

Mass Rescue Operation
Mass Casualty Incident
Table Top Exercise

HUMBOLDT COUNTY COMMUNITY

***“NORTH COAST MASS RESCUE
2010/2011”***

September 2010

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GLOSSARY

MRO – Mass Rescue Operation
MCI – Mass Casualty Incident
IC – Incident Command
QRC – Quick Response Checklist
SAR – Search and Rescue
SMC – Search and Rescue Coordinator
OSC – On Scene Coordinator

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Purpose Statement

Statement of Purpose

The purpose of this table top exercise (TTX) is to test and train those functions related to a Maritime Mass Rescue Operation (MRO) / Mass Casualty Incident (MCI), where victims and survivors are transferred from sea to land. The goal of this TTX is to use ICS review training to facilitate the production of a unified ICS-201 between all participants. The 201 will be utilized and tested in a full scale exercise (FSE) in April 2011. An MRO or MCI can arise from various causes (transportation accident, an apartment/hotel fire, or natural or manmade disaster), but the functions and management principles to exercise and practice are very similar.

On September 2010 the parties will be tested in a TTX simulating a small passenger airline on water crash landing adjacent to the Arcata/Eureka Airport (ACV) resulting in a number of survivors, injuries and deaths requiring on-water survivor care and transport to landside EMS services and care. The intent of the exercise objectives is to be function based and dependent on what the responding agency(s) finds valuable to exercise.

Needs Assessment

General

1. A Mass Rescue Operation or Mass Casualty Incident can arise at any time, originating from an air, water or land transportation incident or from a natural or manmade disaster. It is a civil search and rescue activity characterized by the need for immediate assistance to a large number of persons in distress, such that the capabilities normally available to SAR authorities are inadequate requiring the efforts of multiple agencies. These are typically low occurring high consequence events which don't commonly allow agencies the opportunity to tackle these management challenges. Any MRO/MCI exercise will allow agencies to streamline incident management capabilities to respond MRO/MCI arising from a variety of causes.
2. Functions to be exercised:
 - Multi Agency/IC Coordination
 - Review participants plans and procedures
 - On Water Incident Management
 - Air Operations Management
 - Shore side / Staging Area Management
 - Continuum of care of survivors/deceased and accountability
 - Victim Accountability
 - Public Affairs & Press Management

Primary Hazards – MRO/MCI

- Small Airline on-water crash/casualty requiring victim evacuation and transport.

Secondary Hazards

- Pollution or hazardous materials spill / release (not exercised)
- Air transportation disruption (not exercised)
- Increased Public /Media activity & traffic in area (not exercised)

Hazard Priority

- Priority Hazard 1: Airline Crash Response

Area

Geographic area(s) or facility location(s) most vulnerable to high priority hazards.

- Airline Crash: Arcata Airport in proximity to take off and landing over body of water - **SITE TBD**. of water.

Needs Assessment

Plans and Procedures

- USCG Group Humboldt Bay OPPLAN 9814 Major Marine Disaster/Mass Rescue Operations Plan
- USCG District 9800 Level Contingency Plans Mass Rescue Operations
- USCG SAR Addendum to National SAR Supplement Plan & MRO Checklist
- Emergency Procedures for the Arcata-Eureka Airport
- County of Humboldt Emergency Operations Plan
- Horizon Airline Plan
- Sky West Airline Plan
- Hospital MCI Plans?

Functions

Emergency management functions most in need of rehearsal

I. ALL

- Alert Notification (Emergency Response)
- Coordination of ICs – Staff Mobilization. Multiple ICs/CP/EOC Coordination: Command, control and communications (USCG, Eureka, Arcata, Airport, HB County)
- Media Management – JIC
- Passenger & Crew Accountability

II. On Water – USCG / Humboldt County Sheriff

- On Water Resource Management
- On-Scene Commanders Tasking & Execution Abilities

III. Shore side / Staging Area – Local Govt.

- Medical/Triage
- Decontamination
- Coroner/Morgue
- Transportation
- Evidence Collection
- Site Security and Traffic Control
- Family Support / Next of Kin Notifications
- Survivor Reception Center

IV. Air Operations – USCG / ACV

- Communication Interoperability
- Flight Restrictions

V. Hospital

- Surge/MCI Accreditation: Joint Commission on Accreditation of Healthcare Organizations (JCAHO)

Needs Assessment

Participants	
USCG Horizon Airlines Sky West Airlines Humboldt County City Ambulance of Eureka City of Trinidad City of Arcata	City of McKinleyville Northern California Safety Consortium Arcata Fire Protection District Petrolia Fire Protection District St. Joseph Hospital, Eureka Mad River Community Hospital, Arcata? Red Cross Others?

