Field Data Collection

IAP Software - Developed for Responders by Responders

Your ability to respond is our shared responsibility ™

Mobile Data Collection

The Response Group
Emergency Response | Pre-Planning & Support

Needs

- Quickly capture data in the field
- Increase time to send field data into Command Post
- Two- way communication between field and ICP

Functionality

- User can send updates using forms, maps or both
- Ability to collect data offline
- Cross platform and cross browser support
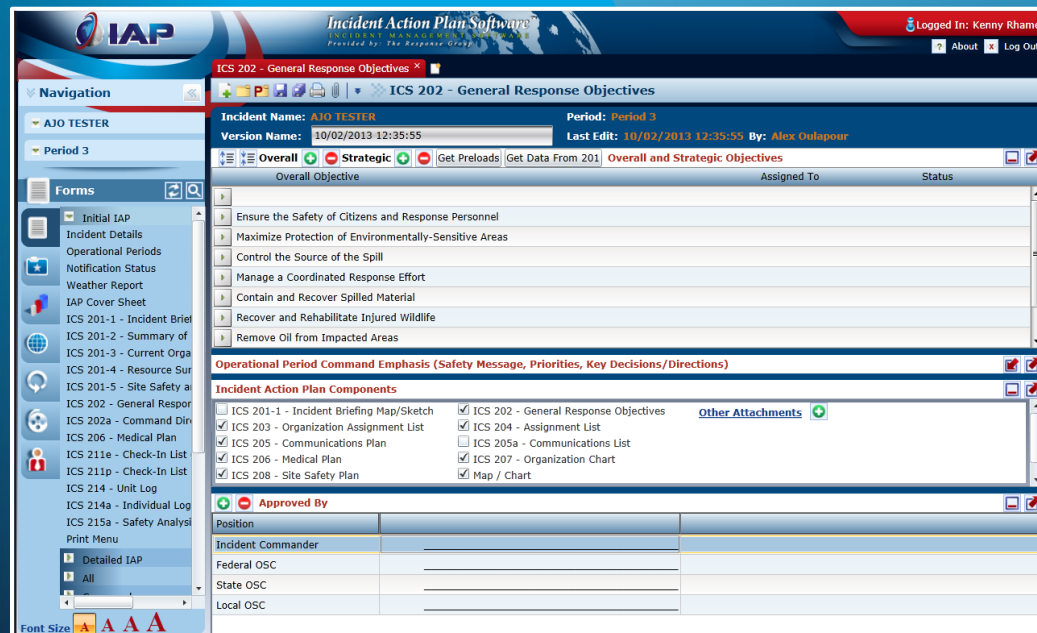
Data Quality

- QA/QC data before dissemination or display
- Approval process for displaying data

Interoperability

- Ability to share data collected as services

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IAP Software

Key Features :

- Mapping component with direct interface to Common Operating Picture
- Crisis Management Module
- Mobile device functionality with offline capability
- New automated Situation Status Display
- Operational Situation Awareness
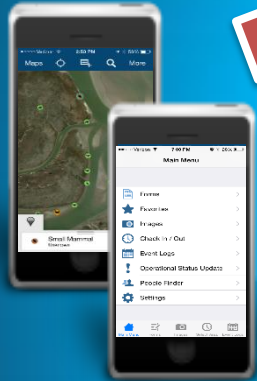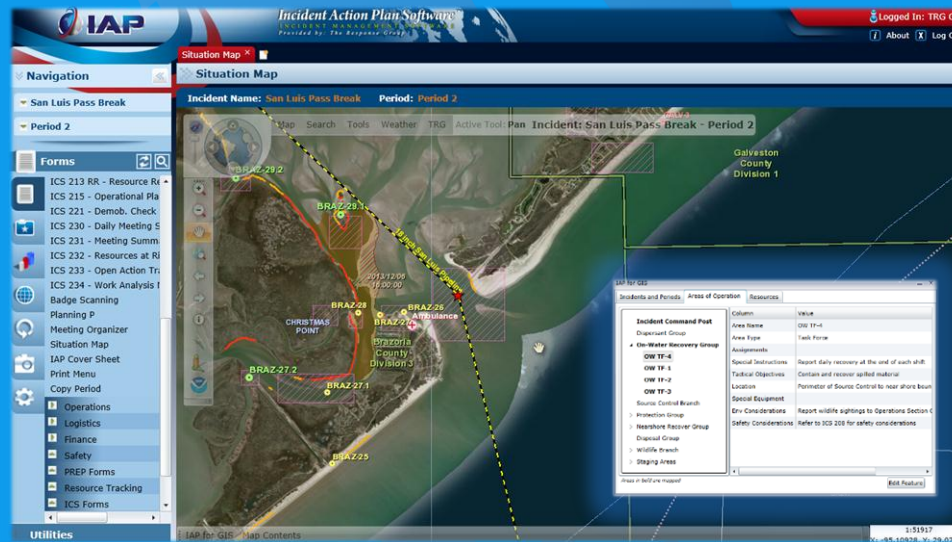- Create Incident Wizard

