

Hurricane Gustav & Ike: Pharmacy Lessons Learned

Rapid Deployment Force

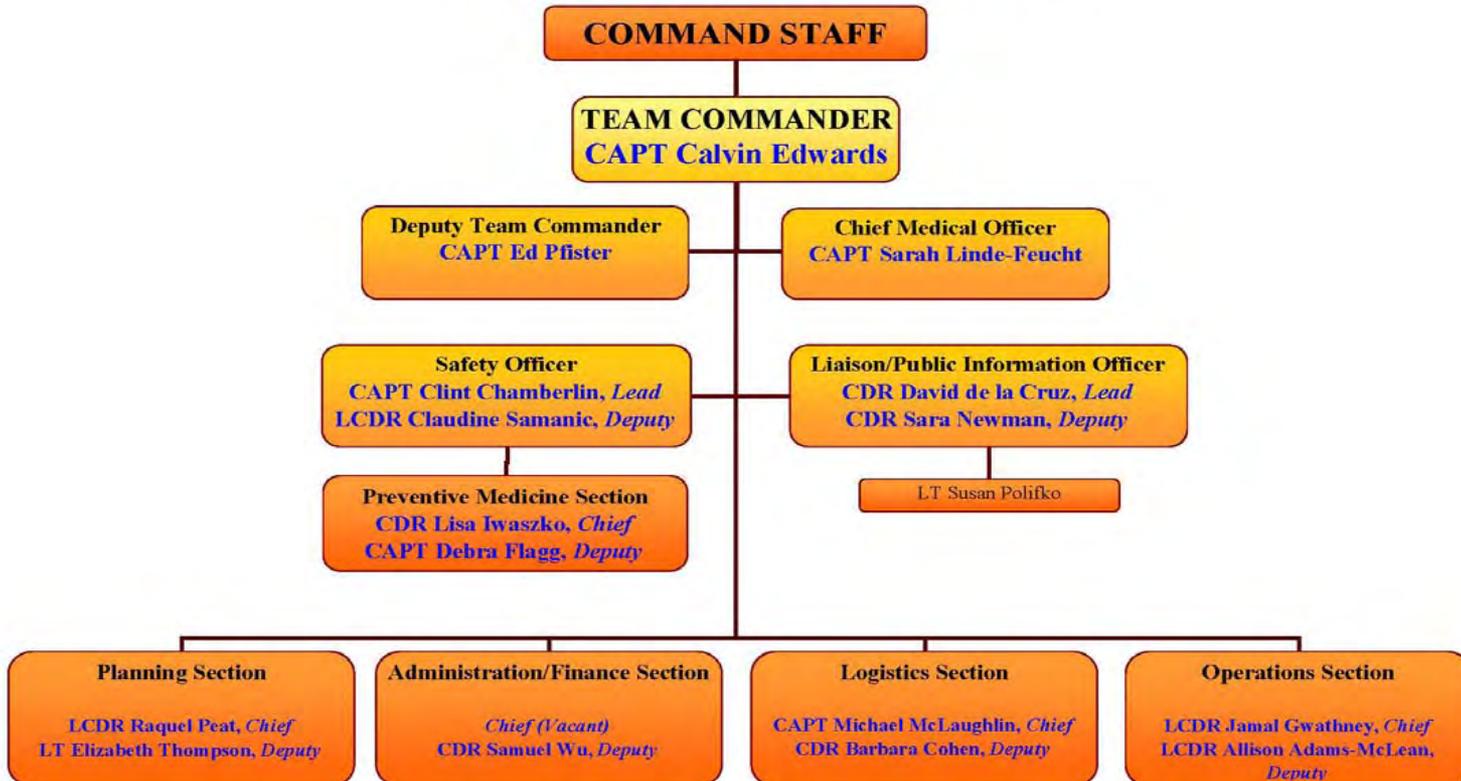
PHS-2

Objectives

- Command Structure
- Timeline – Activation to Demobilization
- Different Roles
- Day-to-Day operations

