

Agenda Item #: 11:00  
A.M.

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

WORKSHOP SUMMARY

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Meeting Date: May 14, 2013

Department: Department of Public Safety

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I. EXECUTIVE BRIEF

**Title:** Joint presentation by the Public Safety Department, Division of Emergency Management, and the American Red Cross regarding our preparation and partnership efforts for 2013 Hurricane season.

**Summary:** A joint presentation will be made by the Department of Public Safety staff and the American Red Cross regarding our joint partnership responsibilities in responding to local emergencies. County staff will provide information regarding the latest enhancements that have been made to assist Palm Beach County in responding to any disasters such as our new social media project and our new mobile application: Disaster Awareness and Recovery Tool (D.A.R.T.). We will also discuss the latest evacuation zone maps that have been developed and how they have impacted our emergency planning evacuation procedures. Red Cross officials will present information as to how their organization supports our emergency management program and the unique partnership that has been developed with Palm Beach County.

**Attachment:**

1. Public Safety PowerPoint Presentation

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Recommended by: Venit Bonvento 5/2/13  
Department Director Date

Approved By: Venit Bonvento 5/2/13  
Assistant County Administrator Date

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
<b>NET FISCAL IMPACT</b>	_____	_____	_____	_____	_____
<b>No. ADDITIONAL FTE POSITIONS (Cumulative)</b>	_____	_____	_____	_____	_____

Is Item Included In Current Budget? Yes \_\_\_\_\_ No \_\_\_\_\_  
 Budget Account No.: Fund \_\_\_\_\_ Department \_\_\_\_\_ Unit \_\_\_\_\_  
 Object \_\_\_\_\_ Reporting Category \_\_\_\_\_

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

**C. Departmental Fiscal Review:**

*[Handwritten Signature]*

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Dev. and Control Comments:**

<p><i>[Handwritten Signature]</i>                  _____                  OFMB</p> <p><i>9/3/2013</i>  <i>Oct 8/31/13</i></p>	<p><i>N/A</i>                  _____                  Contract Dev. and Control</p>
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**B. Legal Sufficiency:**

*[Handwritten Signature]*  
 \_\_\_\_\_  
 Assistant County Attorney

*5/6/13*

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director



# 2013 County Hurricane Preparedness

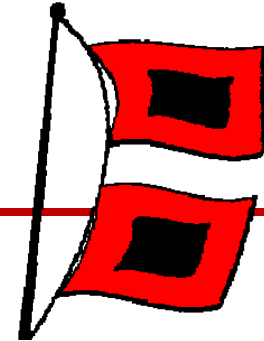
Public Safety Department  
Division of Emergency Management

Vince Bonvento, Director  
Public Safety Department





# Hurricane Forecast 2013



	Avg.	2011 actual	2012 actual	Dr. Gray 4/2013	NWS 2013 forecast
Named	10-11	19	19	<b>18</b>	TBA
Hurricanes	6	7	10	<b>9</b>	TBA
Intense ( $\geq 3$ )	2	4	1	<b>4</b>	TBA



# New Implementations

## Website Re-Design:

- Focuses on our audiences:
  - Citizens
  - Businesses
  - EM Partners
- Social Media
  - Facebook, Twitter
- iDART access
- bDART access
- Hurricane Resources
  - Hurricane guide
  - Evacuation maps
  - Shelter maps
  - Generated locations



<http://www.pbcgov.com/dem/>





# New DISC

## Digital Information Support Center (DISC):

- Monitor social media communications (“Tweets” and Facebook posts) → EOC will respond proactively by tweeting or posting updated information such as shelter status, road closures, and other response activities.
- Improves rapid real time communications.
- Improves situational awareness.





# New Implementations



## PBC DART:

- **D**isaster **A**wareness & **R**ecovery **T**ool
- iOS; Android and Windows
- Evacuation tool
- Location tool:
  - Shelters
  - Hardware and grocery store w/generator
  - Gas stations w/generator or transfer switch
- *NOT a means of requesting for help, emergency services, or applying for any type of financial assistance.*
- More to come....