Common Operating Picture

Mobile Data Collection

- **Displays real-time updates**
- **Data collection from the field**

GIS Specialists

- **Create and Edit data from Command Post**
- **QA/QC field data collected**

Integration

- **Fully integrated with other TRG products including IAP**
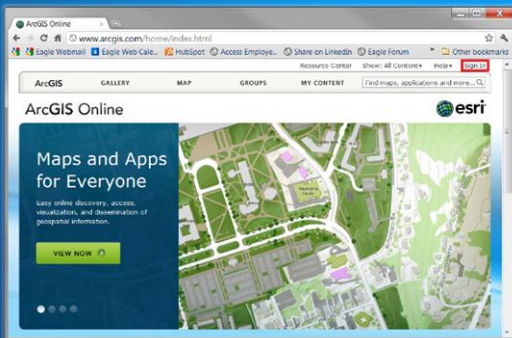
Compatibility

- **ArcGIS Online**
- **Uses Standard Web Map Service (WMS)**

Mobile Applications

Mobile IAP

- **Incident Creation Wizard (ICS 201)**
- **Offline Capability**
- **Badging/Check-in**
- **Event / Individual Logs**
- **Images/Picture Upload**
- **Operational Status Update**
- **Map Viewer**
- **ICS Forms Viewer**

TRG Recon

- **Operational Updates**
- **SCAT**
- **Wildlife**
- **Claims**
- **Safety**
- **Field Observations**

Mobile IAP

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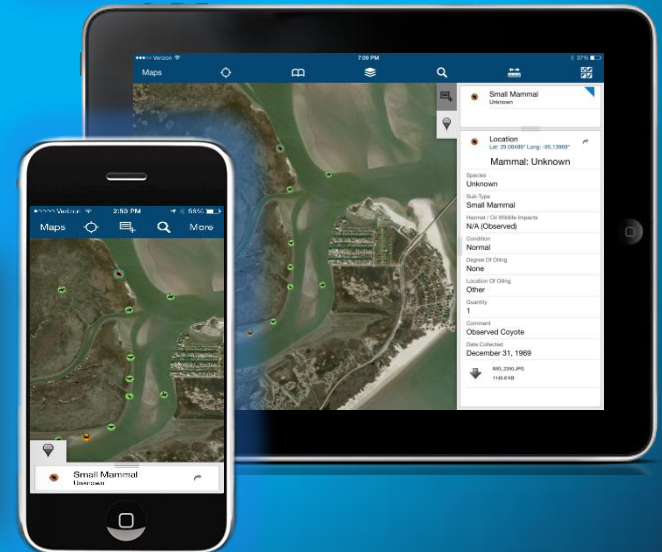
Mobile IAP for Version 5.0