Command Structure

PHS-2 RDF Organization Chart (Updated: May 6, 2009)





Notification & Activation

- Notification of pending activation on August 27, 2008
- Activated on August 29, 2008
 - Pre-Hurricane Gustav
 - 12 hours notice
- Augmented with Tier 3 Pharmacists
 - 8 PHS-2 pharmacists & 8 Tier 3 pharmacists



Timeline

- Departed Washington, D.C. on August 29, 2008 – 2300 hours
- Arrived in Baton Rouge, LA on August 30, 2008 – 0130 hours
- Debriefing on August 30, 2008 – 0230 hours

Debriefing 0230 Hours





Mission

- Initial Plan
 - PHS-2 pharmacy branch including Tier 3 pharmacists were to split into 2 teams: Gold & Blue
 - Each team would run a separate Federal Medical Shelter (FMS) shelter at different locations:
 - Alexandria, LA
 - Ruston, LA
 - Identify Pharmacy Teams
 - Clinical Roles and Team needs

Timeline

- Blue Team
 - Set up a 200 bed FMS at LSU – Huey P. Long Field House on August 30, 2008
 - 0800 until 1600 Hours



Evolving Mission

- New Mission: FMS Alexandria, LA
 - 250 Bed FMS
- Timeline:
 - Began on August 30th 1800 hours
 - Overnight
- Blue & Gold Teams
 - Stationed together
 - 16 Pharmacists

Evolving Mission



Riverfront Center: Alexandria, LA



Alexandria, LA: Convention Center

- Arrival:
 - Approximately 0300 Hours
 - Set-up of a 250 Bed FMS
 - Patients were waiting outside of the convention center upon our arrival
- Pharmacy
 - Identify Pharmacy Location
 - Resources