**1- Enter your Home Address**

House Number:  Pre. Dir.:  Street Name:  Street Type:  Post Dir.:  Apt/Unit:

City:  State:  Zip Code:

**2- Select the Damage Level and Flood Level (Click on Image)**

**Damage Level**

Low Damage Moderate Damage High Damage Extensive Damage

**Flood Level**

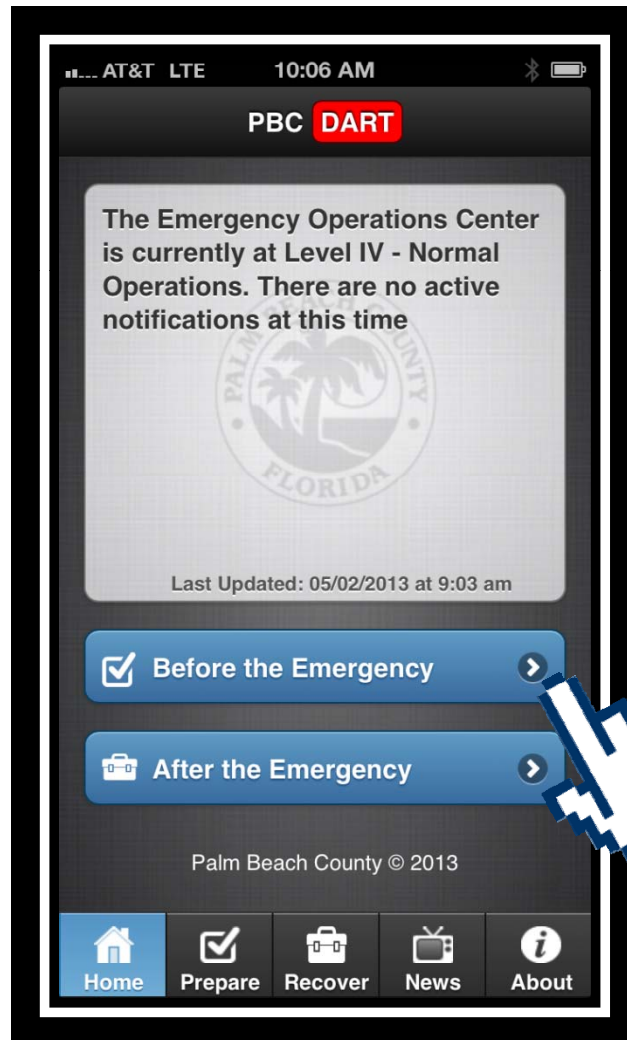
Not Flooded Flooded at Street Level House Flooded Inside

**3 Upload a Photo (Optional)**

browse...



# Disaster Awareness & Recovery Tool (DART)

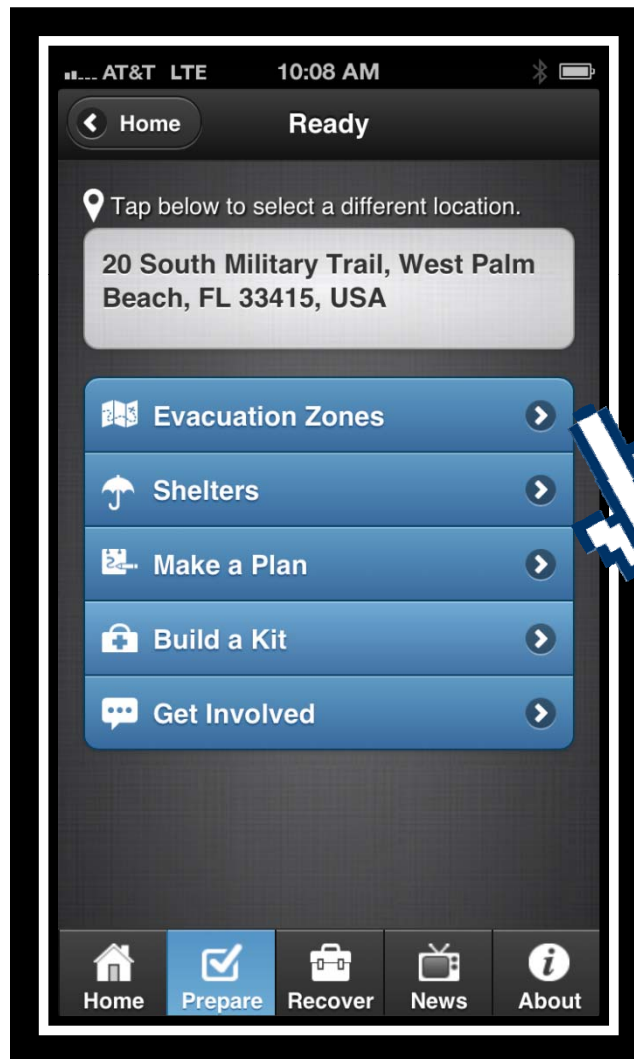


- Start up screen
- EOC status
- “Before” menu
- “After” menu (recovery)





