



# AGENDA

## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY ("AUTHORITY")

### BOARD OF DIRECTORS MEETING

Thursday, January 5, 2023 • 9:00 a.m.

**Microsoft Teams Meeting\* Link:** [Click here to join the meeting](#)

#### **Call-in Number for Board Members and Public:**

Public may submit a Public Comment during the meeting to the Board by accessing the Microsoft Teams Meeting Link above or by the Call-In Telephone Number below.

**Telephone Number:** (323) 886-6924

**Conference ID:** 234 283 503#

#### **AGENDA POSTED: December 29, 2022**

Complete agendas are available on the Authority's website at <http://www.la-rics.org>.

\*The procedures used for this Teleconference Meeting are governed by AB 361.

MEMBERS		ALTERNATES	
1.	<b>Fesia Davenport</b> , CEO County of Los Angeles Chief Executive Office	1.	<b>Leslie Luke</b> , Deputy Director, Office of Emergency Management County of Los Angeles Chief Executive Office
2.	<b>Anthony Marrone (Vice-Chair)</b> , Fire Chief County of Los Angeles Fire Department	2.	<b>Eleni Pappas</b> , Deputy Fire Chief County of Los Angeles Fire Department
3.	<b>Robert Luna (Chair)</b> , Sheriff County of Los Angeles Sheriff's Department	3.	<b>Brian Yanagi</b> , Chief County of Los Angeles Sheriff's Department
4.	<b>Richard Tadeo</b> , Director, EMS Agency County of Los Angeles Department of Health Services	4.	<b>Jacqueline Rifenburg</b> , Assistant Director, EMS Agency County of Los Angeles Department of Health Services
5.	<b>Phil Ambrose</b> , Battalion Chief Los Angeles Area Fire Chiefs Association	5.	<b>Vacant Seat</b> Los Angeles Area Fire Chiefs Association
6.	<b>Brian Solinsky</b> , Police Chief Los Angeles County Police Chief's Association	6.	<b>Tom Jacobs</b> , Lieutenant Los Angeles County Police Chief's Association
7.	<b>Mark R. Alexander</b> , City Manager California Contract Cities Association	7.	<b>Marcel Rodarte</b> , Executive Director California Contract Cities Association
8.	<b>David Povero</b> , Police Chief At-Large Seat #8 (City of Covina Police Department)	8.	<b>Ric Walczak</b> , Captain At-Large Seat #8 (City of Covina Police Department)
9.	<b>Mark Fronterotta</b> , Police Chief At-Large Seat #9 (City of Inglewood Police Department)	9.	<b>Cardell Hurt</b> , Captain At-Large Seat #9 (City of Inglewood Police Department)
10.	<b>Vacant Seat</b> At-Large Seat #10 (City of Signal Hill Police Department)	10.	<b>Vacant Seat</b> At-Large Seat #10 (City of Signal Hill Police Department)

OFFICERS
<b>Scott Edson</b> , LA-RICS Executive Director
<b>Arlene Barrera</b> , County of Los Angeles, Auditor-Controller
<b>Keith Knox</b> , County of Los Angeles, Treasurer and Tax Collector
<b>Susy Orellana-Curtiss</b> , LA-RICS Administrative Deputy
<b>Beatriz Cojulun</b> , LA-RICS Board Secretary



**NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA**

**I. CALL TO ORDER**

**II. ANNOUNCE QUORUM – ROLL CALL**

**III. APPROVAL OF MINUTES (A – B)**

**A. December 1, 2022 – Regular Meeting Minutes**

Agenda Item A

**B. December 13, 2022 – Special Meeting Minutes**

Agenda Item B

**IV. PUBLIC COMMENTS**

**V. CONSENT CALENDAR (C)**

**C. FINDINGS TO CONTINUE TELECONFERENCE MEETINGS UNDER AB 361 AND RELATED ACTIONS**

It is recommended that your Board:

1. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that the Board has reconsidered the circumstances of the State of Emergency due to the COVID-19 pandemic and that the State of Emergency remains active; and
2. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that local officials continue to recommend measures to promote social distancing.

Agenda Item C

**VI. REPORTS (D – G)**

**D. Director's Report – Scott Edson**

Agenda Item D

**E. Project Manager's Report – Steve Page**

Agenda Item E



**F.** Joint Operations and Technical Committee Chair's Report – No Report

**G.** Finance Committee Chair's Report – No Report

**VII. DISCUSSION ITEMS (H – I)**

**H.** Spectrum and Licensing Issues Impacting Land Mobile Radio Deployment – Ted Pao

Agenda Item H

**I.** Outreach Update – Lieutenant Robert Weber

Agenda Item I

**VIII. ADMINISTRATIVE MATTERS (J)**

**J. APPROVE AMENDMENT NO. 109 TO AGREEMENT NO. LA-RICS 007  
LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM  
LAND MOBILE RADIO**

It is recommended that your Board:

1. Approve Amendment No. 109 to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) to reflect the following:
  - a. Incorporate costs related to Phase 1 permit work at the Topanga Relay (TOP Relay) site for a cost increase in the amount of \$2,379.
  - b. Adopt an updated IMS, which would update Subsystem Acceptance dates and maintain a Final LMR System completion date of October 2023.
2. Authorize an increase to the Maximum Contract Sum in an amount of \$2,379 from \$216,020,088 to \$216,022,467 when taking the recommended actions into consideration.
3. Delegate authority to the Executive Director to execute Amendment No. 109, in substantially similar form to the enclosed Amendment (Enclosure), and issue one (1) or more Notices to Proceed as may be necessary.

Agenda Item J

**IX. MISCELLANEOUS**

**X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD**



**XI. CLOSED SESSION REPORT**

1. CONFERENCE WITH LEGAL COUNSEL –Anticipated Litigation (subdivision (d) of Government Code Section 54956.9) (2 cases).

**XII. ADJOURNMENT AND NEXT MEETING**

Regular Board Meeting on Thursday, February 2, 2023, at 9:00 a.m., via Microsoft Teams/Teleconference Meeting.



## BOARD MEETING INFORMATION

Members of the public may also address the Board on any matter within the subject matter jurisdiction of the Board. The Board will entertain such comments during the Public Comment period. Public Comment will be limited to three (3) minutes per individual for each item addressed, unless there are more than ten (10) requests for each item, in which case the Public Comment will be limited to one (1) minute per individual. The aforementioned limitation may be waived by the Board's Chair.

*(NOTE: Pursuant to Government Code Section 54954.3(b) the legislative body of a local agency may adopt reasonable regulations, including, but not limited to, regulations limiting the total amount of time allocated for public testimony on particular issues and for each individual speaker.)*

It is requested that individuals who require the services of a translator contact the Board Secretary no later than the day preceding the meeting. Whenever possible, a translator will be provided. Sign language interpreters, assistive listening devices, or other auxiliary aids and/or services may be provided upon request. To ensure availability, you are advised to make your request as soon as possible. (323) 881-8291 or (323) 881-8295.

SI REQUIERE SERVICIOS DE TRADUCCION, FAVOR DE NOTIFICAR LA OFICINA LO MAS PRONTO POSIBLE. (323) 881-8291 o (323) 881-8295.

The meeting is recorded, and the recording is kept for 30 days.



# BOARD OF DIRECTORS REGULAR MEETING MINUTES

LOS ANGELES REGIONAL  
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

**Thursday, December 1, 2022 • 9:00 a.m.**

Conducted via Microsoft Teams Meeting

## BOARD MEMBERS PRESENT

**Richard Tadeo**, Director, EMS Agency, County of Los Angeles Department of Health Services

**Mark R. Alexander**, City Manager, California Contract Cities Association

**David Povero**, Police Chief, City of Covina Police Department

**Mark Fronterotta**, Police Chief, City of Inglewood Police Department

## ALTERNATES FOR BOARD MEMBERS PRESENT

**Leslie Luke**, Director, Office of Emergency Management, County of Los Angeles Chief Executive Office

**Eleni Pappas**, Alternate Vice-Chair, Deputy Fire Chief, County of Los Angeles Fire Department

**Brian Yanagi**, Alternate Chair, Chief, County of Los Angeles Sheriff's Department

**Tom Jacobs**, Lieutenant, Los Angeles County Police Chief's Association

## OFFICERS PRESENT

**Scott Edson**, LA-RICS Executive Director

**Susy Orellana-Curtiss**, LA-RICS Administrative Deputy

## BOARD MEMBERS ABSENT / VACANT

**Phil Ambrose**, Battalion Chief, Los Angeles Area Fire Chiefs Association

**Vacant**, City of Signal Hill Police Department



**NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA**

**I. CALL TO ORDER**

Alternate Board Chair Brian Yanagi called the Regular and Special meetings of the Board to order at 9:00 a.m.

**II. ANNOUNCE QUORUM – ROLL CALL**

Administrative Deputy Susy Orellana-Curtiss took the roll and acknowledged a quorum was present for both meetings.

Alternate Board Chair Yanagi, on behalf of the Board, welcomed the new Board Member representing the Chief Executive Office (CEO), Leslie Luke, and stated he looked forward to working with him. Alternate Board Chair Yanagi went on to thank John Geiger for his service as an LA-RICS Board Member

**III. APPROVAL OF MINUTES (A)**

**A. November 3, 2022 – Regular and Special Minutes**

Agenda Item A

Alternate Board Chair Yanagi asked the Board if there were any corrections or comments to the attached Regular and Special meeting minutes. There were no corrections or comments, therefore, he asked for a motion to approve.

Board Member David Povero motioned first, seconded by Board Member Richard Tadeo.

Ayes 6: Pappas, Yanagi, Tadeo, Jacobs, Alexander, and Povero.

Board Member Leslie Luke abstained since he was not present at the last meeting. Board Member Fronterotta arrived after Agenda Item A.

**MOTION APPROVED.**

**IV. PUBLIC COMMENTS – NONE**

There was no public comment.



**V. CONSENT CALENDAR (B)**

**B. FINDINGS TO CONTINUE TELECONFERENCE MEETINGS UNDER AB 361 AND RELATED ACTIONS**

Alternate Board Chair Yanagi asked for a motion to approve Consent Calendar Agenda Item B.

Board Member Mark Alexander motioned first, seconded by Board Member Povero.

Board Member Mark Fronterotta joined the meeting and provided his vote of approval for the Consent Calendar Agenda Item B.

Ayes 8: Luke, Pappas, Yanagi, Tadeo, Jacobs, Alexander, Povero, and Fronterotta.

**MOTION APPROVED.**

**VI. REPORTS (C - F)**

**C. Director's Report – Scott Edson**

Executive Director Scott Edson greeted the Board and public, and went on to welcome Deputy Director Leslie Luke to the Board, who replaced John Geiger as the CEO Board Seat Alternate. Mr. Luke is the Deputy Director of the County of Los Angeles (County) Office of Emergency Management (OEM), and has been with the County since 2013. Executive Director Edson shared the OEM has the responsibility of comprehensively planning for, responding to and recovering from large-scale emergencies and disasters that impact the County. Executive Director Edson explained the OEM's work is accomplished in partnership and collaboration with first response agencies, as well as non-profit, private sector, and government partners.

Executive Director Edson further explained that CEO made the change because the Authority is finishing the build, and moving into operations, maintenance and sustainment. Executive Director Edson stated that Deputy Director Luke and the OEM are more of an operational organization that work around and with first responders, as well as directing OEM reports to the CEO.

Executive Director Edson shared that Deputy Director Luke replaced John Geiger, who has been with the LA-RICS Project longer than anyone else as far as he can recall. Executive Director Edson briefly touched on some of Mr. Geiger's work and assignments, such as working for the Office of the County Counsel and assigned to the County Internal Services Department (ISD). Executive Director Edson stated



the Mr. Geiger was instrumental in writing the LA-RICS contract awarded to Motorola Solutions, Inc. (MSI). Executive Director Edson went on to say the Mr. Geiger has been involved in this program for over thirteen (13) years and for many of the last few years, as the Chairperson of the Finance Committee. Executive Director Edson mentioned that Mr. Geiger has never hesitated to bring opinions, recommendations or direction to him and/or to the team, as a Board Members or as Chair of the Finance Committee, all of which have benefitted the system and future users. Executive Director Edson expressed the Authority is truly sorry to see him go and certainly wish him the best. Executive Director Edson said that Mr. Geiger should not be surprised to hear from Executive Director Edson on occasion because he will not hesitate to reach out to him seeking his counsel, as he has so much history on the project. Executive Director Edson thanked John Geiger, and welcomed Deputy Director Leslie Luke.

Executive Director Edson reported that as for the Land Mobile Radio (LMR) project, it is known that all construction has been completed, as well as testing and optimization continues. Executive Director Edson disclosed the Authority is in final review and discussion with MSI on accepting their latest Integrated Master Schedule (IMS) submission, which still does not conform to the contract, however, the Authority believes a final system acceptance date will be formalized, meaning the Authority will remain in really good shape.

Executive Director Edson reported the Narrowband Mobile Data Network-1 (NMDN-1) would have been the first subsystem to be deployed, accepted, and go-live, but because of the MSI microwave link issues, it continues to be postponed. Executive Director Edson said the Authority is hopeful the issues will be resolved later this month, but on a brighter note, MSI's delays do not yet impact the October of 2023 final acceptance date.

Executive Director Edson said that immediately following his Director's Report, Acting LMR Project Manager Steve Page would provide further details on the LMR program when presenting Agenda Item D.

Executive Director Edson stated there would be no reports from the Joint Operations and Technical Committees, or from the Finance Committee. Executive Director Edson reported the Authority is still awaiting the State funding, and believes that to be imminent since the Authority recently completed some paperwork and are in regular discussions.

Executive Director Edson went on to say that regarding the other agenda items before the Board today, Spectrum issues would be presented by Technical Lead Ted Pao under Agenda Item G and the Outreach Update would be presented by Operations Lead Lt. Robert Weber under Agenda Item H.

Executive Director Edson mentioned that as for Administrative Matters, there would be a schedule of future meetings before the Board as Agenda Item I which



incorporates the Board's discussion from the November 3, 2022, meeting; a Change Order relating to a temporary outage of our roll up generator with a small increase in the contract sum with MSI, funded by Urban Area Security Initiative (UASI), which the Authority recommends the Board should approve to be presented as Agenda Item J; and an amendment to his SD Edson contract in Agenda Item K.

Executive Director Edson reminded the Board the last planned Special Board meeting, required to comply with AB361, will be on Tuesday, December 13, 2022, at 9:00 a.m., that will be via teleconference.

This concluded the report on Agenda Item C by Executive Director Edson. There was no further discussion.

#### **D. Project Manager's Report – Steve Page**

Acting Project Manager Steve Page greeted the Board and presented Agenda Item D.

##### November Successes

Acting Project Manager Page stated that although the first slide of his report continued to reflect the view of the MCI tower and has been the same one used for the past few months, its relevancy still serves the purpose for the current Agenda Item discussion.

Acting Project Manager Page said that in November, MSI continued with the optimization of the MCI site in Malibu, which progressed into the West Cell coming up on the air, which he would continue to discuss further into the report.

##### November Challenges

Acting Project Manager Page reported the move towards permanent power at the Green Mountain (GRM) site continues, with the Authority working with the City of Los Angeles Department of Water and Power (LADWP) and State Parks for an easement. Acting Project Manager Page reported that late in October, the relevant Project Description (PD) documents were transmitted to State Parks for review and were followed-up weekly. Acting Project Manager Page further reported the Authority just started with a new PD for State Parks (with their guidance) to run the power underground, in order to mitigate the visual impact of the poles. Acting Project Manager Page said this was an ongoing effort, therefore, the Authority would have more of an update in January 2023.

Acting Project Manager Page went on to discuss the next portion of the Closeout Book program, which includes the requirement of the System Documentation binders for each site to be approved. Acting Project Manager Page stated that MSI provided fifty-eight (58) books in September for review by staff, and the review is



still in process with MSI providing corrections on a regular basis to try to provide a complete and accurate set of documents. Acting Project Manager Page said that at this point, all of the Closeout books for the Narrowband Mobile Data Network (NMDN-1) part of the Program have been approved.

#### Key Program Metrics

Acting Project Manager Page mentioned that for several months, the Authority has had MCI in process as the Prime Site of the West Cell, which the Authority is pleased to announce that MSI is to the point in their optimization as the West Cell is on the air (for MSI use only at this time) for further testing in preparation for their Coverage Acceptance Testing. Acting Project Manager Page expressed this marks quite the milestone.

#### Consolidation of Phase 2 Substantially Complete; Phase 4 Installed; Sites Optimized; and Sites On-air

Acting Project Manager Page expressed that for several months, the Authority has been watching the uptick in numbers of sites going on the air, and went on to share a slide indicating where the Authority stands. Acting Project Manager Page went to say there were a few slides (Phase 2 Substantially Complete, Phase 4 Installed, Sites Optimized, and Sites On-air) that would be consolidated into one.

#### Sites On-Air

Acting Project Manager Page stated the Sites On-air slide would also be consolidated into one starting next month. Acting Project Manager Page said that now that construction is done, the hardware has been installed, and that radios have been powered up, the Authority is marching towards bringing Digital Trunked Voice Radio Subsystem (DTVRS) up next March 2023. Acting Project Manager Page expressed this has been a long time coming, and the Authority is pleased to be able to report this completion this month.

#### Change Management

Acting Project Manager Page shared the topic of the month for discussion is about what is involved in keeping the system up and running properly, which leads the Authority directly into 'best practices', which for many who have been doing this for several years, have seen a sea change in the way the Authority manages the Authority's specific systems. Acting Project Manager Page reflected back when things were circuit-based a lot less complicated, based on what currently is available.

Acting Project Manager Page explained that when Internet Protocol (IP)-based systems is mentioned, the phrase 'Internet Protocol' might indicate that it is connected to the internet and available for anyone to access. Acting Project

Manager Page defined that what is really meant is that industry standard protocols and technologies are used on the Authority's locked-down system, but more than that, it means that today's technology is more aligned with Information Technology (IT)-based networks than ever before, therefore, there is an opportunity to avoid reinventing the wheel when it comes to best practices, and are able to look at what is there and apply some standards. Acting Project Manager Page said this would mean that ITIL would be the start.

#### Information Technology Infrastructure Library (ITIL)

Acting Project Manager Page believes that ITIL is the Information Technology Infrastructure Library and is a great framework for managing what the Authority has in place.

What Acting Project Manager Page means with not having to reinvent the wheel, there is an opportunity to use a series of processes that was originally developed for IT networks, but not even here in the United States. Acting Project Manager Page provided a brief history and went on to say that it was developed in England back in the 1980s, ITIL has grown to be a very useful framework for managing Information Technology system and processes.

#### IP-Based Networks

Acting Project Manager Page explained the reason ITIL works so well for the Authority is the Authority essentially is an IT network, with just counting infrastructure elements, almost 25,000 IP or network connected devices. Acting Project Manager Page further explained that it does not consider subscriber units (walkie-talkies and mobile radios), which can theoretically add another 64,000 devices to the IP-based system.

Acting Project Manager Page stated that ITIL is not just about accounting for devices, it is an overall program that helps with best management practices, processes, documentation and control, and change management.

Acting Project Manager Page shared that what will be looked at is the change management portion of ITIL as it is the most important, even above service delivery and lifecycle management, as without the controls of change management, there really is no way to track anything in the system with any form of reliability.

#### Making Changes

Acting Project Manager Page said that within the LA-RICS Standard Operating Procedures, there is a specific section on how to make changes, and every week, the Change Management Control Team meets to discuss any submitted changes, examine the potential impacts, and issue direction to the System Manager. Acting Project Manager Page mentioned that these changes impact everything to do with



the system, from adding radios and TalkGroups, to adjusting site access profiles and controlling roaming throughout the network, and as the Authority moves into the next part of the program, any changes to the network in terms of upgrades or equipment changes will need to go through this group.

#### Why Do We Do This?

Acting Project Manager Page asked why this is done, to which the answer to that is pretty simple, as it all comes down to communications. Acting Project Manager Page stated that on both the operations and technical teams, there have been instances where the 'left hand did not talk to the right' and someone was planning on doing some maintenance at one site while someone else was managing an outage at another site, and the end result was that someone out in the field lost communications. Acting Project Manager Page expressed that although it sounds simple, and should not happen, but it does. Acting Project Manager Page shared the advantage of having the processes in place has already shown that logical collisions have been avoided, and while there can only be speculation as to the overall impact of these activities happening at the same time without notice, the Authority knows that something would have happened, and fortunate enough to have it together to the point where it is realized, in the words of Gordon Graham, 'if it is predictable, it is preventable'.

#### December Focus Items

Acting Project Manager Page stated that this month, the team would be focusing on the finalization of optimization at MCI site and West Cell, with staff being on site almost each day to keep that work on track.

Acting Project Manager Page concluded by saying the Authority will also be keeping a close eye on the NMDN-1 cutover to make sure the subsystem comes online without issues.

This concluded the presentation and report on Agenda Item D by Acting Project Manager Page. There was no further discussion.