- Ability to use Mobile devices to view and provide real-time updates

Mobile IAP

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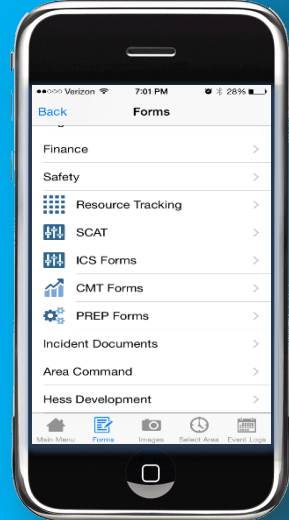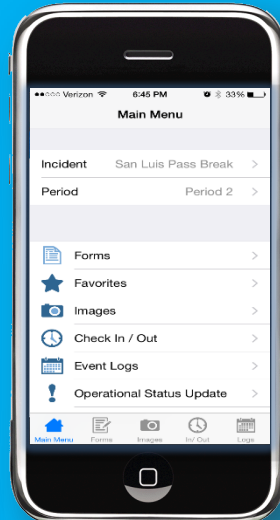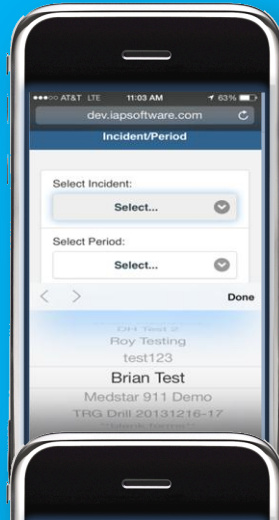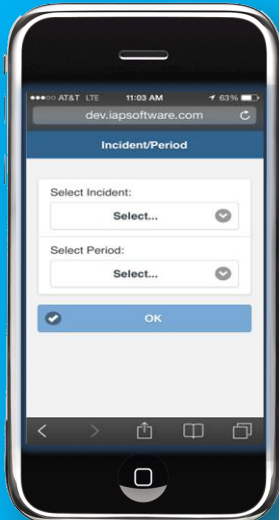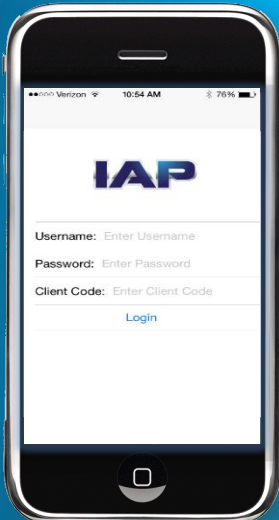
Operational Status updates from field

- **Operational Field status updates (assignments & resources) feed directly into the Command Post from the field via ICS 234 & ICS 215**

