



**San Diego County – Imperial County
Regional Communications System**

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**NEXTGEN RCS BOARD OF DIRECTORS MEETING
MINUTES OF THE MEETING**

SAN DIEGO COUNTY – IMPERIAL COUNTY
BOARD OF DIRECTORS

Wednesday, April 10, 1:00 p.m.

COUNTY OPERATIONS CENTER
5500 OVERLAND AVENUE, ROOM 120
SAN DIEGO, CALIFORNIA 92123

Meeting was called to order at 1:02 p.m.

PRESENT: Directors Bill Paskle, Chair; Holly Porter, Vice Chair; Jose Tellez; Henry Tsui; Peter Callewaert; Brett Van Wey.

AGENDA ITEMS

1. Roll Call and Determination of Quorum - The following Directors were in attendance and a quorum was established:

Chief Jose Tellez, San Diego County Police Chief's and Sheriff's Association

Mr. Henry Tsui, Caltrans

Ms. Holly Porter, County of San Diego

Commander Peter Callewaert, San Diego County Sheriff's Department

Chief Brett Van Wey, San Diego County Fire Chiefs' Association

Chief Bill Paskle, San Diego County Fire Chiefs' Association

2. Welcome and Introduction - Chief Paskle welcomed the group.
3. Purpose of the meeting is to conduct the business of the NextGen RCS Board of Directors.
4. Approval of the NextGen RCS Board of Directors' Minutes for the Meeting of February 6, 2019.

NextGen RCS Board of Directors

SAN DIEGO COUNTY - IMPERIAL COUNTY

*Chief Bill Paskle, Alpine Fire Protection District (Chair) - Holly Porter, OES, County of San Diego (Vice Chair)
Commander Peter Callewaert, San Diego County Sheriff's Department - Chief Jose Tellez, National City Police Department -
Blair King, City of Coronado - Chief Bret VanWey, San Marcos Fire Department
Henry Tsui, Caltrans - Tony Rouhotas, IVECA - Chief Chuck Peraza, IVECA*

ACTION:

ON MOTION of Commander Callewaert, seconded by Chief VanWey, the Board of Directors approved the Minutes for the Meeting of February 6, 2019.

AYES: Directors Bill Paskle, Chair; Holly Porter, Vice Chair; Henry Tsui; Jose Tellez; Peter Callewaert; Brett Van Wey.

5. Public Comments - There were no public comments.

6. Revenue/ Billing Update (February-March 2019)

6.1 Network Operating Cost (NOC) Billing and Revenue - See attachment

6.2 Trust Fund Balance - See attachment

7. Network Operations Update

7.1 Monthly Reports (February-March 2019) – Mr. Brooks reported on behalf of Mr. Root the following updates:

February 2019: 3.1 million conversations with 133 busies. There was one incident to report for February.

The North Simulcast site at San Marcos Mountain has been experiencing commercial power fluctuations, which in turn has impacted the surge protection and UPS. This has caused the site to drop offline. We have worked with the building owner and SDG&E to resolve the power problems.

March 2019: 3.2 million conversations with 52 busies. There were two incidents of note.

On March 12th, the Dispatch Console router at Lake San Marcos Peak failed at 1157, impacting Oceanside, Carlsbad, and Northcom. Router was restored to service by 1300.

On March 13th, technicians noted that the antenna system at Birch Hill has been damaged (water in the antennas & feedlines). Antenna was repaired the following day.

8. Administrative Update

8.1 Grants Update – Mr. Brooks reported the following updates:

2016 UASI Grant: All 11 RCS Dispatch centers have completed console installation and are compatible with the NextGen system.

2017 UASI Grant: Two dispatch centers are implementing microwave connectivity to the RCS, La Mesa and Coronado. La Mesa's equipment has been installed, tested and dispatch has

transitioned off leased circuit to microwave and working on final documentation with vendor. Coronado has completed design work and estimated completion date by late September.

2018 UASI Grant: Grant funding to be used to interface regional VHF system with RCS dispatch centers. Working on County BOS board letter for acceptance of funds and working with vendor to finalize scope of project.

2019 UASI Grant: Grant funding pending approval to cover staff augmentation for NextGen engineering and planning for the period of January - June 2020.