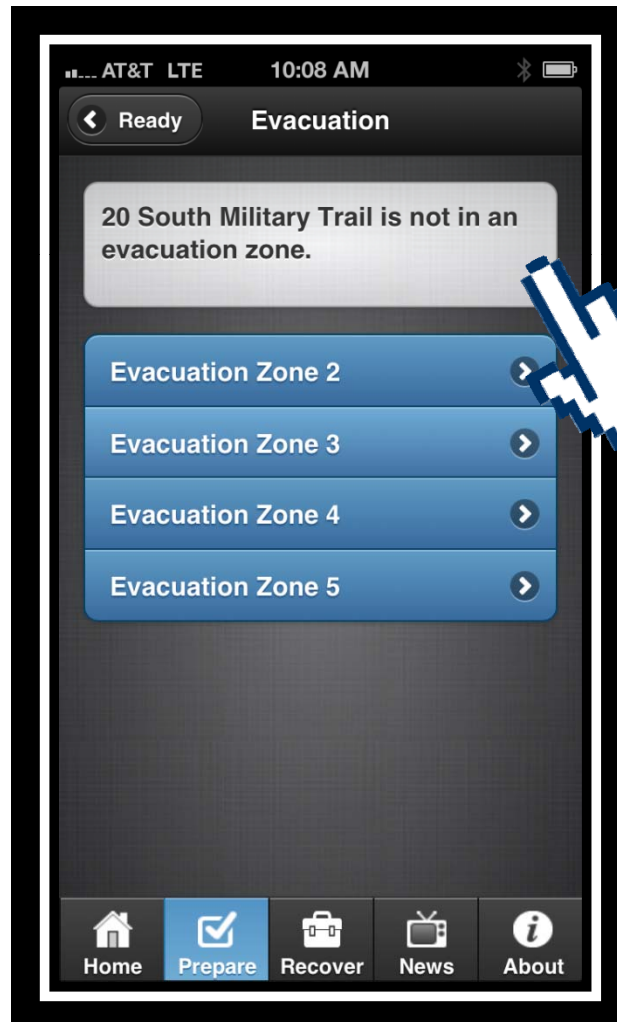
# Disaster Awareness & Recovery Tool (DART)



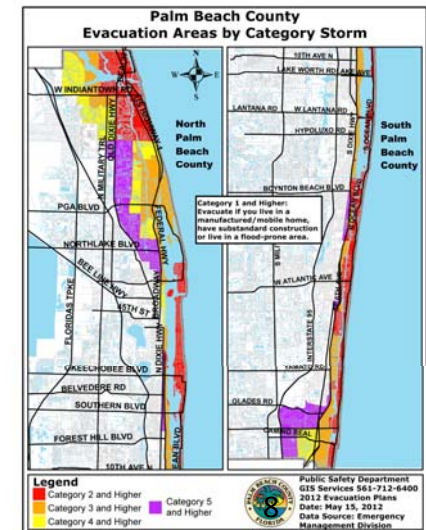
- Type in your address or allow the phone's GPS to enter your location



