



The Response Group
Emergency Response | Pre-Planning & Support

Crisis and Incident Management Using Today's Technology

IAP Software - Developed for Responders by Responders

Your ability to respond is our shared responsibility™



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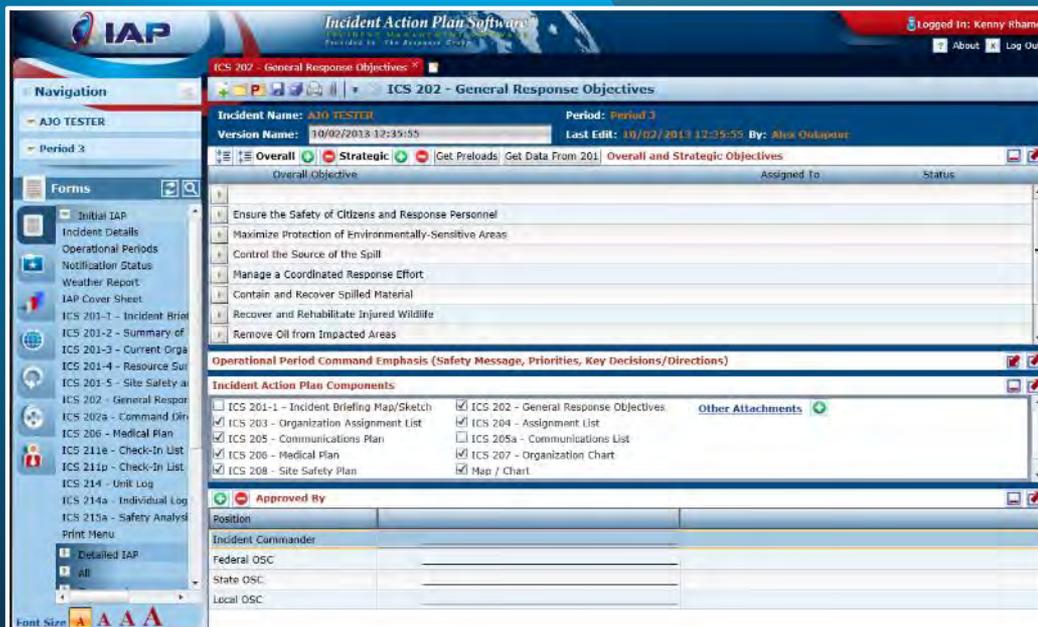
IAP Software - Developed for Responders by Responders

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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



IAP Software Interface



Preload IAP Forms

- Preload data ahead of time and activate quickly when needed
- Expanded ability to preload more data into IAP forms, including Rich Text Preloads

The screenshot shows the ICS 206 - Medical Plan software interface. A red arrow points to the 'Preload' icon in the top toolbar. Another red arrow points to the 'Select the Preload or Template to open' dialog box, which is open over the main interface. The dialog box shows a list of templates under the heading 'Select Template **Preloads**'. The list includes various Texas (TX) areas such as Nederland Area, Orange Area, Groves Area, Beaumont Area, Port Neches Area, Port Arthur Area, Midland Area, Baytown Area, Mesquite Area, Mission Bend Area, Bryan/College Station Area, Vidor Area, and Kilgore Area. A third red arrow points to the 'Galveston EMS' entry in the list.

The main interface displays the following information:

- Incident Name: IAP v5 Presentation
- Period: Period 3
- Version Name: [Empty]
- Prepared By: Brian Meaux
- At: 01/19/2015 17:15:52

The 'Medical Aid Stations' table is visible in the background:

Name	Location	Paramedics (On-Site)	Phone	Radio				
Medical Aid Stations								
Name	Location Name	Paramedic On Site	Phone	Radio				
Transportation (Ground and/or Air Ambulance Services)								
Ambulance Service	Location	Phone	Radio	Air	ALS			
Galveston EMS	Galveston, TX	Ph1: (409) 938-2231	155.340	<input type="checkbox"/>	<input type="checkbox"/>			
Crystal Beach VFD	Galveston, TX	Ph1: (409) 684-5000	155.340	<input type="checkbox"/>	<input type="checkbox"/>			
Freeport Fire Dept.	Freeport, TX	Ph1: (979) 239-1211	155.340	<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
Hospital	Location	Phone	Radio	Air Travel Time	Ground Travel Time	Trauma Center	Helipad	Burn Center
John Sealy Hospital - UTMB	Galveston, TX	Ph1: (409) 772-2222		min	min		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Herman Hospital	Houston, TX	Ph1: (713) 704-4000		min	min		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brazosport Memorial Hospital	Lake Jackson, TX	Ph1: (979) 297-4411		min	min		<input checked="" type="checkbox"/>	<input type="checkbox"/>

At the bottom of the dialog box, there is a table with the following data:

Data, Base	06/21/2005 07:53:00
Data, Base	06/21/2005 07:51:00
Data, Base	06/21/2005 07:46:00

Buttons for 'OK' and 'Cancel' are visible at the bottom of the dialog box.



Template Incidents

- Activate a series of preloaded ICS forms/reports using Template Incidents
- Save previous incidents/exercises/training as Templates

Create New Incident

Create From Template: Region 1 Pipeline - Template

Incident Name: Pipeline Release Incident Date: 01/19/2015 08:00

Incident Description: At 0800 HRS a pipeline rupture was observed.

Incident Category: Real Event Incident Type: Oil Spill

Asset Type: Pipeline Nearest City:

Asset: Region 1 - ID:20304 16" Time Zone: 00) Pacific Time (US & Canada)

Incident Location:

Create Initial Operating Period

Period: Period 1

Start Date: 01/19/2015 08:00 End Date: 01/20/2015 08:00

Create Incident Wizard Create Cancel

The image shows a stack of ICS forms. The top form is ICS 201-1, followed by ICS 202, ICS 201-3, and ICS 201-4. Red arrows point from the 'Create New Incident' form to each of these forms, indicating that the data entered in the form is used to populate these specific ICS forms.

IC	Dispatch	Unit	Destination	Ordered	ETA	Assigned	Role/Description
1	Unit	AR Compressor	AR Compressor	01/19/2015 08:00	08:00	---	01/19/2015 08:00
2	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
3	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
4	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
5	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
6	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
7	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
8	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
9	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
10	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
11	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
12	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
13	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
14	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
15	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
16	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
17	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
18	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
19	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
20	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
21	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
22	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
23	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
24	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00
25	Unit	AR Barge	AR Barge	01/19/2015 08:00	08:00	---	01/19/2015 08:00

Create Incident Wizard

- All New Create Incident Wizard allows user to document initial information to automatically fill out initial ICS forms, even create a map from scratch
- Utilize preloaded information and template incidents through the Wizard
- Easily compile initial ICS 201 Briefing Forms to print or save as a PDF with automated page numbers and bookmarks

Add a map or preloaded imagery

Add current organization

Add current resources

Compile and Print completed forms

Print	Report / Form
<input checked="" type="checkbox"/>	IAP Cover Sheet
<input checked="" type="checkbox"/>	Notification Status
<input checked="" type="checkbox"/>	Weather Report
<input checked="" type="checkbox"/>	ICS 201-1 - Incident Briefing Map/Sketch
<input checked="" type="checkbox"/>	ICS 201-2 - Summary of Current Actions
<input checked="" type="checkbox"/>	ICS 201-3 - Current Organization
<input checked="" type="checkbox"/>	ICS 201-4 - Resource Summary



External data feeds

- Find Hospitals on the ICS 206 near the incident location

Distance(mi)	Name	Address	City	Phone	Trauma Level	Helipad	Burn
15.6	WEST JEFFERSON MEDICAL CE	1101 MEDICAL CENTER BLVD	MARRERO	504-347-5511	II	<input type="checkbox"/>	
17.6	TOURO INFIRMARY	1401 FOUCHER STREET	NEW ORLEANS	504-897-7011	II	<input type="checkbox"/>	
18.6	OCHSNER BAPTIST MEDICAL CE	2700 NAPOLEON AVENUE	NEW ORLEANS	504-899-9311	II	<input type="checkbox"/>	
19.3	TULANE MEDICAL CENTER	1415 TULANE AVE	NEW ORLEANS	504-988-1900	II	<input type="checkbox"/>	
19.5	CHARITY HOSPITAL & MEDICAL	2021 PERDIDO ST 4FLOOR	NEW ORLEANS	504-903-3000	II	<input type="checkbox"/>	
21.3	OCHSNER MEDICAL CENTER	1516 JEFFERSON HWY	NEW ORLEANS	504-842-3000	II	<input type="checkbox"/>	
25.5	EAST JEFFERSON GENERAL HO	4200 HOUMA BLVD	METAIRIE	504-454-4000	II	<input type="checkbox"/>	
25.5	LADY OF THE SEA GENERAL HO	200 WEST 134TH PLACE	CUT OFF	985-632-6401	II	<input type="checkbox"/>	
28.5	ST CHARLES PARISH HOSPITAL	1057 PAUL MAILLARD ROAD	LULING	985-785-6242	II	<input type="checkbox"/>	
28.9	OCHSNER MEDICAL CENTER-KE	180 WEST ESPLANADE AVENUE	KENNER	504-464-8065	II	<input type="checkbox"/>	

- Populate the Weather Report with data from an internet web service (now includes International weather & nautical data based on availability)

Incident Name: **Brian Test** Period: **Period 1**
Version Name: **Initial Incident Wizard** Last Edit: **12/10/2013 14:33:33** By: **John M...**

Get Weather Data **Current Conditions** **Display Nautical Data**

Postal Code: **70037** Coordinates: _____
Date/Time: **01/16/2014 12:21**
Wind Speed: **10** mph Wind Direction (from): _____
Temperature: **70** F Feels Like: _____
Dew Point: _____ Pressure: **29.00**
Visibility: **10.00** mi UV Index: **4**

Notes: _____

Get Weather Data

Weather Data Location: **HAM Weather Service**

Postal Code Latitude/Longitude

Latitude: **29.9116951175**
Longitude: **-95.6610966797**

Days to forecast: **2**

Preferred unit type: **English**

OK Cancel

Enhanced Badging Interface

- New enhanced Badge Scanning interface allowing option to make operational periods independent
- All new “Lookup” function allowing check-in and validation based on individual’s name
- 16 different badge formats with company logos, response team names and options for vertical and horizontal layouts

Check In/Out

Incident Name: Demo Incident 2015 | Period: Period 1 | Area: Command Post

Show records for past 8 Hours | Columns: Manpower : 0 | Check-In/Out | Reset Sort | Edit | Bulk Checkout

Status	Description	Organization	In	Out
In	Man in the World, Most Interesting	The Response Group	01/16/2015 11:05	

Badge Scanning

Camera Scanner **Lookup**

Scan Type: Auto Check-In Check-Out

Personnel: Last: First: Organization: Search: Check-In/Out: Add New

Name	Organization
Man in the World, Most Interesting	The Response Group

Latest Scan

Man in the World, Most Interesting
The Response Group
Manpower: Responder
In 01/16/2015 11:05

