

AGENDA

Communications Advisory Committee

Date: July 10, 2007
Time: 1:00 P.M.
Place: Regional Fire Training Center Library
1220 Fire Science Lane
Modesto, California 95351

I. CALL MEETING TO ORDER

- 1.1 Welcome and Instructions by the committee chairperson
- 1.2 Roll Call

II. APPROVAL OF CONSENT CALENDAR

Items on Consent Calendar may be pulled from the Consent Calendar and discussed at the request of a Director.

- 2.1 Approval of Agenda - Approval of June's meeting agenda.
- 2.2 Approval of Minutes - Review and approval of minutes from June's meeting.

III. PUBLIC COMMENT PERIOD

- 3.1 As necessary

IV. AGENDA ITEMS

- 4.1 Discuss the Countywide Apparatus Numbering document (update).
- 4.2 Discuss the CAD implementation (update).
- 4.3 Discuss the programming of the new Motorola XTS-2500's.
- 4.4 Discuss MDC Signaling for programming radios.
- 4.5 Discuss the Countywide Radio Maintenance Agreement (update).
- 4.6 Discuss the regional RMS system (update).
- 4.7 Discuss Fire Frequency Sharing
 - Discuss the timeline for development, training, and implementation.
 - Discuss the implementation at SR-911.
 - Discuss the Fire Frequency Sharing Work Plan / Issues Document.
- 4.8 Discuss the CP-90 Users Group.

V. ANNOUNCEMENTS

- 5.1 Next Regular Scheduled Meeting.

VI. CORRESPONDENCE

6.1 No correspondence submitted.

VII. ADJOURNMENT

**Communications Advisory Committee Meeting Minutes
06.12.07**

Members in attendance:

- **Chad Homme – Salida Fire District**
- **Dale Skiles – Salida Fire District**
- **Steve Hall – Patterson/West Stanislaus Fire District**
- **Gary Skiles – Salida Fire District**
- **Lisa Byrne – SR911**
- **Mike Kraus – Modesto Fire Department**
- **Ray Jackson – Fire Warden’s Office**
- **Kevin Wise – Oakdale City Fire Department**
- **Steve Mayotte – Stanislaus Consolidated Fire District**

I. Discussed the Countywide Apparatus Numbering Document

- a. **County Fire Chiefs Association has adopted. Will be implemented July 1st thru July 15th for Modesto City Fire.**
- b. **Discussion as to who will contact agencies to notify that change is coming.**
- c. **At SR-911, Lisa Byrne will coordinate training and signing off personnel on the new numbering system.**

II. Discussed Fire Frequency Sharing

- a. **Suggestion has been made to discuss the costs of Fire Frequency Sharing in OTAC. What are costs to individual agencies, etc.**
- b. **On the tentative programming list for radios, it has been suggested to move White 2 to #13, White 3 to #14, Calcord to #15 and Inter-Op to #16.**
- c. **At SR-911, it will take five more people to staff. This is one more position, 24x7 coverage).**

- d. Suggestion has been made to ensure SR-911 is aware of staffing requirements. We will continue to raise this in OTAC and get this on the agenda.**
- e. Concerns were expressed that calls may be delayed to to stacking up on one dispatch channel.**
- f. Concerns were also expressed for stacking up long lists of tones that can delay dispatches. There is effort by agencies to shorten the dispatch tones.**
- g. Suggestion has been made to discuss the potential delays with one dispatch channel with other agencies.**
- h. Frequency use agreements will need to be coordinated with the agencies that will have frequencies that will be used as part of Fire Frequency Sharing.**
- i. Discussion over channel 1 and channel 16 being programmed the same on portable radios. It was indicated that the proposed plan is only a suggestion, and agencies can change the programming as they see fit for their agencies.**

III. Discuss the Master Frequency List

- a. Suggestion has been made to add Oak Valley Hospital to the list. Will coordinate with Oakdale City to get these frequencies added to the list.**

- b. Agencies are advised to verify this programming list.
Some of the State and Federal agencies receive and transmit frequencies had been reversed.**
- c. The State's TravelNet frequency is no longer in use. It has been replaced by CESRS. Please ensure that agencies are aware of this change.**
- d. Suggestion was made to post Master Frequency List online on web site. Further research has determined it must be stored securely, so cannot be posted on the public web site.**
- e. Although every effort has been made to ensure this list is as accurate as possible, there will be periodic updates.**

IV. Countywide Radio Maintenance Contract

Question and answer period. No notes.

