

# Overview of Public Law (PL) 84-99

## San Francisco District El Nino Flood Preparedness Workshop

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US Army Corps of Engineers  
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# USACE Authorities and Activities

## PL 84-99

- **Disaster Preparedness**
- **Emergency Operations**
- **Rehabilitation**
- **Water Assistance**
- **Advance Measures**
- **Hazard Mitigation**

### **USACE Provides:**

- **Emergency Technical & Direct assistance in response to flood and coastal storm.**
- **Provided upon request for assistance by States.**
- **Assistance supplements State and local actions & capabilities**

**A Comprehensive Flood Response Infrastructure**



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# USACE Authorities and Activities

## PL 84-99

- **Disaster Preparedness**

- **Emergency Operations**

- **Rehabilitation**

- **Water Assistance**

- **Advance Measures**

- **Hazard Mitigation**

- Planning for Quick and Effective Response

- Training

- Stockpiling Supplies and Critical Flood Fight Materials

- Public Assistance Including Liaison, Coordination, and Inspections





# Disaster Preparedness Pumps

- **Types of Pumps**

- ▼ **Crisafulli – 8” 12” & 16”**



- ▲ **Gas – 4”**

- **Diesel**  
**4” 6” & 8”**

(Previous Slide)



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# Disaster Preparedness

## Expedient Flood Fight Products

**Port-A-Dam**



**RDFW**



**HESCO**



# USACE Authorities and Activities

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- **Disaster Preparedness**
  - **Emergency Operations**
  - **Rehabilitation**
  - **Water Assistance**
  - **Advance Measures**
  - **Hazard Mitigation**
- Flood Fighting
    - Technical Assistance
    - Rescue Operations
    - Furnishing Materials
    - Contracting for Emergency Construction
  - Post Flood Response
    - Emergency Debris Removal
    - Temporary Restoration of Critical Transportation Routes and Public Services and Utilities
  - Field Investigation & Reconnaissance of Flood Potential
  - After Action Review & Reporting



# Response Operations

## Flood Response

- Criteria for assistance:
  - ▶ EOC Activation / Declaration
  - ▶ Flood stage or higher
  - ▶ Local resources are fully employed
  - ▶ Request through State
  - ▶ Temporary in nature
  
- Save human life or improved property





# Response Operations

## Flood Response

### Technical Assistance

- Flood fight review and recommendations
- Examples
  - ▶ Guidance
  - ▶ Inspection
  - ▶ Data analysis and evaluation





# Response Operations

## Flood Response

### Direct Assistance

- Supplies and equipment to non-Federal interests
- Rescue operations
- Direct flood fight operations
- Emergency contracts

**Removal of emergency flood fight measures is a local responsibility**

**Agricultural Levees are limited to technical assistance only**



# USACE Authorities and Activities

## PL 84-99

- **Disaster Preparedness**
- **Emergency Operations**
- **Rehabilitation**
  - Repair active flood damage reduction system.
  - Repair any Federally Constructed hurricane or shore protection system.
  - Initial Eligibility Inspections
  - Continuing Eligibility Inspections
  - Interagency Levee Task Force
- **Water Assistance**
- **Advance Measures**
- **Hazard Mitigation**



# USACE Authorities and Activities

## PL 84-99

- **Disaster Preparedness**
  - **Emergency Operations**
  - **Rehabilitation**
  - **Water Assistance**
  - **Advance Measures**
  - **Hazard Mitigation**
- Preventative Temporary Works Executed Prior to Predicted Unusual Flooding
  - Examples:
    - Creating a Ring Levee Around Critical Facilities
    - Adding Height or Reinforcing Existing Levees





# Advance Measures

## Purpose

- Advance Measures are performed due to an imminent threat of unusual flooding for protection against loss of life and damages to urban areas and/or public facilities.
- Advance Measures assistance may only be provided prior to a flood, a hurricane or coastal storm, or a storm on an inland body of water or a closed basin flood.



# Advance Measures Policy

- “Imminent Threat”
- “unusual flooding”
- Written request from Governor
- Supplement local efforts
- Economically justified ( $BCR > 1.0$ )
- Engineering is feasible
- Capable construction timeframe



# Advance Measures Process

- Written request received from Governor
- Investigation to determine if USACE advance measures assistance is appropriate
- If deemed appropriate, prepare PIR
- PIR approved by HQ USACE
- Develop and execute Cooperation Agreement (CA)