Check-In/Out: First Name: Last Name: Organization: Mobile Phone: Email: Home State: Emergency Contact: Emergency Phone: ICS Section: ICS Position: Cancel Changes Save Changes Save/Check-in

Badge Format Default Horizontal

Incident Name Demo Incident 2015

Response Team Name IMT

Company Logo

Outline Color

Preview

The Response Group

Most Interesting
Man in the World
Command Section
Incident Commander

Demo Incident 2015



IAP Software Enhancements



ICS 213RR – Resource Requisition

- Resource Requests are now non-area of operation specific & stream-lined with resource ordering process

Incident Action Plan Software™
Provided by The Response Group

IAP 213 RR - Resource Request

Incident Name: AJO Tester Prepared By: Adams, Hanna At: 26.01.2015 15:29:27 GMT -6:00
Resource Request Number: 25 Requisition Status: Completed

Quantity	Quantity UOM	Resource Type	Urgent	Description	Size	Size Range	Size UOM	Location	Delivery Date	OrderNumber	Description	Resource Type	Supplier	Quantity	Quantity UOM	Size
800	feet	Boom	<input checked="" type="checkbox"/>		18	24	in	Staging Area - Venice	11.01.2015 14:0	244	Boom	Boom	MSRC	800	feet	18
117	feet	Boom	<input type="checkbox"/>	Containment Boom	24		in	Staging Area - Venice	11.01.2015 14:0	244	Containment Boom	Boom	MSRC	117	feet	24

Requestor Notes: Need protection boom for the shoreline protection group; and collection boom for the OWR TF

Requested By: Brandon Cooksey
Requested On: 1/23/2015 2:44:06 PM
Section Chief/Command Staff Approval: Alex Oulapour
Approved Date: 1/26/2015 1:41:50 PM

RESL - Mark the tactical checkbox if the request is for tactical or personnel resources then note the availability. Tactical
 Resources available as noted in Logistics Notes
 Resources not available
RESL Reviewed By: Justin Robertson
Review Date: 1/26/2015 2:25:53 PM

SAP#: 54662
Supplier Name/Phone/Fax/Email: MSRC (555) 555-1234
Logistics Section Approval: Ken Henderson

Notes: Procured from Jerry @ MSRC
Logistics Approval Date: 1/26/2015 2:26:03 PM

Order placed by: Supply Unit Leader Procurement Other
AC Finance Chief (AC FC)

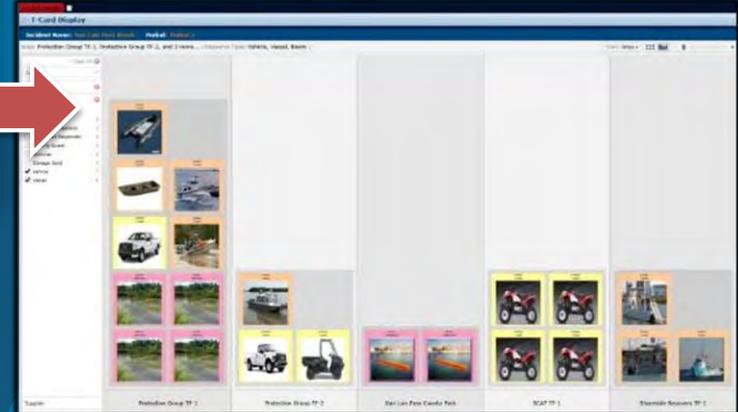
Reply/Comments from Finance: Approved
Finance Section Approval: Darwin Pinder
Finance Approval Date: 1/26/2015 2:26:07 PM

IAP Software New Features

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T-Card Display

- Integrated digital T-Card Display
- Up to date summary based on current resource status
- Sort by Area, Supplier, Status, Resource Type and apply filters for custom views



ICS-211 - Personnel Pivot

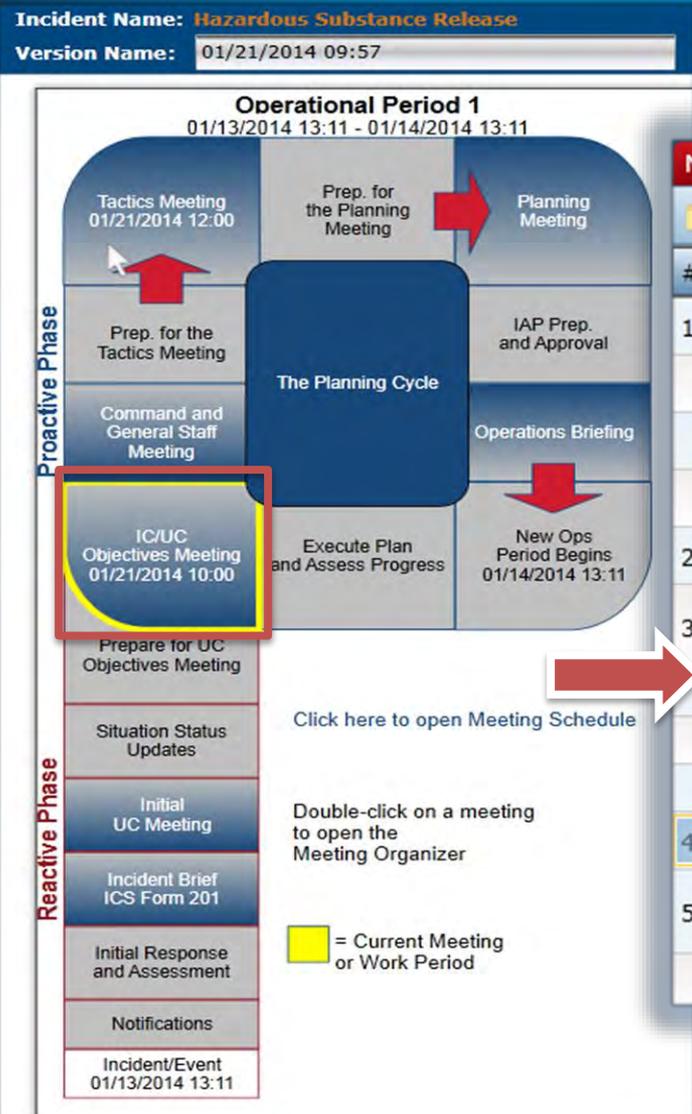
- Simple, visual display of existing electronic check-in records
- Helps easily identify personnel & obtain their contact information
- Sort by Organization, Type of Organization, Area, Check-in Time or State and apply filters for custom views



IAP Software Enhancements



Planning "P" Tool with Meeting Organizer



Meeting Organizer

#	Agenda
1	Bring meeting to order - IC/UC Member or PSC
	Conduct roll call - IC/UC Member or PSC
	Cover ground rules - IC/UC Member or PSC
	Review agenda - IC/UC Member or PSC
2	Review and/or update key decisions - IC/UC Member or PSC
3	Develop or review/update response Priorities, Limitations and Constraints - IC/UC Member or PSC
	Priorities
	Limitations & Constraints
	Critical Threshold Reporting
4	Develop or review Incident Objectives - IC/UC Member or PSC
5	Develop or review/update Key Procedures - IC/UC Member or PSC - which may include:
	Managing sensitive information - IC/UC Member or PSC

ICS 202 - General

Incident Name: Hazardous Substance Release
Version Name: IMH Objectives

Overall Strategic Get Preloads

Overall Objective

- Ensure the Safety of Citizens and Response Personnel
- Maximize Protection of Environmentally-Sensitive Areas
- Control the Source of the Spill
- Manage a Coordinated Response Effort
- Contain and Recover Spilled Material
- Recover and Rehabilitate Injured Wildlife
- Remove Oil from Impacted Areas
- Minimize Economic Impacts

Operational Period Command Emphasis (Safety Message)

Formatting

IAP Software Enhancements



Easily PDF forms into a single PDF file with the enhanced Print Menu.
ICS forms streamlined with capability to save as PDF without use of Adobe Acrobat allowing easy electronic distribution

The screenshot displays the IAP software interface. At the top, the logo and 'Incident Action Plan Software' are visible, along with a user login 'Logged In: Rodrigue, Chad'. Below the navigation bar, the 'Print Menu' is active, showing a list of reports/forms with columns for Report/Form, Versions, Version, Edit Date, and Position Responsible. A 'Save As' dialog box is open, showing the file name 'Period 1 IAP' and 'pdf Files (*.pdf)' selected. A red arrow points from the 'Print Menu' table to the dialog box. In the background, several ICS forms are visible, including ICS 201-1, ICS 201-2, ICS 202, ICS 206, ICS 208, and ICS 213. A red arrow also points from the right side of the interface towards the right edge of the image.

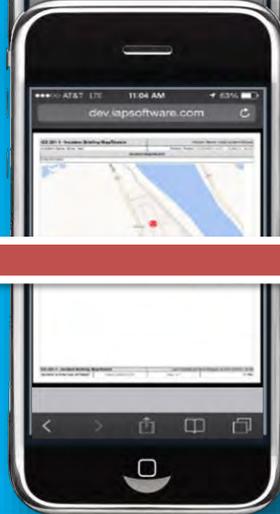
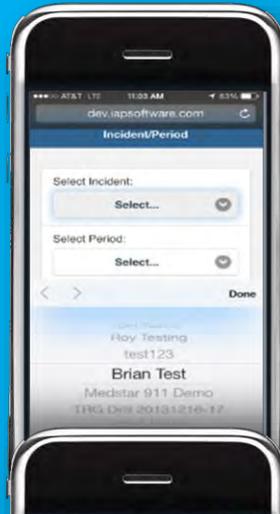
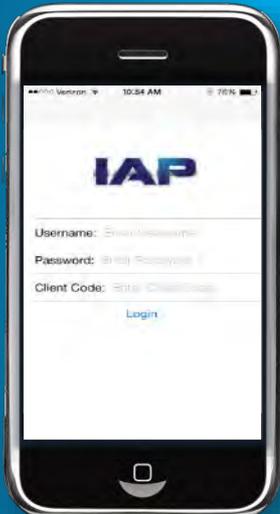
Report / Form	Versions	Version	Edit Date	Position Responsible
IAP Cover Sheet				Planning Section Chief
<input checked="" type="checkbox"/> ICS 201-1		Initial Incident Wizard	1/22/2014 8:31:33 PM	Incident Commander
<input checked="" type="checkbox"/> ICS 201-2		Initial Incident Wizard	1/22/2014 8:41:22 PM	Incident Commander
<input checked="" type="checkbox"/> ICS 201-3		Initial Incident Wizard	1/22/2014 8:42:26 PM	IC, Planning Section
<input checked="" type="checkbox"/> ICS 201-4			1/22/2014 7:49:16 PM	IC, Planning Section
ICS 201-5				Commander
<input checked="" type="checkbox"/> ICS 202				Commander
<input checked="" type="checkbox"/> ICS 206				Officer or Medic
ICS 208 Site Safety				Officer
Weather Report				Incident Unit 8
Notification Station				Commander