# Disaster Awareness & Recovery Tool (DART)

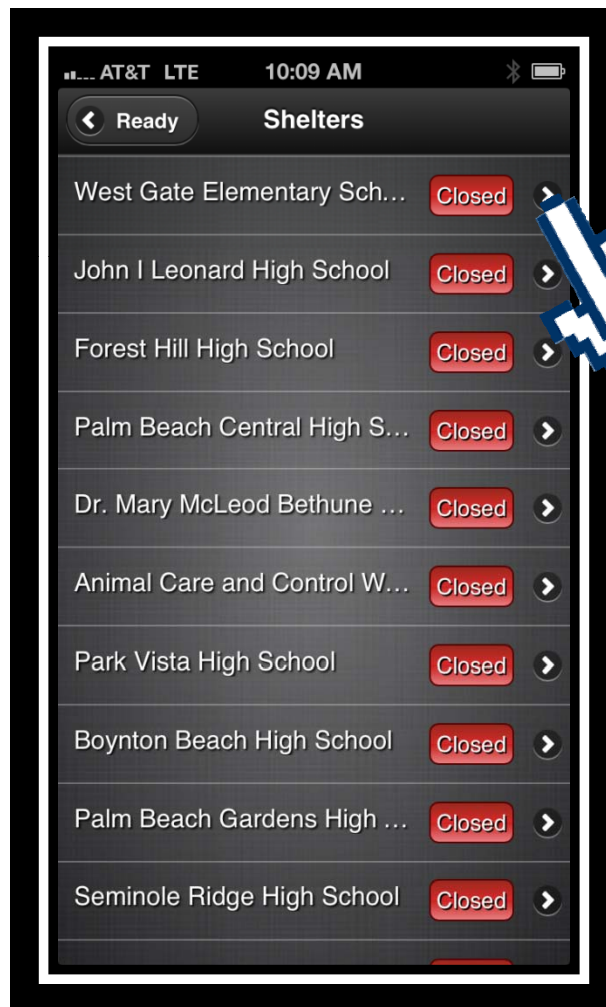


- The “Evacuation” feature will advise you if you are in an evacuation zone





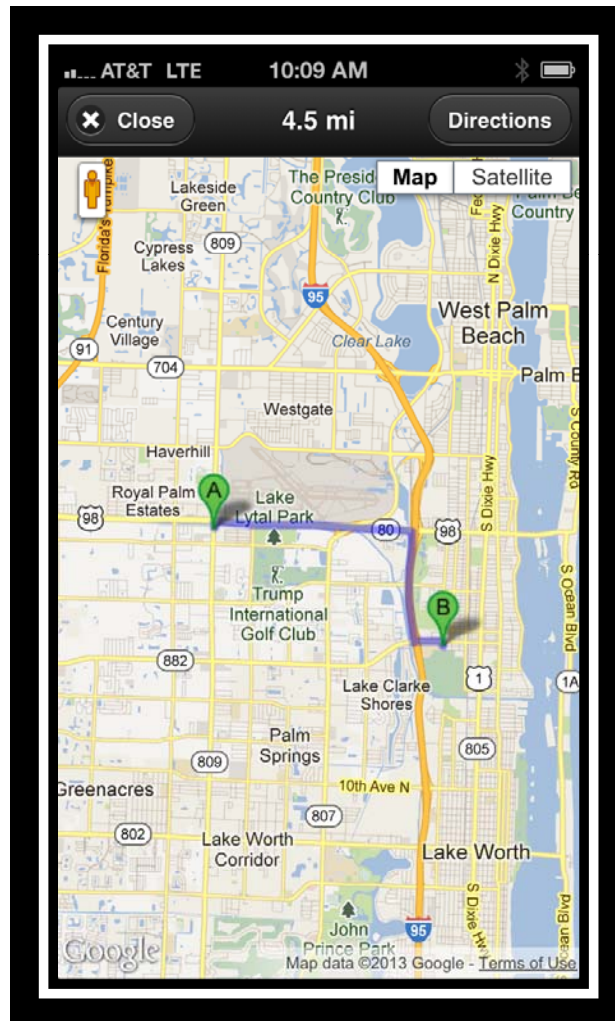
# Disaster Awareness & Recovery Tool (DART)



- The “Shelter” feature lists the nearest general population shelters and their current status