**E. Joint Operations and Technical Chair's Report – None**

**F. Finance Committee Chair's Report – None**

#### **VII. DISCUSSION ITEMS (G – H)**

**G. Spectrum and Licensing Issues Impacting Land Mobile Radio Deployment – Ted Pao**

Technical Lead Ted Pao provided an update on the Federal Communications Commission (FCC), to which he stated the Authority continues to wait for the two



(2) Tejon Peak (TPK) licenses to be granted by the FCC. Technical Lead Pao said that one is for the Narrowband Mobile Data Network (NMDN) and the other is for the Analog Conventional Voice Radio System (ACVRS). Technical Lead Pao stated there was no further update from County on the timeline for the approval of the two (2) licenses.

Technical Lead Pao said that in respect to interference issues, as reported to the Board last month, the Authority received the interference reports from MSI for the Criminal Court Building (CCT), Mount Disappointment (MDI), and Signal Hill (SGH). Technical Lead Pao went on to say that staff reviewed the reports and submitted comments and questions back to MSI, and just waiting for responses from MSI.

Technical Lead Pao also took the opportunity to thank Mr. Geiger for his tireless efforts on many FCC licensing and interference issues for LA-RICS.

This concluded the update on Agenda Item G. There was no further discussion.

#### **H. Outreach Update – Lieutenant Robert Weber**

Operations Lead Lieutenant (Lt.) Robert Weber greeted Board members and referenced the detailed Outreach Summary document for the month of November included in the Agenda Packet for review and information.

Operations Lead Lt. Weber reported that Authority staff and personnel from the County of Los Angeles (County) Sheriff's Department (LASD) Communications and Fleet Management Bureau (CFMB) conducted LA-RICS system testing in San Dimas and Walnut Sheriff's Stations reporting districts. Operations Lead Lt. Weber further reported that testing was grid based and evaluated several different radios currently used by the LASD. Operations Lead Lt. Weber went on to say that system metrics from the testing would be shared with the LASD's CFMB staff. Operations Lead Lt. Weber expressed that although LA-RICS staff is still evaluating the metrics from the test, the system performed very well, and the information obtained will be used as the LASD moves forward with full station testing in the near future.

Operations Lead Lt. Weber reported that on November 5, 2022, Authority staff traveled to Catalina Island to meet with Sacha Field the Director of Property Management for the Catalina Island Conservancy and members of the Conservancy Board. Operations Lead Lt. Weber mentioned the team went to the Blackjack Mountain (BJM) site where they gave an overview presentation. Operations Lead Lt. Weber said that Director Field and the Board Members were very happy with the presentation and thanked the entire LA-RICS team for an extremely well-run project. Operations Lead Lt. Weber shared that on behalf of the LASD and the Chief of Technology and Support Division, Operations Lead Lt. Weber presented Director Field with the LASD's Star Scroll Award recognizing her outstanding contributions to the LASD through her aid in expanding the Los Angeles Regional Interoperable Communications System (LA-RICS) to



Catalina Island, thereby growing the public safety communications radio network to a greater portion of the County.

Operations Lead Lt. Weber ended his report by saying that Authority staff members continue close contact with State and Federal partners to ensure interoperability during events and to further collaborate on regional public safety communication.

This concluded the update on Agenda Item H. Operations Lead Lt. Weber asked if there were any questions. There was no further discussion.

## **VIII. ADMINISTRATIVE MATTERS (I – K)**

### **I. 2023 SCHEDULE OF LA-RICS BOARD MEETINGS**

Administrative Deputy Orellana-Curtiss presented Agenda Item I.

Administrative Deputy Orellana-Curtiss asked the Board to note that Agenda Item I captured the discussion that was held at the November 3, 2022, Board meeting which considered the Authority's in-person regular Board Meetings commencing in March 2023, with January and February Board meetings continuing to be scheduled via teleconference.

Administrative Deputy Orellana-Curtiss stated that with the occurrence of the Special Board Meeting on Tuesday, December 13, 2022, the Board will be able to continue to teleconference in January and February 2023, in accordance with AB 361, as well as with the anticipated California Governor's action, the Authority will resume in-person in compliance with the requirements of the Brown Act in March 2023.

Administrative Deputy Orellana-Curtiss concluded by saying that this was an action item before the Board for the calendaring of the meetings for the 2023 calendar year.

Alternate Board Chair Yanagi asked if anyone had any questions, comments, or concerns with Agenda Item I, if not, he then asked for a motion to approve.

Board Member Povero motioned first, seconded by Board Member Alexander.

Ayes 8: Luke, Pappas, Yanagi, Tadeo, Jacobs, Alexander, Povero, and Fronterotta.

**MOTION APPROVED.**

**J. APPROVE AMENDMENT NO. 108 TO AGREEMENT NO. LA-RICS 007  
LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM  
LAND MOBILE RADIO**

Contracts Manager Jeanette Arismendez presented Agenda Item J to the Board, which is Amendment No. 108 to the LMR Agreement. Contracts Manager Arismendez requested the Board to approve Amendment No. 108, which would revise the agreement to include a Change Order to compensate MSI for costs incurred related to a generator outage located at the Burnt Peak 1 (BUR1) site, which would result in an increase to the Maximum Contract Sum in the amount of \$3,263, and if approved by the Board, would be reimbursed by the UASI Grant.

Contracts Manager Arismendez reminded the Board that there is a roll-up generator located at the BUR1 site due to the lack of permanent power currently at that site. The Change Order would be to compensate MSI for the costs incurred as a result of the outage that took place recently.

Contracts Manager Arismendez went on to request the Board delegate authority to the Executive Director to execute Amendment No. 108, in substantially similar form to the enclosed amendment in the Agenda Packet.

This concluded on the presentation of Agenda Item J. Contracts Manager Arismendez asked if there were any questions, no questions were asked.

Board Member Alexander motioned first, seconded by Alternate Board Member Luke.

Ayes 8: Luke, Pappas, Yanagi, Tadeo, Jacobs, Alexander, Povero, and Fronterotta.

**MOTION APPROVED.**

**K. APPROVE AMENDMENT NO. 3 TO AGREEMENT NO. LA-RICS 012 WITH SD  
EDSON, INC. FOR PROFESSIONAL SERVICES**

Truc L. Moore, Counsel to the Authority, presented the Board with Agenda Item K.

Counsel Moore stated that Executive Director Edson's contract currently expires on March 25, 2023, which is in a few months from now. Counsel Moore informed the Board that before them was Amendment No. 3 to his contract for Professional Services which adds an additional two-year term taking his contract out to March 25, 2025, and also adds a one-year renewal option to be exercised the Board is its sole discretion. Counsel Moore went on to say that Amendment No. 3 also grants a Cost of Living Adjustment (COLA) rate at 5.5%, which will increase his hourly rate from \$111.30 to \$117.42, which will ultimately increase his yearly Maximum Contract Sum from \$231,504 to \$244,237. Counsel Moore went on to



say that all other terms and conditions of his contract remain the same including his requirements to procure insurance, as well as the Board still retains the capability to terminate for convenience or default at any time. Counsel Moore further stated that his contract is currently funded by the Member Funded Contributions and/or State Budget Act.

This concluded the update on Agenda Item K. Counsel Moore asked if there were any questions.

Board Member Alexander motioned first, seconded by Board Member Povero.

Ayes 8: Luke, Pappas, Yanagi, Tadeo, Jacobs, Alexander, Povero, and Fronterotta.

Counsel Moore added for the record the Board approved a two (2) year plus one-year extension to Executive Director Edson's contract, to serve as the Executive Director to the LA-RICS Board. His new not-to-exceed yearly Maximum Contract Sum has been increased from \$231,504 to \$244,237.

**MOTION APPROVED.**

**IX. MISCELLANEOUS – NONE**

**X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD – NONE**

**XI. CLOSED SESSION REPORT – NONE**

The Board did not enter closed session, and closed session was not held.

**XII. ADJOURNMENT OF THE REGULAR MEETING AND NEXT REGULAR MEETING**

Alternate Board Chair Yanagi called for a motion to adjourn the Regular Meeting. Board Member Tadeo motioned.

Alternate Board Chair Yanagi adjourned the Regular Board Meeting at 9:28 a.m., and stated the next Special Board Meeting will be held on Tuesday, December 13, 2022, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.



# BOARD OF DIRECTORS SPECIAL MEETING MINUTES

LOS ANGELES REGIONAL  
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

**Tuesday, December 13, 2022 • 9:00 a.m.**

Conducted via Microsoft Teams Meeting

## BOARD MEMBERS PRESENT

**Brian Solinsky**, Police Chief, Los Angeles County Police Chief's Association

**Mark R. Alexander**, City Manager, California Contract Cities Association

**David Povero**, Police Chief, City of Covina Police Department

**Mark Fronterotta**, Police Chief, City of Inglewood Police Department

## ALTERNATES FOR BOARD MEMBERS PRESENT

**Eleni Pappas**, Alternate Vice-Chair, Deputy Fire Chief, County of Los Angeles Fire Department

**Brian Yanagi**, Alternate Chair, Chief, County of Los Angeles Sheriff's Department

**Jacqueline Rifenburg**, Assistant Director, EMS Agency, County of Los Angeles Department of Health Services

## OFFICERS PRESENT

**Scott Edson**, LA-RICS Executive Director

**Susy Orellana-Curtiss**, LA-RICS Administrative Deputy

**Beatriz Cojulun**, LA-RICS Board Secretary

## BOARD MEMBERS ABSENT / VACANT

**Leslie Luke**, Deputy Director, County of Los Angeles Chief Executive Office

**Phil Ambrose**, Battalion Chief, Los Angeles Area Fire Chiefs Association

**Vacant**, City of Signal Hill Police Department



**NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA**

**I. CALL TO ORDER**

Alternate Board Chair Brian Yanagi called the Special Meeting of the Board to order at 9:01 a.m.

**II. ANNOUNCE QUORUM – ROLL CALL**

Beatriz Cojulan took the roll and acknowledged a quorum was present.

**III. APPROVAL OF MINUTES – NONE**

**IV. PUBLIC COMMENTS – NONE**

There was no public comment.

**V. CONSENT CALENDAR – NONE**

**VI. REPORTS – NONE**

**VIII. DISCUSSION ITEM – NONE**

**IV. ADMINISTRATIVE MATTERS (A)**

**A. FINDINGS TO CONTINUE TELECONFERENCE MEETINGS UNDER AB 361 AND RELATED ACTIONS**

Alternate Board Chair Yanagi asked for a motion to approve Consent Calendar Agenda Item A.

Board Member David Povero motioned first, seconded by Alternate Board Member Jacqueline Rifenburg.

Ayes 7: Pappas, Yanagi, Rifenburg, Solinsky, Alexander, Povero, and Fronterotta.

**MOTION APPROVED.**

**IX. MISCELLANEOUS – NONE**

**X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD – NONE**



**XI. CLOSED SESSION REPORT – NONE**

**XII. ADJOURNMENT AND NEXT MEETING**

Alternate Board Chair Yanagi called for a motion to adjourn the Special Meeting. Board Member Alexander motioned first.

Alternate Board Chair Yanagi adjourned the Special Board Meeting at 9:04 a.m., and stated the next Regular Board Meeting will be held on January 5, 2023, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.



## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
Telephone: (323) 881-8291  
<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

January 5, 2023

LA-RICS Board of Directors  
Los Angeles Regional Interoperable Communications System Authority (the "Authority")

Dear Directors:

### **FINDINGS TO CONTINUE TELECONFERENCE MEETINGS UNDER AB 361 AND RELATED ACTIONS**

#### **SUBJECT**

The California Legislature passed AB 361 to enhance public access to local legislative body meetings during the COVID-19 pandemic and future applicable emergencies. Under AB 361, to continue to meet via teleconferencing, the local legislative body must adopt, by a majority vote, specific findings within 30 days of the first use of the teleconferencing meeting rules after October 1, 2021, and within every 30 days thereafter. The first Board meeting under AB 361 occurred on October 7, 2021, and the Board made its appropriate findings thereafter. The timing of this meeting falls within the 30-day window for the Board to make another finding to continue to use a telephonic meeting.

#### **RECOMMENDED ACTIONS**

It is recommended that your Board, acting on its behalf, and on behalf of the Finance, Operations and Technical Committees appointed by the Board and which are subject to the Brown Act:

1. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that the Board has reconsidered the circumstances of the State of Emergency due to the COVID-19 pandemic and that the State of Emergency remains active; and
2. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that local officials continue to recommend measures to promote social distancing.

## **BACKGROUND**

On September 10, 2021, the Legislature passed AB 361, to enhance public access to local legislative body meetings during the COVID-19 pandemic and future applicable emergencies. The Governor signed AB 361 into law on September 16, 2021. To ensure the safety of members of the public and personnel while guaranteeing the public's right to attend and participate in meetings of local legislative bodies and in alignment with the County of Los Angeles' Health Officer's recommendations to reduce crowding indoors and to support physical distancing, the Board can continue to meet via teleconferencing, in compliance with AB 361 while we are under a State of Emergency and while State or local officials continue to recommend measures to promote physical distancing. However, the Board will need to regularly consider the circumstances of the State of Emergency to determine whether teleconferencing should continue no later than 30 days after the Board's first meeting under AB 361 (October 7, 2021), and within every thirty (30) days thereafter.

## **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

Under AB 361, to continue to meet via teleconferencing, the local legislative body must adopt, by a majority vote, specific findings within 30 days of the first use of the teleconferencing meeting rules after October 1, 2021, and within every 30 days thereafter. As we approach the twentieth 30-day deadline and given the timing of this Board meeting, the Board needs to make the necessary findings. The Governor's declaration of a statewide emergency is still in effect, and the County of Los Angeles' Public Health Officer still currently recommends physical distancing.

## **FACTS AND PROVISIONS/LEGAL REQUIREMENT**

The Authority's counsel has reviewed the recommended actions and approved as to form.

## **CONCLUSION**

The Executive Director recommends the Board make the recommended findings.

Respectfully submitted,



SCOTT EDSON  
EXECUTIVE DIRECTOR

MBC

c: Counsel to the Authority

# EXECUTIVE SUMMARY

JANUARY 5, 2023

## LMR UPDATE

### ■ Phase 2 – Construction Activities

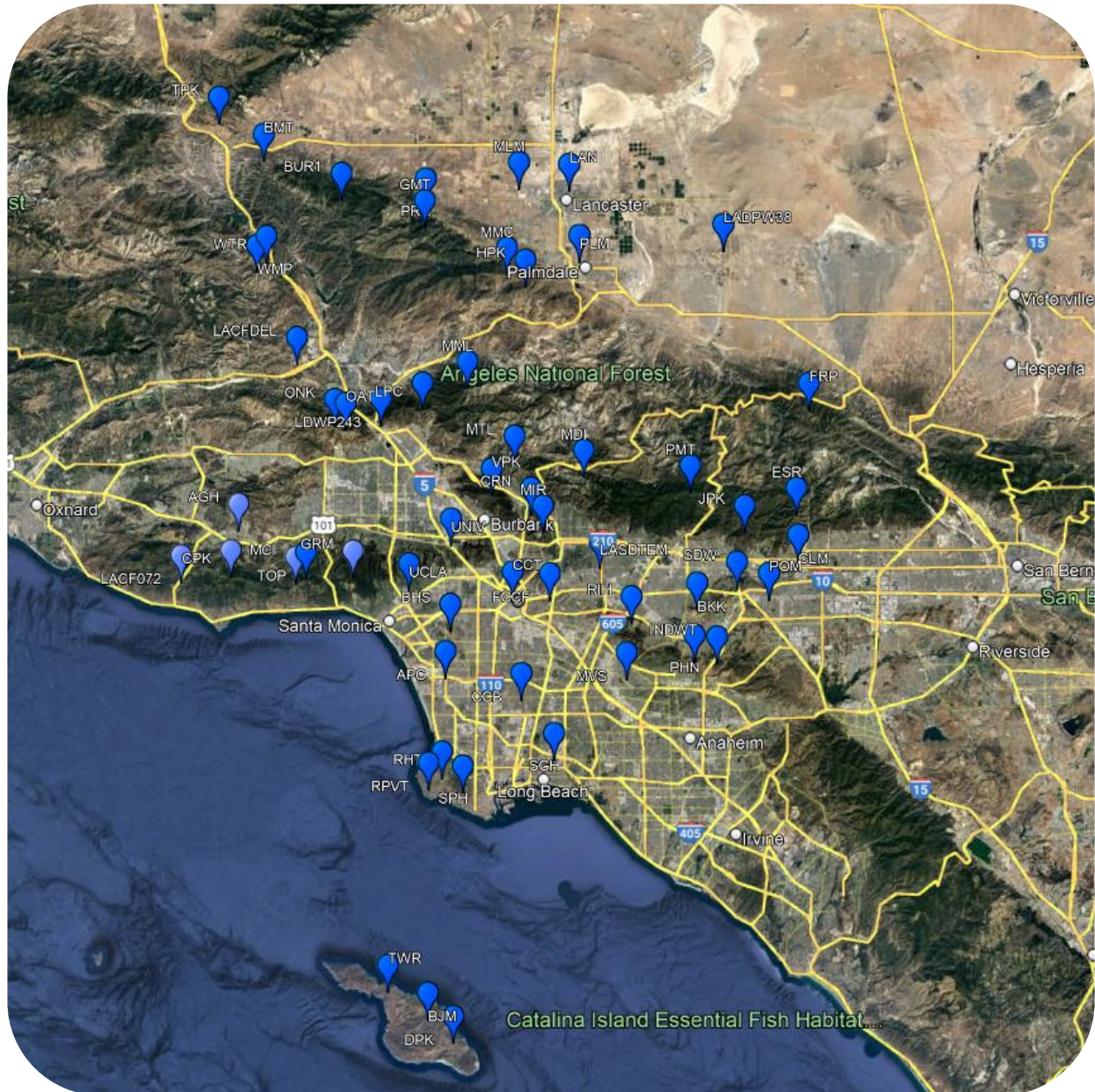
- ✓ All Building Permits have been issued for Phase 2 Construction activities.
- ✓ The current Integrated Master Schedule (IMS) is the May 10, 2022DD version, which shows a Final System Acceptance of September 1, 2023. The May 10, 2022DD IMS was approved in Amendment 92. Motorola Solutions, Inc. (MSI) delivered a new schedule the week ending November 18, 2022, which the Authority is planning on accepting. This new schedule will be presented at the January 5, 2023 Board meeting.
- ✓ Below is a breakdown of the current site progress for Phase 2 scope:
  - 58 of 58 sites are substantially complete with Phase 2 construction activities.
  - MSI continues to complete punch corrections and resolve assorted issues resulting from installations deviating from approved plans.
  - The work on permanent power at the Green Mountain (GRM) site continues to proceed with Los Angeles Department of Water and Power (LADWP) working with the Authority to create a Project Description for State Parks. The Project Description was delivered to LADWP for approval the week of October 28, 2022, which has since been returned to the Authority staff for delivery to State Parks.

### ■ Phase 4 – Optimization and Closeout

- ✓ There are thirty-three (33) cells on the air; fifty-nine (59) sites are optimized; and of these, forty-nine (49) sites are on the air.
- ✓ Cutover plans continue to be developed in a joint effort between LA-RICS and Motorola Solutions, Inc. (MSI). The cutover plans will be managed to ensure that all cutovers occur as planned to avoid significant delays which could otherwise affect the Scheduled Final System Acceptance date.
- ✓ Fifty-seven (57) sites have undergone the Phase 4 audit between LA-RICS and MSI. The closeout material submissions associated with each site are in the review and correction response process.

**JANUARY 5, 2023**

## LMR SITES



# EXECUTIVE SUMMARY

JANUARY 5, 2023

LA-RICS GRANT STATUS					
Grant	Award	Costs Incurred/NTP Issued	Invoiced/ Paid	Remaining Balance	Performance Period
UASI 12	\$18,263,579	\$18,263,579	\$18,263,579	\$-	3/31/17
UASI 13	\$13,744,067	\$13,744,067	\$13,744,067	\$-	3/31/18
UASI 14	\$4,997,544	\$4,997,544	\$4,997,544	\$-	7/31/17
UASI 16	\$5,240,455	\$5,240,455	\$5,240,455	\$-	5/31/19
UASI 17	\$34,763,750	\$34,763,750	\$34,763,750	\$-	5/31/20
UASI 18	\$35,000,030	\$35,000,030	\$ 35,000,030	\$-	5/31/21
UASI 19	\$35,000,000	\$35,000,000	\$35,000,000	\$-	12/31/22
UASI 21	\$2,000,000	\$2,000,000	\$1,768,172	\$-	5/31/24
UASI 22	*\$11,688,338	\$4,178,750	\$-	\$7,509,588	5/31/25
UASI 23	*\$3,311,662	\$-	\$-	\$3,311,662	5/31/26
UASI 24	*\$0	\$-	\$-	\$0	5/31/27
SHSP 22	\$3,520,000	\$-	\$-	\$3,520,000	5/31/25
SHSP 23	\$1,760,000	\$-	\$-	\$1,760,000	5/31/26
SHSP 24	\$1,120,000	\$-	\$-	\$1,120,000	5/31/27
BTOP	\$149,608,227	\$149,608,227	\$149,608,227	\$ 0	9/30/20

\* Moved \$6,688,338 to UASI 22 from UASI 23 and 24 based on approved project swaps with County Fire and Sheriff

# Los Angeles Regional Interoperable Communications System

## PROJECT DESCRIPTION

Events of September 11, 2001, highlighted the need for first responders to be able to communicate with each other. Emergency communications primarily address local jurisdictional needs, and most agencies utilize separate radio towers, equipment, and radio frequencies. LA-RICS is designed to address each of these concerns.