V. Countywide Communications Coverage Study

- a. Discussed county proposal.**
- b. Gave Power Point Presentation.**
- c. Question and answer period. No notes.**

VI. Discussed the Interoperability/Replacement Project

- a. Gave updated on Fire ACT grant.**
- b. No new status to report.**

VII. CAD System Update

- a. Discussed contract, still in negotiation stages.**

b. Explained Fire to RMS interfaces (Bio-Key and Firehouse).

VIII. Discussed the Communications Survey Report.

a. Discussed the findings.

b. No questions, nothing further.

IX. Discussed Future Meeting Topics.

**It was determined that Communications Advisory Committee
will be the working group for Fire Frequency Sharing.**



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July 4, 2007

Stanislaus County Fire Agencies,

The Stanislaus County Fire Chief's Association has adopted the "Fire Apparatus Numbering System" policy as a countywide standard. This policy sets the standard for all fire agencies within Stanislaus County.

The City of Modesto Fire Department has chosen to implement the new Fire Apparatus Numbering System effective July 17, 2007. On that date, all apparatus and equipment from Modesto City Fire will follow the new numbering scheme.

Also, effective July 17, 2007, all of the agencies within Stanislaus will be switched over to the new Water Rescue numbering system. The new designators for Water Rescue units within the county are as follows:

- WR01 – Modesto
- WR02 – Ceres
- WR03 – Hughson
- WR04 – Oakdale Rural
- WR05 – Oakdale City
- WR06 – Patterson
- WR07 – Salida
- WR08 – Stanislaus Consolidated (Stn 34)
- WR09 – Stanislaus Consolidated (Stn 36)

Attached to this memo, you will find a copy of the numbering system that is being implemented. All remaining equipment (besides Water Rescue) will be changed over to the new numbering system when the new CAD system is implemented (estimated April 2009).

If you have any questions in regards to the new apparatus numbering or need assistance, please contact Chad Homme.

Chad Homme
Stanislaus County Fire Communications Coordinator

Stanislaus County Radio ID Plan

Plan:

Due to the fact that the dispatch radio console does not recognize alpha characters and is limited to 4 characters maximum, we have a total of 9,999 total ID's we can use for radio identification. We plan to use the same number for MDC1200 Signaling and for P25 digital ID's in the future, making it easy to migrate to digital in the future and allows us to only have one data base for both MDC and P25 ID numbers. Below is a proposed plan for dividing the radio ID numbers. Please review the plan and number of ID's signed to each agency. Let me know of any mistakes or if there are not enough ID numbers for a department or agency.

Over all Plan:

| Dept. | MDC HEX ID | P25 DEC. ID |
|------------------------|-------------------|--------------------|
| All Fire | 1 - 3,000 | 1 – 12,288 |
| Modesto PD | 3,001 – 4,000 | 12,288 – 16,384 |
| Sheriff | 4,001 – 6,000 | 16,385 – 24,576 |
| Local Government | 6,001 – 7,000 | 24,577 – 28,672 |
| Other Agencies & Spare | 7,001 - 9,999 | 28,873 – 39,321 |

Plan Details:

| Agency | MDC HEX ID | P25 DEC. ID | Total # |
|--------------------------------|-------------------|--------------------|----------------|
| All Stan. Co Fire Depts | 1 - 3000 | 1 - 12,288 | 3000 |
| Modesto | 1 - 500 | 1 – 1,280 | 500 |
| Burbank-Paradise | 501 - 550 | 1,281 – 1,360 | 50 |
| Ceres | 551 - 750 | 1,360 – 1,872 | 200 |
| Consolidated Fire | 751 – 950 | 1,873 – 2,384 | 200 |
| Denair | 951 – 1,000 | 2,385 – 4,096 | 50 |
| Hughson | 1,001 – 1,050 | 4,097 – 4,176 | 50 |
| Keyes | 1,051 – 1,100 | 4,177 – 4,352 | 50 |
| Mountain View | 1,101 – 1,150 | 4,353 – 4,608 | 50 |
| Oakdale City | 1,151 – 1,250 | 4,609 – 4,688 | 100 |
| Oakdale Rural | 1,251 – 1,350 | 4,689 – 4,944 | 100 |
| Salida | 1,351 – 1,550 | 4,945 – 5,456 | 200 |