# Disaster Awareness & Recovery Tool (DART)



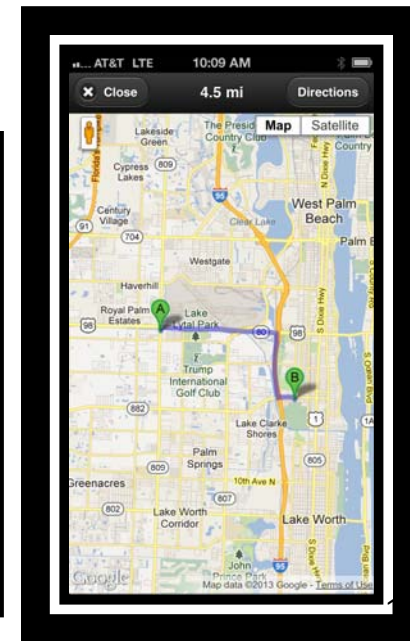
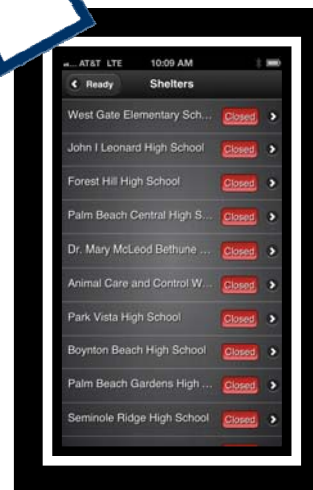
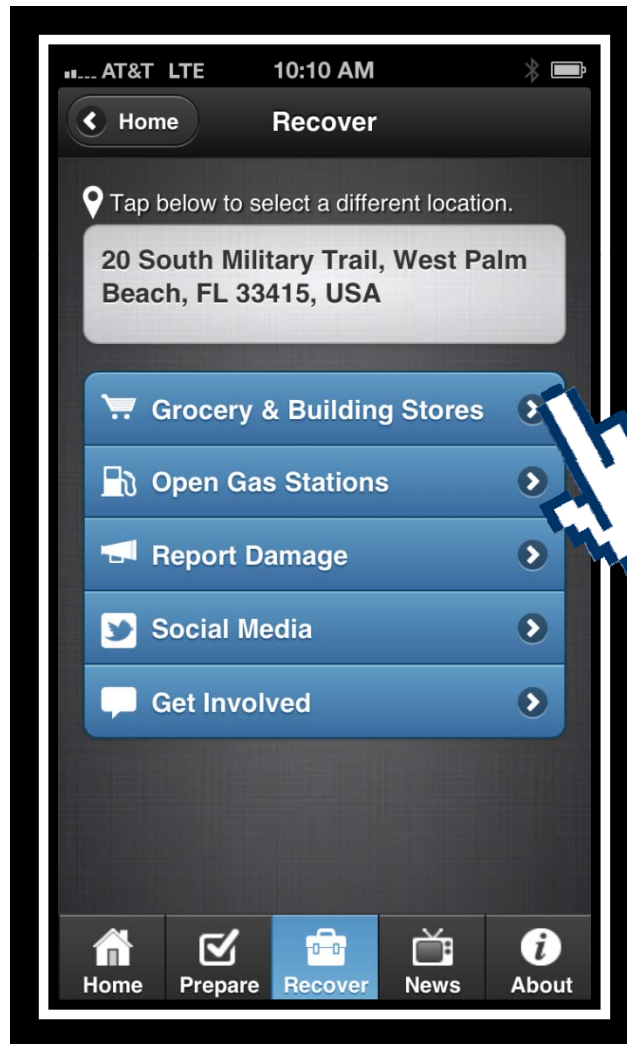
- Using your GPS feature, it will provide directions to that shelter.