Currently, there is duplication of systems which leads to increased costs while continuing to inhibit first responders' ability communicate with each other. Many legacy systems around the County are obsolete and well beyond their useful life. The LA-RICS Project vision is to provide innovative solutions for the public safety community by removing barriers to interoperable voice and data communications and allow individuals and agencies to focus on accomplishing their mission with the tools necessary to provide excellent service to their communities. To accomplish this vision, the program is implementing a County-wide public safety wireless voice and data radio system for all first and secondary responders. Existing radio frequencies will be pooled, and the current infrastructure utilized wherever practical.

Design, construction, and deployment of a County-wide Land Mobile Radio (LMR) voice network utilizes 59 sites. All sites in both the LMR and LTE augmentation comply with CEQA and NEPA standards.

Project and Construction Management Services will provide network, infrastructure, project, and advisory services across four of the five program phases (Phase 5 – Maintenance is excluded) for each of the LMR and LTE projects:

- Phase 1 - System design
- Phase 2 - Site construction and modification
- Phase 3 - Supply telecommunication system components
- Phase 4 - Telecommunications system implementation
- Phase 5 - Telecommunications system maintenance

## *Location:*

2525 Corporate Place, Suite 100  
Monterey Park, CA 91754

## *Authority:*

Los Angeles Regional Interoperable  
Communications System

## *Management:*

LA-RICS Project Team

## *Consultant:*

Jacobs Project Management Company

## *Communications Vendor:*

LMR - Motorola Solutions, Inc., Brandow & Johnston  
LTE - Motorola Solutions, Inc., David Evans & Associates, Metrocell, Inc., Diversified Communications, Inc, Motive Energy, Inc. and Jitney, Inc.



**Monthly Report No. 128**

**January 5th, 2023**

**Submitted December 29, 2022**

Reporting Period: 11/16/2022 – 12/21/2022

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**AGENDA ITEM E**

## GENERAL UPDATES

### Operations/Governance

- LA-RICS Operations holds regular meetings to focus on the following:
  1. Manage network migration to LA-RICS to meet milestone cut-over dates established in the approved IMS.
  2. Ensure internal LA-RICS operational aspects are in place.
  3. Develop and Implement Policies as determined by the operations contributors.

### Special Events

- No new activity.

## LMR UPDATES

### Environmental Update

- MMRP remaining funds will be used for power run ground disturbance related activities at GRM which is not yet scheduled.
- The Project Team has accomplished Worker Environmental Awareness Program (WEAP) training for 1,742 persons as of November 18, 2022, this was the last training session during the period.

### Phase 1: Permitting Support

- The final building permit for the MCI site was issued on May 19, 2022, Fifty-nine (59) building permit applications have been made to date (AGH, APC, BHS, BJM, BKK, BMT, BUR1, CCB, CCT, CITYWLK, CLM, CPK, CRN, DPK, DPW38, ESR, FCCF, FRP, GMT, GRM, HPK, INDWT, JPK2, LACF072, LACFDEL, LAN, LARICSHQ, LASDEM, LDWP243, LPC, MCI, MDI, MLM, MMC, MML, MIR, MTL2, MVS, OAT, ONK, PHN, PLM, PMT, POM, PRG, RIH, RHT, RPVT, SDW, SGH, SPH, SPN, TOP, TPK, TWR, UCLA, UNIV, VPK, WMP, WTR), representing 59 Program sites.

### Phase 2: Site/Civil

- All Site Access Agreements (SAA's) are complete.
- 58 sites are substantially complete through Ph4a. The 59<sup>th</sup> and final site in the Program, MCI, commenced construction on May 23, 2022, and is nearing substantial completion.
- 57 sites have commercial power, this includes MCI, where LA-RICS took over the existing 200-amp service on site and upgraded it to 400 amps through Southern California Edison. Of the 2 remaining sites pending commercial power, 2 (BUR1 and GRM) have primary power generators on site that are running in support of MSI's activities at these sites.
- The current IMS has a data date of November 8, 2022, which has a final system acceptance date of October 19, 2023.
- Motorola's continues to make progress on resolving "slip-sheet" items from the previously submitted UASI 18 and UASI 19 Closeout Books.
- For power at the GRM site, the Authority has sought assistance outside of the City of Los Angeles Mayor's office. During this period, Staff has met with LADWP several times on the LADWP-established weekly meeting series to obtain updates on action items necessary leading to the installation of utility extension that will serve the project site. Per LADWP request, the Authority provided an updated land survey for LADWP's planning and placement of the new power poles as well as documentation on related easements. The Authority is acting as the coordinator between LADWP and State Parks to encourage each agency to make progress towards the ultimate goal which is a line extension that provides power to the LA-RICS GRM site. The Authority hosted a joint meeting between LADWP and California State Parks to move the easement and Right-of-Entry task forward on 9/22/2022. Currently, LADWP is generating a new project plan for review by State Parks which will involve running the power underground. In the interim the site testing work is being performed with the utilization of a rented diesel generator.
- The BUR1 site also continues to operate using a rented diesel generator, since Southern California Edison has not yet repaired its utility distribution serving the immediate area of the project.
- There are no recordable safety issues to report on in this period.

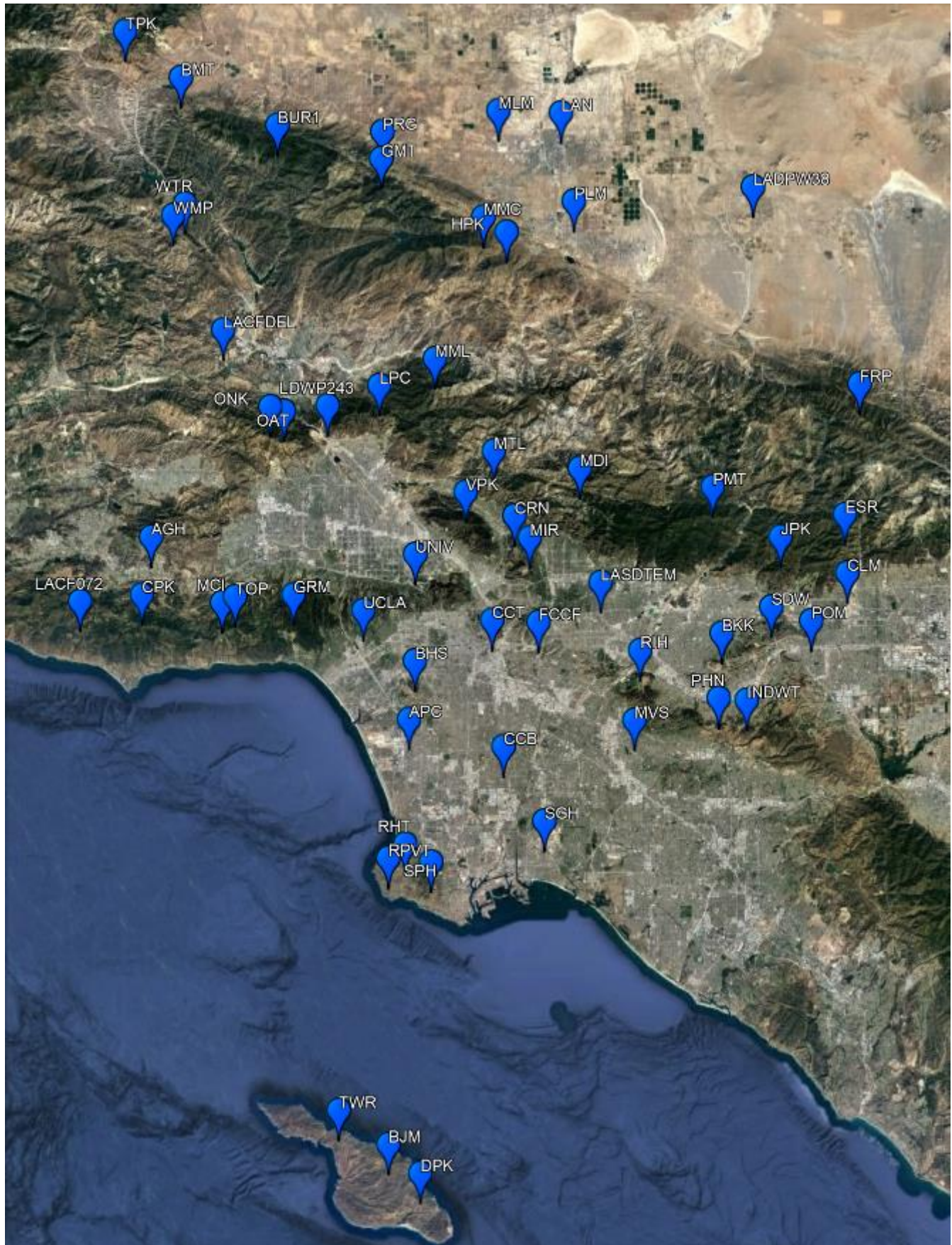
### Phase 4: Network

- Focus of the Ph4 effort is Site Audits and Close Out Book (COB) activities related to compiling of the data followed by review and approval of the items submitted. Motorola continues to work through the challenge of submitting accurate documentation in the COBs, and in a timely manner, resulting in additional Staff time for re-reviews. As of this report, twenty-two (25) Phase 4a COB soft (digital) copies have been approved. System Documentation closeout books are in review by the Authority, and although the Phase 2 System Documentation Closeout Books began being delivered to the Authority in September 2022, the team has worked to provide feedback to Motorola as expeditiously as possible to maintain the NMDN-1 Schedule.
- System interference on Ch. 16 is still being investigated by the Sheriff's Department, Fire Department, and ISD along with the technical leads from the LA-RICS Project Team.
  - The coordination between LACoFD, LASD, MSI, and LA-RICS is critical to ensure that frequencies are available for testing and operating the Digital Trunk Voice Radio System (DTVRS), and Analog Conventional System (ACVRS), particularly.

## AGENDA ITEM E

The LMR Site Map is shown below.

## LMR SITE MAP



**AGENDA ITEM E**



**LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY**

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
Telephone: (323) 881-8291  
<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

January 5, 2023

To: LA-RICS Authority Board of Directors

From: Scott Edson   
Executive Director

**SPECTRUM AND LICENSING ISSUES IMPACTING  
LAND MOBILE RADIO DEPLOYMENT**

The purpose of this discussion item is to update your Board on the radio spectrum issue for the Land Mobile Radio System (LMR) system, as well as frequency licensing issues impacting the LMR deployment.

TP:mbc

**AGENDA ITEM H**



## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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Monterey Park, California 91754  
Telephone: (323) 881-8291  
<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

January 5, 2023

To: LA-RICS Authority Board of Directors

From: Scott Edson   
Executive Director

### OUTREACH UPDATE

The purpose of this discussion item is to update your Board on the status of outreach activities pertaining to the LA-RICS Land Mobile Radio (LMR) project. The below meetings occurred since our last report to you:

MUNICIPALITY	MEETING DATE
Emergency Communications Preparedness Center (ECPC) Steering Committee Meeting	12/06/22
International Forum to Advance First Responder Innovation (IFAFRI) December Virtual Technology Showcase	12/07/22
Emergency Communications Preparedness Center (ECPC) Advanced Technologies Working Group (ATWG)	12/14/22
International Association Chiefs of Police (IACP) - Communications and Technology Monthly Meeting	12/21/22

The Executive Director attended several association meetings related to technology, communications, and public safety.

Authority staff and personnel from the County of Los Angeles (County) Sheriff's Department (LASD) Communications and Fleet Management Bureau (CFMB) have been working diligently on the migration of talk-groups to the "NICE" logging recorder system. This planning is an integral part of the overall system testing plan for LASD's Stations throughout the County in 2023. In early December the Authority team worked with LASD to start full unit testing with the LASD's Community College Bureau. The system received very favorable comments from their staff. The system metrics from the testing will be shared with the LASD's CFMB staff. LA-RICS staff is still evaluating the metrics from the test however the system performed very well. The Authority Staff and LASD are planning to conduct full

### AGENDA ITEM I

station testing at several stations in the early part of 2023, with full migration scheduled for March of 2023.

Authority staff continues to work with the City of Inglewood Police Department regarding ongoing SoFi Stadium events and the early onboarding process. The intent is to conduct full Department testing with them in the very near future with a goal of early 2023. Authority staff worked closely with the LASD's Emergency Operations Bureau and the City of Pasadena regarding the 2023 Rose Parade and Rose Bowl events. This marks the second time the full LA-RICS system has been tested at the Rose Parade and Rose Bowl events. As expected, the system performed very well and received several favorable comments.

Authority staff members have continued close contact with our State and Federal partners to ensure interoperability during major events and to further collaborate on regional public safety communication.

RJW:mbc



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SCOTT EDSON  
EXECUTIVE DIRECTOR

January 5, 2023

LA-RICS Board of Directors  
Los Angeles Regional Interoperable Communications System Authority (the "Authority")

Dear Directors:

### **APPROVE AMENDMENT NO. 109 TO AGREEMENT NO. LA-RICS 007 LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO SYSTEM**

#### **SUBJECT**

Board approval is requested to authorize the Executive Director to execute Amendment No. 109 to Agreement No. LA-RICS 007 (Agreement) to include costs related to certain Phase 1 work as further described in this Board Letter, which will result in an increase to the Maximum Contract Sum in the amount of \$2,379. Additionally, Amendment No. 109 seeks to adopt an updated Integrated Master Schedule (IMS), which will update Subsystem Acceptance dates and still maintain a Final LMR System completion date of October 2023.

#### **RECOMMENDED ACTIONS**

It is recommended that your Board:

1. Approve Amendment No. 109 to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) to reflect the following:
  - a. Incorporate costs related to Phase 1 permit work at the Topanga Relay (TOP Relay) site for a cost increase in the amount of \$2,379.
  - b. Adopt an updated IMS, which would update Subsystem Acceptance dates and maintain a Final LMR System completion date of October 2023.
2. Authorize an increase to the Maximum Contract Sum in an amount of \$2,379 from \$216,020,088 to \$216,022,467 when taking the recommended actions into consideration.

3. Delegate authority to the Executive Director to execute Amendment No. 109, in substantially similar form to the enclosed Amendment (Enclosure), and issue one (1) or more Notices to Proceed as may be necessary.

## **BACKGROUND**

### **TOP Relay Phase 1 Permit Reconciliation**

With respect to the recommended change order, the Authority is requesting Board approval to reconcile MSI for costs related to Phase 1 permit work performed at the TOP Relay site. Your Board approved LMR Amendment No. 105 which removed Phase 1 permit work at TOP Relay which the Authority understood from MSI as not performed and would not be done so in the future. However, MSI recently provided an explanation that they had fulfilled the permit requirements at TOP and did provide a copy of the permit they received from the jurisdiction. The base contract task line item was previously reduced. Since both parties now agree that all permit work was performed, the Authority is requesting to formally add the cost back into the LMR Agreement.

### **Updated Integrated Master Schedule**

On October 7, 2021, your Board approved Amendment No. 82 which, among other things, modified the Final LMR System Acceptance withhold payments to a phased Subsystem acceptance approach and updated the IMS reflecting completion of the LMR System by October 2023.

On June 2, 2022, your Board approved Amendment No. 92 which further modified the IMS to reflect breaking out the payment for the DTVRS Subsystem by breaking out the payment for DTVRS Subsystem Coverage Testing into two (2) payments, the first of which was payable following Board approval of Amendment No. 92 and the second scheduled for payment upon completion of the DTVRS Coverage Testing in 2023. Splitting the payments allowed the Authority to fully expend its UASI 2019 grant, due to certain delays in completion of Closeout Books by MSI, which will now be paid out of the UASI 21 grant. Moreover, since the execution of Amendment No. 92, MSI has been further revising the schedule to address differing site circumstances/conditions which requires a re-baseline of the schedule. While the Authority does not agree with certain revisions made by MSI to the schedule, Amendment No. 109 does reserve the Authority's rights to contest the schedule changes.

On December 15, 2022, the Subsystem for the Narrowband Mobile Data Network (NMDN) Phase 1 was accepted by the Authority. While some of the Subsystem Acceptance dates have been pushed out, the Final LMR System Acceptance date remains to be October 2023.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTIONS**

Approval of the recommended actions will authorize the Executive Director to execute Amendment No. 109 to reconcile Phase 1 permit costs at the TOP Relay site in the amount of \$2,379 in addition to adopting an IMS which would update Subsystem Acceptance dates and maintain a Final LMR System completion date of October 2023.

### **FISCAL IMPACT/FINANCING**

The cost contemplated in Amendment No. 109 will result in an increase to the Maximum Contract Sum in the amount of \$2,379 from \$216,020,088 to \$216,022,467. If approved by your Board, Amendment No. 109 will be fully funded by the Urban Areas Security Initiative (UASI) 2022 grant.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENT**

The Authority's counsel has reviewed the recommended actions and approved as to form.

### **CONCLUSION**

Upon the Board's approval of the recommended actions, the Executive Director will have delegated authority to proceed in a manner described in the recommended actions.

Respectfully submitted,



SCOTT EDSON  
EXECUTIVE DIRECTOR

JA

Enclosure

c: Counsel to the Authority

**AMENDMENT NUMBER ONE HUNDRED NINE  
TO AGREEMENT NO. LA-RICS 007  
FOR  
LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM  
LAND MOBILE RADIO SYSTEM**

---

**RECITALS**

This Amendment Number One Hundred Nine (together with all exhibits, attachments, and schedules hereto, "Amendment No. 109") is entered into by and between the Los Angeles Regional Interoperable Communications System Authority ("Authority") and Motorola Solutions, Inc. ("Contractor"), effective as of January \_\_\_\_\_ 2023, based on the following recitals:

Whereas, the Authority and Contractor have entered into that certain Agreement No. LA-RICS 007 for Los Angeles Regional Interoperable Communications System ("LA-RICS") Land Mobile Radio System, dated as of August 15, 2013 (together with all exhibits, attachments, and schedules thereto, all as amended prior to the date hereof, the "Agreement").

Whereas, since the execution of the Agreement, the Agreement has been previously amended both mutually, and in certain instances unilaterally, pursuant to Amendment Nos. 1 through 100.

Whereas, the Authority has previously amended unilaterally in Amendment Number One-Hundred One – Unilateral Amendment No. 29, issued on June 29, 2022 to (a) incorporate an LMR Change Order for access road maintenance work at the Pine Mountain (PMT) site for a cost increase in the amount of \$4,887; (b) increase the Maximum Contract Sum by \$4,887 from \$215,373,672 to \$215,378,559; and (c) make other certain changes as set forth in Unilateral Amendment No. 29.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Two, effective July 11, 2022, to (a) extend certain Bridge Warranty services, in particular, Security Update Services (SUS) and Remote Security Update Services (RSUS) until December 31, 2022, as further described in Amendment No. 102 for a cost increase in the amount of \$28,587; (b) increase the Maximum Contract Sum by \$28,587 from \$215,378,559 to \$215,407,146; and (c) make other certain changes as set forth in Amendment No. 102.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Three, effective August 15, 2022, to (a) reflect a reduction in the cost for ACVRS TRO5 Subsystem Addition work at the Signal Hill (SGH) site and the San Pedro Hill (SPH) site in the amount of \$189,259; (b) reflect a reduction in the scope and cost related to existing tower removal work at the Mirador (MIR) site in the amount of \$10,136; (c) decrease the Maximum Contract Sum by \$199,395 from \$215,407,146 to \$215,207,751; and (d) make other certain changes as set forth in Amendment No. 103.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Four, effective November 14, 2022, to (a) include a Bridge Warranty for the Narrowband Mobile Data Network (NMDN) Subsystem (Phase 1), corresponding Backhaul Subsystem necessary for use of the NMDN Subsystem (Phase 1), and

Common Platform Subsystem to bridge the gap in warranty services for a period of twelve (12) months, until such time as Final LMR System Acceptance is achieved for a cost increase in the amount of \$1,067,684; (b) increase the Maximum Contract Sum by \$1,067,684 from \$215,207,751 to \$216,275,435; and (c) make other certain changes as set forth in Amendment No. 104.