Program Areas

Status of emergency program – Areas of possibly needing exercising

Program	New	Updated	Exercised	Used in Emergency	Inactive / Unknown	N/A
Emergency Plan						
Standard Operating Procedures						
Resource List						
Maps, Displays						
Reporting Requirements						
Notification Procedures						
Mutual Aid Pacts						
Policy-Making Officials						
Coordinating Personnel						
Operations Staff						
Volunteer Organizations						
EOC/Command Center						
Communication Facility						
Training ICS						

Needs Assessment

Past Exercises

Los Angeles LAX Air Sea Disaster Exercise, 2008

- Who participated in the exercise?
USCG, Local Govt (FD, PD, EMS, Coroner/Mobile Morgue, Hazmat, Harbor Master, Marine units), County (Sheriff Marine & Land, OES), Airline, Airport, CHP
- Who did not?
FBI, NTSB, TSA
- To what extent were the exercise objectives achieved?
Generally met. Survivors and victims were transferred from sea to land but there was no survivor/victim accountability.
- What lessons were learned?
Passenger Accountability: Airline manifests were not immediately available through airline. Had to contact TSA, Transportation Security Operations Center (TSOC) to get it in a timely manner, but there generally has to be a security nexus.
- What problems were revealed, and what is needed to resolve them?
With a short operational duration, multiple ICs formed, limited to operation sections and no real UC. Biggest challenge was interagency coordination or coordination amongst various ICs.
- What improvements were made following past exercises, and have they been tested? The biggest challenge for improvement is interagency coordination which is improved through regular exercises and plan usage and updates.

Exercise Scope

Exercise	Maritime Mass Rescue Operation / Mass Casualty Incident TTX
Scope	Incident management of a small passenger aircraft on-water crash landing and resulting in a Maritime Mass Rescue/ Mass Casualty Incident involving passenger evacuation with some injuries and deaths.
Type of Emergency	Small Passenger Airline on-water crash landing due mechanical failure on take-off.
Location	IVO Arcata/McKinleyville, CA Airport (AVC), departure end of runway 32.
Function	<ul style="list-style-type: none">▪ Alerts and Notifications▪ USCG GRU HB/ SMC: Operations Section, Comms, Passenger & Crew Accountability.▪ USCG On Scene Coordinator/On Water SAR Group Leader: Manage on water assets, Comms, passenger & crew accountability, passenger transport.▪ USCG Air Operations/ Air Branch: Manage Airspace, Medevac, MRO Raft, Air Comms▪ Local Government Staging Area/IC: Passenger accountability, hazmat decon, EMS/ triage, coroner/morgue, ground transport, air transport, site security▪ Passenger accountability, from water to hospital or reception center▪ Passenger continuum of care

Exercise Scope

- Media management & mass informational inquiries management (inquiries from families, media)
 - Hospital JAHCO certification needs
 - Evidence Collection
 - Salvage
-

Organizations and Personnel

- USCG
 - Horizon Airlines
 - Sky West Airlines
 - Humboldt County (OES, Coroner)
 - City Ambulance
 - Arcata Ambulance
 - Arcata Fire Protection District
 - City of McKinleyville
 - Northern California Safety Consortium
 - Petrolia Fire Protection District
 - St. Joseph Hospital, Eureka
 - Mad River Community Hospital, Arcata
 - Red Cross
-

Exercise Type

Table Top Exercise

Objectives by Function

The following are suggestions for exercise development.

1. Alert Notification

- Make immediate notifications:
 - Identify response parties
 - Map out notification process and identify contacts by priority

2. Command and Control – Integration of Agencies

- Coordinate & Integrate ICS-201s

3. On Water Management - Passenger and Crew Accountability & EMS Support

- Immediately establish On Scene Coordinator (OSC/Water Recovery Branch)
- Immediately establish EMS strategy.
- Once on scene establish strategy for evacuation & transport
- Manage resources
- Within one hour, secure / distribute crew and passenger list to appropriate responders.

5. Shore Side Management - Passengers and Crew Accountability & EMS Support

- Establish shore side staging area including: Passenger accountability, hazmat decon, EMS/ triage, coroner/morgue, ground transport, air transport, site security, traffic management
- Establish/arrange for reception center and care for non injured survivors.

6. Information Management – Media and Mass Inquiries

- Establish Joint Press Release
- Establish contact and information for next of kin and for inquiries (ghost website/ 1-800 phone number
- Provide Unified Command press briefing at staging area.

7. Hospital Management - Surge/MCI Accreditation, Joint Commission on Accreditation of Healthcare Organizations (JCAHO)

Objectives by Function & Responsible Party

Objective	Objective Details	Responsible Party(s)
Alerts and Notifications		Airport, USCG, Responders
On Water SAR	Rescue / Medevac Deceased Recovery	USCG County Good Samaritans
Air Operations	Air Space Restriction & Enforce Medical Transport Sea to Land Medical Transport Inland	USCG Airport FAA Local
Staging Area	Crew/Passenger Accountability Triage Decon/Hazmat Coroner/Morgue Medical Transport Reception Center Transport Security Traffic Control	Local City Governments EMS & LE Services
Passenger Reception Area	Post Triage Processing/Care Area	Airline City Governments NGO – Red Cross
Media Management	Press Releases Press Interview Websites 1-800-Phone	USCG City Airliner

Narrative

TO BE FURTHER DEVELOPED

On [DATE] at [TIME] the small passenger aircraft with [#] of passengers and [#] crew onboard is [FLIGHT STATUS – Take off / Landing] near Eureka / Arcata (ACV) airport. At [TIME] the pilot notified the airport of [PRECEDING CASUALTY CONDITION]. The weather is foggy with 100-yard visibility. Temperature is 59 degrees F. Sea state is calm. At approximately [TIME] the aircraft experiences [CASUALTY INCIDENT]. At [TIME] the pilot makes the following radio transmission. [TRANSMISSION]. At [TIME AIRCRAFT CRASH LANDS AT LOCATION IN VICINITY TO ACV AND CONTACT IS LOST].



De Havilland Dash 8