TRG Recon
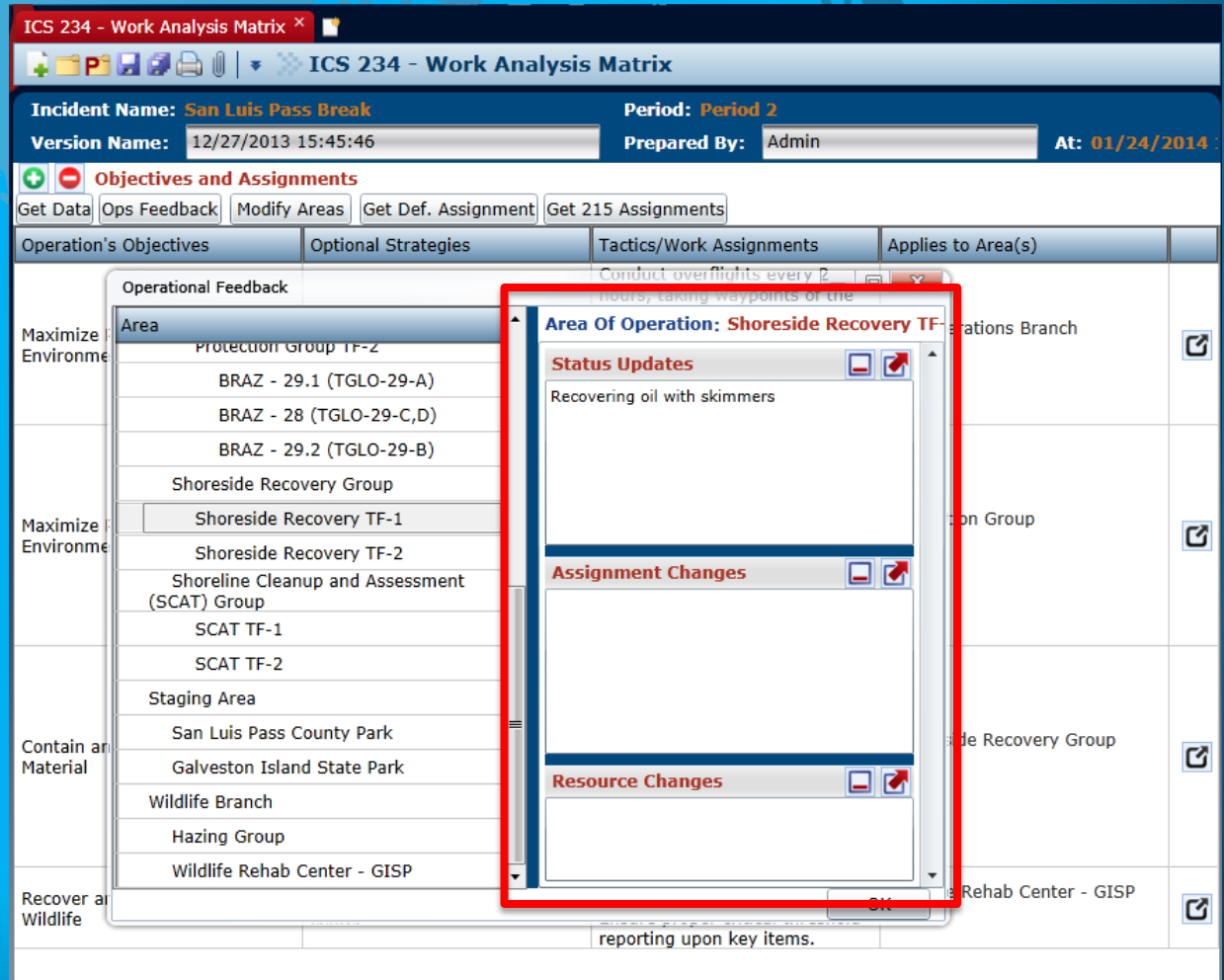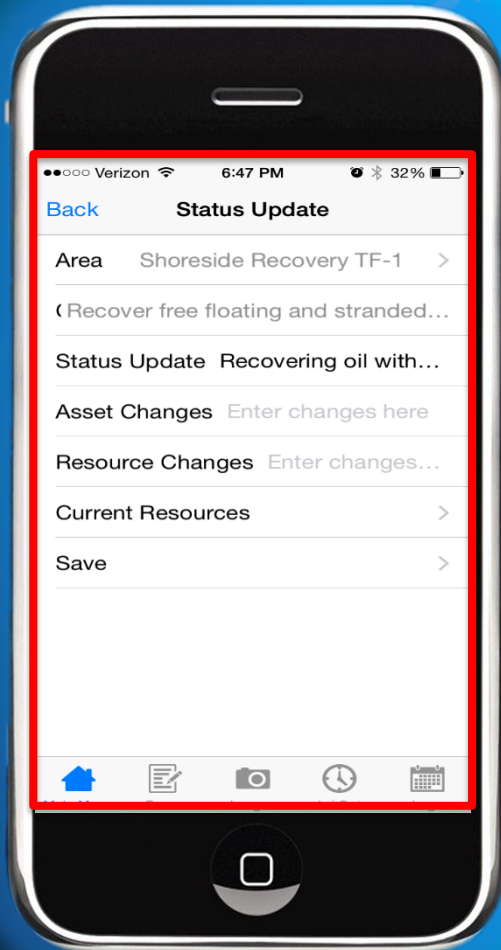
- **Mobile app for data collection in the field**
- **Offline capability with cached maps**
- **Real-time updates available to view**

TRG Recon - SCAT

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- **Create NOAA Shoreline Oiling Summary forms in the field using mobile devices**
- **Create SCAT Segments tracing footsteps using "breadcrumbs"**
- **Direct integration with IAP Software**
    - **NOAA Shoreline Oiling Summary (SOS) Form**
    - **Common Operating Picture (COP)**

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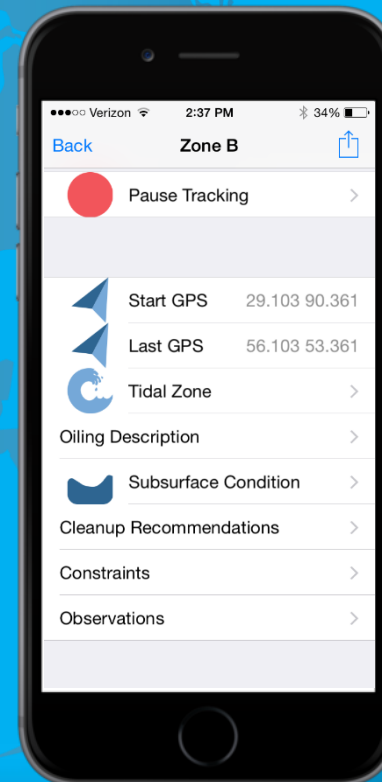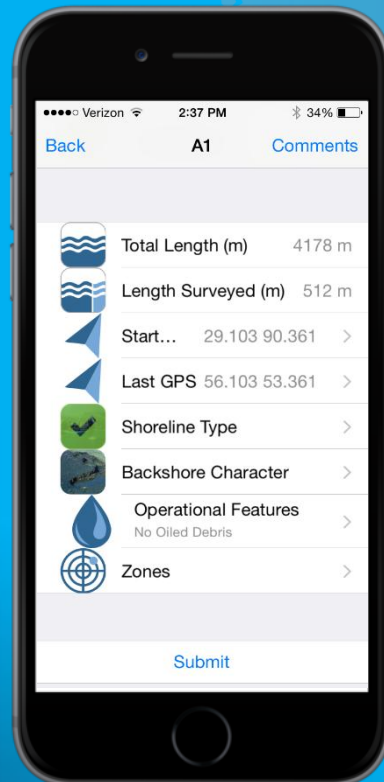
IAP SCAT Forms

