# DCS Technical Team

*"All bands all the time"*
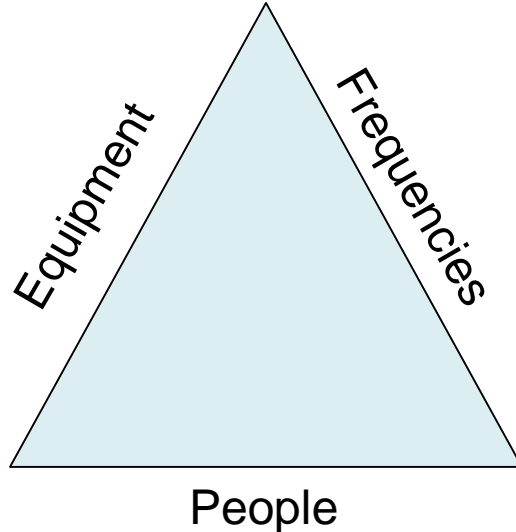
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# DCS Technical Team Scope

- **Primary function of the DCS Technical Team**
  - Hands-on support to CFMB
  - Recommend resolutions to day-to-day technical issues
  - First contact to recommend equipment and frequency resolutions for DCS operations

Equipment / Frequencies / People (triangle diagram)

- **What that means is**
  - The Technical Team is responsible for guiding 2 of the 3 primary elements to provide disaster communications to LA County

# Startup Actions

- Set-up mechanism to collaborate online
  - Some face to face meetings but more frequent interaction online to minimize driving
  - Something free like Google Hangout for video discussions
  - Team web site available to publish and store working documents
- Identify if you are a member of the recognized frequency management organizations
  - Twin-Band Area Spectrum Management Association (TASMA)
  - 220 Spectrum Management Association (220 SMA)
  - Southern California Repeater and Remote Base Association (SCRRBA)
  - We intend to comply with the accepted band plans for our future frequency plans
  - Our rep should provide us information and protect DCS interests
- Identify if you are a member of other amateur radio disaster communications organizations relevant to the County, e.g.,
  - ARRL Emergency Service (ARES)
  - American Red Cross
  - Military Auxiliary Radio System (MARS)

# Initial Tasks

- Confirm the right membership to cover County wide technical needs
  - We have a fairly good geographic distribution with the 9 members
- Assign each Station to a specific team member, so the Station personnel know who their representative is
  - In the next few days
- Publish an org chart with responsibilities with back-up persons identified for each member
  - Pending above task
- Generate an on-line database of all DCS equipment and its status, e.g. needs repair, missing, etc
  - Post the previous equipment inventory
  - Rick is initiating an update as the starting position for the Technical Team
- Collect an initial list of all current outstanding technical needs and issues for County-wide DCS operations
  - Identify equipment and frequency issues in conjunction with DCOs
  - District capability should include the ability to communicate with contract/contract city radio organizations as well as the County

# Follow-on Tasks

- Maintain and publish an on-line priority list of outstanding technical needs and issues for ALL County-wide DCS operations.
- Maintain an accurate on-line list of all DCS physical equipment and its status, including serial numbers, physical location, etc.
- Report regularly to CFMB staff and DCS Executive Staff on technical issues and needs
- Assign a member to regularly participate in the Amateur Radio frequency management organizations; TASMA, SCRRBA, 220SMA.
- Review after-action reports to help resolve technical issues and make recommendations
- Maintain the full county DCS frequency matrix, and recommend changes as needed. Generate a new concise tactical frequency naming convention.
- Recommend, research and document equipment to CFMB for purchase when needed
- Other tasks as assigned by CFMB