8.2 Training Update – Ms. Pia reported on behalf of Ms. Dorame the following training updates:

There were 38 classes completed with 614 people trained to date. The first set of NextGen sessions in February went well. 50 people have enrolled and ended with 95 people that attended the training. The video vignettes have been completed and one was used in the April information sessions. The video vignette will be available on the website and will be included in the classes as well.

Ms. Dorame is working with Imperial County Emergency Communications Project Coordinator, Mark Schmidt, to roll out the Imperial County NextGen Sessions in late May or early June.

9. Major Projects Update

9.1 RCS Site Projects Status - Mr. Brooks reported the following updates for the 2018/2019 projects:

Site Updates:

Generator replacement: There are 5 generator replacements to be completed for the RCS sites in San Miguel, White Star, Superstition, Alpine and Rattlesnake. County Department of General Service (DGS), who maintains and manages the replacement of RCS generators, has completed site visits to all five sites and provided spend plans. The generator for Rattlesnake is on order and should be completed by end of this fiscal year. County DGS is still working on a project schedule for the four remaining sites.

Battery replacement project: Updated RFB to be released this month; vendor anticipated to be on contract by June.

48Vdc power system replacement project: Completed installation testing and documentation on 27 sites. This was the replacement of power systems that were put in place during the initial RCS installation.

RCS cache replacement: This is a project to update all RCS cache radio to P25 phase II by January 2022. The 270 radios were broken into three purchases of \$400,000 each year. The 118 APX6000 radios that were purchased this fiscal year have been received, programed and are ready for issue when needed.

New Sites/ Relocations:

San Onofre and Pala: Ongoing work with the NextGen project

Bunker: Developed as the georedundant master sites is nearing completion as part of NextGen project

Lake Morena: A new site development for a relay site to provide microwave connectivity into the Mt. Empire RCS communications facility currently connected utilizing leased lines. Preliminary discussions and design work have been completed working on final design and BOS board letter as Phase III site implementation.

San Ysidro: Working with County Department of Parks and Recreation (DPR) to develop County property for new RCS sites. Reduced cost and provide control over facility and future leasing rates. Completed MOU with County DPR working on Board of Supervisor board letter to fund as Phase III NextGen site development.

Otay: Working with Customs and Border Protection (CBP) for use of their tower and placement of new RCS building and generator within CBP compound on BLM property. BLM agreement in process and MOU with CBP pending BLM agreement. This relocation will reduce lease cost and provide control over facility.

Encinitas: Working with County real estate and site leasing company to obtain access to existing facility to implement Encinitas area coverage improvement RCS communications site.

Major Issues:

Encina Power Plant: Ongoing conversation with NRG regarding the timing for the demolition of the Encina Stack communication facility. Currently, the termination of lease is effective October 1, 2019 which will leave a substantial gap in coverage until the all users are migrated to the NextGen system not scheduled until end of March 2020. NRG has indicated that they are willing to work with the County but due to the magnitude of the scheduling changes they will likely need to request an extension to their required demolition completion date. WSD and NRG will be setting up a meeting with Carlsbad to discuss impact.

SDG&E Customer/ Partner Option: RCS BOD sub-committee meeting for SDG&E options did not occur due to changes in board members. In ongoing discussions with SDG&E it was determined that they are unable to do a one-time buy in as a customer on the system due to capital asset accounting requirements for a publicly traded company. The only way SDG&E could join the RCS would be as a partner agency and this would entail updating all 50 partner agency contracts and determining how to reallocate funding to reflect the reduced buy in cost. This would require a large commitment of time and resources to complete and if any of the 50 agencies could not partner with a private agency then SDG&E would not be able to become a partner agency. All or nothing on the RCS partner agreements. Although the added partner would decrease the per user cost on the RCS, the amount of effort, time and possibility of not succeeding leads WSD staff with recommendation that RCS does not peruse the process of bringing SDG&E on as a partner.

9.2 NextGen RCS Project Status – Mr. Hazlett reported all 50 Phase 2 sites are ready to go and field functional testing will start next week. Testing will validate performance of the system. Coverage testing is scheduled in May to be completed in July; a 30-day operational test to follow in August with a small group of agencies; and the big transition starts in September.