Stanislaus County Radio ID Plan

| | | | |
|---------------------------|----------------------|------------------------|-------------|
| Turlock Rural | 1,551 – 1,600 | 5,457 – 5,632 | 50 |
| El Solyo | 1,601 – 1,650 | 5,633 – 5,712 | 50 |
| Westly | 1,651 – 1,700 | 5,713 – 5,888 | 50 |
| Patterson | 1,701 – 1,800 | 5,889 – 6,144 | 100 |
| Crowslanding | 1,801 – 1,850 | 6,145 – 6,224 | 50 |
| Newman | 1,851 – 1,900 | 6,225 – 6,400 | 50 |
| Westport | 1,901 – 1,950 | 6,401 – 6,480 | 50 |
| Woodland | 1,951 – 2,000 | 6,481 – 8,192 | 50 |
| Warden/OES | 2,001 – 2,100 | 8,193 – 8,448 | 100 |
| Spare | 2,101 – 3,000 | 8,449 – 12,288 | 900 |
| Modesto PD | 3,001 – 4,000 | 12,289 – 16,384 | 1000 |
| Patrol Portables | 3,001 – 3,300 | 12,289 – 13,056 | 300 |
| Patrol Mobiles | 3,301 – 3,400 | 13,057 – 13,312 | 100 |
| Detectives Portables | 3,401 – 3,500 | 13,313 – 13,568 | 100 |
| Detectives Mobiles | 3501 – 3600 | 13,569 – 13,824 | 100 |
| Street Crimes | 3601 – 3700 | 13,825 – 14,080 | 100 |
| Administration | 3701 – 3750 | 14,081 – 14,160 | 50 |
| Gang Task Force | 3751 – 3800 | 14,161 – 14,336 | 50 |
| Traffic | 3801 – 3850 | 14,337 – 14,416 | 50 |
| Stan Cat | 3851 – 3900 | 14,417 – 14,592 | 50 |
| Swat | 3901 - 3950 | 14,593 – 14,672 | 50 |
| Spare | 3951 – 4000 | 14,673 – 16,384 | 50 |
| Sheriff | 4001 - 6000 | 16,385 – 24,576 | 2000 |
| Adult Parole | 4001 - 4050 | 16,386 – 16,464 | 50 |
| BAS | 4051 - 4100 | 16,465 – 16,640 | 50 |
| Jail Alternatives | 4101 - 4150 | 16,640 – 16,720 | 50 |
| Public Safety Center | 4151 – 4250 | 16,721 – 16,976 | 100 |
| Men's Jail | 4250 - 4350 | 16,977 – 17,232 | 100 |
| Honor Farm | 4351 – 4450 | 17,233 – 17,488 | 100 |
| Court Services | 4450 – 4500 | 17,489 – 17,664 | 50 |
| Civil Division | 4501 - 4550 | 17,665 – 17,744 | 50 |
| Coroner's Division | 4551 – 4600 | 17,745 – 17,920 | 50 |
| Hughson Police Services | 4601 – 4700 | 17,921 – 18,176 | 100 |
| Patterson Police Services | 4701 – 4800 | 18,177 – 18,432 | 100 |
| Riverbank Police Services | 4801 – 4900 | 18,433 – 18,688 | 100 |
| Waterford Police Services | 4901 – 5000 | 18,689 – 20,480 | 100 |
| Salida Sub-Station | 5001 – 5050 | 20,481 – 20,560 | 50 |
| Denair Sub-Station | 5051 – 5100 | 20,561 – 20,736 | 50 |