Whereas, the Authority has previously amended unilaterally in Amendment Number One-Hundred Five – Unilateral Amendment No. 30, issued on November 16, 2022, to (a) reconcile Exhibit C.2 (Phase 1 – System Design) to reflect a cost decrease in an amount of \$122,264; (b) reconcile Exhibit C.17 (LMR Change Order Modifications) to reflect a cost decrease in an amount of \$120,647; (c) reconcile Exhibit C.19 (Channel 15 and Channel 16 Interference Mitigation) to reflect a cost decrease in the amount of \$115,920; (d) reflect a cost neutral transfer of discounts from Exhibit C.4 (Phase 3 – Supply LMR System Components) to Exhibit C.15 (LMR System Discounts) in the amount of \$361,900; (e) reflect a cost neutral transfer of a discount from Exhibit C.17 (LMR Change Order Modifications) to Exhibit C.3 (Phase 2 – Site Construction and Site Modification) in the amount of \$121,819; (f) reflect an adjustment to holdback in the amount of \$64,774; (g) decrease the Maximum Contract Sum by \$358,830 from \$216,275,434 to \$215,916,604; and; and (h) make other certain changes as set forth in Unilateral Amendment No. 30.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Six, effective November 29, 2022, to (a) incorporate an LMR Change Order for DTVRS Antenna Changes to Mitigate UHF DTV Channel 15 at the Tejon Peak (TPK) site for a cost increase in the amount of \$42,546; (b) increase the Maximum Contract Sum by \$42,546 from \$215,916,604 to \$215,959,150; and (c) make other certain changes as set forth in Amendment No. 106.

Whereas, the Authority has previously amended unilaterally in Amendment Number One-Hundred Seven – Unilateral Amendment No. 31, issued on December 1, 2022, to (a) incorporate an LMR Change Order for tower foundation rock excavation work at the Mount Lukens 2 (MTL2) site for a cost increase in the amount of \$57,675; (b) increase the Maximum Contract Sum by \$57,675 from \$215,959,150 to \$216,016,825; and (c) make other certain changes as set forth in Unilateral Amendment No. 31.

Whereas, the Agreement has been previously amended in Amendment No. One-Hundred Eight, effective December 6, 2022, to (a) incorporate a Change Order for costs related to temporary outage of the roll-up generator located at the Burnt Peak 1 (BUR1) site for a cost increase in the amount of \$3,263; (b) increase the Maximum Contract Sum by \$3,263 from \$216,016,825 to \$216,020,088; and (c) make other certain changes as set forth in Amendment No. 108.

Whereas, the Authority and Contractor desire to further amend the Agreement to make changes necessary to (a) adopt a new Project Schedule; (b) incorporate costs related to Phase 1 permit work at the Topanga Relay (TOP Relay) site for a cost increase in the amount of \$2,379; (c) increase the Maximum Contract Sum by \$2,379 from

\$216,020,088 to \$216,022,467; and (d) make other certain changes as set forth in this Amendment No. 109.

NOW THEREFORE, in consideration of the foregoing recitals, all of which are incorporated as part of this Amendment No. 109, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, Authority and Contractor hereby agree as follows:

1. Capitalized Terms; Section References. Capitalized terms used herein without definition (including in the recitals hereto), have the meanings given to such terms in the Agreement. Unless otherwise noted, section references in this Amendment No. 109 refer to sections of the Agreement, as amended by this Amendment No. 109.
2. Purpose of this Amendment No. 109. Baseline Project Schedule DD08 November 2022 approved through the Work Acceptance Certificate ("WAC") process in Amendment No. 92 has been re-planned. The Parties therefore desire to execute a WAC for a re-planned Baseline Project Schedule for the management of the remaining Work to be performed on the LA-RICS Project without waiving or releasing any of their respective rights, claims, and remedies, or their respective defenses as specifically described in paragraph 4.1 of this Amendment No. 109.
3. Inclusion of TOP Phase 1 Work. The parties agree and acknowledge the Contractor will be compensated for Phase 1 permit costs related to the Topanga Relay (TOP Site) site pursuant to this Section 3, in exchange for \$2,379 as set forth in Exhibit C.17 (LMR Change Order Modifications) of Exhibit C (Schedule of Payments).

Item No.	Site ID	Site Name	Description	Amount
1.	TOP Relay	Topanga Relay	Phase 1 Permit	\$2,379
TOTAL AMOUNT:				\$2,379

4. No Waiver or Release of Rights, Claims, Remedies or Defenses
  - 4.1 Notwithstanding any other provision of the Agreement, as amended to date, including, but not limited to, Section 2.3.10.1 of the Agreement, nothing in this Amendment No. 109 or in the executed version of the Work Acceptance Certificate attached hereto as Attachment A ("November 2022 WAC") constitutes, or shall be construed to constitute, an accord and satisfaction, or settlement, or waiver, or relinquishment, of any claims by Contractor against the Authority, or any rights or remedies of Contractor against the Authority, including, but not limited to, any claims, rights, defenses or remedies with respect to an increase in the Contract Sum, or any other additional compensation on account of any delays to the progress of the Work, or on account of any claimed extra work, changed work, Agreement

Time, or extended warranty under the Agreement, and nothing in this Amendment No. 109 shall preclude, or be construed to preclude, any claims by Contractor against the Authority for an increase in the Contract Sum, dispute of liquidated damages, extension of Agreement Time, or any other additional compensation in connection with the Work, or any equitable adjustment to the Phase 1 Completion Date, Phase 2 Completion Date, Phase 3 Completion Date, and/or Phase 4 Completion date in accordance with the terms of this Amendment No. 109 or any other provision of the Agreement. Contractor expressly reserves, and does not waive, any and all claims, rights, defenses, and remedies it may have against the Authority, whether under the Agreement, at law, or in equity, with respect to an increase in the Contract Sum, extension in Agreement Time, and/or any other additional compensation, on account of any delay(s) to the progress of the Work under the Agreement, and/or any changed work and/or extra work and/or extended warranty under the Agreement, including, but not limited to, with respect to an increase in the Contract Sum and/or other additional compensation to compensate Contractor for additional costs and expenses incurred in connection with the facts and circumstances which gave rise the extensions of the Phase 1 Completion Date, Phase 2 Completion Date, Phase 3 Completion Date, and Phase 4 Completion Date set forth herein. For the purposes of clarity, Contractor maintains its position that it can seek any claims under the Agreement and that nothing has expired or been waived by operation of law or pursuant to the terms of the Agreement. The Authority disagrees, and maintains its right to assert that it has expired or been waived.

- 4.2 Notwithstanding any other provision of the Agreement, as amended to date, nothing in this Amendment No. 109 or in the executed version of the November 2022 WAC constitutes, or shall be construed to constitute, an accord and satisfaction, or settlement, or waiver, or relinquishment, of any claims by Authority against the Contractor, or any rights, defenses, or remedies of Authority against the Contractor, including, but not limited to, for any claims by the Authority for liquidated damages for late completion happening before and without regard to the September 2021 WAC (including the \$10M assessed by the Authority on March 11, 2021) even though Contractor has extended the completion dates of milestones and scheduled activities in the current Project Schedule, or any claims by the Authority that the Contractor is not entitled to an increase in the Contract Sum or additional compensation on account of delays, or on account of changed work or extra work. The Authority expressly reserves, and does not waive, any and all claims, rights, defenses, and remedies it may have against the Contractor, whether under the Agreement, at law, or in equity, including, but not limited to, with respect to liquidated damages for late completion of Work happening before and without regard to the September 2021 WAC (including the \$10M assessed by the Authority on March 11, 2021) even though Contractor has extended the completion dates of

milestones and scheduled activities in the current Project Schedule, and/or with respect to any claims that the Contractor is not entitled to an increase in the Contract Sum or other additional compensation on account of delays to the progress of the Work, or for extra work and/or changed work. For the purposes of clarity, Contractor maintains its position that it can seek any claims under the Agreement and that nothing has expired or been waived by operation of law or pursuant to the terms of the Agreement. The Authority disagrees, and maintains its right to assert that such claims have expired or been waived.

5. Amendments to the Agreement.

5.1 Notwithstanding any other provision of the Agreement or of any other Amendment thereto, the Authority and Contractor agree to adopt a re-planned Baseline Project Schedule for the remaining Work for the LA-RICS LMR project. The detailed data file for this new Baseline Project Schedule was submitted by Contractor on November 20, 2022, and is entitled "LA-RICS LMR IMS Monthly All Activities\_DD\_08Nov2022v2. For Information Only. Not contractually binding until approved through the WAC process.", and is accepted by the Authority by the execution of the Work Acceptance Certificate (WAC), attached hereto as Attachment A (the November 2022 WAC). A printout of this re-planned Baseline Project Schedule is attached hereto as Attachment B to this Amendment No. 109. The re-planned Baseline Project Schedule sets new Milestone dates for project activities, which include, but are not limited to, the following:

- (i) the Agreement Time with respect to the new Milestone date for Contractor to achieve completion of the remaining Phase 1 radio design Work as set forth in Section 4.1.2.1(a)(i) of the Agreement ("Phase 1 Completion Date") is changed to December 30, 2022 (the "Phase 1 Completion Date"), subject to adjustment as provided in the Agreement and/or in this Amendment No. 109.
- (ii) the Agreement Time with respect to the new Milestone date for Contractor to achieve completion of the remaining Phase 2 Work under the Agreement, as such Phase 2 Work is set forth in Section 4.1.2.1.(a)(ii) of the Agreement, is changed to March 9, 2023 (the "Phase 2 Completion Date"), subject to adjustment as provided in the Agreement and/or in this Amendment No. 109. Phase 2 construction at the MCI site is not a Contractor Deliverable/Milestone and is the responsibility of the Authority.
- (iii) the Agreement Time with respect to the new Milestone date for Contractor to achieve completion of the remaining Phase 3 Work under the Agreement, as such Phase 3 Work (Phase 4a equipment) is set forth in Section 4.1.21(a)(iii) of the Agreement (the "Phase 3 Completion Date") is hereby changed to October, 2023, subject to

adjustment as provided in the Agreement and/or in this Amendment No. 109.

- (iv) the Agreement Time with respect to the new Milestone date for Contractor to achieve completion of the remaining Phase 4 Work under the Agreement, as such Phase 4 Work is set forth in Section 4.1.21(a)(iii) of the Agreement (the "Phase 4 Completion Date") is hereby changed to October 19, 2023, subject to adjustment as provided in the Agreement and/or in this Amendment No. 109.

5.2 Notwithstanding paragraph 4.1 above, the Authority's acceptance of this new schedule shall not constitute the Authority's acceptance of unauthorized changes to actualized dates. The parties agree to review this issue and correct any actualized dates that were incorrectly changed.

5.3 Section 8.1 (Maximum Contract Sum and Contract Sum – General), in particular Section 8.1.1 of the Base Document, is deleted in its entirety and replaced with the following:

8.1.1 The "Maximum Contract Sum" under this Agreement is Two Hundred Sixteen Million, Twenty-Two Thousand, Four Hundred Sixty-Seven Dollars (\$216,022,467) which includes the Contract Sum and all Unilateral Option Sums, as set forth in Exhibit C (Schedule of Payments).

5.4 Section 24.4 (Limitation of Liability), in particular Section 24.4.1 of the Base Document, is deleted in its entirety and replaced with the following:

24.4.1 Except for liability resulting from personal injury, harm to tangible property, or wrongful death, Contractor's total liability to the Authority, whether for breach of contract, warranty, negligence, or strict liability in tort, will be limited in the aggregate to direct damages no greater than One Hundred Fifty-Nine Million, Five Hundred Sixty-One Thousand, Seven Hundred Twenty-Six Dollars (\$159,561,726). Notwithstanding the foregoing, Contractor shall not be liable to the Authority for any special, incidental, indirect, or consequential damages.

6. Contractor Assumptions.

6.1 Contractor assumes that the re-planned Baseline Project Schedule implemented by this Amendment does not include substitution, change of location, or addition of future extra work or changed work to the existing 59 sites, which includes MCI.

6.2 The Contractor assumes uninterrupted site access to all LMR System Sites through Final System Acceptance and Phase 5 System Maintenance.

- 6.3 The Contractor assumes all NMDN Phase 1 frequencies will be licensed no later than May 17, 2022.
7. Amendments to Agreement Exhibits.
- 7.1 Exhibit C.1 (LMR System Payment Summary) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.1 (LMR System Payment Summary), which is attached to this Amendment No. 109 and incorporated herein by this reference, to incorporate one (1) COR described in this Amendment No. 109.
- 7.2 Exhibit C.17 (LMR Change Order Modifications) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.17 (LMR Change Order Modifications), which is attached to this Amendment No. 109 and incorporated herein by this reference, to incorporate one (1) COR described in this Amendment No. 109.
- 7.3 Exhibit C.22 (LMR Subsystem Acceptance Payment Schedule) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.22 (LMR Subsystem Acceptance Payment Schedule), which is attached to this Amendment No. 109 and incorporated herein by this reference.
8. This Amendment No. 109 shall become effective as of the date identified in the recitals, which is the date upon which:
- 8.1 An authorized agent of Contractor has executed this Amendment No. 109;
- 8.2 Los Angeles County Counsel has approved this Amendment No. 109 as to form;
- 8.3 The Board of Directors of the Authority has authorized the Executive Director of the Authority, if required, to execute this Amendment No. 109;
- 8.4 The Executive Director of the Authority has executed this Amendment No. 109.
9. Except as expressly provided in this Amendment No. 109, all other terms and conditions of the Agreement, as amended, shall remain the same and in full force and effect.
10. Contractor and the person executing this Amendment No. 109 on behalf of Contractor represent and warrant that the person executing this Amendment No. 109 for Contractor is an authorized agent who has actual authority to bind Contractor to each and every term and condition of this Amendment No. 109, and that all requirements of Contractor to provide such actual authority have been fulfilled.

11. This Amendment No. 109 may be executed in one or more original or facsimile counterparts, all of which when taken together shall constitute one in the same instrument.

\* \* \*

**AMENDMENT NUMBER ONE HUNDRED NINE**  
**TO AGREEMENT NO. LA-RICS 007**  
**FOR**  
**LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM**  
**LAND MOBILE RADIO SYSTEM**

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 109 to be executed on their behalf by their duly authorized representatives, effective as of the date first set forth above.

LOS ANGELES REGIONAL  
INTEROPERABLE COMMUNICATIONS  
SYSTEM AUTHORITY

MOTOROLA SOLUTIONS, INC.

By: \_\_\_\_\_

Scott Edson  
Executive Director

By: \_\_\_\_\_

Arturs A. Vanags  
Motorola Project Director

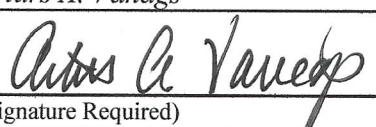
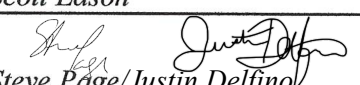

APPROVED AS TO FORM FOR THE LOS  
ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY:

DAWYN R. HARRISON  
Interim County Counsel

By: \_\_\_\_\_

Truc L. Moore  
Principal Deputy County Counsel

## WORK ACCEPTANCE CERTIFICATE

<b>CONTRACTOR NAME/ADDRESS</b>  <p align="center"><i>Motorola Solutions, Inc.</i> 725 S. Figueroa Street Ste 1855, Los Angeles, CA 90017</p>		<b>TRANSMITTAL DATE</b>  <p align="center">12-07-22</p>	
<b>Los Angeles Regional Interoperable Communication System (LA-RICS) – Land Mobile Radio System</b>		<b>AGREEMENT NO.</b>  <p align="center"><b>LA-RICS 007</b></p>	
<b>FROM: Contractor Project Director</b>  Name: <u>Arturs A. Vanags</u>  (Signature Required)		<b>TO: Authority Project Director</b>  Name: <u>Scott Edson</u>  cc: <u>Steve Page/Justin Delfino</u> Acting Program Mgr. Program Director 12/07/2022	
<p>Contractor hereby certifies to the Authority that as of the date of this Work Acceptance Certificate, it has satisfied all conditions precedent in the above Agreement (including the Exhibits thereto, any applicable change orders, Proceed Orders and Amendments entered into and approved by the Authority thereunder) to the completion of the Work described below, including satisfaction of all completion criteria to such Work (including obtaining the Authority's approval of any other Work which is a prerequisite to obtaining the Authority's approval of the Work described below). Contractor further represents and warrants that the Work described below has been completed in accordance with the Agreement, including the Exhibits thereto, any applicable change orders, Proceed Orders, Amendments, and RFQs entered into and approved by the Authority thereunder. The Authority's approval and signature constitutes an Acceptance of the Work described below. Capitalized terms used in this Work Acceptance Certificate without definition have the meanings given to such terms in the Agreement.</p>			
<b>TASK DESCRIPTION</b> (Including Task and Subtask number as set forth in Exhibit A (Statement of Work) and Exhibit B (LMR System Specifications))  Exhibit A.1.4 Integrated Master Schedule (IMS) Task A.1.4:Create Integrated Master Schedule ((IMS)		<b>DELIVERABLE(S)</b> (Including Task and Subtask number as set forth in Exhibit A (Statement of Work) and Exhibit B (LMR System Specifications))  Contractor submits a re-planned Baseline Integrated Master Schedule using Microsoft Project, Phase 1-5. This Data Date 08 November2022v2 Project Schedule was submitted to the Authority via Prolog Transmittal No: MSI-LMR-4911 on 11/20/2022, which was captioned as "For Information Only. Not contractually binding until approved through the WAC process". That schedule is approved and accepted by the Authority's Project Director with the execution of this WAC and shall be contractually binding.	
Applicable LMR Amendment No. 109 has been executed and is incorporated herein by reference.			
<b>AUTHORITY ACCEPTANCE:</b>  Name: <u>Scott Edson</u> Signature:  Date: <u>12/29/22</u> Authority Project Director			