Mobile IAP



Mobile IAP for Version 5.0

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



Common Operating Picture

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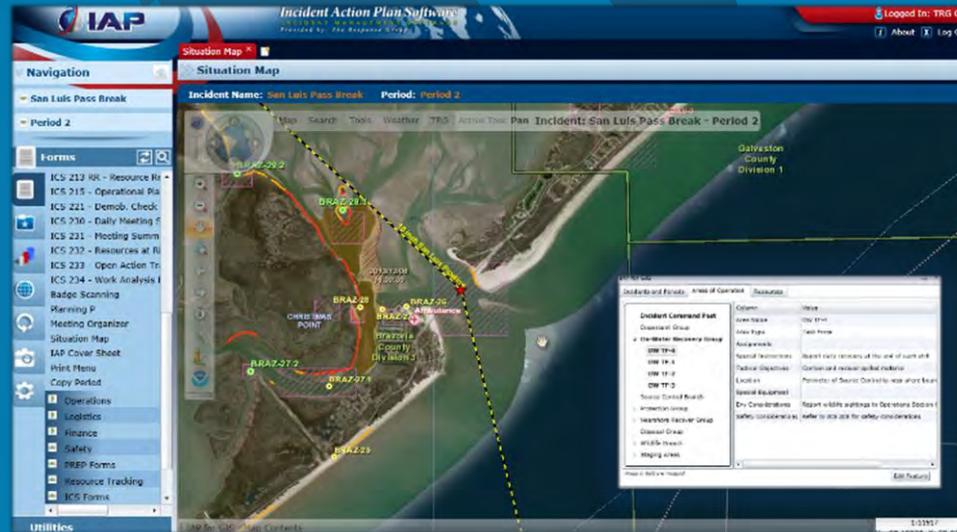
Mobile Data Collection

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



GIS Specialists

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



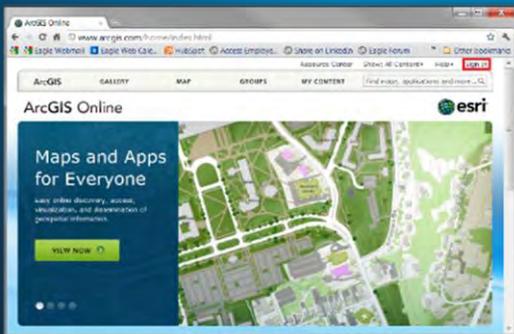
Integration

- Fully integrated with other TRG products including IAP



Compatibility

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



Enhanced IAP Integration



Build map features for ICS forms and data

- Areas of Operation
- Tactical Resources
- Resources at Risk
- Medical Facilities
- Geographic Response Plans

The screenshot shows the IAP software interface. On the left is a navigation pane with a tree view for 'San Luis Pass Break' and 'Period 2'. Below it are 'Forms' and 'Utilities' sections. The main area displays 'Areas of Operation' with a list of areas including 'ICP - San Luis Resort', 'Recovery and Protection Branch', and 'Shoreside Recovery Group'. A 'Map - Common Operating Picture' window is also visible.

This screenshot shows a map view of the 'San Luis Pass Break' incident. The map displays a coastline with a yellow dashed line indicating the '18 inch San Luis Pipeline'. A red dot marks the 'SAN LUIS PASS' location. The 'Details' panel on the right shows 'General Information' for 'Area GCD 3', 'Area Type Protect', and 'Assignment' with a 'Get Def. Assignment' button. Below this is a 'Tactical Objective' section and a 'Notes' section with detailed instructions and contact information for Texas Parks & Wildlife Dept. and San Bernard National Wildlife Refuge Manager.

Enhanced IAP Integration



Retrieve IAP forms and reports from the COP

Situation Map

Incident Name: San Luis Pass Break **Period:** Period 2

Map
Search
Tools
Weather
TRG
Video Feed

Areas/Resources

Incidents Areas of Operation Resources

Areas in bold are mapped

+ + Filter by Area

- ▶ Wildlife Branch
- ▶ Air Operations Branch
- ▶ Recovery and Protection Branch
- ▶ Shoreside Recovery Group
- ▶ Protection Group
- ▶ **Protection Group TF-1**
- ▶ **Protection Group TF-2**

ICS 204

ICS 211

ICS 215

Protection

Task Force

Deploy bo

BRAZ-27,

Protection

Shoreline

Edit F

Area Name Protection

Area Type Task Force

Assignments Deploy bo

Special Instructions BRAZ-27,

Tactical Objectives Protection

Shoreline

ICS 204 - Assignment List				
Incident:		Branch:		
Period:		Division/Group:		
Prepared By Signature:		Task Force: BRAZ - 27		
Approved By Signature:				
Assignments				
1. Notify Texas Parks & Wildlife Dept. (281) 461-4071 Houston; U.S. Fish & Wildlife Service (281) 286-6262 Houston; Brazoria National Wildlife Refuge Manager (979) 849-7777; U.S.C.G. via NRC (800) 424-8802; TXGLO via Hotline (800) 832-8224; TCEQ (512) 483-7727 2. Assess area and remove debris along shoreline. 3. Deploy containment boom across inlets to sensitive areas. 4. Conduct impacted wildlife search and rescue operations. 5. Restrict access and establish security to ensure site integrity.				
Resources Required				
Area of Operation	Resource Type	Description	Quantity	Size
BRAZ - 27	Boom	Protection Boom	600 feet	16 inches
BRAZ - 27	Equipment: Comms	Equipment: Comms	2 each	
BRAZ - 27	Equipment: Decon	Decon Station	1 each	
BRAZ - 27	Equipment: PPE	Equipment: PPE	17 each	
BRAZ - 27	Equipment: Safety	Monitoring Equipment	1 each	
BRAZ - 27	Generator	Generator	1 each	
BRAZ - 27	Hand Tools	Hand Tools	15 each	
BRAZ - 27	Lighting	Light Towers	1 each	
BRAZ - 27	Mangpower: Operator	Operator	1 each	
BRAZ - 27	Mangpower: Responder	Spill Technicians	10 each	
BRAZ - 27	Mangpower: Supervisor	Supervisor	1 each	
BRAZ - 27	Portable Toilets	Port-A-Letts	1 each	
BRAZ - 27	Sorbent: Boom	8" Rolled	800 feet	8 inches
BRAZ - 27	Sorbent: Pads	Sorbent: Pads	10 bales	
BRAZ - 27	Vehicle	ATV w/Trailer	1 each	
Tactical Objective				
Prevent product from impacting San Luis Pass County Park sensitive marshes and residential areas. Contain and conduct appropriate shoreline cleanup efforts to recover product to extent possible. Minimize impact to wildlife in the area.				
Location of Work				
Latitude: N 29° 04' 49" Longitude: W 95° 7' 52" From Galveston I-45 Causeway to 61st St., turn right 1.6 mi to Seawall Blvd (3005), turn right on Seawall Blvd (3005) 22mi over San Luis Pass Bridge to San Luis Pass Park on right and follow right 0.1 mi to access point and boat ramp. STAGING AREAS: San Luis County Park & Boat Ramp 29-04-43 N (095-07-51) W To Boat Ramp: I-45 south of Houston to Seawall Blvd. (FM 3005), proceed west to the first exit after crossing the San Luis Pass bridge, take exit and turn north into the park area TGLO TOOL KIT - GRP - Sector Houston Galveston, TX - SITE SPECIFIC RESPONSE SHEET 29, Christmas Point CHART(S): Nautical Chart (11322) Upper Coast Atlas Page AII From MSU Galveston: South on Hwy 47, crossing the San Luis Pass Bridge. Closest Airport: Scholes Field Airport GLS. Closest Helicopter Landing: Scholes Field Airport, 29° 15' 56.16"N 094° 51' 37.46"W				
Special Environmental Considerations				
See TGLO ERI Map 49 - Christmas Point				
ICS 204 - Assignment List				
Created: 1/25/2008 16:34		Page 1 of 2		
© 1007-2008 abtSoft, Inc.				

Advanced COP Integration

Live Feeds

- GPS tracking of resources
- AIS vessel tracking
- Traffic and road closures
- Weather data
- Video feeds
- Social Monitoring

Incident Action Plan Software
Provided by The Response Group

ICS 215 - Operational Planning Worksheet x ICS 234 - Work Analysis Matrix x Map - Common Operating Picture x

Situation Map

Incident Name: **COPI Subsea Challenge Exercise** Period: **Period 1 Working**

Map Search Tools Weather TRG Video Feeds Active Tools Zoom

Areas/Resources

Incidents Areas of Operation Resources

Areas in bold are mapped

+ Filter by Area Report

- > Incident Command Posts
- > Malaysia Branch
- > Philippines Branch
- > Indonesia Branch
- > Singapore Branch

Area Name	Incident Comma
Area Type	Command Post
Assignments	
Special Instructions	
Tactical Objectives	
Location	
Special Equipment	
Env Considerations	

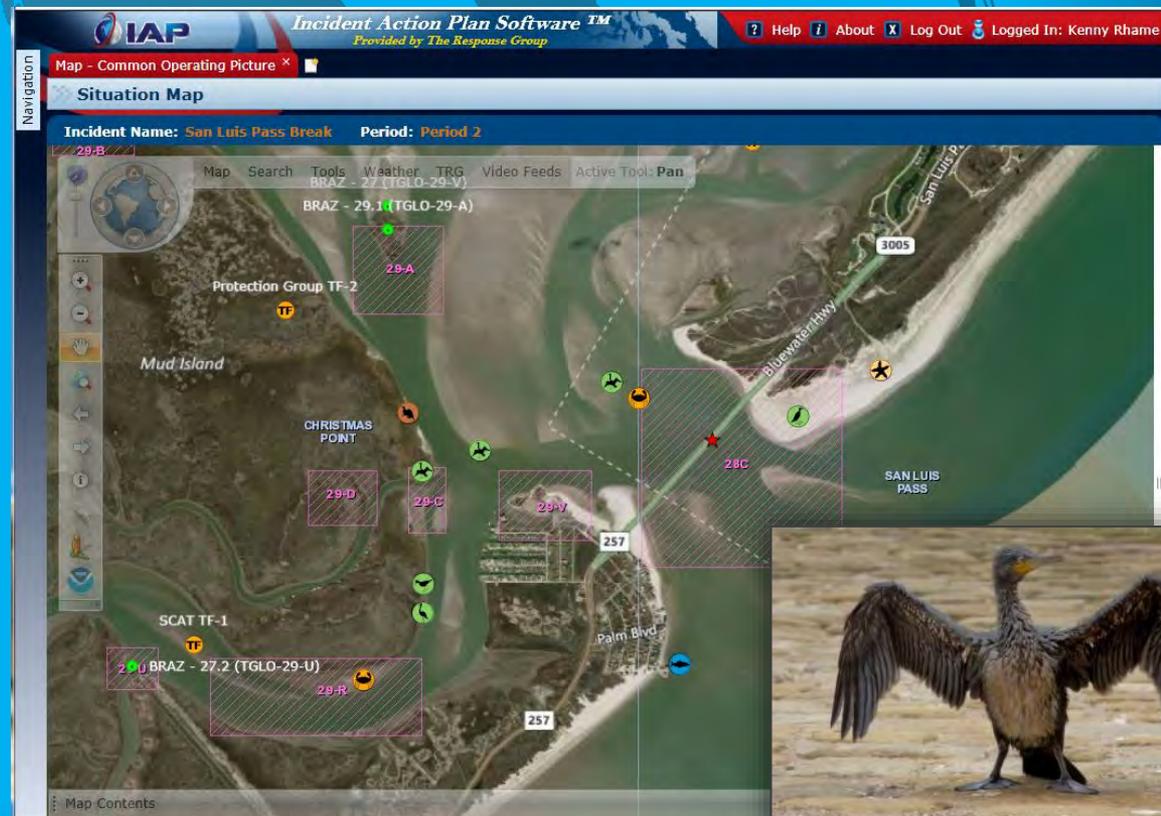
Wednesday, October 15, 2014

1:10504961
Keridix: 115.97581, Y: 9.32844

Add Feature



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



TRG Recon - SCAT

- 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)