- **Shoreline Oiling Summary (SOS)**
- **Shoreline Treatment Recommendation (STR)**
- **Manage personnel for SCAT Teams**
- **SCAT Summary form to easily manage data**

Tactical Response Plans

- **Tactical Response Plans**
  - **Field Data Collector to capture field data and pictures**
  - **Automates process to create Site Sheets and ICS 204s**
  - **Integrated with IAP database and Common Operating Picture**

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Examples

Indonesia Exercise

- Access approved forms from mobile devices
- Complete ICS 214a Individual Logs
- COP Viewer from mobile devices
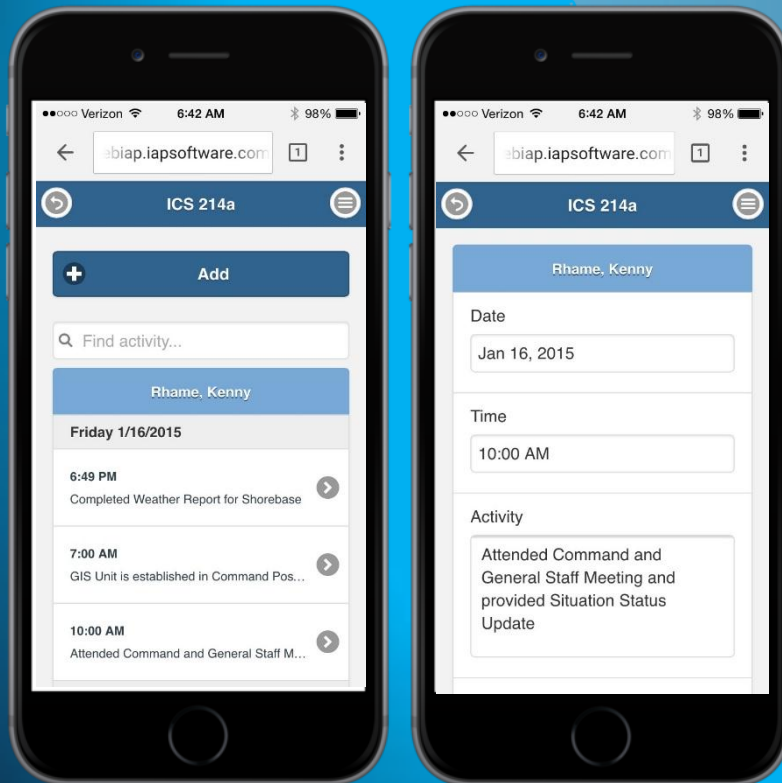
Examples