LA-RICS LMR IMS Monthly All Activities as of 08 November 2022												Data Date: 11/8/22											
For information only. Not contractually binding until approved through the WAC process																							
ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	23585				LARICS LMR	97%	2044 d	9/26/16	9/26/16	10/21/24	NA												
2	36672		AGH		Agoura Hills_AGH	98%	1051 d	11/1/18	11/1/18	12/30/22	NA												
3	36673		AGH	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	216 d	11/1/18	11/1/18	9/9/19	9/9/19												
4	36674	LARICS	AGH	Phase 1	SAA - Amendment to the Site Access Agreement	100%	1 d	3/8/19	3/8/19	3/8/19	3/8/19												
5	37428		AGH	Phase 1	Building Permit	100%	132 d	11/1/18	11/1/18	5/10/19	5/10/19												
6	36680	PNS	AGH	Phase 1	Jurisdiction Review and Issue of Permit - BP Package	100%	51 d	11/1/18	11/1/18	1/16/19	1/16/19												
7	36681	PNS	AGH	Phase 1	Jurisdiction Review and Issue of Tower Permit - BP Package	100%	14 d	2/18/19	2/18/19	3/7/19	3/7/19												
8	37004	PNS	AGH	Phase 1	New Design - Tower Materials Ordered / Ready to Ship	100%	72 d	1/31/19	1/31/19	5/10/19	5/10/19												
9	36682		AGH	Phase 1	Power Design	100%	55 d	6/24/19	6/24/19	9/9/19	9/9/19												
10	36683	PNS	AGH	Phase 1	Utility Power Application Submitted and Accepted by Utility Co. Rev 1	100%	14 d	6/24/19	6/24/19	7/15/19	7/15/19												
11	36684	PNS	AGH	Phase 1	KAIC Interrupt Current Requested and Received from SCE Planner Rev 1	100%	40 d	7/16/19	7/16/19	9/9/19	9/9/19												
12	36685	PNS	AGH	Phase 1	Utility Power Design Created, Received and Confirmed in Polygon Rev 1	100%	40 d	7/16/19	7/16/19	9/9/19	9/9/19												
13	36686	PNS	AGH	Phase 1	Utility Power Design Received by A&E Rev 1	100%	0 d	9/9/19	9/9/19	9/9/19	9/9/19												
14	36687		AGH	Phase 2	Phase 2 - Site Construction	97%	965 d	3/8/19	3/8/19	12/30/22	NA												
15	36695	LARICS	AGH	Phase 2	SCE Obtains Encroachment Permit	100%	1 d	3/8/19	3/8/19	3/8/19	3/8/19												
16	37008	LARICS	AGH	Phase 2	Easement Re-application by the Authority	100%	151 d	3/15/19	3/15/19	10/15/19	10/15/19												
17	36696	LARICS	AGH	Phase 2	HOA Signature for Easement	100%	225 d	3/15/19	3/15/19	2/3/20	2/3/20												
18	36700	PNS	AGH	Phase 2	Construction commencement of work	100%	1 d	3/11/19	3/11/19	3/11/19	3/11/19												
20	40574	LARICS	AGH	Phase 2	SCE Easement Issue	100%	47 d	4/1/20	4/1/20	6/5/20	6/5/20												
21	36709		AGH	Phase 2	Antenna Support Structure Construction	100%	86 d	4/23/19	4/23/19	8/22/19	8/22/19												
22	36710	PNS	AGH	Phase 2	Tower Foundation Construction	100%	5 d	4/23/19	4/23/19	4/29/19	4/29/19												
23	36711	PNS	AGH	Phase 2	New Tower Installation	100%	5 d	5/15/19	5/15/19	5/21/19	5/21/19												
24	36712	PNS	AGH	Phase 2	Install Tower Mounts	100%	3 d	8/20/19	8/20/19	8/22/19	8/22/19												
25	36713	PNS	AGH	Phase 2	Antenna Support Structure Completed	100%	0 d	8/22/19	8/22/19	8/22/19	8/22/19												
26	36714		AGH	Phase 2	Shelter Construction	100%	99 d	4/4/19	4/4/19	8/22/19	8/22/19												
27	36715	PNS	AGH	Phase 2	Shelter Foundation Construction	100%	13 d	4/4/19	4/4/19	4/22/19	4/22/19												
28	36716	PNS	AGH	Phase 2	CMU Shelter Build/HVAC/FS Installation	100%	89 d	4/18/19	4/18/19	8/22/19	8/22/19												
29	36720	PNS	AGH	Phase 2	Shelter Construction Completed	100%	0 d	8/22/19	8/22/19	8/22/19	8/22/19												
30	36722		AGH	Phase 2	Power Infrastructure	100%	99 d	2/21/20	2/21/20	7/10/20	7/10/20												
31	38909	LARICS	AGH	Phase 2	SCE Inspector Available	100%	6 d	2/21/20	2/21/20	2/28/20	2/28/20												
32	36723	PNS	AGH	Phase 2	Install Power Infrastructure	100%	23 d	3/2/20	3/2/20	4/1/20	4/1/20												
33	40738	PNS	AGH	Phase 2	Resume Install Power Infrastructure	100%	13 d	6/16/20	6/16/20	7/2/20	7/2/20												
34	41081	PNS	AGH	Phase 2	Side Walk & Driveway Repair	100%	2 d	7/6/20	7/6/20	7/7/20	7/7/20												
35	36724	PNS	AGH	Phase 2	Jurisdiction Inspection and Approval for Power On (Green tag)	100%	0 d	7/10/20	7/10/20	7/10/20	7/10/20												
36	36728		AGH	Phase 2	Emergency Power System	100%	100 d	4/4/19	4/4/19	8/23/19	8/23/19												
37	36729	PNS	AGH	Phase 2	Foundation for Emergency Power System	100%	28 d	4/4/19	4/4/19	5/13/19	5/13/19												
38	36731	PNS	AGH	Phase 2	Generator (cold set) & Fuel Tank Set/Construct CMU Wall	100%	31 d	5/14/19	5/14/19	6/26/19	6/26/19												
39	36732	PNS	AGH	Phase 2	New Generator Prepped for Start up	100%	14 d	8/5/19	8/5/19	8/22/19	8/22/19												
40	37018	PNS	AGH	Phase 2	Emergency Power Start Up	100%	1 d	8/23/19	8/23/19	8/23/19	8/23/19												
41	38252	PNS	AGH	Phase 2	Emergency Power System Completed	100%	0 d	8/23/19	8/23/19	8/23/19	8/23/19												
42	36736		AGH	Phase 2	Grounding, Compound completion and Close-Out	93%	847 d	8/23/19	8/23/19	12/30/22	NA												
43	36738	PNS	AGH	Phase 2	Ice Bridge and Fencing Installation & Grounding	100%	16 d	8/23/19	8/23/19	9/13/19	9/13/19												
44	36739	PNS	AGH	Phase 2	Site Substantially Complete	100%	0 d	7/10/20	7/10/20	7/10/20	7/10/20												
45	41119	PNS	AGH	Phase 2	Order SCE required Road Markers for Vaults per Inspector	100%	10 d	7/13/20	7/13/20	7/24/20	7/24/20												
46	41118	PNS	AGH	Phase 2	Road Markers for Vaults Installed	100%	1 d	7/27/20	7/27/20	7/27/20	7/27/20												
47	41476	PNS	AGH	Phase 2	Final Electrical Work	100%	1 d	10/14/20	10/14/20	10/14/20	10/14/20												
48	36744	PNS	AGH	Phase 2	Civil & A&E MSI/PNS Site Audit and report completed	100%	0 d	12/2/20	12/2/20	12/2/20	12/2/20												
49	38745	PNS	AGH	Phase 2	Civil & A&E Site Audit Corrections Addressed	100%	31 d	12/3/20	12/3/20	1/21/21	1/21/21												
50	42414	LARICS/MS	AGH	Phase 2	Civil Site Audit & Punch Walk with the Authority	100%	1 d	3/1/21	3/1/21	3/1/21	3/1/21												
51	37011	PNS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	123 d	1/22/21	1/22/21	7/14/21	7/14/21												
52	38277	LARICS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	8 d	7/15/21	7/15/21	7/26/21	7/26/21												
53	43141	PNS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 2)	100%	62 d	9/14/21	9/14/21	12/10/21	12/10/21												
54	43140	LARICS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	19 d	12/13/21	12/13/21	1/11/22	1/11/22												
55	43295	PNS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	100%	21 d	1/13/22	1/13/22	2/11/22	2/11/22												
56	43139	LARICS/MS	AGH	Phase 2	Joint Review of Civil & A&E Close-out Soft Copy Package	100%	1 d	2/16/22	2/16/22	2/16/22	2/16/22												
57	43414	PNS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed from Joint review and resubmitted to Authority (Rev 4)	100%	1 d	2/17/22	2/17/22	2/17/22	2/17/22												
58	43413	LARICS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 4)	100%	22 d	2/18/22	2/18/22	3/21/22	3/21/22												
59	44109	PNS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 5)	100%	67 d	3/22/22	3/22/22	6/23/22	6/23/22												
60	44108	LARICS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval for construction	100%	1 d	6/23/22	6/23/22	6/23/22	6/23/22												
61	43296	LARICS	AGH	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolog 100%)	100%	1 d	6/23/22	6/23/22	6/23/22	6/23/22												
62	41884	PNS	AGH	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	20 d	7/1/22	7/1/22	7/29/22	7/29/22												
63	41885	LARICS	AGH	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	68%	105 d	8/1/22	8/1/22	12/30/22	NA												

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AGENDA ITEM J - ENCLOSURE



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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
128	36634		BHS	Phase 2	Emergency Power System	100%	58 d	7/6/20	7/6/20	9/24/20	9/24/20												
129	36635	PNS	BHS	Phase 2	Pre-fab Generator Shelter & Fuel Tank Foundation	100%	15 d	7/6/20	7/6/20	7/24/20	7/24/20												
130	36637	PNS	BHS	Phase 2	Generator (cold set) & Fuel Tank Set/Construct CMU Wall	100%	15 d	7/27/20	7/27/20	8/14/20	8/14/20												
131	36638	PNS	BHS	Phase 2	New Generator Prepped for Start up	100%	5 d	8/20/20	8/20/20	8/26/20	8/26/20												
132	41399	PNS	BHS	Phase 2	Generator Alarm Connections - Final Connections	100%	2 d	9/23/20	9/23/20	9/24/20	9/24/20												
133	37071	PNS	BHS	Phase 2	Emergency Power Start Up and Verified (Pre-commissioning #1)	100%	1 d	8/28/20	8/28/20	8/28/20	8/28/20												
134	38251	PNS	BHS	Phase 2	Emergency Power System Completed	100%	0 d	8/28/20	8/28/20	8/28/20	8/28/20												
135	36642		BHS	Phase 2	Grounding, Compound completion and Close-Out	100%	213 d	7/28/20	7/28/20	6/1/21	6/1/21												
136	36644	PNS	BHS	Phase 2	Ice Bridge and Grounding	100%	3 d	7/28/20	7/28/20	7/30/20	7/30/20												
137	41448	PNS	BHS	Phase 2	Fencing Installation	100%	5 d	9/24/20	9/24/20	9/30/20	9/30/20												
138	38253	PNS	BHS	Phase 2	Site Substantially Complete Milestone	100%	0 d	10/8/20	10/8/20	10/8/20	10/8/20												
139	36650	PNS	BHS	Phase 2	Site Ready for Civil A&E Walk	100%	1 d	11/19/20	11/19/20	11/20/20	11/20/20												
140	38747	PNS	BHS	Phase 2	Civil & A&E MSI/PNS Site Audit and report completed	100%	0 d	11/20/20	11/20/20	11/20/20	11/20/20												
141	38748	PNS	BHS	Phase 2	Civil & A&E Site Audit Corrections Addressed	100%	10 d	11/23/20	11/23/20	12/7/20	12/7/20												
142	37122	PNS	BHS	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	12 d	12/8/20	12/8/20	12/23/20	12/23/20												
143	38285	LARICS	BHS	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed & Approved by The Authority	100%	42 d	12/28/20	12/28/20	2/26/21	2/26/21												
144	42073	LARICS	BHS	Phase 2	Review and resolution of questions on Soft Copy Close Out Package with MSI	100%	25 d	3/1/21	3/1/21	4/2/21	4/2/21												
145	42074	LARICS	BHS	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority	100%	13 d	4/5/21	4/5/21	4/21/21	4/21/21												
146	41897	PNS	BHS	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	1 d	5/24/21	5/24/21	5/24/21	5/24/21												
147	41898	LARICS	BHS	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	100%	5 d	5/25/21	5/25/21	6/1/21	6/1/21												
148	36652	LARICS	BHS	Phase 2	Phase 2 Customer Acceptance (less Utility power)	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21												
149	37070		BHS	Phase 2	Commercial Utility Power Infrastructure and Start up	100%	179 d	10/16/20	10/16/20	7/2/21	7/2/21												
152	41555	LARICS	BHS	Phase 1	Jurisdiction Inspector to submit Meter Release to SCE	100%	66 d	10/16/20	10/16/20	1/25/21	1/25/21												
153	41208	LARICS	BHS	Phase 2	SCE Material Procurement	100%	24 d	1/26/21	1/26/21	2/26/21	2/26/21												
154	37073	LARICS	BHS	Phase 2	SCE Installation of Commercial Infrastructure and Setting Power Meter	100%	36 d	3/1/21	3/1/21	4/19/21	4/19/21												
155	38417	PNS	BHS	Phase 2	FSS & HVAC Startup	100%	35 d	5/14/21	5/14/21	7/2/21	7/2/21												
156	37074	LARICS	BHS	Phase 2	Phase 2 Customer Acceptance with Power On	100%	0 d	4/19/21	4/19/21	4/19/21	4/19/21												
157	37072	PNS/LARICS	BHS	Phase 2	Site Complete with Power	100%	0 d	7/2/21	7/2/21	7/2/21	7/2/21												
158	36401		BJM		Black Jack Peak_BJM	99%	1551 d	10/25/16	10/25/16	12/7/22	NA												
159	36402		BJM	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	1316 d	10/25/16	10/25/16	1/4/22	1/4/22												
160	36403	LARICS	BJM	Phase 1	SAA - Site Access Agreement Finalized (for construction related activities)	100%	1020 d	10/25/16	10/25/16	10/28/20	10/28/20												
161	36405	LARICS	BJM	Phase 3	LA-RICS issues NTP for Phase 3	100%	1 d	6/28/19	6/28/19	6/28/19	6/28/19												
162	39766	LARICS	BJM	Phase 3	LA-RICS issues NTP for NMDN	100%	1 d	10/1/19	10/1/19	10/1/19	10/1/19												
163	36417	MSI	BJM	Phase 1	MSI Issues NTP to PNS to Order Tower w/ Assembly	100%	1 d	9/24/20	9/24/20	9/24/20	9/24/20												
164	37077	PNS	BJM	Phase 1	New Design - Tower Materials Ordered/Ready to Ship	100%	228 d	9/25/20	9/25/20	8/19/21	8/19/21												
165	42845	PNS	BJM	Phase 1	MSI issues NTP PNS Construction Materials	100%	1 d	9/24/20	9/24/20	9/24/20	9/24/20												
166	42844	PNS	BJM	Phase 1	Generator Ordered and received at site	100%	214 d	1/19/21	1/19/21	11/16/21	11/16/21												
167	41050	PNS	BJM	Phase 1	ACM & LCP Testing inside ISD - Scheduled	100%	9 d	7/2/20	7/2/20	7/15/20	7/15/20												
168	41149	PNS	BJM	Phase 1	ACM & LCP Testing inside ISD Existing Shelter Including Report	100%	8 d	7/16/20	7/16/20	7/27/20	7/27/20												
169	41442	PNS	BJM	Phase 1	Final Tower & Tower Foundation Design Ordered/Received and Internally Reviewed (Includes Anchor and Foundation details for Permitting) - Change	100%	6 d	9/16/20	9/16/20	9/23/20	9/23/20												
170	41836	PNS	BJM	Phase 1	Pre-Con Plan (preparation and submittal to LA-RICS) REV.1	100%	33 d	11/18/20	11/18/20	1/8/21	1/8/21												
171	41837	LARICS	BJM	Phase 1	Pre-Con Plan reviewed and approved by LA-R																		

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ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
194	41082	PNS	BJM	Phase 1	Construction Drawings - 100% CD REV.4 Created and Comments Address	100%	1 d	6/29/20	6/29/20	6/29/20	6/29/20												
195	41083	LARICS	BJM	Phase 1	Construction Drawings - 100% CD REV.4 Submitted to LA-RICS and Autho	100%	1 d	6/30/20	6/30/20	6/30/20	6/30/20												
196	41096	LARICS	BJM	Phase 1	Phase 1 Design Requirements Impasse – Review and Resolution	100%	10 d	7/1/20	7/1/20	7/15/20	7/15/20												
197	41098	PNS	BJM	Phase 1	Construction Drawings - 100% CD REV.5 Created and Comments Address	100%	6 d	7/16/20	7/16/20	7/23/20	7/23/20												
198	41191	LARICS	BJM	Phase 1	Phase 1 Design Requirements Impasse – Review and Resolution - Generator & Sound Attenuation	100%	35 d	7/24/20	7/24/20	9/11/20	9/11/20												
199	41097	LARICS	BJM	Phase 1	Construction Drawings - 100% CD REV.5 Submitted to LA-RICS and Autho	100%	15 d	8/25/20	8/25/20	9/15/20	9/15/20												
200	41437	PNS	BJM	Phase 1	Construction Drawings - 100% CD REV.6 Created and Comments Address	100%	2 d	9/24/20	9/24/20	9/25/20	9/25/20												
201	41438	LARICS	BJM	Phase 1	Construction Drawings - 100% CD REV.6 Submitted to LA-RICS and Autho	100%	0 d	9/25/20	9/25/20	9/25/20	9/25/20												
202	36436	LARICS	BJM	Phase 1	Construction Drawings - LA-RICS Approves 100% CD (CD Ready to Submi	100%	0 d	9/25/20	9/25/20	9/25/20	9/25/20												
203	40241	LARICS	BJM	Phase 1	LARICS_DRP Approves CD Submittal to LA County DPW	100%	0 d	9/25/20	9/25/20	9/25/20	9/25/20												
204	37082	PNS	BJM	Phase 1	Air Quality Management District (AQMD) Permitting Application Submitted and Permit Received	100%	48 d	10/29/20	10/29/20	1/11/21	1/11/21												
205	42965	LARICS	BJM	Phase 1	Construction Drawings - DPW Approved HVAC & Generator Revision Civil + Electrical Drawings and Structural Calculations Submitted to LA-RICS for	100%	8 d	7/15/21	7/15/21	7/26/21	7/26/21												
206	43107	PNS	BJM	Phase 1	Construction Drawings - DPW Approved HVAC & Generator Revision Civil + Electrical Drawings and Structural Calculations Comment Response	100%	24 d	7/27/21	7/27/21	8/27/21	8/27/21												
207	43108	LARICS	BJM	Phase 1	Construction Drawings REDLINE - DPW Approved HVAC & Generator Revision Civil + Electrical Drawings and Structural Calculations Comment Response Package Submitted to LA-RICS for Site Owner Approval REV1	100%	16 d	8/30/21	8/30/21	9/21/21	9/21/21												
208	43110	PNS	BJM	Phase 1	Construction Drawings RECORD DRAWINGS UPDATE PER APPROVED REDLINES - DPW Approved HVAC & Generator Revision Civil + Electrical Drawings and Structural Calculations Comment Response Package	100%	17 d	9/22/21	9/22/21	10/14/21	10/14/21												
209	43109	LARICS	BJM	Phase 1	Construction Drawings RECORD DRAWINGS UPDATE PER APPROVED REDLINES - DPW Approved HVAC & Generator Revision Civil + Electrical Drawings and Structural Calculations Comment Response Package Submitted to LA-RICS for Site Owner Approval REV1	100%	19 d	10/15/21	10/15/21	11/10/21	11/10/21												
210	43250	LARICS	BJM	Phase 1	Construction Drawings RECORD DRAWINGS UPDATE PER APPROVED REDLINES - DPW Approved HVAC & Generator Revision Civil + Electrical Drawings and Structural Calculations Comment Response Package Submitted to LA-RICS for Site Owner Approval REV2	100%	4 d	11/16/21	11/16/21	11/19/21	11/19/21												
211	42977	LARICS	BJM	Phase 1	FSS Construction Drawings - Fire Suppression System Design Submitted to LA-RICS for Site Owner Approval	100%	11 d	7/22/21	7/22/21	8/5/21	8/5/21												
212	43038	PNS	BJM	Phase 1	FSS Construction Drawings - Fire Suppression System Design Comment Response Package Created	100%	13 d	8/6/21	8/6/21	8/24/21	8/24/21												
213	43037	LARICS	BJM	Phase 1	FSS Construction Drawings - Fire Suppression System Design Comment Response Package Submitted to LA-RICS for Site Owner Approval REV1	100%	14 d	8/25/21	8/25/21	9/14/21	9/14/21												
214	43036	PNS	BJM	Phase 1	FSS Construction Drawings - Fire Suppression System Design Comments Addressed and Response Package Created	100%	36 d	9/15/21	9/15/21	11/3/21	11/3/21												
215	43035	LARICS	BJM	Phase 1	FSS Construction Drawings - Fire Suppression System Design Comment Response Package Submitted to LA-RICS for Site Owner Approval REV2	100%	12 d	11/4/21	11/4/21	11/19/21	11/19/21												
216	43254	LARICS	BJM	Phase 1	FSS Construction Drawings - Fire Suppression System Design Comment Response Package Submitted to LA-RICS for Site Owner Approval REV3	100%	2 d	11/22/21	11/22/21	11/23/21	11/23/21												
217	43257	PNS	BJM	Phase 1	Fuel Tank Foundation Design Revision Submitted to Authority for Informati	100%	11 d	10/15/21	10/15/21	10/29/21	10/29/21												
218	43256	LARICS	BJM	Phase 1	Fuel Tank Foundation Design Revision Comments Response Log Submitted to Authority for Review and Approval	100%	11 d	11/8/21	11/8/21	11/22/21	11/22/21												
219	43255	PNS	BJM	Phase 1	Fuel Tank Foundation Design Revision Comments Addressed Rev. 1 (Drawings Revised by A&E)	100%	1 d	11/22/21	11/22/21	11/22/21	11/22/21												
220	43253	LARICS	BJM	Phase 1	Fuel Tank Foundation Design Revision Comments Addressed and Submitted to Authority for Review and Approval Rev.1	100%	6 d	11/23/21	11/23/21	12/2/21	12/2/21												
221	43398	PNS	BJM	Phase 1	Fuel Tank Foundation Design Revision Comments Addressed Rev.2 (Drawings Revised by A&E)	100%	8 d	12/3/21	12/3/21	12/14/21	12/14/21												
222	43397	LARICS	BJM	Phase 1	Fuel Tank Foundation Design Revision Comments Addressed and Submitted to Authority for Review and Approval Rev.2	100%	12 d	12/15/21	12/15/21	1/4/22	1/4/22												
223	36439		BJM	Phase 1	Zoning Permit - Coastal Site	100%	498 d	2/28/19	2/28/19	2/16/21	2/16/21												
224	36446		BJM	Phase 1	Pre-Application Submittal	100%	105 d	2/28/19	2/28/19	7/26/19	7/26/19												
225	37079	LARICS	BJM	Phase 1	LOA-Letter of Authorization Received	100%	0 d	2/28/19	2/28/19	2/28/19	2/28/19												
226	36456	LARICS	BJM	Phase 1	Coastal Permitting - Zoning Package Submitted to LA-RICS Review/Appr	100%	5 d	7/22/19	7/22/19	7/26/19	7/26/19												
227	40597		BJM	Phase 1	Coastal Permitting - Phase II- Evaluation	100%	230 d	8/5/19	8/5/19	6/29/20	6/29/20												
228	40596	LARICS	BJM	Phase 1	Coastal Permitting - Assigned to Case Planner, Initial Study, Evaluation a	100%	52 d	8/5/19	8/5/19	10/15/19	10/15/19												
229	40595		BJM	Phase 1	Coastal Permitting - Evaluation and review by County Depts	100%	178 d	10/16/19	10/16/19	6/29/20	6/29/20												
230	36458	LARICS	BJM	Phase 1	Coastal Permitting - Zoning Package Comment Response Package Reviewed & Revised - Previous Revisions	100%	125 d	10/16/19	10/16/19	4/14/20	4/14/20												
231	40600	PNS	BJM	Phase 1	Coastal Permitting - Zoning Package Comments Addressed, Response Package Created and Submitted to LA-RICS for Review	100%	8 d	4/15/20	4/15/20	4/24/20	4/24/20												
232	40599	LARICS	BJM	Phase 1	Coastal Permitting - Zoning Package Comment response submitted to and approved by LA-RICS, & submitted to DRP Rev. 1	100%	9 d	4/27/20	4/27/20	5/7/20	5/7/20												
233	40598	LARICS	BJM	Phase 1	Coastal Permitting - Zoning Package Comment Response Package Reviewed and Approved by Department of Regional Planning Rev 1	100%	36 d	5/8/20	5/8/20	6/29/20	6/29/20												
234	40603	LARICS	BJM	Phase 1	Coastal Permitting - DRP Review and Approve Biota Report	100%	0 d	6/29/20	6/29/20	6/29/20	6/29/20												
235	40602	LARICS	BJM	Phase 1	Coastal Permitting - Case Planner Report - With Environmental Docs	100%	0 d	6/29/20	6/29/20	6/29/20	6/29/20												
236	36457		BJM	Phase 1	Coastal Permitting - Phase III - Consideration	100%	98 d	8/3/20	8/3/20	12/18/20	12/18/20												
237	40594	LARICS	BJM	Phase 1	Coastal Permitting - DRP Planner Schedules SEATAC Hearing/ Hearing Held & Comments Received	100%	1 d	8/3/20	8/3/20	8/3/20	8/3/20												