SCAT Shoreline Oiling Summary Version Name: San Luis Pass -1 (Pre)

Incident Name: San Luis Pass Break

General Information																					
Segment ID	San Luis Pass - 1 (Pre)	Survey Start	12/12/2014 10:20:00 AM																		
Operations Division	SCAT TR-1	Survey End	12/12/2014 11:20:00 AM																		
Survey By	Foot	Weather	Clouds																		
		Air Temp	25 F																		
Survey Team (Alpha)																					
Name	Organization	Contact Number																			
Abel, Roy	The Response Group	(832) 334-8211																			
Acaris, Hannah	The Response Group	(210) 416-1344																			
Alcher, Cole	The Response Group	(308) 442-4303																			
Segment																					
Total Segment Length	BOC	Length Surveyed	BOC																		
Start GPS	45.12309839 29.085624239	Maximum Intertidal Width	0																		
End GPS	45.1194113174 29.085624239																				
Shoreline Type																					
Primary	Secondary	Oiled	Shoreline Type																		
X			Fine-grained Sand Beaches																		
Coastal/Backshore Character																					
Primary	Secondary	Type	Note																		
X		River Inlet/Channel																			
	X	Beach																			
Primary Substrate Type: Stone																					
Operational Features																					
Oiled Debris?	No	Type	Debris Amount																		
Direct backshore access?	No	Access restrictions	Use ATVs to access sandy areas																		
Alongshore access from next segment?	No	Suitable Backshore Staying?	No																		
Surface Oiling Conditions																					
Zone ID	Tidal				Oil Cover			Oil				Character									
	LI	MI	UI	SU	Length	Width	Distr.	Thickness	PC	CV	CF	ST	FL	FR	MS	TB	TC	SR	AP	No	
A					0	0	0														X
Observations																					
heavy bands of fresh oil and no access in mid to end upper beach zones																					
Constraints																					
Use ATVs to access fine sandy areas.																					
Cleanup Recommendations; Ecological/Recreational/Cultural Issues/Wildlife Obs.																					
Recommend mechanical and manual removal of oil. Tipping gloves and other shorelands may use this area for nesting or foraging. Can be a high traffic area for fishermen.																					
SCAT Shoreline Oiling Summary												Last Update by Lindsey, David At 12/23/2014 14:51 GMT -3 (C)									
INCIDENT ACTION PLAN SOFTWARE™												Page 1 of 1									

Situation Status Board

The Response Group
Emergency Response | Pre-Planning & Support

- Real Time Situation Status Updates
- Controls to ensure approved forms are displayed
- Optional Auto-Refresh forms for updates
- Configure single click print to dedicated printer



Configured by Situation Unit

Read only display by all users

Report To View		Window Title
General Incident Report	Select Version	General Incident Report
Weather Report	Select Version	Weather Report
ICS 202 - Incident Objectives	Select Version	ICS 202 - Incident Objectives
ICS 207 - Organization Chart	Select Version	ICS 207 - Organization Chart
ICS 232 - Resources at Risk	Select Version	ICS 232 - Resources at Risk
Map - Common Operating Picture		Map - Common Operating Picture
ICS 209 - Incident Status Summary	Select Version	ICS 209 - Incident Status Summary
Resources Summary		Resources Summary
ICS 230 - Daily Meeting Schedule	Select Version	ICS 230 - Daily Meeting Schedule

Select the version of the form to open

Version	Prepared By	Edit Date GMT -6:00	Attachments
12/30/2014 - APPROVED	Admin	01/20/2015 06:45:33	
12/30/2014 - DRAFT	Admin	01/20/2015 06:45:12	

Change Showing for Period: Period 2 Preloaded Versions OK Cancel

Incident Action Plan Software™
Provided by The Response Group

Help | About | Log Out | Logged In: Kenny Rhome

Situation Status Board

Incident Name: San Luis Pass Break Period: Period 2
Version Name: Sit Stat Display

ICS 207 - Organization Chart

General Incident Report | Weather Report | ICS 202 - Incident Objective | ICS 232 - Resources at Risk | Map - Common Operating | ICS 209 - Incident Status | Resources Summary | ICS 230 - Daily Meeting

Situation Status Board

Flexible to Fit Needs

Multiple Displays

- Command Post Layout with Electronic Sit Stat Equipment
- Each Panel dedicated to specific forms\reports



Single Display

- View on computer or project display
- Ability to view Read Only Sit Stat and edit ICS Forms



Restricted Access Display

- Login generated for external users (ex: agencies)
- Restricted only to Sit Stat Form in read-only mode



Situation Status Display

The Response Group
Emergency Response | Pre-Planning & Support

Dimensions – Display setup

Full Situation Board Display (straight layout)

8 – dual stacked 46" displays

1 – large center 70" display

- 32" multi-touch console
- Single 46" displays

Locations

Houston, TX

New Orleans, LA

San Francisco, CA

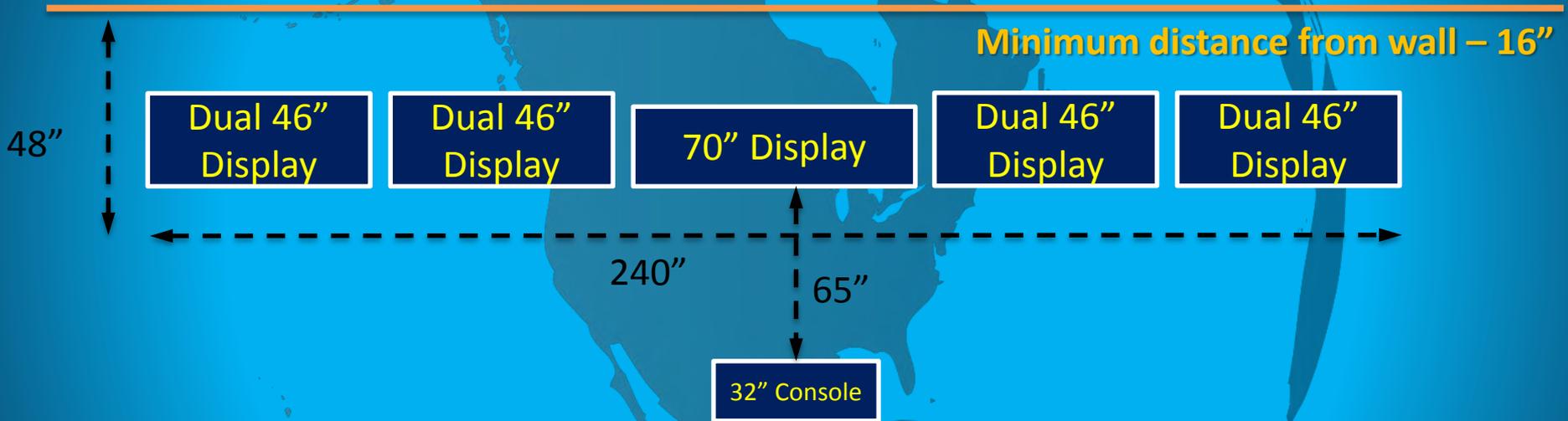
Anchorage, AK



Situation Status Display

Situation Status Board Layouts

- Option 1 – Straight Wall



Situation Status Display

Recommended Panel Layout – Proactive Phase



- Panel 1 - General Incident Report, Weather Report, Notification Report
- Panel 2 - ICS 202 Response Objectives
- Panel 3 - ICS 207 Org Chart – Overall Response, Section Specific
- Panel 4 - ICS 232 Resources At Risk
- Panel 5 - Common Operating Picture
- Panel 6 - ICS 209 Incident Status Summary
- Panel 7 - Resource Summary or T-Card Display
- Panel 8 - ICS 230 Meeting Schedule
- Panel 9 - ICS 206 Medical Plan, ICS 208 Site Safety Plan

Situation Status Display

The Response Group
Emergency Response | Pre-Planning & Support

Electronic Situation Status Display Kit



The Response Group
Emergency Response / Pre-Planning & Support



IAP

Questions/Comments?

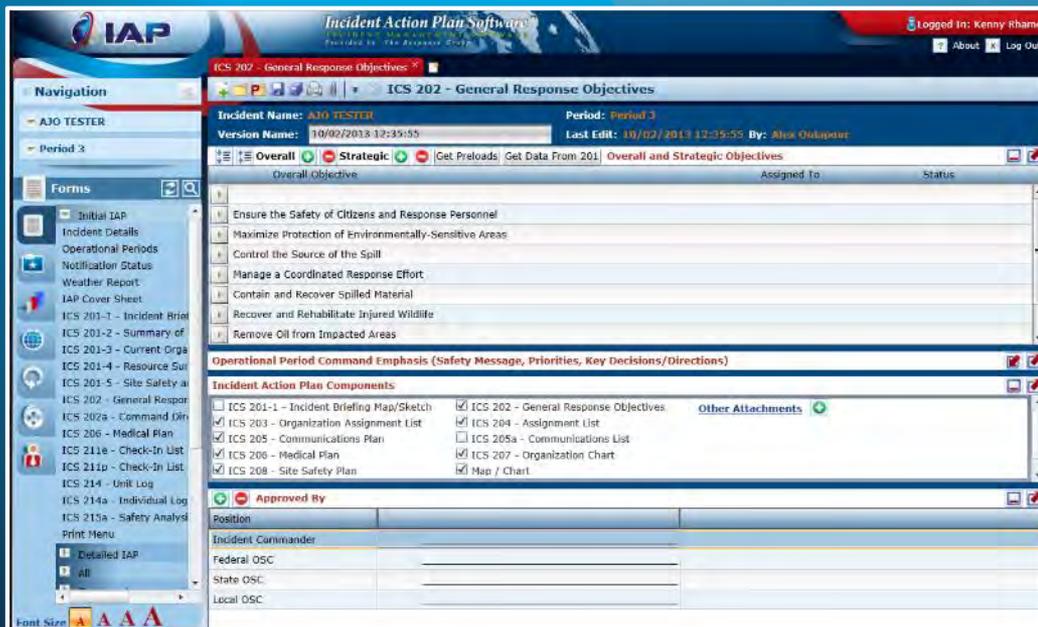
IAP Software - Developed for Responders by Responders

Your ability to respond is our shared responsibility™



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



IAP Software Interface



Preload IAP Forms

- Preload data ahead of time and activate quickly when needed
- Expanded ability to preload more data into IAP forms, including Rich Text Preloads

The screenshot shows the ICS 206 - Medical Plan software interface. A red arrow points to the 'Preload' icon in the top toolbar. Another red arrow points to the 'Preload' dialog box, which is titled 'Select the Preload or Template to open'. The dialog box contains a list of templates under the heading 'Select Template **Preloads**'. The list includes various Texas (TX) areas such as Nederland Area, Orange Area, Groves Area, Beaumont Area, Port Neches Area, Port Arthur Area, Midland Area, Baytown Area, Mesquite Area, Mission Bend Area, Bryan/College Station Area, Vidor Area, and Kilgore Area. Below the list, there are three rows of data with columns for 'Data, Base' and a timestamp.