# Disaster Awareness & Recovery Tool (DART)

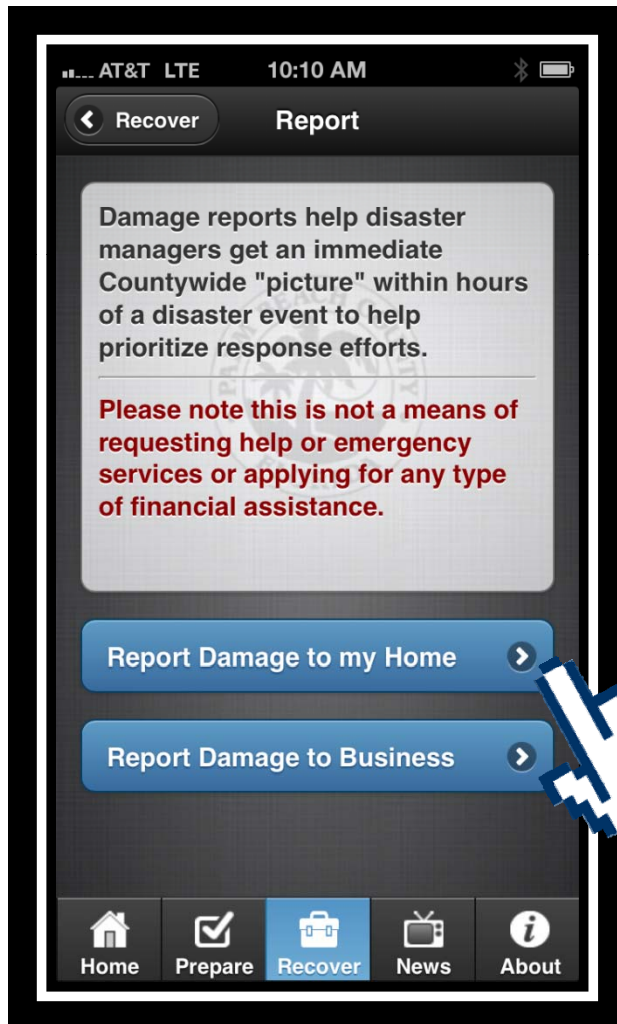


- The “Recover” feature:
  - Grocery stores
  - Hardware stores
  - Gas Stations





# Disaster Awareness & Recovery Tool (DART)



- Damage Reporting Tool
- *This is not a means of requesting help or emergency services or applying for any type of financial assistance*



# Disaster Awareness & Recovery Tool (DART)



AT&T LTE 10:11 AM

Report Residential

Select Damage Level

Select Flood Level

Location

Add Picture

Submit

Home Prepare Recover News About

- Residential reporting tool
  - Damage
  - Flooding



# Disaster Awareness & Recovery Tool (DART)



- Select picture that best corresponds to your damage level





# Disaster Awareness & Recovery Tool (DART)



AT&T LTE 10:11 AM

Report Residential

Select Damage Level

Select Flood Level

Location

Add Picture

Submit

Home Prepare Recover News About

- Can also submit a picture using the phone's camera



# Disaster Awareness & Recovery Tool (DART)



The screenshot shows a mobile application interface for reporting business damage. At the top, it displays 'AT&T LTE' and '10:11 AM'. Below the status bar, there is a navigation bar with a back arrow and the text 'Report Business'. The main form contains the following fields and controls:

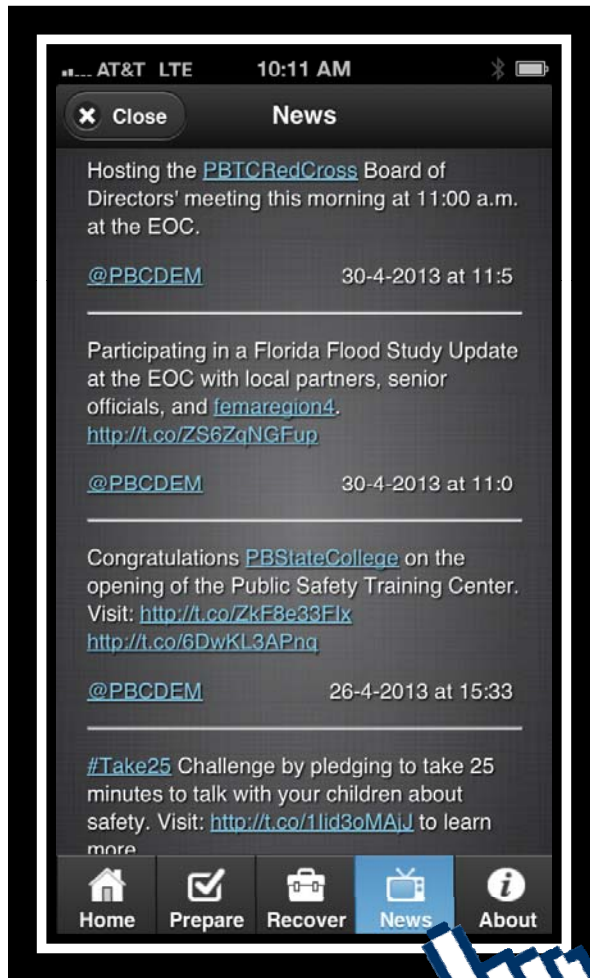
- <Enter Business Name> (text input field)
- Select Damage Level (dropdown menu)
- Select Flood Level (dropdown menu)
- Business is Operational (toggle switch, currently set to 'No')
- Location (dropdown menu)
- Add Picture (camera icon and text)
- Submit (blue button)

At the bottom, there is a navigation bar with five icons: Home, Prepare, Recover (highlighted in blue), News, and About.