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ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
301	36513	PNS	BJM	Phase 2	AHJ Final Inspection and Approval for Power On (Load Side)	100%	1 d	2/23/22	2/23/22	2/23/22	2/23/22													
302	36517		BJM	Phase 2	Emergency Power System	100%	106 d	8/25/21	8/25/21	1/28/22	1/28/22													
303	36518	PNS	BJM	Phase 2	Foundation for Emergency Power System - Pre Oct Rain (10/25 - 10/26)	100%	42 d	8/25/21	8/25/21	10/22/21	10/22/21													
304	43014	PNS	BJM	Phase 2	EPS Underground to shelter/ATS	100%	20 d	9/3/21	9/3/21	10/1/21	10/1/21													
305	43120	PNS	BJM	Phase 2	Oct 2021 Rain (10/25-10/26) - road closure	100%	2 d	10/25/21	10/25/21	10/26/21	10/26/21													
306	43119	PNS	BJM	Phase 2	Foundation for Emergency Power System - Post Oct Rain (10/25 - 10/26)	100%	4 d	10/27/21	10/27/21	11/1/21	11/1/21													
307	36520	PNS	BJM	Phase 2	Fuel Tank Set	100%	1 d	11/1/21	11/1/21	11/1/21	11/1/21													
308	42841	PNS	BJM	Phase 2	Generator (cold set)	100%	1 d	11/19/21	11/19/21	11/19/21	11/19/21													
309	36521	PNS	BJM	Phase 2	New Generator Prepped for Start Up (prior to Weather related closure)	100%	21 d	11/22/21	11/22/21	12/22/21	12/22/21													
310	43548	PNS	BJM	Phase 2	Site Restricted (Weather and Access Road Closure)	100%	4 d	12/23/21	12/23/21	12/30/21	12/30/21													
311	43547	PNS	BJM	Phase 2	New Generator Prepped for Start Up (post Weather related closure)	100%	19 d	1/3/22	1/3/22	1/28/22	1/28/22													
312	37092	PNS	BJM	Phase 2	Emergency Power Start Up and Verified (Pre-commissioning #1)	100%	1 d	1/28/22	1/28/22	1/28/22	1/28/22													
313	38250	PNS	BJM	Phase 2	Emergency Power System Completed	100%	0 d	1/28/22	1/28/22	1/28/22	1/28/22													
314	36525		BJM	Phase 2	Grounding, Compound completion and Close-Out	95%	306 d	9/21/21	9/21/21	12/7/22	NA													
315	42505	PNS	BJM	Phase 2	Fire Suppression Installation (tank shipping/transport)	100%	24 d	12/10/21	12/10/21	1/18/22	1/18/22													
316	43320	PNS	BJM	Phase 2	Fire Suppression Installation (at site)	100%	16 d	1/25/22	1/25/22	2/15/22	2/15/22													
317	42008	PNS	BJM	Phase 2	HVAC Installation and Mechanical Inspection	100%	56 d	9/21/21	9/21/21	12/9/21	12/9/21													
318	41197	PNS	BJM	Phase 2	Conservancy Ice Bridge & Grounding (prior to Weather related closure)	100%	52 d	10/11/21	10/11/21	12/23/21	12/23/21													
319	43546	PNS	BJM	Phase 2	Site Restricted (Weather and Access Road Closure)	100%	4 d	12/28/21	12/28/21	1/3/22	1/3/22													
320	43545	PNS	BJM	Phase 2	Conservancy Ice Bridge & Grounding (post Weather related closure)	100%	6 d	1/4/22	1/4/22	1/11/22	1/11/22													
321	36528	PNS	BJM	Phase 2	LMR Ice Bridge & Grounding	100%	6 d	10/11/21	10/11/21	10/18/21	10/18/21													
322	36531	PNS	BJM	Phase 2	Site Substantially Complete	100%	0 d	1/31/22	1/31/22	1/31/22	1/31/22													
323	42615	LARICS/MSI	BJM	Phase 2	Civil Site Audit & Punch Walk with the Authority	100%	1 d	2/24/22	2/24/22	2/24/22	2/24/22													
325	37167	PNS	BJM	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	14 d	1/31/22	1/31/22	2/17/22	2/17/22													
326	38286	LARICS	BJM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	22 d	2/18/22	2/18/22	3/21/22	3/21/22													
327	43286	PNS	BJM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 2)	100%	30 d	3/22/22	3/22/22	5/2/22	5/2/22													
328	43289	LARICS	BJM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	23 d	5/3/22	5/3/22	6/3/22	6/3/22													
329	43290	PNS	BJM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	93%	118 d	6/6/22	6/6/22	11/18/22	NA													
332	43415	LARICS	BJM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (Rev 0)	0%	1 d	11/18/22	NA	11/18/22	NA													
333	43287	LARICS	BJM	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority	0%	1 d	11/21/22	NA	11/21/22	NA													
334	42529	PNS	BJM	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	0%	5 d	11/22/22	NA	11/30/22	NA													
335	42530	LARICS	BJM	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	0%	5 d	12/1/22	NA	12/7/22	NA													
336	36536	MSI	BJM	Phase 2	Phase 2 Customer Acceptance (less Utility power)	0%	0 d	12/7/22	NA	12/7/22	NA													
337	37087		BJM	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	301 d	9/28/21	9/28/21	12/7/22	NA													
338	40703	LARICS	BJM	Phase 2	AHJ Backoffice to submit Meter Release to Utility	100%	2 d	9/28/21	9/28/21	9/29/21	9/29/21													
339	40702	LARICS	BJM	Phase 2	SCE Acknowledgement of Meter Release from AHJ	100%	3 d	9/30/21	9/30/21	10/4/21	10/4/21													
340	43275	LARICS	BJM	Phase 2	SCE makes correction from "change of service" to "new service"	100%	47 d	10/5/21	10/5/21	12/10/21	12/10/21													
341	43768	LARICS	BJM	Phase 2	SCE Acknowledgement of Meter Release from AHJ, Rev 1	100%	23 d	2/24/22	2/24/22	3/28/22	3/28/22													
342	44110	LARICS	BJM	Phase 2	SCE Invoice Payment by LA-RICS	100%	5 d	3/17/22	3/17/22	3/23/22	3/23/22													
343	41221	LARICS	BJM	Phase 2	SCE Material Procurement	100%	19 d	3/24/22	3/24/22	4/19/22	4/19/22													
344	37088	LARICS	BJM	Phase 2	SCE Installation of Commercial Infrastructure and Setting Power Meter																			



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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
428	44153	PNS	BKK	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed post-Joint	100%	20 d	5/26/22	5/26/22	6/23/22	6/23/22													
429	44152	LARICS	BKK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (F	100%	1 d	6/23/22	6/23/22	6/23/22	6/23/22													
430	43291	LARICS	BKK	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolo	100%	1 d	6/23/22	6/23/22	6/23/22	6/23/22													
431	41900	PNS	BKK	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	20 d	7/1/22	7/1/22	7/29/22	7/29/22													
432	38287	LARICS	BKK	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	68%	105 d	8/1/22	8/1/22	12/30/22	NA													
433	24560	LARICS	BKK	Phase 2	Phase 2 Customer Acceptance (less Utility power)	0%	0 d	12/30/22	NA	12/30/22	NA													
434	37113		BKK	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	716 d	3/2/20	3/2/20	12/30/22	NA													
435	38075	PNS	BKK	Phase 2	HVAC Start Up (Pre-commissioning)	100%	1 d	3/2/20	3/2/20	3/2/20	3/2/20													
436	42922	PNS	BKK	Phase 2	FSS Startup (ventilation controls only) (Pre-commissioning)	100%	1 d	3/2/20	3/2/20	3/2/20	3/2/20													
437	42921	PNS	BKK	Phase 2	Emergency Power Start Up and Verified (Commissioning #2)	100%	21 d	9/2/21	9/2/21	10/1/21	10/1/21													
438	37121	PNS/LARIC	BKK	Phase 2	Site Complete with Power	0%	0 d	12/30/22	NA	12/30/22	NA													
439	24612		BMT		Bald Mountain_BMT	100%	1132 d	1/19/17	1/19/17	7/6/21	7/6/21													
440	24684		BMT	Phase 2	Phase 2 - Site Construction	100%	1132 d	1/19/17	1/19/17	7/6/21	7/6/21													
441	24702		BMT	Phase 2	Shelter Construction	100%	150 d	3/26/19	3/26/19	10/23/19	10/23/19													
442	24706	PNS	BMT	Phase 2	Fire Suppression Start up - Failed	100%	2 d	3/26/19	3/26/19	3/27/19	3/27/19													
443	24708	PNS	BMT	Phase 2	Corrections to Shelter from FSS Test Failure	100%	140 d	4/9/19	4/9/19	10/23/19	10/23/19													
444	24709		BMT	Phase 2	Power Infrastructure	100%	460 d	1/19/17	1/19/17	11/7/18	11/7/18													
445	24711	PNS	BMT	Phase 2	Install Power Infrastructure	100%	263 d	1/19/17	1/19/17	1/31/18	1/31/18													
446	37172	PNS	BMT	Phase 2	Jurisdiction Inspection and Approval fo Power On (Green Tag)	100%	1 d	11/7/18	11/7/18	11/7/18	11/7/18													
447	24724		BMT	Phase 2	Emergency Power System	100%	17 d	2/2/18	2/2/18	2/26/18	2/26/18													
448	24728	PNS	BMT	Phase 2	New Generator Prepped for Start Up	100%	17 d	2/2/18	2/2/18	2/26/18	2/26/18													
449	37183		BMT	Phase 2	Grounding, Compound completion and Close-Out	100%	851 d	2/26/18	2/26/18	7/6/21	7/6/21													
450	37185	PNS	BMT	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Auth	100%	1 d	10/30/19	10/30/19	10/30/19	10/30/19													
451	38288	LARICS	BMT	Phase 2	Civil & A&E Close-out Package Approved by The Authority	100%	6 d	10/31/19	10/31/19	11/7/19	11/7/19													
452	37186	PNS	BMT	Phase 2	Civil Site Audit Walk and corrections addressed	100%	20 d	11/26/19	11/26/19	12/26/19	12/26/19													
453	38467	PNS	BMT	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Auth	100%	0 d	12/26/19	12/26/19	12/26/19	12/26/19													
454	38716	PNS	BMT	Phase 2	Civil & A&E Close-out Package Approved by The Authority Rev 1	100%	9 d	12/27/19	12/27/19	1/9/20	1/9/20													
455	38714	PNS	BMT	Phase 2	Approval of RFI (Gate Coating) & (Tower Self Locking Nuts)	100%	3 d	1/15/20	1/15/20	1/17/20	1/17/20													
456	38715	PNS	BMT	Phase 2	MSI/Authority to reach resolution (ANCO Nut)	100%	25 d	1/15/20	1/15/20	2/19/20	2/19/20													
457	39737	LARICS	BMT	Phase 2	NTP Approval by LARICS to Apply Coating to Enclosure	100%	23 d	3/10/20	3/10/20	4/9/20	4/9/20													
458	38717	PNS	BMT	Phase 2	Order/Apply Gate Coating	100%	7 d	4/21/20	4/21/20	4/29/20	4/29/20													
459	38697	PNS	BMT	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Auth	100%	1 d	4/22/20	4/22/20	4/22/20	4/22/20													
460	38466	LARICS	BMT	Phase 2	Civil & A&E Close-out Package Approved by The Authority Rev 2	100%	14 d	4/23/20	4/23/20	5/12/20	5/12/20													
461	38718	PNS	BMT	Phase 2	Civil & A&E Walk with the Authority & MSI Rev 2	100%	148 d	6/4/20	6/4/20	1/6/21	1/6/21													
462	40833	PNS	BMT	Phase 2	Civil & A&E Soft Copy Close-out Soft Copy Package Completed & Deliverer	100%	17 d	1/7/21	1/7/21	2/1/21	2/1/21													
463	41893	LARICS	BMT	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority	100%	19 d	2/2/21	2/2/21	2/26/21	2/26/21													
464	42083	LARICS	BMT	Phase 2	Review and resolution of questions on Soft Copy Close Out Package with M	100%	24 d	3/1/21	3/1/21	4/1/21	4/1/21													
465	42084	LARICS	BMT	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority	100%	9 d	4/2/21	4/2/21	4/14/21	4/14/21													
466	41894	PNS	BMT	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	2 d	6/4/21	6/4/21	6/7/21	6/7/21													
467	40832	LARICS	BMT	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	100%	5 d	6/8/21	6/8/21	6/14/21	6/14/21													
468	42950	PNS	BMT	Phase 2	MSI Submits Formal Submittal Sheet in Prolog to Close Out	100%	1 d	7/6/21	7/6/21	7/6/21	7/6/21													



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**ATTACHMENT B**

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**ATTACHMENT B**

ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
559	24924		BUR1	Phase 2	Install Power Infrastructure - Install Line Side Green Tag Power Infrastructure	100%	30 d	9/15/21	9/15/21	10/26/21	10/26/21												
560	42629	PNS	BUR1	Phase 2	Stub Out from SES, Partial Inspection, Backfill & Compaction (Done)	100%	2 d	9/15/21	9/15/21	9/16/21	9/16/21												
561	42630	PNS	BUR1	Phase 2	SES Pad Pour & Installation	100%	25 d	9/22/21	9/22/21	10/26/21	10/26/21												
564	42787		BUR1	Phase 2	Install Power Infrastructure - Install Outside Compound Power Infrastructure	100%	124 d	1/6/22	1/6/22	6/30/22	6/30/22												
565	43722	LARICS	BUR1	Phase 2	LA-RICS Obtain AHJ permission to implement alternate power solution and approve ph2 work for use	100%	38 d	1/6/22	1/6/22	3/1/22	3/1/22												
566	24926	PNS	BUR1	Phase 2	AHJ Final Inspection and Approval for Power On (Load Side)	100%	1 d	6/30/22	6/30/22	6/30/22	6/30/22												
568	24929		BUR1	Phase 2	Emergency Power System	100%	142 d	4/20/21	4/20/21	11/5/21	11/5/21												
569	24930	PNS	BUR1	Phase 2	EPS Underground to Equipment Shelter	100%	48 d	5/17/21	5/17/21	7/22/21	7/22/21												
570	42380	PNS	BUR1	Phase 2	Remove Spoils - 300 yds. From Site	100%	5 d	4/20/21	4/20/21	4/26/21	4/26/21												
571	41311	PNS	BUR1	Phase 2	Grading & Lift Compaction for Gen/Fuel Tank Enclosure & Foundation	100%	14 d	4/27/21	4/27/21	5/14/21	5/14/21												
572	42625	PNS	BUR1	Phase 2	Generator & Fuel Tank Foundation Prep for T-Footing	100%	17 d	5/17/21	5/17/21	6/9/21	6/9/21												
573	42830	PNS	BUR1	Phase 2	Aesco Inspector Requested Additional Compaction Testing & updated perm	100%	8 d	6/10/21	6/10/21	6/21/21	6/21/21												
574	42834	PNS	BUR1	Phase 2	Generator & Fuel Tank Foundation Pour T-Footing	100%	1 d	6/24/21	6/24/21	6/24/21	6/24/21												
575	42626	PNS	BUR1	Phase 2	Generator & Fuel Tank Foundation Stem Wall	100%	12 d	6/25/21	6/25/21	7/12/21	7/12/21												
576	42627	PNS	BUR1	Phase 2	Backfill of Stem Wall/Fill, Compact to Final Grade & Slab Pour	100%	19 d	7/13/21	7/13/21	8/6/21	8/6/21												
577	42628	PNS	BUR1	Phase 2	New Generator & Fuel Tank Set Cold Set	100%	1 d	9/8/21	9/8/21	9/8/21	9/8/21												
578	24934	PNS	BUR1	Phase 2	Construct Generator & Fuel Tank CMU Wall	100%	14 d	8/11/21	8/11/21	8/30/21	8/30/21												
579	24931	PNS	BUR1	Phase 2	New Generator Prepped for Start-Up	100%	21 d	9/30/21	9/30/24	10/28/21	10/28/24												
580	37340	PNS	BUR1	Phase 2	Emergency Power Start Up and																		







