

**K5TIT**



Texas  
Interconnect  
Team



# D-Star in Emergency Communications

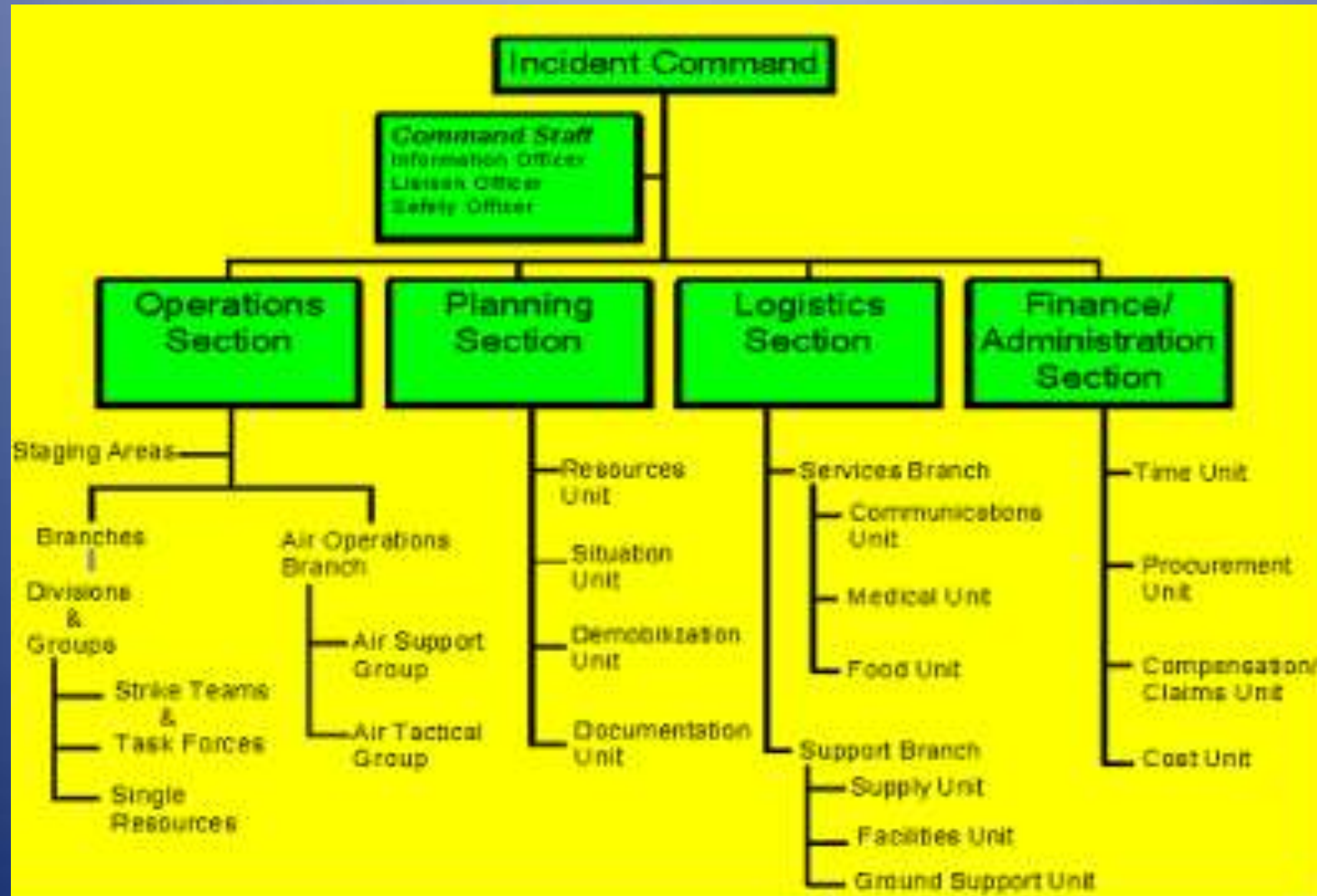
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# Incident Command System



- Operations Section
- Logistics Section
- Planning Section
- Financial/Administration Section

# Incident Command System



# “Served Agency” Needs



- Situational Awareness
- Logistics Support
- Personnel Accountability

# Situational Awareness



- D-Star GPS Interface
  - Provide locations each time you PTT
  - Mapping with D-RATS
  - GPS-A Mode Dist/Bearing to other users

# Situational Awareness



## D-Star Low Speed Data Channel

- Small Text files using D-RATS
  - Addresses
  - SAR Updates
  - Damage Assessments
  - ICS Forms (sends data only)
- Low-Res photos

# Situational Awareness



- D-Star 1.2Ghz High Speed Interface
  - Photographs – Ground and Aerial
  - Damage Area Maps from field
  - Web EOC Updating
  - Email
  - Word Documents
  - Spreadsheets



# Logistics Support



- D-Star 1.2Ghz High Speed Interface
  - Complex Resource Ordering (ICS-213's)
  - Detailed Resource Lists
  - Scheduling Information
  - IAP
  - Resource Arrival Details

# Personnel Accountability



- D-Star 1.2Ghz High Speed Interface
  - ICS -203 Organization Assignments
  - ICS-204 Assignment Lists
  - ICS-207 Incident Organization Plan
  - ICS-211 Incident Check-In Lists

# Personnel Accountability



- D-Star Slow Speed Interface
  - Automatic Unit ID (Tactical Calls)
  - Automatic Position with each PTT
  - D-RATS Updates of Forms

# Summary



- D-Star is not wide spread
- D-Star is not the answer to everything
- D-Star is just another tool
- Think Outside the Box