Phase 3 new construction started in San Onofre, but the construction was delayed due to weather conditions and challenges with getting electrical to the site. Scheduled completion date is targeted before the transition in September. Pala location will take a year to develop the site; this is to fill in the coverage along I-76 area. Actively looking for new sites in Solana Beach, East County and Fallbrook areas to improve coverage. Project scope, schedule and budget are all on track.

9.3 IVECA Projects- Mr. Schmidt reported progress on the Cahuilla site and communication tower has been ordered by BLM's contractor. AMR has assumed the ambulance service for Gold Cross in Imperial County. The existing Gold Cross fleet map is being utilized for communications. Meeting will be set up with Imperial County EMS and Gold Cross to discuss a new fleet map and subsequent programming through RCS with the new fleet map and transition of Gold Cross to AMR.

9.4 800 MHz Rebanding – Mr. Brooks reported on behalf of Mr. Root updates on the rebanding project. The City of San Diego and State Department of Parks & Recreation has completed their infrastructure retuning. The infrastructure portion of 800 MHz Rebanding in the Southern California public safety sector has been completed.

RCS still has roughly 9,000 radios subscriber radios under the 'Second Touch' portion of the project that will need to be reprogrammed. This effort is scheduled to start in June and will be worked in conjunction with the migration to the NextGen P25 infrastructure over the next year. WSD will soon start discussion with Sprint regarding closing out the contract for the reconfiguration of the RCS network.

9.5 First Net- Mr. Brooks reported Third Generation Partnership Project (3GPP Mobile Broadband Standards Group) released the standards for Mission Critical Push to Talk (MCPTT). Rel-13 (completed in 2016) is a high-level overview on how to interface push to talk with LTE. Rel-14 (completed in 2017) is enhancement of Mission Critical Data and Mission Critical Video and provided a general framework which facilitates standardizing additional MC Services. The Rel-14 MCVideo and MCData specifications therefore offer equipment vendors as well as network operators a consistent and fully specified set of standards, ready for initial implementation and deployment. Rel-15 (in progress) is the first release of the 5G system. In Rel-15, MC Services are further evolved, interworking between the 3GPP defined MC system and legacy systems such as TETRA or P25, for voice and short data service. The transition to widespread use of LTE-based MCPTT is expected to be a long, slow one, with land mobile radio (LMR) systems continuing to be the go-to technology for public safety voice communications for the foreseeable future.

10. Consent Agenda

10.1 Request the RCS Board approve California Department of Corrections and Rehabilitation (CDCR) Division of Adult Parole Operations (DAPO) to increase their radio limit from 130 to 150 radios.

10.2 Request the RCS Board approve new RCS Customer Agreement for La Posta Police Department for ten (10) radios on the RCS.

ON MOTION of Ms. Porter, seconded by Commander Callewaert, the Board of Directors approved the Consent Agenda.

AYES: Directors Bill Paskle, Chair; Holly Porter, Vice Chair; Henry Tsui; Jose Tellez; Peter Callewaert; Brett Van Wey.

11. Main Agenda

No action items

12. Motorola Integration Update- Motorola (Mr. Ken Nordholm) presented the Subscriber Transition Update that outlines system maps, radio migration overview flow, agency approved deployment plan and mitigation plan (see attached presentation for details).

Discussion: The RCS BOD requested for the scheduled date of cutover to be provided a week in advance, so the agencies have time to plan and disseminate information to field personnel. Three extra test channels used for coverage testing will also be available during the cutover for additional capacity. The cutover begins in August for smaller agencies and the main cutover starts in September until March 2020. Ms. Porter recommended, as part of the outreach plan, for WSD staff and Motorola to meet and

present to the San Diego County Police Chiefs and Sheriff's Association so the top command is aware of the timeline and promote training opportunities for end users. Mr. Brooks mentioned that Ms. Dorame has been working with Motorola and the agencies on the transition plan. Short video demonstrations were rolled out on how to operate the radio during cutover period.

13. Roundtable

14. End of Meeting - The meeting ended at 1:55 p.m.

Next Board of Directors Meeting is on Wednesday, July 10, 2019 at 1:00 p.m.

County Operations Center
5500 Overland Avenue, Room 120, San Diego, CA 92123