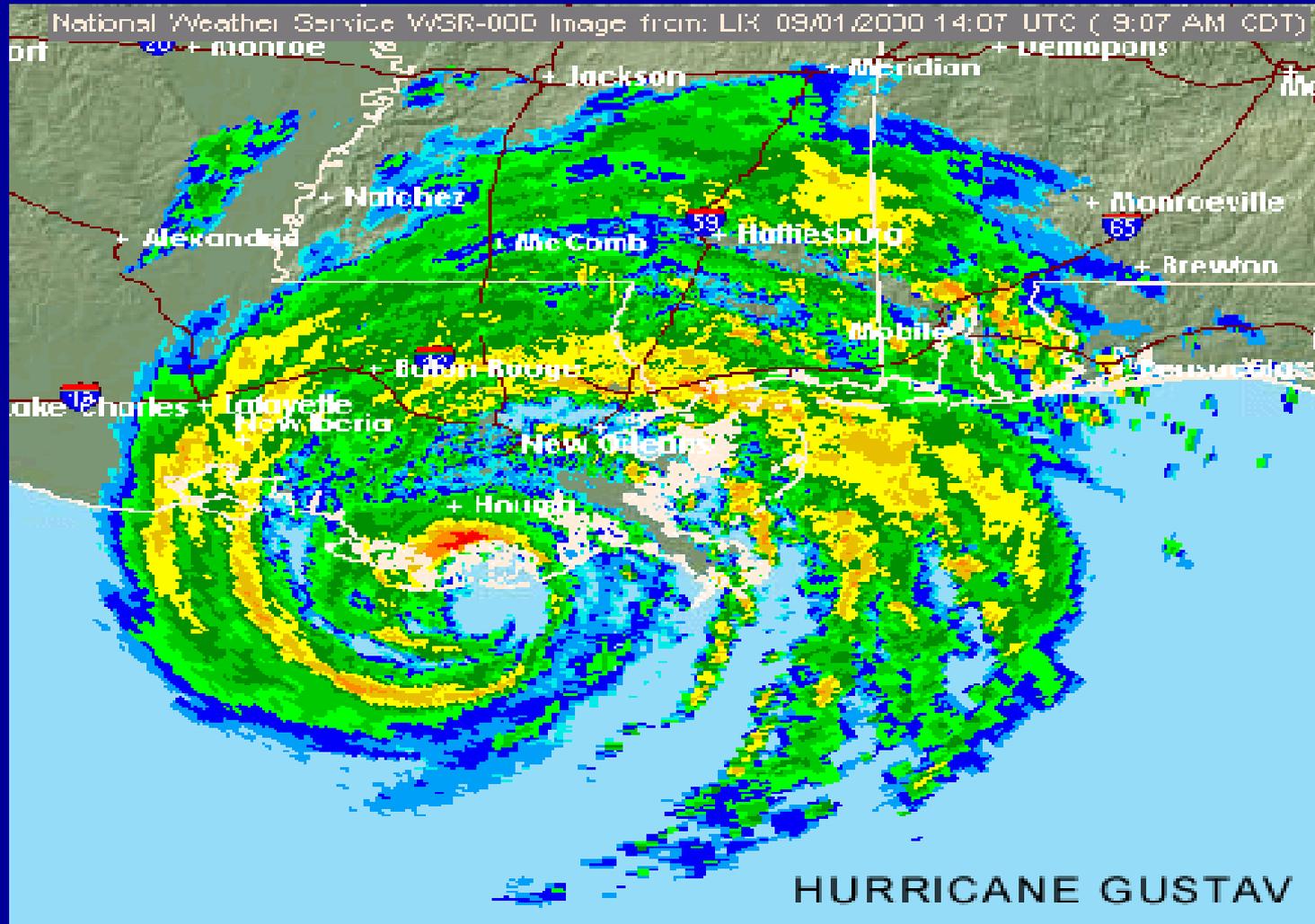
Pharmacy

- Location:
 - Corner of Convention Center
- Needs:
 - Locate supplies
 - FMS Cache & other medication supplies
 - EMR
 - Forms
 - Resources
 - Tables
 - Supplies

Pharmacy

- Pharmacy Design
 - Workflow
 - Medication Layout
 - Formulary Identification
 - Security
 - Pharmacy Policies
- Identify Shifts
 - 12 Hours
 - Blue & Gold Teams
- Identify Initial Pharmacist Roles
 - Admissions
 - Triage
 - Clinical
 - Inventory

Mission: Gustav makes landfall 9/1/08









Pick UP

DJC Planning

FMS-16 Statistics

- 250 Beds – peaked just over 200 patients (9/3/2008)
- Level of acuity
- Higher level of acuity patients came with caregivers



Pharmacy Roles

- Admissions
- Triage
- Clinical
- Patient Care
- Logistics
- Inventory
- Data Collection
- Discharge





Daily Routines

- Pharmacist Routines
 - Patient Histories
 - Daily Dose Prescriptions
 - Three day supplies
 - Therapeutic Substitutions
 - Ordering & Resupplying Inventory
 - Control Inventory & Dispensing
 - Medication record keeping
 - Preparing Discharge Medications



Continuity of Care



Pharmacists Intervention

- Data Collection
 - Identifying the evolving needs of the patients
 - Therapeutic Substitutions
 - Medication Reconciliation
 - Outside Resources
 - Pharmacies
 - Hospitals
 - Local and VA Hospitals
 - Other FMS Shelters
 - IRCT Pharmacy Liaison
- Changing the Clinical Role of the Pharmacist