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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
824	36371		CPK	Phase 2	Grounding, Compound completion and Close-Out	92%	437 d	4/8/21	4/8/21	12/30/22	NA												
825	36373	PNS	CPK	Phase 2	Ice Bridge Installation & Grounding	100%	8 d	4/8/21	4/8/21	4/19/21	4/19/21												
826	38540	PNS	CPK	Phase 2	Asphalt Paving	100%	2 d	4/28/21	4/28/21	4/29/21	4/29/21												
827	36374	PNS	CPK	Phase 2	Fencing Repair & Grounding	100%	7 d	4/21/21	4/21/21	4/29/21	4/29/21												
828	36375	PNS	CPK	Phase 2	Site Substantially Complete	100%	0 d	4/29/21	4/29/21	4/29/21	4/29/21												
829	42475	LARICS/MS	CPK	Phase 2	Civil Site Audit & Punch Walk with the Authority	100%	1 d	5/20/21	5/20/21	5/20/21	5/20/21												
830	36380	PNS	CPK	Phase 2	Civil Site Audit Walk and Corrections Addressed	100%	10 d	5/21/21	5/21/21	6/4/21	6/4/21												
831	42646	PNS	CPK	Phase 2	Crane Permit Approved by CALDOT & City of Malibu (2 Separate Crane Permits)	100%	11 d	6/7/21	6/7/21	6/21/21	6/21/21												
832	42846	LARICS/MS	CPK	Phase 2	ISD working on Shelter Roof - No access available for Crane	100%	4 d	6/22/21	6/22/21	6/25/21	6/25/21												
833	42645	PNS	CPK	Phase 2	Engineer - Design Work and review	100%	10 d	6/28/21	6/28/21	7/9/21	7/9/21												
834	42899	PNS	CPK	Phase 2	Fabrication of Tower Leg Jacks	100%	5 d	7/12/21	7/12/21	7/16/21	7/16/21												
835	42898	PNS	CPK	Phase 2	Installation of Flange Plates	100%	2 d	7/23/21	7/23/21	7/26/21	7/26/21												
836	36376	PNS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	48 d	7/27/21	7/27/21	10/1/21	10/1/21												
837	38275	LARICS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	21 d	10/4/21	10/4/21	11/1/21	11/1/21												
838	43197	PNS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 2)	100%	33 d	11/2/21	11/2/21	12/20/21	12/20/21												
839	43196	LARICS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	20 d	12/21/21	12/21/21	1/21/22	1/21/22												
840	43337	PNS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	100%	26 d	1/24/22	1/24/22	2/28/22	2/28/22												
841	43762	LARICS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 3)	100%	22 d	3/1/22	3/1/22	3/30/22	3/30/22												
842	43761	PNS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 4)	100%	12 d	3/31/22	3/31/22	4/15/22	4/15/22												
843	43195	LARICS/MS	CPK	Phase 2	Joint Review of Civil & A&E Close-out Soft Copy Package	100%	1 d	4/21/22	4/21/22	4/21/22	4/21/22												
844	43428	PNS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed from Joint review and resubmitted to Authority (Rev 4)	100%	48 d	4/22/22	4/22/22	6/29/22	6/29/22												
845	43427	LARICS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (Rev 4)	100%	1 d	6/29/22	6/29/22	6/29/22	6/29/22												
846	43338	LARICS	CPK	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolog)	100%	1 d	6/29/22	6/29/22	6/29/22	6/29/22												
847	42523	PNS	CPK	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	31 d	7/1/22	7/1/22	8/15/22	8/15/22												
848	42524	LARICS	CPK	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	64%	94 d	8/16/22	8/16/22	12/30/22	NA												
849	36381	LARICS	CPK	Phase 2	Phase 2 Customer Acceptance (less Utility power)	0%	0 d	12/30/22	NA	12/30/22	NA	12/30/22											
850	37365		CPK	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	412 d	5/13/21	5/13/21	12/30/22	NA												
851	42124	LARICS	CPK	Phase 2	Jurisdiction Inspector to submit Meter Release to SCE	100%	1 d	5/13/21	5/13/21	5/13/21	5/13/21												
852	41205	LARICS	CPK	Phase 2	SCE Material Procurement	100%	30 d	5/14/21	5/14/21	6/25/21	6/25/21												
853	37367	LARICS	CPK	Phase 2	SCE Installation of Commercial Infrastructure and Setting Power Meter	100%	36 d	6/28/21	6/28/21	8/16/21	8/16/21												
854	37368	LARICS	CPK	Phase 2	Phase 2 Customer Acceptance with Power On	100%	0 d	8/16/21	8/16/21	8/16/21	8/16/21												
855	43027	PNS	CPK	Phase 2	FSS Startup (ventilation controls only) (Pre-commissioning)	100%	1 d	9/23/21	9/23/21	9/23/21	9/23/21												
856	43028	PNS	CPK	Phase 2	HVAC Start up (Pre-commissioning)	100%	1 d	8/30/21	8/30/21	8/30/21	8/30/21												
857	43029	PNS	CPK	Phase 2	Breaker Ordered and Fabricated by Vendor	100%	33 d	8/17/21	8/17/21	10/1/21	10/1/21												
858	43579	PNS	CPK	Phase 2	Install 2nd Breaker on Generator	100%	2 d	1/20/22	1/20/22	1/21/22	1/21/22												
859	43030	PNS	CPK	Phase 2	Emergency Power Start Up and Verified (Commissioning #2)	100%	44 d	1/21/22	1/21/22	3/23/22	3/23/22												
860	37372	PNS/LARICS	CPK	Phase 2	Site Complete with Power	0%	0 d	12/30/22	NA	12/30/22	NA	12/30/22											
861	25710		CRN		Cerro Negro_CRN	100%	657 d	1/2/19	1/2/19	8/3/21	8/3/21												
862	25825		CRN	Phase 2	Phase 2 - Site Construction	100%	657 d	1/2/19	1/2/19	8/3/21	8/3/21												
863	37374	LARICS	CRN	Phase 2	SCE to Provide Encroachment Permt	100%	31 d	8/16/19	8/16/19	9/27/19	9/27/19												
864	25829		CRN	Phase 2	Antenna Support Structure Construction	100%	17 d	2/4/19	2/4/19	2/26/19	2/26/19												
865	25830	PNS	CRN	Phase 2	Tower Foundation Construction	100%	7 d	2/4/19	2/4/19	2/12/19	2/12/19												
866	25831	PNS	CRN	Phase 2	New Tower Installation	100%	1 d	2/11/19	2/11/19	2/11/19	2/11/19												
867	25833	PNS	CRN	Phase 2	New Tower Installation Cont	100%	2 d	2/21/19	2/21/19	2/22/19	2/22/19												
868	25834	PNS	CRN	Phase 2	Install Antenna Mounts / Wave Guide Ladder	100%	3 d	2/22/19	2/22/19	2/26/19	2/26/19												
869	25832	PNS	CRN	Phase 2	Antenna Support Structure Completed	100%	0 d	2/26/19	2/26/19	2/26/19	2/26/19												
870	25835		CRN	Phase 2	Shelter Construction	100%	22 d	1/2/19	1/2/19	2/1/19	2/1/19												
871	25836	PNS	CRN	Phase 2	Shelter Foundation Construction	100%	21 d	1/2/19	1/2/19	1/31/19	1/31/19												
872	25837	PNS	CRN	Phase 2	Pre-fab Shelter Set	100%	1 d	2/1/19	2/1/19	2/1/19	2/1/19												
873	25838	PNS	CRN	Phase 2	Shelter Construction Completed	100%	0 d	2/1/19	2/1/19	2/1/19	2/1/19												
874	25839		CRN	Phase 2	Power Infrastructure	100%	125 d	1/28/19	1/28/19	7/23/19	7/23/19												
875	25840	PNS	CRN	Phase 2	Install Power Infrastructure	100%	12 d	1/28/19	1/28/19	2/12/19	2/12/19												
876	25844	PNS	CRN	Phase 2	Install Power Infrastructure Cont	100%	816 h	2/18/19	2/18/19	7/12/19	7/12/19												
877	25845	PNS	CRN	Phase 2	Add Pad Extension and New Step at Switch Gear for SCE	100%	1 d	4/4/19	4/4/19	4/4/19	4/4/19												
878	25846	PNS	CRN	Phase 2	Battery Rack Seismic Redesign	100%	22 d	4/8/19	4/8/19	5/7/19	5/7/19												
879	25847	PNS	CRN	Phase 2	Battery Rack Seismic Brace Install	100%	5 d	5/13/19	5/13/19	5/17/19	5/17/19												
880	25842	PNS	CRN	Phase 2	Jurisdiction Inspection and Approval for Power On	100%	4 d	7/18/19	7/18/19	7/23/19	7/23/19												
881	25849		CRN	Phase 2	Emergency Power System	100%	143 d	1/2/19	1/2/19	7/24/19	7/24/19												
882	25853	PNS	CRN	Phase 2	Foundation for Emergency Power System	100%	34 d	1/2/19	1/2/19	2/19/19	2/19/19												
883	25854	PNS	CRN	Phase 2	Generator (cold set) & Fuel Tank Set/Construct CMU Wall																		











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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1206	42406	MSI	ESR	Phase 1	RFI to LARICS for Equipment Orders	100%	6 d	4/13/21	4/13/21	4/20/21	4/20/21													
1207	41315	PNS	ESR	Phase 2	Tower Mod Structural Steel Fab, Galv & Ship	100%	41 d	6/4/21	6/4/21	7/30/21	7/30/21													
1208	42444	PNS	ESR	Phase 1	Generator Order	100%	97 d	5/13/21	5/13/21	9/28/21	9/28/21													
1209	42987	PNS	ESR	Phase 1	Fuel Tank Order	100%	81 d	5/13/21	5/13/21	9/3/21	9/3/21													
1210	43026	PNS	ESR	Phase 1	Transformer ordered and received at site	100%	85 d	6/23/21	6/23/21	10/20/21	10/20/21													
1211	26406		ESR	Phase 1	Construction Drawings	100%	507 d	10/8/18	10/8/18	10/6/20	10/6/20													
1212	26413	PNS	ESR	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed	100%	333 d	10/8/18	10/8/18	1/31/20	1/31/20													
1213	26412	LARICS	ESR	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS & Authority Review	100%	15 d	2/5/20	2/5/20	2/25/20	2/25/20													
1214	40544	PNS	ESR	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed REV	100%	49 d	2/26/20	2/26/20	5/4/20	5/4/20													
1215	40543	LARICS	ESR	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS & Authority Approval	100%	13 d	5/5/20	5/5/20	5/21/20	5/21/20													
1216	40858	PNS	ESR	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed REV	100%	18 d	5/22/20	5/22/20	6/17/20	6/17/20													
1217	40857	LARICS	ESR	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS and Authority Approval	100%	22 d	6/18/20	6/18/20	7/20/20	7/20/20													
1218	41104	LARICS	ESR	Phase 1	Phase 1 Design Requirements Impasse – Review and Resolution	100%	4 d	7/27/20	7/27/20	7/30/20	7/30/20													
1219	41170	PNS	ESR	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed REV	100%	20 d	7/31/20	7/31/20	8/27/20	8/27/20													
1220	41169	LARICS	ESR	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS and Authority Approval	100%	15 d	8/28/20	8/28/20	9/18/20	9/18/20													
1221	41454	PNS	ESR	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed REV	100%	12 d	9/21/20	9/21/20	10/6/20	10/6/20													
1222	41455	LARICS	ESR	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS and Authority Approval	100%	0 d	10/6/20	10/6/20	10/6/20	10/6/20													
1223	26409	LARICS	ESR	Phase 1	Construction Drawings - LA-RICS Approves 100% CD (CD Ready to Submit)	100%	0 d	10/6/20	10/6/20	10/6/20	10/6/20													
1224	26424		ESR	Phase 1	Structural Analysis: Existing Building/Antenna Structure	100%	39 d	11/5/18	11/5/18	1/2/19	1/2/19													
1225	26426	PNS	ESR	Phase 1	Perform Structural Analysis and provide report to MSI	100%	39 d	11/5/18	11/5/18	1/2/19	1/2/19													
1226	26427	LARICS	ESR	Phase 1	Submit Structural Report to LA-RICS	100%	0 d	1/2/19	1/2/19	1/2/19	1/2/19													
1227	37452		ESR	Phase 1	Power Design	100%	1 d	2/3/20	2/3/20	2/3/20	2/3/20													
1228	26436	PNS	ESR	Phase 1	House Power Design completed by A&E	100%	1 d	2/3/20	2/3/20	2/3/20	2/3/20													
1229	26437		ESR	Phase 1	Environmental & Compliance	100%	44 d	10/2/19	10/2/19	12/3/19	12/3/19													
1230	26441	PNS	ESR	Phase 1	POD Development and internal review	100%	5 d	10/2/19	10/2/19	10/8/19	10/8/19													
1231	26442	LARICS	ESR	Phase 1	POD reviewed and approved by LA-RICS	100%	5 d	11/4/19	11/4/19	11/8/19	11/8/19													
1232	38481	PNS	ESR	Phase 1	POD reviewed and approved by LA-RICS	100%	5 d	11/11/19	11/11/19	11/15/19	11/15/19													
1233	38482	PNS	ESR	Phase 1	POD Rev.1 development and submittal to LA-RICS	100%	6 d	11/18/19	11/18/19	11/25/19	11/25/19													
1234	38480	PNS	ESR	Phase 1	POD Rev.1 reviewed and approved by LA-RICS	100%	5 d	11/26/19	11/26/19	12/3/19	12/3/19													
1235	37447		ESR	Phase 1	Building Permit	100%	165 d	10/7/20	10/7/20	6/3/21	6/3/21													
1236	37446	PNS	ESR	Phase 1	Jurisdiction Review and Issue of Permit - BP Package	100%	55 d	10/7/20	10/7/20	12/23/20	12/23/20													
1237	41802	PNS	ESR	Phase 1	Building Permit Issued	100%	23 d	4/1/21	4/1/21	5/3/21	5/3/21													
1238	42477	PNS	ESR	Phase 1	Building Permit Issued - Tower	100%	1 d	6/3/21	6/3/21	6/3/21	6/3/21													
1239	26457		ESR	Phase 2	Phase 2 - Site Construction	92%	414 d	6/9/21	6/9/21	1/31/23	NA													
1240	37453	MSI	ESR	Phase 2	Notice to Proceed Construction	100%	1 d	6/9/21	6/9/21	6/9/21	6/9/21													
1241	26458	PNS	ESR	Phase 2	Construction commencement of work	100%	1 d	6/16/21	6/16/21	6/16/21	6/16/21													
1242	42864	LARICS	ESR	Phase 2	COR submission to LARICS and Approval	100%	12 d	6/28/21	6/28/21	7/13/21	7/13/21													
1243	42865	PNS	ESR	Phase 2	Road Repair	100%	2 d	7/14/21	7/14/21	7/15/21	7/15/21													
1244	26459		ESR	Phase 2	Antenna Support Structure Construction	100%	102 d	6/17/21	6/17/21	11/8/21	11/8/21													
1246	41316	PNS	ESR	Phase 2	Removal of Required L&A from Existing Tower	100%	10 d	6/17/21	6/17/21	6/30/21	6/30/21													
1247	42869	PNS	ESR	Phase 2	Develop and Submit (to LARICS for Approval) welding plan for tower modifications as required by USFS SUP per Jim Hoyt	100%	7 d	6/17/21	6/17/21	6/25/21	6/25/21													

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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1273	38243	PNS	ESR	Phase 2	Emergency Power Start Up and Verified (Pre-commissioning #1)	100%	1 d	11/15/21	11/15/21	11/15/21	11/15/21												
1274	37454	PNS	ESR	Phase 2	Emergency Power System Completed	100%	0 d	11/5/21	11/5/21	11/5/21	11/5/21	1											
1275	26481		ESR	Phase 2	Grounding, Compound completion and Close-Out	86%	374 d	8/4/21	8/4/21	1/31/23	NA												
1276	26491	PNS	ESR	Phase 2	Ice Bridge Installation & Grounding	100%	8 d	10/20/21	10/20/21	10/29/21	10/29/21												
1277	42996	PNS	ESR	Phase 2	Fire Suppression Permit Arppved by County	100%	20 d	8/4/21	8/4/21	8/31/21	8/31/21												
1278	42997	PNS	ESR	Phase 2	Fire Suppression Installation	100%	34 d	9/20/21	9/20/21	11/4/21	11/4/21												
1279	26485	PNS	ESR	Phase 2	Site Substantially Complete	100%	0 d	11/17/21	11/17/21	11/17/21	11/17/21	7/21											
1280	42427	LARICS/MS	ESR	Phase 2	Civil Site Audit & Punch Walk with the Authority	100%	1 d	11/10/21	11/10/21	11/10/21	11/10/21												
1281	26486	PNS	ESR	Phase 2	Civil Site Audit Corrections Addressed	100%	8 d	11/11/21	11/11/21	11/22/21	11/22/21												
1282	43231	LARICS/MS	ESR	Phase 2	Civil Site Audit & Punch Walk with the Authority (rewalk)	100%	1 d	12/2/21	12/2/21	12/2/21	12/2/21												
1284	43580	LARICS	ESR	Phase 2	Site Access restricted (road closed per LA County website)	100%	40 d	12/17/21	12/17/21														



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Unique ID	Responsible Party	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
											Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1399	41002	PNS	FRP	Phase 2	Re-start Tower Foundation Construction	100%	10 d	10/12/20	10/12/20	10/23/20	10/23/20											
1400	41660	LARICS	FRP	Phase 2	Red Flag Warning - No work	100%	2 d	10/26/20	10/26/20	10/27/20	10/27/20											
1401	41685	PNS	FRP	Phase 2	Re-start Tower Foundation Construction	100%	8 d	10/28/20	10/28/20	11/6/20	11/6/20											
1402	26822	PNS	FRP	Phase 2	New Tower Installation	100%	7 d	5/20/21	5/20/21	5/28/21	5/28/21											
1403	26823	PNS	FRP	Phase 2	Antenna Support Structure Completed	100%	0 d	5/28/21	5/28/21	5/28/21	5/28/21											
1404	26824		FRP	Phase 2	Shelter Construction	100%	90 d	5/12/21	5/12/21	9/16/21	9/16/21											
1405	26825	PNS	FRP	Phase 2	Shelter Foundation Construction	100%	12 d	5/12/21	5/12/21	5/27/21	5/27/21											
1406	41419	PNS	FRP	Phase 2	CMU Exterior Shelter Build	100%	28 d	6/2/21	6/2/21	7/9/21	7/9/21											
1407	42964	PNS	FRP	Phase 2	Roof Install	100%	10 d	7/12/21	7/12/21	7/23/21	7/23/21											
1408	42988	PNS	FRP	Phase 2	Rain Delay	100%	2 d	7/26/21	7/26/21	7/27/21	7/27/21											
1409	42989	PNS	FRP	Phase 2	Roof Pour - Post Rain Delay	100%	3 d	7/29/21	7/29/21	8/2/21	8/2/21											
1410	43002	PNS	FRP	Phase 2	Shelter Construction is Airwave Ready	100%	0 d	8/16/21	8/16/21	8/16/21	8/16/21											
1411	41347	PNS	FRP	Phase 2	CMU Shelter Interior Build	100%	49 d	7/9/21	7/9/21	9/16/21	9/16/21											
1412	26826	PNS	FRP	Phase 2	Shelter Construction Completed	100%	0 d	9/16/21	9/16/21	9/16/21	9/16/21											
1413	26832		FRP	Phase 2	Power Infrastructure	100%	91 d	4/7/21	4/7/21	8/12/21	8/12/21											
1414	42539	LARICS	FRP	Phase 2	COR - SCE Utility Conduit and Path - Unilateral Directive	100%	31 d	4/7/21	4/7/21	5/19/21	5/19/21											

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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1461	42717	LARICS	FRP	Phase 2	SCE Acknowledgement of Meter Release from AHJ	100%	2 d	8/17/21	8/17/21	8/18/21	8/18/21													
1462	41260	LARICS	FRP	Phase 2	SCE Material Procurement	100%	30 d	8/19/21	8/19/21	9/30/21	9/30/21													
1463	37465	LARICS	FRP	Phase 2	SCE Installation of Commercial Infrastructure and Setting Power Meter	100%	7 d	10/1/21	10/1/21	10/11/21	10/11/21													
1464	37466	LARICS	FRP	Phase 2	Phase 2 Customer Acceptance with Power On	100%	0 d	10/11/21	10/11/21	10/11/21	10/11/21													
1465	37458	PNS	FRP	Phase 2	FSS Startup (ventilation controls only) (Pre-commissioning)	100%	1 d	10/19/21	10/19/21	10/19/21	10/19/21													
1466	43066	PNS	FRP	Phase 2	HVAC Start Up (Pre-commissioning)	100%	1 d	10/18/21	10/18/21	10/18/21	10/18/21													
1467	43065	PNS	FRP	Phase 2	Emergency Power Start Up and Verified (Commissioning #2)	100%	1 d	11/1/21	11/1/21	11/1/21	11/1/21													
1468	37461	PNS/LARIC	FRP	Phase 2	Site Complete with Power	0%	0 d	12/30/22	NA	12/30/22	NA													
1469	26904		GMT		Grass Mountain_GMT	98%	1211 d	4/16/18	4/16/18	1/31/23	NA													
1470	26905		GMT	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	555 d	4/16/18	4/16/18	6/22/20	6/22/20													
1471	37228		GMT	Phase 1	Categorical Exclusion Schedule (CATEX)	100%	473 d	4/16/18	4/16/18	2/26/20	2/26/20													
1472	37229	LARICS	GMT	Phase 1	Develop USFS Proposal for batch of 13 sites	100%	14 d	4/16/18	4/16/18	5/3/18	5/3/18													
1473	37230	LARICS	GMT	Phase 1	Proposal Submitted to USFS	100%	1 d	5/3/18	5/3/18	5/3/18	5/3/18													
1474	37231	LARICS	GMT	Phase 1	Proposal Acceptance and Invitation to Submit SF299 to USFS	100%	115 d	5/4/18	5/4/18	10/16/18	10/16/18													
1475	37232	LARICS	GMT	Phase 1	Prepare SF299 Application	100%	138 d	5/4/18	5/4/18	11/16/18	11/16/18													
1476	37233	LARICS	GMT	Phase 1	Submit SF299 Application and Environmental Tech Memos to USFS	100%	1 d	11/19/18	11/19/18	11/19/18	11/19/18													
1477	37234	LARICS	GMT	Phase 1	USFS Evaluates SF 299 Application and Environmental Tech Memos	100%	242 d	11/20/18	11/20/18	11/1/19	11/1/19													
1478	37235	LARICS	GMT	Phase 1	Sign and Notice Decision Memo	100%	0 d	11/1/19	11/1/19	11/1/19	11/1/19													
1479	37236	LARICS	GMT	Phase 1	EMIS 6b Approval from FEMA	100%	4 d	11/5/19	11/5/19	11/8/19	11/8/19													
1480	38532	LARICS	GMT	Phase 1	USFS Special Use Permit Meeting	100%	1 d	12/5/19	12/5/19	12/5/19	12/5/19													
1481	37237	LARICS	GMT	Phase 1	USFS Special Use Permit (SUP) Issued	100%	64 d	11/22/19	11/22/19	2/26/20	2/26/20													
1482	26924		GMT	Phase 1	Tower Design	100%	210 d	3/8/19	3/8/19	1/3/20	1/3/20													
1483	26927	PNS	GMT	Phase 1	Preliminary Tower & Tower Foundation Design Ordered/Received and Inter	100%	46 d	3/8/19	3/8/19	5/10/19	5/10/19													
1484	26929	PNS	GMT	Phase 1	Final Tower & Tower Foundation Design Ordered/Received and Internally Reviewed (Includes Anchor and Foundation details)	100%	5 d	5/14/19	5/14/19	5/20/19	5/20/19													
1485	26931	PNS	GMT	Phase 1	Tower Erection Package	100%	36 d	5/14/19	5/14/19	7/3/19	7/3/19													
1486	36818	MSI	GMT	Phase 1	MSI Issues NTP to PNS to Order Tower w/ Assembly	100%	1 d	1/3/20	1/3/20	1/3/20	1/3/20													
1487	37481		GMT	Phase 2	Equipment & Materials Ordered/Received	100%	119 d	1/6/20	1/6/20	6/22/20	6/22/20													
1488	37482	PNS	GMT	Phase 2	New Design - Tower Materials Ordered/Ready to Ship	100%	119 d	1/6/20	1/6/20	6/22/20	6/22/20													
1489	26952		GMT	Phase 1	Construction Drawings	100%	223 d	10/23/18	10/23/18	9/9/19	9/9/19													
1490	26958	PNS	GMT	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed	100%	144 d	10/23/18	10/23/18	5/17/19	5/17/19													
1491	26959	LARICS	GMT	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS	100%	1 d	5/20/19	5/20/19	5/20/19	5/20/19													
1492	26955	LARICS	GMT	Phase 1	Construction Drawings - LA-RICS Approves 100% CD (CD Ready to Submi	100%	0 d	5/20/19	5/20/19	5/20/19	5/20/19													
1493	37480	LARICS	GMT	Phase 1	Construction Drawings - Tower Permitting Package Created and Submitted	100%	42 d	7/12/19	7/12/19	9/9/19	9/9/19													
1494	26974		GMT	Phase 1	Power Design	100%	95 d	4/26/19	4/26/19	9/9/19	9/9/19													
1495	26981	PNS	GMT	Phase 1	Utility Power Application Submitted and Accepted by Utility Co. Rev 1	100%	30 d	4/26/19	4/26/19	6/10/19	6/10/19													
1496	26984	PNS	GMT	Phase 1	Final power Design Mapping Created and Received in Polygon Rev 1	100%	64 d	6/11/19	6/11/19	9/9/19	9/9/19													
1497	26983	PNS	GMT	Phase 1	KAIC Interrupt Current Requested and Received from SCE Planner	100%	64 d	6/11/19	6/11/19	9/9/19	9/9/19													
1498	26985	PNS	GMT	Phase 1	Utility Power Design Received by A&ERev 1	100%	0 d	9/9/19	9/9/19	9/9/19	9/9/19													
1499	26986		GMT	Phase 1	Environmental & Compliance	100%	132 d	5/20/19	5/20/19	11/21/19	11/21/19													
1500	26990	PNS	GMT	Phase 1	POD Development and internal review	100%	16 d	5/20/19	5/20/19	6/12/19	6/12/19													
1501	26991	LARICS	GMT	Phase 1	POD reviewed and approved by LA-RICS	100%	75 d	6/12/19	6/12/19	9/25/19	9/25/19													