Stanislaus County Radio ID Plan

| | | | |
|--------------------------|--------------------|------------------------|-------------|
| SOC | 5101 – 5400 | 20,737 – 21,504 | 300 |
| Detectives | 5401 – 5500 | 21,505 – 21,760 | 100 |
| SWAT | 5501 – 5550 | 21,761 – 21,840 | 50 |
| Woodward Reservoir | 5551 – 5600 | 21,841 – 22,016 | 50 |
| Modesto Reservoir | 5601 – 5650 | 22,016 – 22,096 | 50 |
| Explorer Post | 5651 – 5700 | 22,097 – 22,272 | 50 |
| Administration | 5701 – 5750 | 22,273 – 22,352 | 50 |
| Command Vehicles | 5751 – 5800 | 22,353 – 22,528 | 50 |
| SDEA | 5801 – 5900 | 22,529 – 22,784 | 100 |
| Newman Police Services | 5901 - 6000 | 22,785 – 24,576 | 100 |
| Local Governments | 6001 - 7000 | 24,577 – 28,672 | 1000 |
| Modesto City | 6001 - 6500 | 24,576 – 25,856 | 500 |
| Stan Co. | 6501 - 7000 | 25,857 – 28,672 | 500 |
| Other Agencies | 7001 - 8000 | 28,673 – 32,768 | 1000 |
| Turlock City | 7001 - 7250 | 28,673 – 29,264 | 250 |
| Oakdale City | 7251 - 7500 | 29,265 – 29,952 | 250 |
| San Joaquin County | 7501 - 7750 | 29,953 – 30,544 | 250 |
| Merced County | 7751 – 8000 | 30,545 – 32,768 | 250 |
| Spare | 8001 – 9999 | 32,769 – 39,321 | 2000 |



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Stanislaus County Fire Frequency Implementation Plan

TENTATIVE TARGET IMPLEMENTATION DATE: NOVEMBER 7TH, 2007

| SECTIONS |
|---------------|
| A. RADIO |
| B. CAD |
| C. OPERATIONS |
| D. CUTOVER |

A. RADIO:

Items that need to be accomplished:

1. Programming of mobiles and portables with standardized channel list to include all command and tactical frequencies.
2. Program all alerting receivers/transceivers to operation on County Fire Channel one.
3. What frequency will the man-down signal transmit on (MDC 1200 signaling)? Will this be a universal change or deviate from agency to agency? Currently MFD is the only agency using this technology. **MDC Signaling will take place on County Fire 1 (per Kurt Kline).**
4. MFD tone paging plan needs to be integrated with the County fire paging plan. Need to confirm whether any of the current MFD tones will conflict with current county tones.
5. Re-programming of Dispatch Orbacom Consoles.

Suggestions:

1. Complete revision of the county paging plan to allow for group/agency calls, county wide all call and avoiding use of extreme high and low tones that we have now which will allow transmitting equipment to function more efficiently

Comments:

1. Will we need additional suitcases for command channel frequencies?

TENTATIVE FREQUENCY PLAN:

| # | New Name | Tx Freq | Tx PL | Rx Freq | Rx PL |
|----|-----------------------|---------|-------|---------|-------|
| 1 | Dispatch - Co Fire 1 | 153.770 | 123.0 | 153.770 | 123.0 |
| 2 | Command 2 - Co Fire 2 | 154.055 | 123.0 | 154.430 | 123.0 |
| 3 | Command 3 - New Freq | 153.875 | 343 | 151.010 | 343 |
| 4 | Command 4 - New Freq | 156.090 | 464 | 155.085 | 464 |
| 5 | Command 5 - White 1 | 154.280 | 123.0 | 154.280 | CSQ |
| 6 | Command - MFD 1 | 154.145 | 123.0 | 155.940 | 123.0 |
| 7 | Tac 7 - MFD 2 | 154.370 | 123.0 | 154.370 | 123.0 |
| 8 | Tac 8 - MFD 3 | 153.905 | 123.0 | 153.905 | 123.0 |
| 9 | Tac 9 - OFD | 154.325 | 123.0 | 154.325 | 123.0 |
| 10 | Tac 10 - Co Fire 3 | 153.890 | 123.0 | 153.890 | 123.0 |
| 11 | Tac 11 - MFD New | 154.415 | 131 | 154.415 | 131 |
| 12 | Tac 12 - TFD | 154.190 | 123.0 | 154.190 | 123.0 |
| 13 | Tac 13 - White 2 | 154.265 | 123.0 | 154.265 | CSQ |
| 14 | Tac 14 - White 3 | 154.295 | 123.0 | 154.295 | 723 |
| 15 | Tac 15 - Calcord | 156.075 | 123.0 | 156.075 | CSQ |
| 16 | Tac 16 - Inter-Op | 151.115 | 723 | 159.015 | 723 |