Preparing

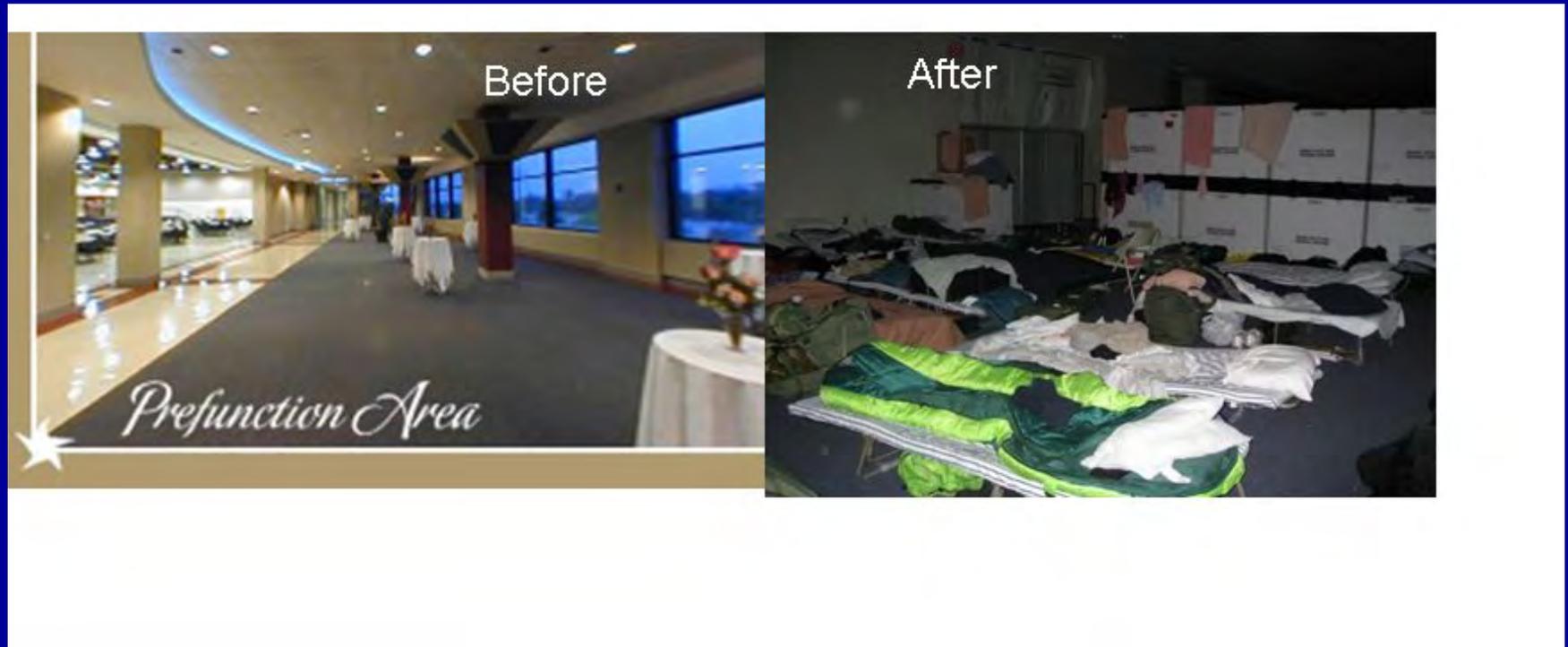


Flexible Roles

- Identifying New Roles
 - Pharmacist roles beyond pharmacy care
- New Missions
 - Preparing for Hurricane Ike
 - Re-staffing other shelters
 - Filling the needs of other teams - DMAT



Uncertainty of Hurricane Ike from 9/9 until 9/16 (Ike Makes Landfall 9/13)



FMS at Alexandria, LA

August 30th until September 19th



Pharmacy Lessons

- Staffing Roles
 - Assignments for each team
- Evolving Mission
 - Communication
 - Flexibility
- Preparation
 - Aware of the resources available to you
 - PharmPAC Pharmacy Forms
 - Supplies
 - Internet resources

Pharmacy Lessons

- First team to set-up and successfully operate a FMS.
- Provided comfort and care for over 200 evacuees over a 10 day period for Hurricane Gustav.
- Understanding of the Command Structure
- Know your resources: Contacts
- After Action Reports

Thank You!

USPHS & DMAT

From:

Louisiana!!!