

Firescope Task Force Meeting
Arcadia, California
September 27, 1977

Members Present: Keith Metcalfe, CDF
Jim Lewis, L.A. Co.
Jim Smith, Ventura Co.
Chuck Mills, USFS

Others Present: George Lund, Ventura Co.
Larry Lippert, CDF
Terry Haney, SDC

Task Force Membership Change

Jim Smith announced Ventura County's replacement on the Task Force will be George Lund effective October 27, 1977.

Communications Systems, Short and Long Term

Microwave

Keith addressed CDF, L.A. City and County's meeting pertaining to their use of state microwave during 1978. Both agencies wanted a quick-call capability and stated the program office should pay for the complete cost. Irwin is to evaluate this concept and transmit these wishes to Firescope communication group. Charlie Columbro to submit first year cost to Program Manager by October 1, 1977.

Communications Design

1. Invite OT (Office of Telecommunications) staff to give briefing on communication design to:
Task Force and Communications Committee.
2. Task Force and Communications Committee form a sub-group to analyze and prepare a summary briefing on the OT communications design.
3. Provide summary briefing on major elements and costs for OPS team and BOD.
4. After OPS Team/BOD review and approve, communication committee to develop communication implementation plan with Task Force and Program Manager.

Comm 6

\$4000

Short term 1978-1979 fire seasons.

1. Review and complete priority changes recommended earlier.
 - A. ✓ Upgrade Syncom #10 to 50 W.
 - B. Change over scanning capability to transceivers.
 - C. ✓ Install cavities for frequent separation.
 - D. ✓ Install Syn. scanner adjacent to Syncom #10 with external antenna.
 - E. ✓ Modify consoles' labels for frequent changes.
 - F. Re-crystal transceivers for C-2 cache.
 - G. ✓ Purchase and install new telephone systems for Comm 6 (BCS-50).
 - H. Purchase telecopier for Comm 6. *lease*
 - I. ✓ Review and make internal modifications to reduce noise problems. *investigate*

Comm 3

1. ^{OES} Install telephone system (new BCS-50 or comparable).
2. ✓ Install Syncom #10 and A,P + scanner.
3. ^{OES} Review existing frequency assignments. Order new crystals as required.
4. ^{OES} Replace existing radios with new OES equipment.
5. Purchase and install telecopier. *lease*
6. Study need for cavities.
7. Upgrade OES Comm #3 tractor radio.

Inter-Agency (near term) Systems

Possible solutions.

1. Obtain Syn. radio/scanner combinations for use in partner agencies' vans or command vehicles.
2. Develop frequent use plan for OES inter-system and white frequencies.
3. Look to possible use of other frequencies (out of F/S region on short-term basis.
4. Look into replacement repeater for use with Firemars H/T's. Obtain additional and better H/T's for use in Firemars system. Develop a better cache by 1978.
5. Request continued assignment of FS C-2 cache to FS region.
6. Vans (communications).
 - A. Evaluate interior designs and recommend design for first van (OES, LFD, LAC, OT, SDC by 7/1/78.)

MACS/OCC

1. Intercom
 - A. Install intercom system.
 - B. Develop procedures and train for use.
 - C. Evaluate use in 1978.
2. OCC Telephone System
 - A. Complete study for intergrated phone system.
 - B. Install system.
3. SITSTAT
 - A. Determine necessary changes needed to improve communications for Sitstat use:
 - Red Net
 - Green Phone
 - Microwave Intercom (F/S Region Net)
 - Positive Radio Monitoring System.

4. Terminals-Programs

- A. Obtain portable terminal to use at incidents.
- B. Obtain CRT terminal with printer for use in Sitstat.
- C. Obtain hard copy terminals (ASR) for use in partner agency dispatch centers on affirms (WX, mod & status).
- D. Implement status keeping system between OCC and partner agencies.

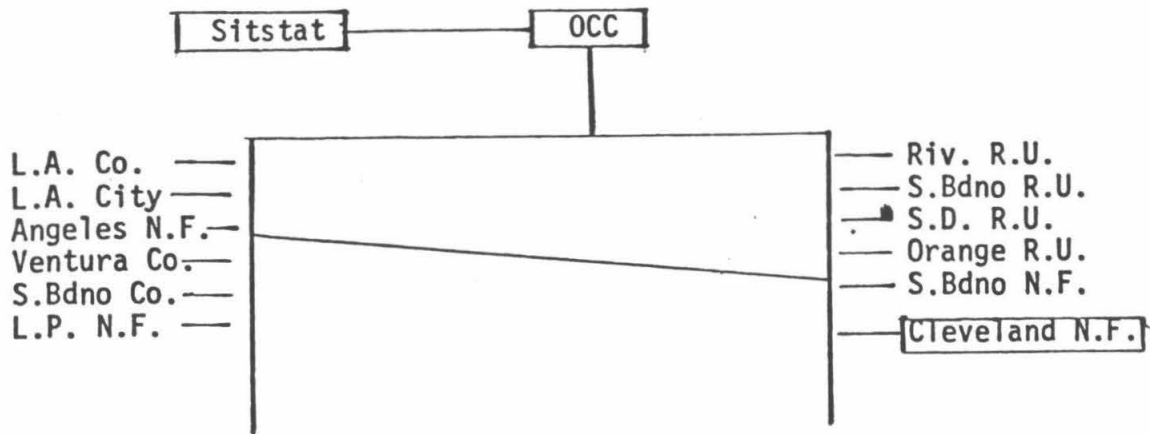
5. OCC operations evaluation

- A. Task Force take lead in evaluating 1977 OCC operations and develop recommendations for 1978 changes.

6. Modeling

- A. Initial attack effectiveness modeling on Angeles N.F.
 - 1. Establish Angeles N.F. Env. and resource data base.
 - 2. Develop procedures for use.
 - 3. Train personnel (both ends).
 - 4. Run system on test basis.
 - 5. Evaluate and recommend changes.
- B. Continue to use and evaluate spread model.
 - 1. Initial attack.
 - 2. Firecast
 - (a) Study station locations.
 - (b) Inter-tie Met net with fire modeling program.
 - (c) Study need to run firecast on actual and predicted WX.
 - (d) Consider influence of un-seasonal WX, drought, etc.

Task Force interpretation of proposed state microwave system to inter-tie partner agencies.



Recommend

Closer interactions between communications committee and task force.

Chuck Mills
Chuck Mills
Task Force Chairman

CM:bab