ICS 206 - Medical Plan		Version Name: TX - Galveston Area						
Incident Name: IAP v5 Presentation		Period: Period 3 [11/19/2014 00:00 - 11/20/2014 00:00]						
Medical Aid Stations								
Name	Location Name	Paramedic On Site	Phone	Radio				
Transportation (Ground and/or Air Ambulance Services)								
Ambulance Service	Location	Phone	Radio	Air	ALS			
Galveston EMS	Galveston, TX	Ph1: (409) 938-2231	155.340	<input type="checkbox"/>	<input type="checkbox"/>			
Crystal Beach VFD	Galveston, TX	Ph1: (409) 684-5000	155.340	<input type="checkbox"/>	<input type="checkbox"/>			
Freeport Fire Dept.	Freeport, TX	Ph1: (979) 239-1211	155.340	<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
Hospital	Location	Phone	Radio	Air Travel Time	Ground Travel Time	Trauma Center	Helipad	Burn Center
John Sealy Hospital - UTMB	Galveston, TX	Ph1: (409) 772-2222		min	min		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Herman Hospital	Houston, TX	Ph1: (713) 704-4000		min	min		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brazosport Memorial Hospital	Lake Jackson, TX	Ph1: (979) 297-4411		min	min		<input checked="" type="checkbox"/>	<input type="checkbox"/>



Template Incidents

- Activate a series of preloaded ICS forms/reports using Template Incidents
- Save previous incidents/exercises/training as Templates

Create New Incident

Create From Template Region 1 Pipeline - Template

Incident Name Pipeline Release **Incident Date** 01/19/2015 08:00

Incident Description
At 0800 HRS a pipeline rupture was observed.

Incident Category Real Event **Incident Type** Oil Spill

Asset Type Pipeline **Nearest City**

Asset Region 1 - ID:20304 16" **Time Zone** 00) Pacific Time (US & Canada)

Incident Location

Create Initial Operating Period

Period Period 1

Start Date 01/19/2015 08:00 **End Date** 01/20/2015 08:00

Create Incident Wizard Create Cancel

The image shows a stack of ICS forms, including ICS 201-1 through ICS 201-6. Red arrows point from the 'Create New Incident' form to these forms, indicating that the data entered in the form is used to populate these ICS forms. The forms are titled 'Incident Map/Status' and 'Incident Details'.

ICS 201-1	ICS 201-2	ICS 201-3	ICS 201-4	ICS 201-5	ICS 201-6
ICS 201-1	ICS 201-2	ICS 201-3	ICS 201-4	ICS 201-5	ICS 201-6

Create Incident Wizard

- All New Create Incident Wizard allows user to document initial information to automatically fill out initial ICS forms, even create a map from scratch
- Utilize preloaded information and template incidents through the Wizard
- Easily compile initial ICS 201 Briefing Forms to print or save as a PDF with automated page numbers and bookmarks

Create Incident Wizard

Database: IAP_trg

Powerpoint Screen
Shell Island Gro
Incident 123
Dave Henrich T
Incident 1

Would you like to use the Create Incident Wizard?
Selecting No will bring you to the standard Create Incident form.

Yes No Cancel

Open Create

Incident Details

1 Incident Details
2 Current Weather Conditions
3 Notification Status
4 Incident Location (ICS 201-1)
5 Incident Objectives (ICS 201-2)
6 Current & Planned Actions (ICS 201-2)
7 Org (ICS)
8 Res (ICS)

Incident Name
Create From Template
Incident Type
Incident Category
Asset Type
Asset
Time Zone
Incident Location

Pipeline
Region 1 - ID:20300 167
(UTC-06:00) Central Time (L
-117,45740316203-47.6602904015

Select Incident
Click on the map to set the coordinates.

Road Aerial
Map

Organization
Get Preloads
Person Name
Resources

Quantity Description Supplier Arrived ETA

Print Menu

You have successfully created a new Incident.
If you would like to print the 201 packet you have just created, check the boxes next to the forms you would like to print and click "Print and close."

Print	Report / Form
<input checked="" type="checkbox"/>	IAP Cover Sheet
<input checked="" type="checkbox"/>	Notification Status
<input checked="" type="checkbox"/>	Weather Report
<input checked="" type="checkbox"/>	ICS 201-1 - Incident Briefing Map/Sketch
<input checked="" type="checkbox"/>	ICS 201-2 - Summary of Current Actions
<input checked="" type="checkbox"/>	ICS 201-3 - Current Organization
<input checked="" type="checkbox"/>	ICS 201-4 - Resource Summary

Print and close

IAP Software Enhancements



External data feeds

- Find Hospitals on the ICS 206 near the incident location

Find Hospitals

Hospitals nearest location -89.98121172 29.688582894

Distance(mi)	Name	Address	City	Phone	Trauma Level	Helipad	Burn
15.6	WEST JEFFERSON MEDICAL CE	1101 MEDICAL CENTER BLVD	MARRERO	504-347-5511	II	<input type="checkbox"/>	
17.6	TOURO INFIRMARY	1401 FOUCHER STREET	NEW ORLEANS	504-897-7011	II	<input type="checkbox"/>	
18.6	OCHSNER BAPTIST MEDICAL CE	2700 NAPOLEON AVENUE	NEW ORLEANS	504-899-9311	II	<input type="checkbox"/>	
19.3	TULANE MEDICAL CENTER	1415 TULANE AVE	NEW ORLEANS	504-988-1900	II	<input type="checkbox"/>	
19.5	CHARITY HOSPITAL & MEDICAL	2021 PERDIDO ST 4FLOOR	NEW ORLEANS	504-903-3000	II	<input type="checkbox"/>	
21.3	OCHSNER MEDICAL CENTER	1516 JEFFERSON HWY	NEW ORLEANS	504-842-3000	II	<input type="checkbox"/>	
25.5	EAST JEFFERSON GENERAL HO	4200 HOUMA BLVD	METAIRIE	504-454-4000	II	<input type="checkbox"/>	
25.5	LADY OF THE SEA GENERAL HO	200 WEST 134TH PLACE	CUT OFF	985-632-6401	II	<input type="checkbox"/>	
28.5	ST CHARLES PARISH HOSPITAL	1057 PAUL MAILLARD ROAD	LULING	985-785-6242	II	<input type="checkbox"/>	
28.9	OCHSNER MEDICAL CENTER-KE	180 WEST ESPLANADE AVENUE	KENNER	504-464-8065	II	<input type="checkbox"/>	

OK Cancel

- Populate the Weather Report with data from an internet web service (now includes International weather & nautical data based on availability)

Incident Name: **Brian Test** Period: **Period 1**

Version Name: **Initial Incident Wizard** Last Edit: **12/19/2013 11:03:00 AM**

Get Weather Data **Current Conditions** **Display Nautical Data**

Postal Code: **70037** Coordinates:

Date/Time: **01/16/2014 12:21**

Wind Speed: **10** mph Wind Direction (from):

Temperature: **70** F Feels Like:

Dew Point:

Pressure: **29.00**

Visibility: **10.00** mi UV Index: **4**

Notes:

Get Weather Data dialog:

Weather Data Location: **HAM Weather Service**

Postal Code Latitude/Longitude

Latitude: **29.9116951175**

Longitude: **-95.6610966797**

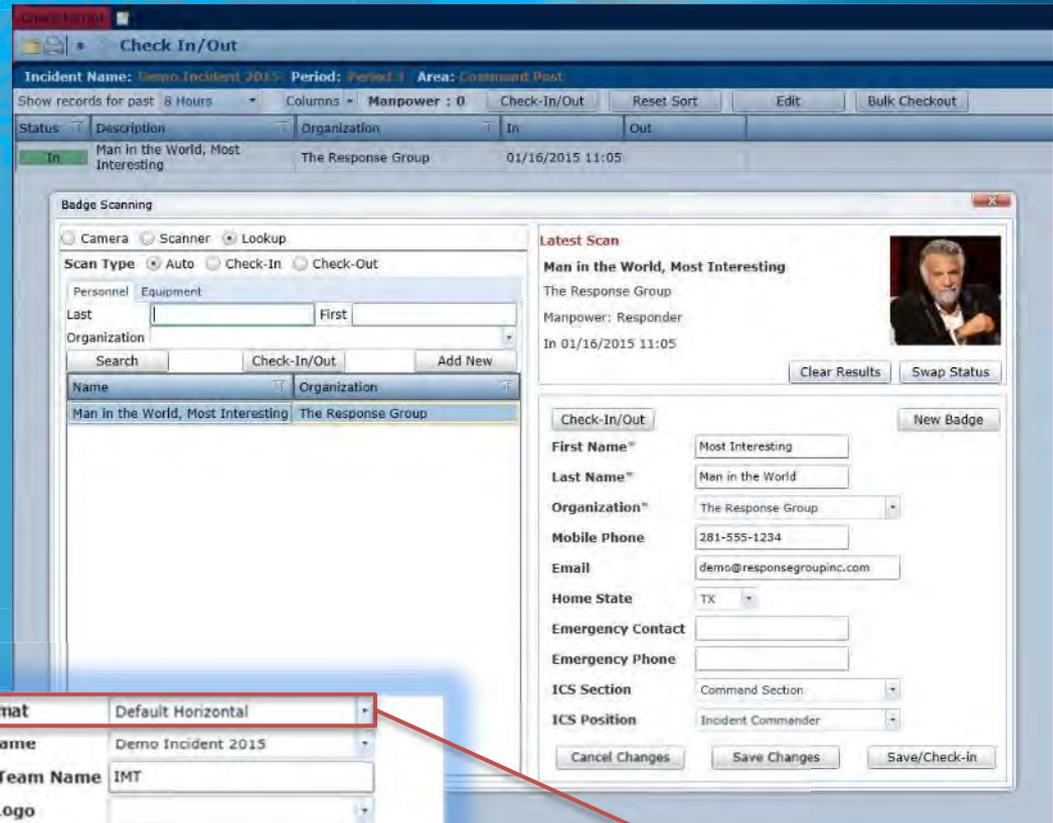
Days to forecast: **2**

Preferred unit type: **English**

OK Cancel

Enhanced Badging Interface

- New enhanced Badge Scanning interface allowing option to make operational periods independent
- All new “Lookup” function allowing check-in and validation based on individual’s name
- 16 different badge formats with company logos, response team names and options for vertical and horizontal layouts