Yellowstone River Response

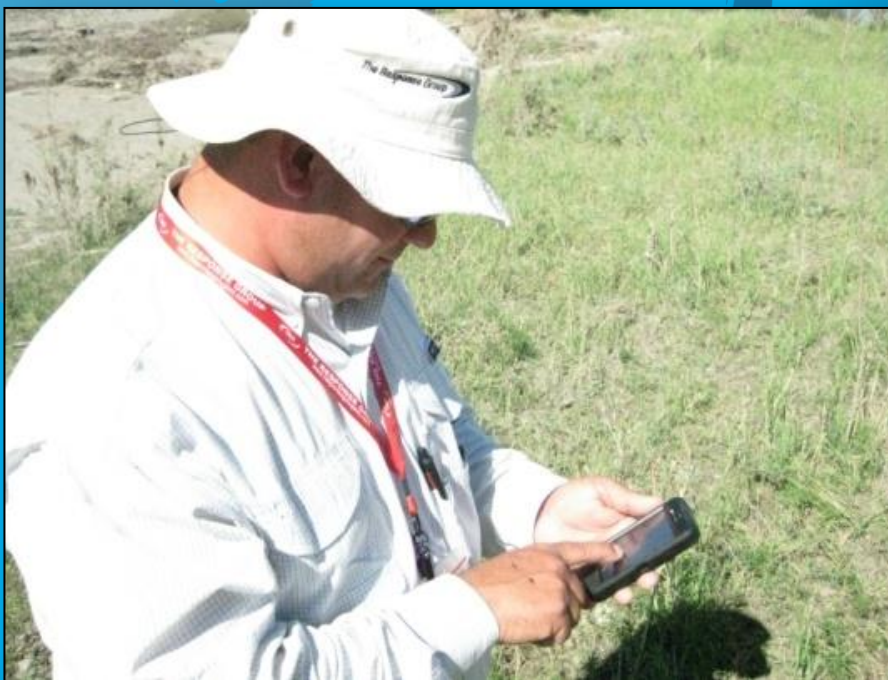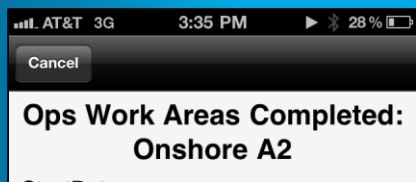- **Operational status updates from the field using mobile devices**
- **Remote mapping support from staging areas using COP**
- **Processing claims data from field with mobile devices**

Examples

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Emergency Response   Pre-Planning & Support

Galveston Exercise

- **Collecting SCAT data from the field**
- **Collecting Wildlife Observations from the field**
- **Near real-time updates to the COP**
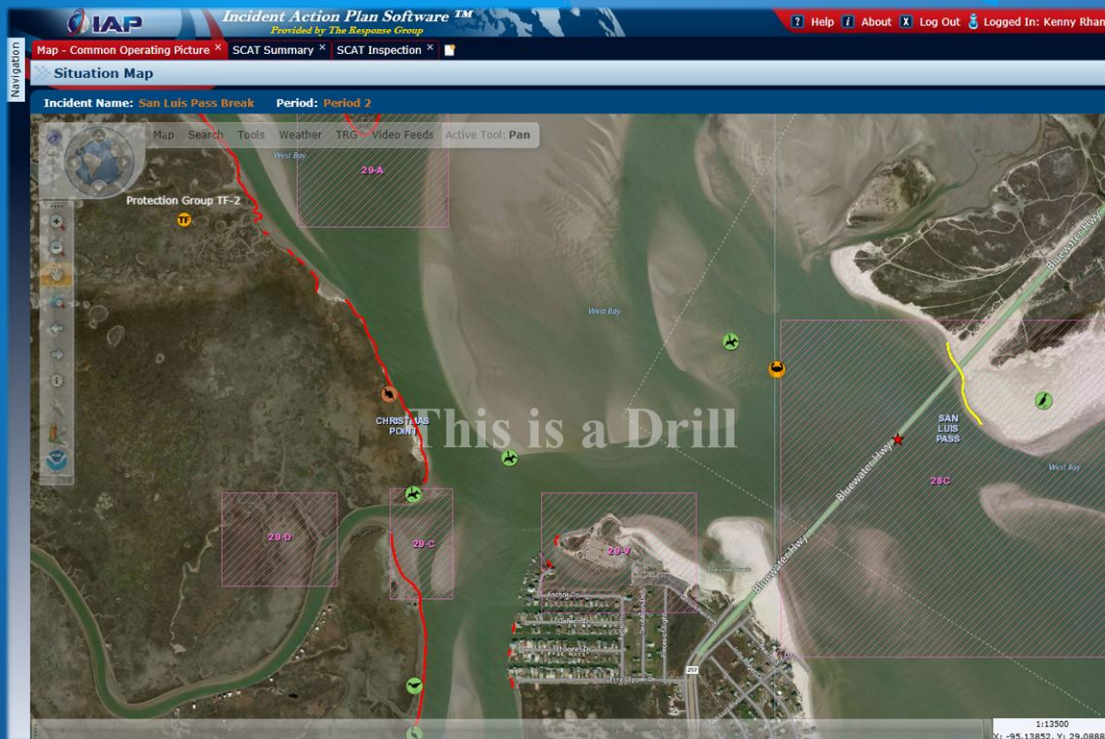
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Questions/Comments?

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