER USER NAME HERE

Password
************

By proceeding, you agree to Juvare’s Privacy Policy and Terms & Conditions

Log In

Forgot Username? | Forgot Password?

Select Position and Incident

Position
DTF Regional Coordinator

Incident
WebEOC Training Incident

Cancel | Continue
The current username and password for the Recovery Common Operating Picture is:

- **User:** TDEM Viewer
  - **Password:** SOC_Viewer1
- Or
- **User:** TDEM Viewer2
  - **Password:** SOC_Viewer2

Sign in to Texas Department of Public Safety
User: Texas DEPT of Public Safety

Username
Password
Remember me
Submit
Common Operating Picture Dashboard

- Each incident will be listed on the tabs at the top of the dashboard.
- Here we can see a snapshot of Hurricane Laura damages.
- Initial reports come in and can be seen in the first column.
- Then TDEM validates the initial reports seen in the middle column.
- Then FEMA validates the data sent to them by the state or validates them by performing their own in field assessments seen in the 3rd column.
• The magnifying glass icon allows you to search a property by address.

• The house icon brings you back to the main dashboard.

• The legend icon allows you to view the color chart meaning.

• The layers icon allows you to add or remove layers of your choice.

• The last icon shows you the available base maps.
Viewing Damage Surveys

With proper approval, by clicking a dot of interest, a detailed survey will show up with homeowner demographics along with a photo of the damaged property.
Remote Sensing

- Civil Air Patrol (CAP) Photography
  - High resolution airborne imagery
  - Geo-tagged
- Traditional Media
  - Photos or traditional media
  - Social Media
2D Imagery

The tools bar allows the user to change map views and layer data desired.

Double clicking the tab at the bottom will bring up the data view at the bottom.
3D Imagery with Parcel Data and AI Damage Assessment
What is a Disaster Summary Outline (DSO)?

• TDEM’s online tool to collect disaster damage estimates from jurisdictions which helps determine the scope of disaster damages

• Provides data needed to...
  • identify and communicate necessary resources
  • determine if Joint Preliminary Damage Assessments (PDAs) are needed
  • potentially support a request, a disaster declaration, and federal assistance
Contact Information

Disaster Recovery Task Force staff and members are deployable resources during times of disasters or emergencies. For additional information contact your District Coordinator.

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