IAP Software Enhancements



ICS 213RR – Resource Requisition

- Resource Requests are now non-area of operation specific & stream-lined with resource ordering process

Incident Action Plan Software™
Provided by The Response Group

IAP 213 RR - Resource Request

Incident Name: AJO Tester Prepared By: Adams, Hanna At: 26.01.2015 15:29:27 GMT -6:00
Resource Request Number: 25 Requisition Status: Completed

Quantity	Quantity UOM	Resource Type	Urgent	Description	Size	Size Range	Size UOM	Location	Delivery Date	OrderNumber	Description	Resource Type	Supplier	Quantity	Quantity UOM	Size
800	feet	Boom	<input checked="" type="checkbox"/>		18	24	in	Staging Area - Venice	11.01.2015 14:0	244	Boom	Boom	MSRC	800	feet	18
117	feet	Boom	<input type="checkbox"/>	Containment Boom	24		in	Staging Area - Venice	11.01.2015 14:0	244	Containment Boom	Boom	MSRC	117	feet	24

Requestor Notes: Need protection boom for the shoreline protection group; and collection boom for the OWR TF

Requested By: Brandon Cooksey
Requested On: 1/23/2015 2:44:06 PM
Section Chief/Command Staff Approval: Alex Oulapour
Approved Date: 1/26/2015 1:41:50 PM

RESL - Mark the tactical checkbox if the request is for tactical or personnel resources then note the availability. Tactical
 Resources available as noted in Logistics Notes
 Resources not available
 RESL Reviewed By: Justin Robertson
 Review Date: 1/26/2015 2:25:53 PM

SAP#: 54662 Supplier Name/Phone/Fax/Email: MSRC (555) 555-1234 Logistics Section Approval: Ken Henderson

Notes: Procured from Jerry @ MSRC Logistics Approval Date: 1/26/2015 2:26:03 PM

Order placed by: Supply Unit Leader Procurement Other AC Finance Chief (AC FC)

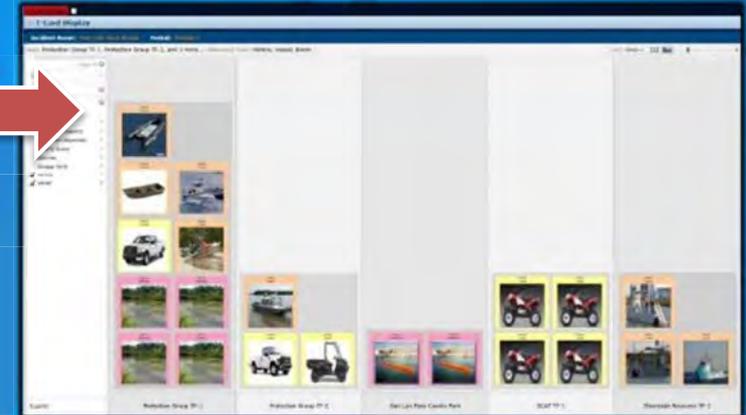
Reply/Comments from Finance: Approved Finance Section Approval: Darwin Pinder
 Finance Approval Date: 1/26/2015 2:26:07 PM

IAP Software New Features

The Response Group
Emergency Response | Pre-Planning & Support

T-Card Display

- Integrated digital T-Card Display
- Up to date summary based on current resource status
- Sort by Area, Supplier, Status, Resource Type and apply filters for custom views



ICS-211 - Personnel Pivot

- Simple, visual display of existing electronic check-in records
- Helps easily identify personnel & obtain their contact information
- Sort by Organization, Type of Organization, Area, Check-in Time or State and apply filters for custom views



IAP Software Enhancements



Planning "P" Tool with Meeting Organizer



Meeting Organizer

#	Agenda
1	Bring meeting to order - IC/UC Member or PSC
	Conduct roll call - IC/UC Member or PSC
	Cover ground rules - IC/UC Member or PSC
	Review agenda - IC/UC Member or PSC
2	Review and/or update key decisions - IC/UC Member or PSC
3	Develop or review/update response Priorities, Limitations and Constraints - IC/UC Member or PSC
	Priorities
	Limitations & Constraints
	Critical Threshold Reporting
4	Develop or review Incident Objectives - IC/UC Member or PSC
5	Develop or review/update Key Procedures - IC/UC Member or PSC - which may include:
	Managing sensitive information - IC/UC Member or PSC

ICS 202 - General

Incident Name: Hazardous Substance Release
Version Name: IMH Objectives

Overall Strategic Get Preloads

Overall Objective

- Ensure the Safety of Citizens and Response Personnel
- Maximize Protection of Environmentally-Sensitive Area
- Control the Source of the Spill
- Manage a Coordinated Response Effort
- Contain and Recover Spilled Material
- Recover and Rehabilitate Injured Wildlife
- Remove Oil from Impacted Areas
- Minimize Economic Impacts

Operational Period Command Emphasis (Safety Mess

Formatting

IAP Software Enhancements



Easily PDF forms into a single PDF file with the enhanced Print Menu.
ICS forms streamlined with capability to save as PDF without use of Adobe Acrobat allowing easy electronic distribution

The screenshot displays the IAP software interface. At the top, the header includes the IAP logo, the text 'Incident Action Plan Software INCIDENT MANAGEMENT SOFTWARE Provided by: The Response Group', and a user login status 'Logged In: Rodrigue, Chad'. Below the header, a navigation bar shows several open tabs: 'ICS 213 RR - Resource Request', 'ICS 202a - Command Direction', 'Planning P', 'Print Menu', and 'Report Viewer'. The main window is titled 'Print Menu' and contains a table of reports/forms. A 'Save As' dialog box is open in the foreground, showing the file name 'Period 1 IAP' and the save type 'pdf Files (*.pdf)'. A red arrow points from the 'Print Menu' table to the 'Save As' dialog, and another red arrow points from the dialog towards the right side of the interface.

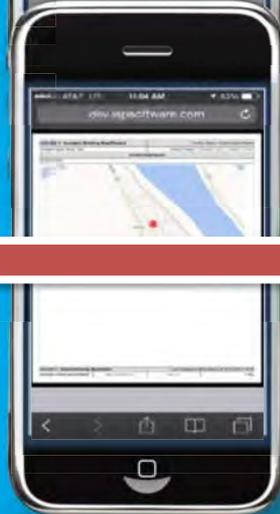
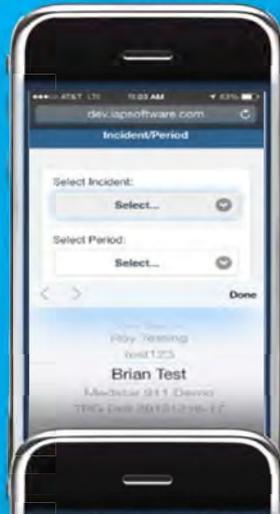
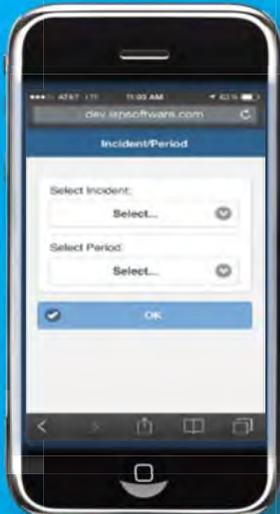
Report / Form	Versions	Version	Edit Date	Position Responsible	Report / Form
IAP Cover Sheet				Planning Section Chief	ICS 201-1 - Incident
<input checked="" type="checkbox"/> ICS 201-1		Initial Incident Wizard	1/22/2014 8:31:33 PM	Incident Commander	ICS 201-2 - Summar
<input checked="" type="checkbox"/> ICS 201-2		Initial Incident Wizard	1/22/2014 8:41:22 PM	Incident Commander	ICS 202 - General Re
<input checked="" type="checkbox"/> ICS 201-3		Initial Incident Wizard	1/22/2014 8:42:26 PM	IC, Planning Section	ICS 206 - Medical Pla
<input checked="" type="checkbox"/> ICS 201-4			1/22/2014 7:49:16 PM	IC, Planning Section	ICS 201-3 - Current C
ICS 201-5				Commander	ICS 201-4 - Resource
<input checked="" type="checkbox"/> ICS 202				Commander	
<input checked="" type="checkbox"/> ICS 206				officer or Med	
ICS 208 Site S				officer	
Weather Repor				mental Unit 8	
Notification Sta				Commander	

Mobile IAP



Mobile IAP for Version 5.0

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



Common Operating Picture

The Response Group
Emergency Response | Pre-Planning & Support

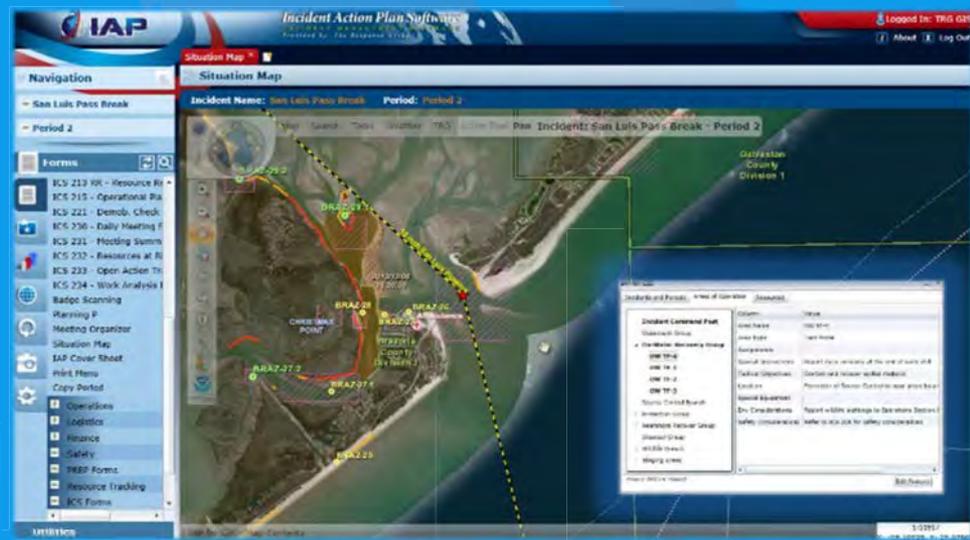
Mobile Data Collection

- 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)

Enhanced IAP Integration



Build map features for ICS forms and data

- Areas of Operation
- Tactical Resources
- Resources at Risk
- Medical Facilities
- Geographic Response Plans

The screenshot shows the IAP software interface. On the left is a navigation pane with a tree view for 'San Luis Pass Break' and 'Period 2'. Below it are 'Forms' and 'Utilities' sections. The main area is titled 'Areas of Operation' and contains a table of areas. The table has columns for 'Area', 'General Information', 'Area Personnel', and 'Area Resources'. The 'Area' column lists various units like 'ICP - San Luis Resort', 'Recovery and Protection Branch', and 'Shoreside Recovery Group'. The 'General Information' column shows details for 'GCD 3 - GALV - 25', including 'Area Name', 'Area Type', 'Assignment', 'Special Instructions', 'Tactical Objective', 'Safety Considerations', 'Environmental Considerations', 'Special Equipment', and 'Work Location'. The 'Area Resources' column shows 'San Luis Pass County Park'.