- Business reporting tool



# Disaster Awareness & Recovery Tool (DART)



- Using the “News” feature, the user can “stay informed” by following PBC’s Twitter feed throughout the event

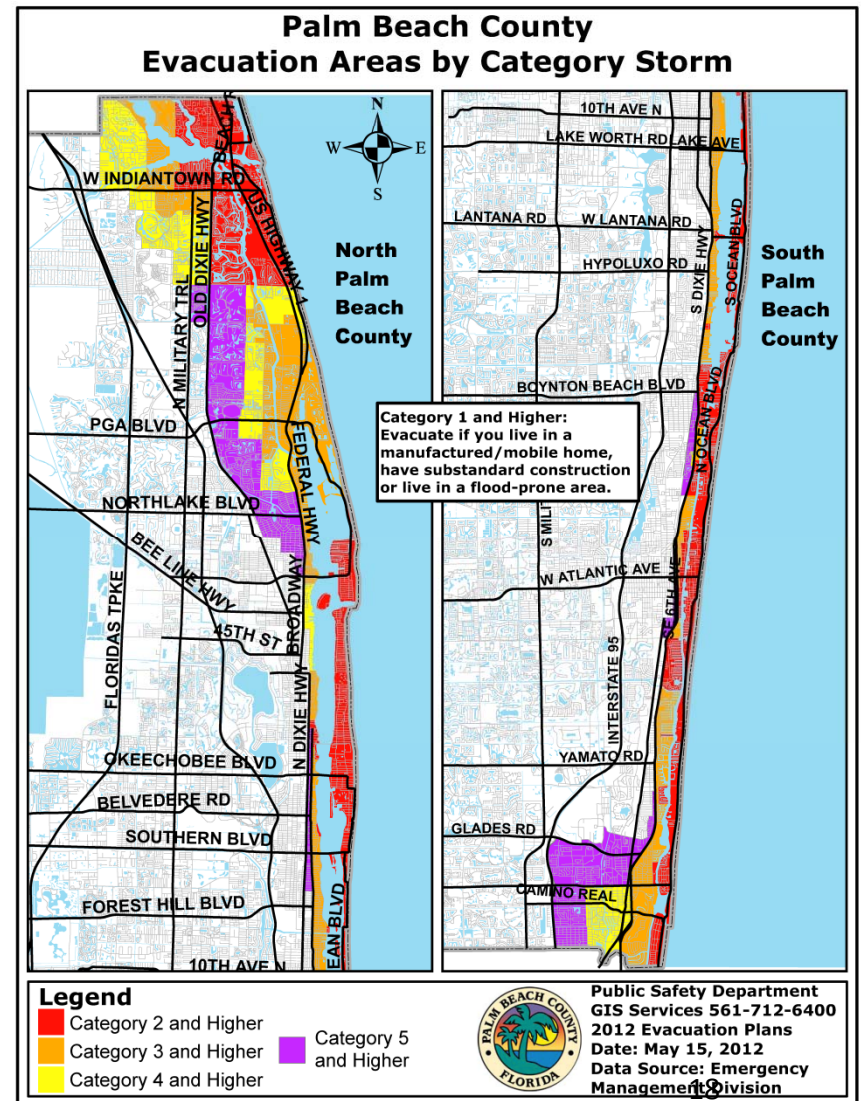




# New Implementations

## New Evacuation Zones:

- Based on new LIDAR and surge mapping
- Better accuracy; 5 zones
- May not announce the specific evacuation plan to follow (i.e., plan 1, 2, 3, 4, or 5) until 1-2 days before the arrival of the storm
- Know if you need to evacuate ahead of time
- [www.pbcgov.com/dem/evacuate](http://www.pbcgov.com/dem/evacuate)





# Our preparedness message is simple

- **Have a plan**

- Everyone has a duty to be prepared;
- Know if you need to evacuate:
  - If so, know where you are going (within County);
  - If not, shutter and shelter in place
- Have a plan for your pets;
- If you have special needs, plan even more...

- **Make a kit**

- keep it stocked year round;

- **Be informed**

- Monitor local media, our website, and our twitter for preparedness information and protective actions;

- **Get involved**

- Volunteer in one of many non-profit agencies; give back



Make a plan



Build a kit



Be informed



Get involved



# QUESTIONS??

**Vince Bonvento**

Assistant County Administrator

**Bill Johnson, RN**

Emergency Management Director

**THANK YOU**

follow us on  
**twitter**



@PBCDEM

<http://www.pbcgov.com/dem/>



- PBCDEM





**Mr. Rob Levine**  
Chief Executive Officer



follow us on  
**twitter**



@PBCDEM

<http://www.pbcgov.com/dem/>



- PBCDEM