# Governing Law and Regulations

33 USC Section 701 (PL 84-99) Law

ER 500-1-1 Civil Emergency Management Program

EP 500-1-1 Civil Emergency Management Program – Procedures

ER 1130-2-530 Flood Control Operations and Maintenance Policies

ER 11-1-320 Civil Works Emergency Management Program - Funding



## Overview of Public Law 84-99 Response and Recovery Assistance

	<b>Policies</b>	<b>Assistance</b>	<b>Procedures</b>
<b>Advance Measures</b>	<ul style="list-style-type: none"> <li>• Imminent threat of unusual flooding exists</li> <li>• Supplement State and Local efforts</li> <li>• Tribal/Governor's request/specific locations</li> <li>• Economically justified/engineering feasible</li> <li>• Temporary in nature</li> <li>• Assistance to protect life and improved property</li> <li>• Technical assistance GAR can request</li> </ul>	<ul style="list-style-type: none"> <li>• Technical assistance</li> <li>• Supplies/equipment</li> <li>• Emergency contracting</li> <li>• Strengthening flood control works</li> <li>• Temporary levees (removal local responsibility)</li> <li>• Channel clearance/dredging</li> <li>• Dam failure</li> </ul>	<ul style="list-style-type: none"> <li>• Project info report gets HQ approval</li> <li>• PCA required</li> </ul>
<b>Flood Fight</b>	<ul style="list-style-type: none"> <li>• Save lives/protect improved property</li> <li>• Supplement State and Local efforts</li> <li>• Public facilities/services/residential and commercial developments</li> <li>• Temporary in nature - ends when flood back within banks</li> </ul>	<ul style="list-style-type: none"> <li>• Provide emergency assistance to flood control works</li> <li>• Furnish materials (sandbags, sheeting, pumps)</li> <li>• Furnish technical assistance</li> <li>• Assist in rescue operations</li> <li>• Emergency contracting</li> <li>• Direct flood fight operations</li> </ul>	<ul style="list-style-type: none"> <li>• District Commander issues Declaration of Emergency</li> <li>• PCA required for Direct Assistance</li> </ul>
<b>Post Flood Response</b>	<ul style="list-style-type: none"> <li>• Limited to major flood/life threatening situation</li> <li>• Written request from governor (concurrent with request for Presidential Disaster Declaration)</li> <li>• Ten-day limit (No new work after declaration)</li> </ul>	<ul style="list-style-type: none"> <li>• Debris clearance (vice removal)</li> <li>• Technical assistance</li> </ul>	<ul style="list-style-type: none"> <li>• PCA required</li> </ul>
<b>Emergency Water</b>	<ul style="list-style-type: none"> <li>• Substantial threat to public health/welfare/property</li> <li>• Tribal/Governor request required</li> <li>• Human consumption</li> <li>• Contaminated source limited to 30 days of assistance</li> <li>• Drought Assistance - Community/State buys, loads, and distributes</li> </ul>	<ul style="list-style-type: none"> <li>• Filtration/transportation/pipeline/bottled water</li> <li>• Construction of wells: drought assistance only- Applicant reimbursement required</li> </ul>	<ul style="list-style-type: none"> <li>• HQUSACE designates drought areas</li> <li>• HQ approval required for Drought Assistance</li> <li>• MSC approval for Contaminated Source</li> </ul>
<b>FCW Rehabilitation</b>	<ul style="list-style-type: none"> <li>• Active flood control structures damaged/destroyed by flood or coastal storm</li> <li>• Federally authorized/constructed Hurricane Shore Protection Project (HSPP)</li> <li>• Favorable Benefit to Cost Ratio (BCR)</li> <li>• Deficient/deferred maintenance is sponsor's responsibility</li> </ul>	<ul style="list-style-type: none"> <li>• Repair/restoration of a flood control structure to pre-disaster level of protection</li> <li>• Different criteria for HSPP</li> </ul>	<ul style="list-style-type: none"> <li>• Rehab of non-Federal cost shared 80/20</li> <li>• Rehab of Federal FCWs at 100% Federal Cost</li> <li>• PCA Required</li> <li>• Sponsor provides land, easements, borrow, row, etc.</li> </ul>

# San Francisco District POC

- San Francisco District EOC Hotline (415) 289-3099
- LTC John C. Morrow, SPN Commander and District Engineer, (415) 503-6700
- Mike Dillabough, Operations & Readiness Division Chief, (415) 503-6770 [michael.a.dillabough@usace.army.mil](mailto:michael.a.dillabough@usace.army.mil)
- Duke E. Roberts, Readiness Branch Chief, (415) 289-3080 [duke.e.roberts@usace.army.mil](mailto:duke.e.roberts@usace.army.mil)
- Bijan Nooranbakht, Flood Control & Coastal emergencies (FCCE) Program Manager, (415) 289-3077 [bijan.nooranbakht@usace.army.mil](mailto:bijan.nooranbakht@usace.army.mil)
- John Cheng, Inspection of Completed Works (ICW) Program Manager, (415) 289-3078 [john.c.cheng@usace.army.mil](mailto:john.c.cheng@usace.army.mil)





# Stafford Act

- **Public Law (PL) 93-288, Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended by PL 100-707.**

**Authorizes all or part of the Federal Government to respond during and after a disaster at the direction of FEMA.**

- **Stafford Act provides the authority for disaster relief operations. The National Response Framework (NRF) is the mechanism used by the government to implement the provisions of this act. USACE, is responsible for Public Works and Engineering, ESF#3, under this plan.**



# ESF #3 Missions

- **Public Works and Engineering**
  - ▶ **Debris Removal and Reduction**
  - ▶ **Structural Safety Assessment**
  - ▶ **Emergency Roofing & Housing**
  - ▶ **National Water**
  - ▶ **Emergency Power**
  - ▶ **Deployable Tactical Operations System (DTOS)**
  - ▶ **Temporary Housing/ Critical Public Facilities**
  - ▶ **Temporary Roofing**
  - ▶ **Urban Search & Rescue Structures Specialist**
  - ▶ **GIS/ Mapping**
  - ▶ **Contingency Support Team**