The screenshot shows the IAP software interface with a map and a list of areas/resources. The map is titled 'Incident Name: San Luis Pass Break' and 'Period: Period 2'. It shows a satellite view of the coastline with a yellow dashed line indicating the '18 inch San Luis Pipeline'. The map includes a search bar, map controls, and a 'Map Search Tools Weather TRG Video Feed' menu. The 'Areas/Resources' panel on the right shows a list of resources, including 'Wildlife Branch', 'Air Operations Branch', 'Recovery and Protection Branch', 'Shoreside Recovery Group', 'Protection Group', 'Shoreline Cleanup and Asses', 'Staging Area', 'San Luis Pass County Park', 'Galveston Island State Pa', and 'ICP - San Luis Resort'. The 'Areas in bold are mapped' section is highlighted.

Latitude: N 29°20'58.47" Longitude: W 94°48'09.15". From Galveston I-45 Causeway turns into Broadway St., 3.2 mi to 51s St.(Seawolf Pkwy/Pelican Island), left on Seawolf Pkwy 4.7 mi to dirt road on left, take road to shoreline access point.
STAGING AREAS: 1. TAMU Oil Spill Control on Pelican Island 29°18'47"N 094°45'06"W; 2. Texas City Dike Marina 29°21'58"N 094°48'55"W; 3. Erman Pilsner Boat Ramp 29°22'07"N 094°45'06"W
To Boat Ramps: 2. From I-45 Take exit 16 for FM 1764 E toward Texas City merge onto Palmer Hwy E,Continue on 1764/9th Ave N, Turn right at Bay St N, Turn left at Texas City Dike Rd, ramp is at the end of the dike. (also one at the beginning of the

Notify: Texas Parks & Wildlife Dept. (281) 461-4071 Houston; U.S. Fish & Wildlife Service (281) 286-8282 Houston; San Bernard National Wildlife Refuge Manager (409) 964-3639; U.S.C.G. via NRC (800) 424-8802; TXGLO via Hotline (800) 832-8224;

Enhanced IAP Integration



Retrieve IAP forms and reports from the COP

Situation Map

Incident Name: **San Luis Pass Break** Period: **Period 2**

Map Search Tools Weather TRG Video Feed

1:31396
X: -95.10752, Y: 29.09499

Areas/Resources

Incidents Areas of Operation Resources

Areas in bold are mapped

Filter by Area

- Wildlife Branch
- Air Operations Branch
- Recovery and Protection Branch
- Shoreside Recovery Group
- Protection Group
- Protection Group TF-1**
- Protection Group TF-2**

ICS 204
ICS 211
ICS 215

Area Name: Protection
Area Type: Task Force
Assignments: Deploy to BRAZ-27,
Special Instructions:
Tactical Objectives: Protection Shoreline

Edit

ICS 204 - Assignment List

Incident: Branch:
Period: Division/Group:
Prepared By Signature: Task Force: BRAZ - 27
Approved By Signature:

Assignments

- Notify Texas Parks & Wildlife Dept, (281) 461-4071 Houston; U.S. Fish & Wildlife Service (281) 286-6282 Houston; Brazoria National Wildlife Refuge Manager (979) 849-7777; U.S.C.G. via NRC (800) 424-8802; TXGLO via Hotline (800) 432-8224; TCEQ (512) 463-7727.
- Assess area and remove debris along shoreline.
- Deploy containment boom across inlets to sensitive areas.
- Conduct impacted wildlife search and rescue operations.
- Restrict access and establish security to ensure site integrity.

Resources Required				
Area of Operation	Resource Type	Description	Quantity	Size
BRAZ - 27	Boom	Protection Boom	600 feet	18 inches
BRAZ - 27	Equipment: Comms	Equipment: Comms	2 each	
BRAZ - 27	Equipment: Decon	Decon Station	1 each	
BRAZ - 27	Equipment: PPE	Equipment: PPE	17 each	
BRAZ - 27	Equipment: Safety	Monitoring Equipment	1 each	
BRAZ - 27	Generator	Generator	1 each	
BRAZ - 27	Hand Tools	Hand Tools	15 each	
BRAZ - 27	Lighting	Light Towers	1 each	
BRAZ - 27	Mangpower: Operator	Operator	1 each	
BRAZ - 27	Mangpower: Responder	Spill Technicians	10 each	
BRAZ - 27	Mangpower: Supervisor	Supervisor	1 each	
BRAZ - 27	Portable Toilets	Port-A-Lets	1 each	
BRAZ - 27	Sorbent: Boom	8' Rolled	800 feet	8 inches
BRAZ - 27	Sorbent: Pads	Sorbent: Pads	10 bales	
BRAZ - 27	Vehicle	ATV w/Trailer	1 each	

Tactical Objective

Prevent product from impacting San Luis Pass County Park sensitive marshes and residential areas. Contain and conduct appropriate shoreline cleanup efforts to recover product to extent possible. Minimize impact to wildlife in the area.

Location of Work

Latitude: N 29° 04' 49" Longitude: W 95° 7' 52". From Galveston I-45 Causeway to 61st St, turn right 1.6 mi to Seawall Blvd (3005), turn right on Seawall Blvd (3005) 22mi over San Luis Pass Bridge to San Luis Pass Park on right and follow right 0.1 mi to access point and boat ramp.
STAGING AREAS: San Luis County Park & Boat Ramp 29-04-43 N 095-07-51 W
To Boat Ramp: I-45 south of Houston to Seawall Blvd. (FM 3005), proceed west to the first exit after crossing the San Luis Pass bridge, take exit and turn north into the park area
TGL0 TOOL KIT - GRP - Sector Houston Galveston, TX - SITE SPECIFIC RESPONSE SHEET 29. Christmas Point CHART(S): Nautical Chart (11322) Upper Coast Atlas Page AII
From MSU Galveston: South on Hwy 47, crossing the San Luis Pass Bridge.
Closest Airport: Scholes Field Airport GLS. Closest Helicopter Landing: Scholes Field Airport, 29° 15' 56.16"N 094° 51' 37.46"W

Special Environmental Considerations

See TGL0 ERI Map 49 - Christmas Point

ICS 204 - Assignment List (Print) (Download) Page 1 of 2 © 1007-2008 abtSoft, Inc.

Advanced COP Integration

Live Feeds

- GPS tracking of resources
- AIS vessel tracking
- Traffic and road closures
- Weather data
- Video feeds
- Social Monitoring

IAP Incident Action Plan Software
Provided by The Response Group

Help About Log Out Logged In: Kenny Rhame

ICS 215 - Operational Planning Worksheet x ICS 234 - Work Analysis Matrix x Map - Common Operating Picture x

Situation Map

Incident Name: **COPI Subsea Challenge Exercise** Period: **Period 1 Working**

Map Search Tools Weather TRG Video Feeds Active Tools Zoom

Areas/Resources

Incidents Areas of Operation Resources

Areas in bold are mapped

Filter by Area Report

- > Incident Command Posts
- > Malaysia Branch
- > Philippines Branch
- > Indonesia Branch
- > Singapore Branch

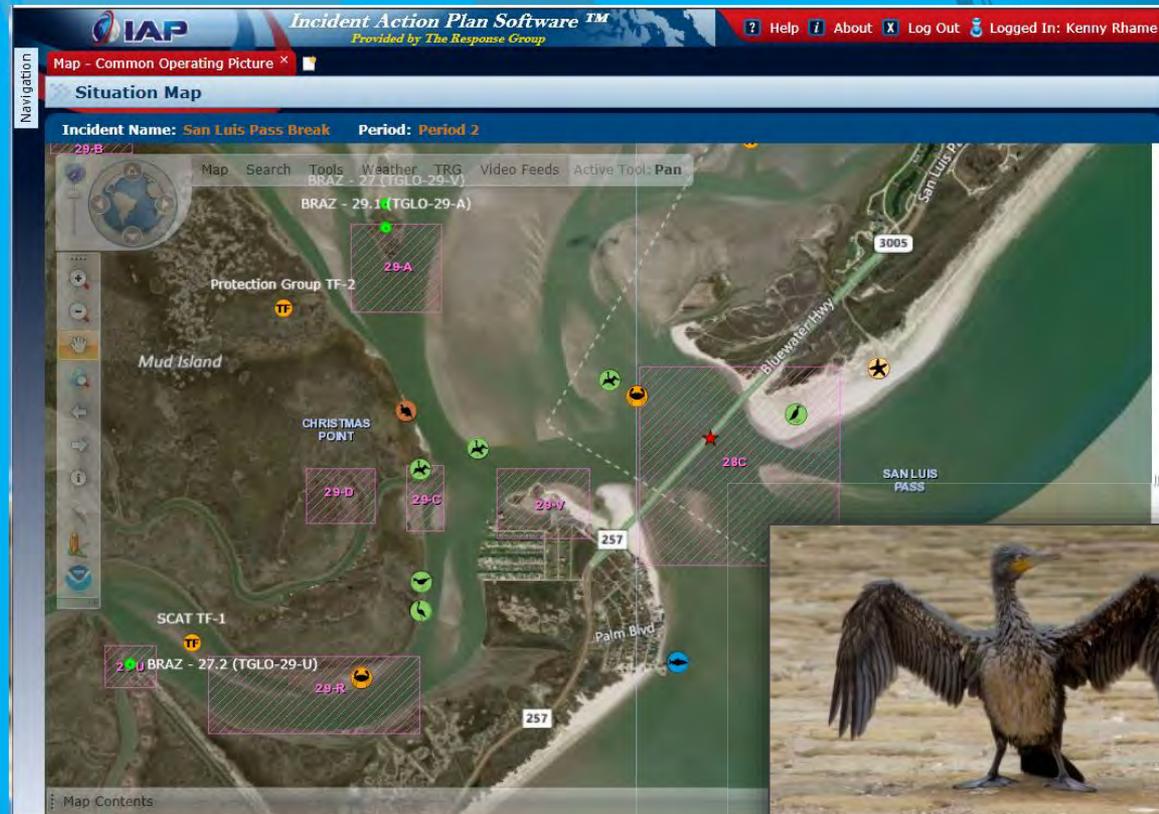
Area Name	Incident Comma
Area Type	Command Post
Assignments	
Special Instructions	
Tactical Objectives	
Location	
Special Equipment	
Env Considerations	