B. CAD:

1. Re-programming of FIRE-RESP.odd to incorporate new tones for MFD. FIRE-RESP.odd is the application that sends the tone string to Orbacom. Modifying this application and copying over to CADLIVE will require a CAD restart.
2. Re-programming of CADI.inc to re-direct all fire incidents to appropriate fire CAD terminal. What terminal will this be (FD01, FD02 or FD03)?

Comments:

Suggestion #1 under the radio portion might create a large amount of work for run-cards if the alias tone table is modified.

PAGER.sfl is the data file that stores the conversion table for CAD. It translates the tones in CAD to the single button page in Orbacom (i.e. 1577 = single button page 046).

C. OPERATIONS:

1. Policies and Procedures – New fire dispatch procedures outlined.

Once the original incident is dispatched on the command channel, does the CAD incident remain assigned to the original CAD dispatch terminal or is it re-directed/reassigned to the assigned command channel dispatch terminal?

2. Additional Staff – 5 additional persons to staff a third fire position.
3. Training – MFD has began a training document and Chief Kraus will supply us with a copy.

Four hour training to be accomplished in a current training day or separate for both A and B squads and possibly a make-up day.

Suggestions:

Comments:

Modify the Shift Managers Red Book with proper procedures and a new position book will be required at the dispatch position.

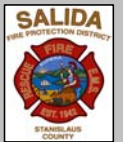
D. CUTOVER:

1. Operations –
 - a. Extra fire dispatchers that day
 - b. Fire resource officer on duty that day
2. Technical –
 - a. CAD Restart – Copy over images to CADLIVE (IDDSP.exe, ISTART.exe, ISTARDEXE.exe and ILOAD.exe)



Salida Fire Protection District

Communication Coordinator's Fire Frequency Sharing Work Plan



Projects in Development

| Issue Name | Brief Description | Date | Assigned | Updates / Comments | Required Actions |
|--------------------------------|---|------|----------|--|---|
| Local Government 3 | LG-3 cannot be used in EOC. Something to do with antenna position May be Tait capacity limitation. | | | Need to get with Kurt to get information and then meet with Mike Krauss and Alan Legardo | |
| MFD-3 and Escalon PD | MFD-3 was licensed to Escalon PD. Coverage may conflict. | | | Need to get with Kurt to get information on who contacted, who set it up, etc. | Set up meeting with Mike Krauss to explain how this came about. |
| Poor coverage in Mall | MFD has no radio coverage within the mall. | | | Suggestion is a radio test of County Fire 1 and County Fire 2 in the mall. | 7/12/07 - Testing to be performed in mall. |
| CMD-3 and CMD-4 | New frequencies | | | Verify if these have been turned on yet at repeater. | Also, BDA is being installed in mall (will verify on what frequencies) |
| Remove County Fire 1 Transmit | Suggestion has been made to make Co Fire 1 only a receive frequency and then users will come up on CMD to acknowledge dispatch. | | | Will raise this issue in the Communications Advisory Committee meeting. | 7/12/07 - Both frequencies have been turned on at the Mt. Oso location and are operational. |
| Poor coverage on I-5 Corridor | West Stan has raised the issue that coverage is poor along the I-5 corridor | | | | 7/12/07 - MDC Signaling will take place on County Fire 1, so we cannot remove transmit capabilities from County Fire 1. |
| Poor coverage in Diablo Grande | West Stan has raised the issue that coverage is poor in the Diablo Grande area. | | | | |