Add Feature

Wednesday, October 15, 2014 1:10504961 Kerdix: 115.97581, Y: 9.32844

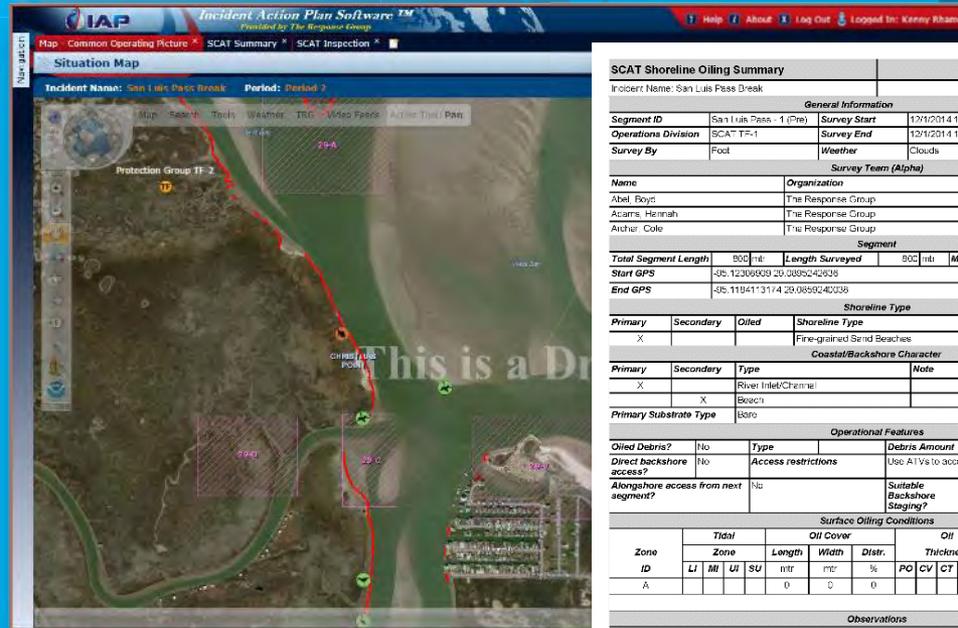


- Mobile app for data collection in the field
- Offline capability with cached maps
- Real-time updates available to view



TRG Recon - SCAT

- 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)



SCAT Shoreline Oiling Summary		Version Name: San Luis Pass -1 (Pre)																
Incident Name: San Luis Pass Break																		
General Information																		
Segment ID	San Luis Pass - 1 (Pre)	Survey Start	12/12/2014 10:20:00 AM															
Operations Division	SCAT TR-1	Survey End	12/12/2014 11:20:00 AM															
Survey By	Foot	Weather	Clouds															
		Air Temp	25 F															
Tide Height																		
		Tide State	Rising															
Survey Team (Alpha)																		
Name	Organization	Contact Number																
Abel, Roy	The Response Group	(832) 334-8211																
Acaris, Hannah	The Response Group	(210) 415-1344																
Archer, Cole	The Response Group	(308) 442-4303																
Segment																		
Total Segment Length	800 m	Length Surveyed	800 m															
Start GPS	45.12309839 29.0859240336	Maximum Intertidal Width	0 m															
End GPS	45.1194113174 29.0859240336																	
Shoreline Type																		
Primary	Secondary	Oiled	Shoreline Type															
X			Fine-grained Sand Beaches															
Coastal/Backshore Character																		
Primary	Secondary	Type	Note															
X		River Inlet/Channel																
	X	Beach																
Primary Substrate Type																		
Isoro																		
Operational Features																		
Oiled Debris?	No	Type	Debris Amount															
Direct backshore access?	No	Access restrictions	Use ATVs to access sandy areas															
Alongshore access from next segment?	No	Suitable Backshore Staying?	No															
Surface Oiling Conditions																		
Zone ID	Tidal			Oil Cover			Oil											
	LI	MI	UI	Length	Width	Distr.	Thickness	Character										
A				mtr	mtr	%	PC	CV	CF	ST	FL	FR	MS	TB	TC	SR	AP	No
				0	0	0												X
Observations																		
heavy bands of fresh oil and no access in mid to end upper beach zones																		
Constraints																		
Use ATVs to access fine sandy areas.																		
Cleanup Recommendations; Ecological/Recreational/Cultural Issues/Wildlife Obs.																		
Recommend mechanical and manual removal of oil.																		
Tipping gloves and other shore-side items use this area for resting or foraging																		
Can be a high traffic area for fishermen																		
SCAT Shoreline Oiling Summary																		
Last Update by Lindsey, David At 12/23/2014 14:51 GMT -3 (CST)												Page 1 of 1						
INCIDENT ACTION PLAN SOFTWARE™ Printed: 12/23/2014 13:22:09 -4:00 6 TRO																		

Situation Status Board

- Real Time Situation Status Updates
- Controls to ensure approved forms are displayed
- Optional Auto-Refresh forms for updates
- Configure single click print to dedicated printer



Configured by Situation Unit

Read only display by all users

Edit Situation Status Board

Report To View		Window Title
General Incident Report	Select Version	General Incident Report
Weather Report	Select Version	Weather Report
ICS 202 - Incident Objectives	Select Version	ICS 202 - Incident Objectives
ICS 207 - Organization Chart	Select Version	ICS 207 - Organization Chart
ICS 232 - Resources at Risk	Select Version	ICS 232 - Resources at Risk
Map - Common Operating Picture		Map - Common Operating Picture
ICS 209 - Incident Status Summary	Select Version	ICS 209 - Incident Status Summary
Resources Summary		Resources Summary
ICS 230 - Daily Meeting Schedule	Select Version	ICS 230 - Daily Meeting Schedule

Select the version of the form to open

Version	Prepared By	Edit Date GMT -6:00	Attachments
12/30/2014 - APPROVED	Admin	01/20/2015 06:45:33	
12/30/2014 - DRAFT	Admin	01/20/2015 06:45:12	

Change Showing for Period: Period 2 Preloaded Versions OK Cancel

Incident Action Plan Software™
Provided by The Response Group

Situation Status Board

Incident Name: San Luis Pass Break Period: Period 2
Version Name: Sit Stat Display

ICS 207 - Organization Chart

General Incident Report Weather Report ICS 202 - Incident Objective ICS 232 - Resources at Risk Map - Common Operating ICS 209 - Incident Status Resources Summary ICS 230 - Daily Meeting

Situation Status Board

Flexible to Fit Needs

Multiple Displays

- Command Post Layout with Electronic Sit Stat Equipment
- Each Panel dedicated to specific forms\reports



Single Display

- View on computer or project display
- Ability to view Read Only Sit Stat and edit ICS Forms



Restricted Access Display

- Login generated for external users (ex: agencies)
- Restricted only to Sit Stat Form in read-only mode



Situation Status Display

The Response Group
Emergency Response | Pre-Planning & Support

Dimensions – Display setup

Full Situation Board Display (straight layout)

8 – dual stacked 46” displays

1 – large center 70” display

- 32” multi-touch console
- Single 46” displays

Locations

Houston, TX

New Orleans, LA

San Francisco, CA

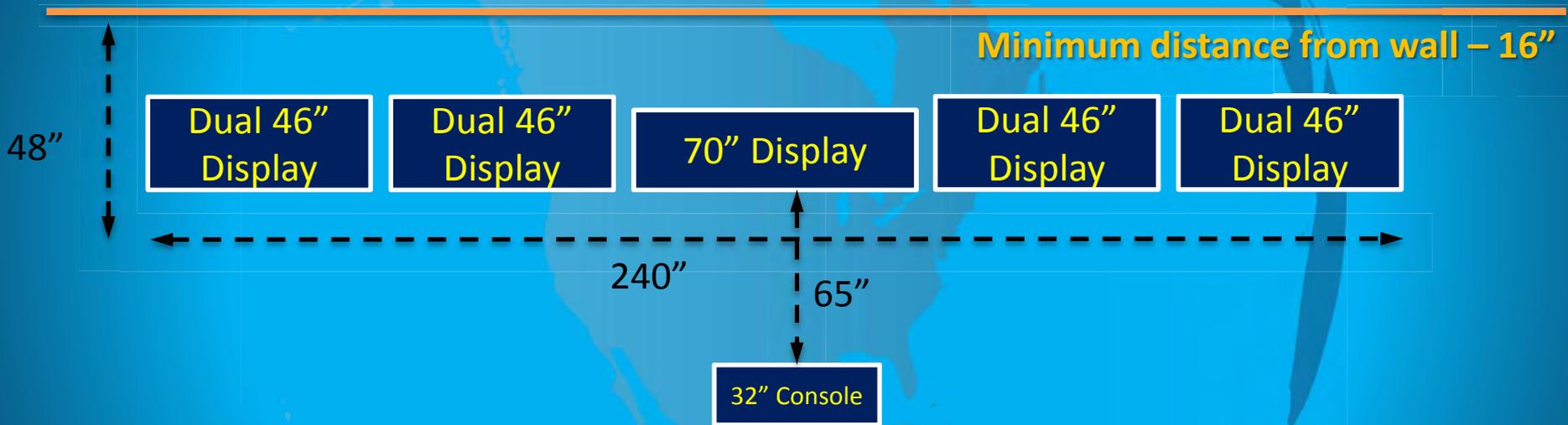
Anchorage, AK



Situation Status Display

Situation Status Board Layouts

- Option 1 – Straight Wall



Situation Status Display

Recommended Panel Layout – Proactive Phase



- Panel 1 - General Incident Report, Weather Report, Notification Report
- Panel 2 - ICS 202 Response Objectives
- Panel 3 - ICS 207 Org Chart – Overall Response, Section Specific
- Panel 4 - ICS 232 Resources At Risk
- Panel 5 - Common Operating Picture
- Panel 6 - ICS 209 Incident Status Summary
- Panel 7 - Resource Summary or T-Card Display
- Panel 8 - ICS 230 Meeting Schedule
- Panel 9 - ICS 206 Medical Plan, ICS 208 Site Safety Plan

Situation Status Display

The Response Group
Emergency Response | Pre-Planning & Support

Electronic Situation Status Display Kit



The Response Group
Emergency Response Pre-Planning & Support



IAP

Questions/Comments?

IAP Software - Developed for Responders by Responders

Your ability to respond is our shared responsibility™