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								Start	Actual Start	Finish	Actual Finish	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1526	41403	LARICS	GMT	Phase 2	USFS Restrictions - Site Shut Down due to Fires	100%	22 d	9/10/20	9/10/20	10/9/20	10/9/20											
1527	41434	PNS	GMT	Phase 2	Shelter Work Continued	100%	10 d	10/12/20	10/12/20	10/23/20	10/23/20											
1528	41686	LARICS	GMT	Phase 2	Red Flag Warning - No Work	100%	2 d	10/26/20	10/26/20	10/27/20	10/27/20											
1529	41687	PNS	GMT	Phase 2	Shelter Work - Finalize	100%	3 d	10/28/20	10/28/20	10/30/20	10/30/20											
1530	27017	PNS	GMT	Phase 2	Shelter Construction Completed	100%	0 d	10/30/20	10/30/20	10/30/20	10/30/20											
1531	27023		GMT	Phase 2	Power Infrastructure	100%	217 d	4/22/20	4/22/20	3/3/21	3/3/21											
1532	27024	PNS	GMT	Phase 2	Install Power Infrastructure	100%	33 d	4/22/20	4/22/20	6/8/20	6/8/20											
1533	41130	PNS	GMT	Phase 2	PAL Level E & EV - No Road Work	100%	3 d	7/13/20	7/13/20	7/15/20	7/15/20											
1534	41131	PNS	GMT	Phase 2	PAL Level E & EV - No Road Work	100%	1 d	7/17/20	7/17/20	7/17/20	7/17/20											
1535	41237	PNS	GMT	Phase 2	Variance for Pal Levels on Road Work	100%	35 d	7/1/20	7/1/20	8/19/20	8/19/20											
1536	41541	PNS	GMT	Phase 2	RFI 011 Submittal to LARICS for Variance to PAL Levels	100%	13 d	9/2/20	9/2/20	9/21/20	9/21/20											
1537	41542	PNS	GMT	Phase 2	MSI obtaining Noise Exemption letter from LA County	100%	6 d	9/22/20	9/22/20	9/29/20	9/29/20											
1538	41543	PNS	GMT	Phase 2	RFI 013 Submittal to LARICS for Variance to PAL Levels (with LA County Signed Noise Exmption)	100%	39 d	9/30/20	9/30/20	11/23/20	11/23/20											
1539	41129	PNS	GMT	Phase 2	Conduit & Pad Install	100%	8 d	8/20/20	8/20/20	8/31/20	8/31/20											
1540	41769	PNS	GMT	Phase 2	Red Flag Warning	100%	4 d	12/3/20	12/3/20	12/8/20	12/8/20											
1541	41128	PNS	GMT	Phase 2	Re-start Install Power Infrastructure for last 900 ft. of trenching	100%	5 d	12/9/20	12/9/20	12/15/20	12/15/20											
1542	41812	PNS	GMT	Phase 2	Review of Power Infrastructure - pole setting	100%	17 d	12/16/20	12/16/20	1/13/21	1/13/21											
1543	41842	PNS	GMT	Phase 2	Survey Required by SCE of utility route after construction commencement of work - Not originally requested in final design - Pole boxes relocated in field to avoid active highway in consultation with SCE inspector	100%	3 d	1/14/21	1/14/21	1/19/21	1/19/21											
1544	41966	LARICS	GMT	Phase 2	Work Canceled by Monitor	100%	1 d	1/20/21	1/20/21	1/20/21	1/20/21											





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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish
1714	38543	PNS	GRM	Phase 2	Paving Fabric & Rock	100%	3 d	11/8/21	11/8/21	11/10/21	11/10/21
1715	27282	PNS	GRM	Phase 2	Site Substantially Complete	100%	0 d	11/12/21	11/12/21	11/12/21	11/12/21
1716	42422	LARICS/MS	GRM	Phase 2	Civil Site Audit & Punch Walk with the Authority	100%	1 d	11/12/21	11/12/21	11/12/21	11/12/21
1718	43238	LARICS	GRM	Phase 2	Submit RFI for Shelter Door (to LARICS)	100%	11 d	11/22/21	11/22/21	12/8/21	12/8/21
1719	43239	PNS	GRM	Phase 2	Complete Door Installation	100%	7 d	12/13/21	12/13/21	12/21/21	12/21/21
1720	38302	LARICS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	28 d	1/12/22	1/12/22	2/21/22	2/21/22
1721	37522	PNS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Auth	100%	12 d	12/22/21	12/22/21	1/11/22	1/11/22
1722	43359	PNS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 2)	100%	15 d	2/28/22	2/28/22	3/18/22	3/18/22
1723	43358	LARICS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	31 d	3/21/22	3/21/22	5/2/22	5/2/22
1724	43357	PNS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	100%	4 d	5/3/22	5/3/22	5/6/22	5/6/22
1725	43356	LARICS/MS	GRM	Phase 2	Joint Review of Civil & A&E Close-out Soft Copy Package	100%	1 d	5/12/22	5/12/22	5/12/22	5/12/22
1726	43440	PNS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed from Joint review and resubmitted to Authority (Rev 4)	100%	33 d	5/13/22	5/13/22	6/29/22	6/29/22
1727	43439	LARICS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (R	100%	1 d	6/29/22	6/29/22	6/29/22	6/29/22
1728	43355	LARICS	GRM	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolo	100%	1 d	6/29/22</			

















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ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish
2284	43182	LARICS	MDI	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	24 d	11/19/21	11/19/21	12/28/21	12/28/21
2285	43353	PNS	MDI	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	100%	36 d	12/29/21	12/29/21	2/18/22	2/18/22
2286	43180	LARICS/MSI	MDI	Phase 2	Joint Review of Civil & A&E Close-out Soft Copy Package	100%	1 d	2/24/22	2/24/22	2/24/22	2/24/22
2287	43448	PNS	MDI	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed from Joint review and resubmitted to Authority (Rev 4)	100%	26 d	2/25/22	2/25/22	4/1/22	4/1/22
2288	43447	LARICS	MDI	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	30 d	4/4/22	4/4/22	5/13/22	5/13/22
2289	44147	PNS	MDI	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed post-Joint review and resubmitted to Authority (Rev 4)	100%	32 d	5/16/22	5/16/22	6/29/22	6/29/22
2290	44146	LARICS	MDI	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (Rev 4)	100%	1 d	6/29/22	6/29/22	6/29/22	6/29/22
2291	43354	LARICS	MDI	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prologis)	100%	1 d	6/30/22	6/30/22	6/30/22	6/30/22
2292	42130	PNS	MDI	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	20 d	7/1/22	7/1/22	7/29/22	7/29/22
2293	42131	LARICS	MDI	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	68%	105 d	8/1/22	8/1/22	12/30/22	NA
2294	29154	LARICS	MDI	Phase 2	Phase 2 Customer Acceptance (less Utility power)	0%	0 d	12/30/22	NA	12/30/22	NA
2295	37542		MDI	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	473 d	2/17/21	2/17/21	12/30/22	NA
2296	42034	LARICS	MDI	Phase 2	Jurisdiction Inspector to submit Meter Release to SCE	100%	1 d	2/17/21	2/17/21	2/17/21	2/17/21
2297	42519	LARICS	MDI	Phase 2	US Fish and Wildlife Survey clearance required by SCE	100%	27 d	6/15/21	6/15/21	7/21/21	7/21/21
2298	42972	LARICS	MDI	Phase 2	SCE shows meter release not received - requested inspector to resend	100%	16 d	7/22/21	7/22/21	8/12	





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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2460	41922	PNS	MMC	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	0%	5 d	11/22/22	NA	11/30/22	NA	 											
2461	38705	LARICS	MMC	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	0%	5 d	12/1/22	NA	12/7/22	NA												
2462	29760	LARICS	MMC	Phase 2	Phase 2 Customer Acceptance (less Utility power)	0%	0 d	12/7/22	NA	12/7/22	NA												
2463	37545		MMC	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	1019 d	11/27/18	11/27/18	12/7/22	NA												
2464	37702	LARICS	MMC	Phase 2	SCE Installation of Commercial Infrastructure and Setting Power Meter	100%	92 d	12/20/19	12/20/19	5/1/20	5/1/20												
2465	37703	LARICS	MMC	Phase 2	Phase 2 Customer Acceptance with Power On	100%	0 d	5/1/20	5/1/20	5/1/20	5/1/20												
2466	42925	PNS	MMC	Phase 2	HVAC Start Up (Pre-commissioning)	100%	1 d	11/27/18	11/27/18	11/27/18	11/27/18												
2467	42924	PNS	MMC	Phase 2	FSS Startup (ventilation controls only) (Pre-commissioning)	100%	1 d	11/27/18	11/27/18	11/27/18	11/27/18												
2468	42923	PNS	MMC	Phase 2	Emergency Power Start Up and Verified (Commissioning #2)	100%	1 d	11/28/18	11/28/18	11/28/18	11/28/18												
2469	37701	PNS/LARIC	MMC	Phase 2	Site Complete with Power	0%	0 d	12/7/22	NA	12/7/22	NA												
2470	29812		MML		Magic Mountain Link_MML	99%	1191 d	4/16/18	4/16/18	12/30/22	NA	 											
2471	29813		MML	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	810 d	4/16/18	4/16/18	6/25/21	6/25/21												
2472	37268		MML	Phase 1	Categorical Exclusion Schedule (CATEX)	100%	460 d	4/16/18	4/16/18	2/7/20	2/7/20												
2473	37269	LARICS	MML	Phase 1	Develop USFS Proposal for batch of 13 sites	100%	14 d	4/16/18	4/16/18	5/3/18	5/3/18												
2474	37270	LARICS	MML	Phase 1	Proposal Submitted to USFS	100%	1 d	5/3/18	5/3/18	5/3/18	5/3/18												
2475	37271	LARICS	MML	Phase 1	Proposal Acceptance and Invitation to Submit SF299 to USFS	100%	115 d	5/4/18	5/4/18	10/16/18	10/16/18												
2476	37272	LARICS	MML	Phase 1	Prepare SF299 Application	100%	138 d	5/4/18	5/4/18	11/16/18	11/16/18												
2477	37273	LARICS	MML	Phase 1	Submit SF299 Application and Environmental Tech Memos to USFS	100%	1 d	11/19/18	11/19/18	11/19/18	11/19/18												
2478	37274	LARICS	MML	Phase 1	USFS Evaluates SF 299 Application and Environmental Tech Memos	100%	242 d	11/20/18	11/20/18	11/1/19	11/1/19												
2479	37275	LARICS	MML	Phase 1	Sign and Notice Decision Memo	100%	0 d	11/1/19	11/1/19	11/1/19	11/1/19												
2480	37276	LARICS	MML	Phase 1	EMIS 6b Approval from FEMA	100%	4 d	11/5/19	11/5/19	11/8/19	11/8/19	 											
2481	38538	LARICS	MML	Phase 1	USFS Special Use Permit Meeting	100%	1 d	12/5/19	12/5/19	12/5/19	12/5/19												
2482	37277	LARICS	MML	Phase 1	USFS Special Use Permit (SUP) Issued	100%	51 d	11/22/19	11/22/19	2/7/20	2/7/20												
2483	29833		MML	Phase 1	Tower Design	100%	159 d	5/20/19	5/20/19	1/3/20	1/3/20												
2484	29839	PNS	MML	Phase 1	Final Tower & Tower Foundation Design Ordered/Received and Internally Reviewed (Includes Anchor and Foundation details)	100%	20 d	5/20/19	5/20/19	6/17/19	6/17/19												
2485	29840	MSI	MML	Phase 1	MSI Issues NTP to PNS to Order Tower w/ Assembly	100%	1 d	1/3/20	1/3/20	1/3/20	1/3/20												
2486	29869		MML	Phase 1	Construction Drawings	100%	223 d	10/23/18	10/23/18	9/9/19	9/9/19												
2487	29877	PNS	MML	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed	100%	138 d	10/23/18	10/23/18	5/10/19	5/10/19												
2488	29872	LARICS	MML	Phase 1	Construction Drawings - LA-RICS Approves 100% CD (CD Ready to Submit)	100%	0 d	5/13/19	5/13/19	5/13/19	5/13/19												
2489	29881	PNS	MML	Phase 1	Construction Drawings - Tower Permitting Package Created and Submitted	100%	66 d	6/7/19	6/7/19	9/9/19	9/9/19												
2490	29896		MML	Phase 1	Power Design	100%	546 d	5/1/19	5/1/19	6/25/21	6/25/21	 											
2491	29903	PNS	MML	Phase 1	Utility Power Application Submitted and Accepted by Utility Co. Rev 1	100%	28 d	5/1/19	5/1/19	6/10/19	6/10/19												
2492	29904	PNS	MML	Phase 1	Joint Site Walk Completed with Utility Company Rev 1	100%	93 d	6/11/19	6/11/19	10/18/19	10/18/19												
2493	29906	PNS	MML	Phase 1	KAIC Interrupt Current Requested and Received from SCE Planner	100%	93 d	6/11/19	6/11/19	10/18/19	10/18/19												
2494	29907	PNS	MML	Phase 1	Final power Design Mapping Created and Received in Polygon	100%	93 d	6/11/19	6/11/19	10/18/19	10/18/19												
2495	29905	PNS	MML	Phase 1	Utility Power Design Received by A&E Rev 1	100%	0 d	10/18/19	10/18/19	10/18/19	10/18/19												
2496	41736	PNS	MML	Phase 1	Utility Power Application Submitted and Accepted by Utility Co. (REV3)	100%	3 d	11/6/20	11/6/20	11/10/20	11/10/20												
2497	41737	PNS	MML	Phase 1	Final power Design Mapping Created and Received in Polygon	100%	35 d	11/11/20	11/11/20	1/5/21	1/5/21												
2498	41738	PNS	MML	Phase 1	Utility Power Design Received by A&E (REV 1)	100%	31 d	11/17/20	11/17/20	1/5/21	1/5/21												
2499	42470	PNS	MML	Phase 1	Utility Power Application Submitted and Accepted by Utility Co. Rev 3	100%	3 d	5/11/21	5/11/21	5/13/21	5/13/21												
2500	42471	PNS	MML	Phase 1	Joint Site Walk Completed with Utility Company(REV 2)	100%	4 d	5/14/21	5/14/21	5/19/21	5/19/21	 											
2501	42472	PNS	MML	Phase 1	KAIC Interrupt Current Requested and Received from SCE Planner	100%	24 d	5/14/21	5/14/21	6/17/21	6/17/21												
2502	42550	PNS	MML	Phase 1	Final power Design Mapping Created and Received in Polygon	100%	1 d	6/18/21	6/18/21	6/18/21	6/18/21												
2504	42802	LARICS	MML	Phase 1	AEF Design Invoice Received from SCE (REV 4)	100%	1 d	6/21/21	6/21/21	6/21/21	6/21/21												
2505	42803	LARICS	MML	Phase 1	Design Invoice Paid by Jacobs and Accepted by SCE (REV 4)	100%	4 d	6/22/21	6/22/21	6/25/21	6/25/21												
2506	42804	LARICS	MML	Phase 1	Utility Contract Signed by Jacobs (REV 4)	100%	1 d	6/25/21	6/25/21	6/25/21	6/25/21												
2507	42805	PNS	MML	Phase 1	PNS to confirm with SCE and the Jurisdiction on Site Address and order site	100%	11 d	2/10/21	2/10/21	2/24/21	2/24/21												
2508	29908		MML	Phase 1	Environmental & Compliance	100%	137 d	5/13/19	5/13/19	11/21/19	11/21/19												
2509	29912	PNS	MML	Phase 1	POD Development and internal review	100%	22 d	5/13/19	5/13/19	6/12/19	6/12/19												
2510	29913	LARICS	MML	Phase 1	POD reviewed and approved by LA-RICS	100%	115 d</																



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											Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2588	43454	PNS	MML	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed from Joint review and resubmitted to Authority (Rev 4)	100%	7 d	2/25/22	2/25/22	3/7/22												
2589	43453	LARICS	MML	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Reviewed by the Author	100%	43 d	3/8/22	3/8/22	5/5/22												
2590	44135	PNS	MML	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed post-Joint	100%	12 d	5/6/22	5/6/22	5/23/22												
2591	44134	LARICS	MML	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and cc	100%	2 d	5/24/22	5/24/22	5/25/22												
2592	44158	PNS	MML	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed post-Joint review and resubmitted to Authority (Rev 6)	100%	24 d	5/26/22	5/26/22	6/29/22												
2593	44157	LARICS	MML	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (F	100%	1 d	6/29/22	6/29/22	6/29/22												
2594	43396	LARICS	MML	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolo	100%	1 d	6/29/22	6/29/22	6/29/22												
2595	42305	PNS	MML	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	15 d	7/1/22	7/1/22	7/22/22												
2596	42304	LARICS	MML	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	69%	110 d	7/25/22	7/25/22	12/30/22												
2597	29961	MSI	MML	Phase 2	Phase 2 Customer Acceptance (less Utility power)	0%	0 d	12/30/22	NA	12/30/22												
2598	37546		MML	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	275 d	11/24/21	11/24/21	12/30/22												
2599	42798	LAR																				





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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
2783	30353		MVS	Phase 2	Grounding, Compound completion and Close-Out	93%	829 d	10/15/19	10/15/19	1/31/23	NA													
2784	40588	PNS	MVS	Phase 2	House Power On	100%	0 d	4/7/20	4/7/20	4/7/20	4/7/20													
2785	30356	LARICS	MVS	Phase 2	Phase 2 Customer Acceptance (House Power)	100%	0 d	4/7/20	4/7/20	4/7/20	4/7/20													
2786	30357	PNS	MVS	Phase 2	Site Substantially Complete	100%	0 d	10/15/19	10/15/19	10/15/19	10/15/19													
2787	38330	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	11/1/19	11/1/19	11/1/19	11/1/19													
2788	38331	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	5 d	11/4/19	11/4/19	11/8/19	11/8/19													
2789	38824	PNS	MVS	Phase 2	MSI/Authority to reach resolution (ANCO Nut)	100%	20 d	1/23/20	1/23/20	2/19/20	2/19/20													
2790	38332	PNS	MVS	Phase 2	Civil Site Audit Walk and Corrections Addressed	100%	34 d	3/5/20	3/5/20	4/21/20	4/21/20													
2791	38549	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 2)	100%	0 d	4/21/20	4/21/20	4/21/20	4/21/20													
2792	38548	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	15 d	4/22/20	4/22/20	5/12/20	5/12/20													
2793	40844	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	100%	12 d	5/13/20	5/13/20	5/29/20	5/29/20													
2794	40902	PNS	MVS	Phase 2	Civil Site Audit Walk and Corrections Addressed (REV3)	100%	216 d	6/17/20	6/17/20	4/26/21	4/26/21													
2795	40903	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 4)	100%	67 d	5/24/21	5/24/21	8/25/21	8/25/21													
2796	41923	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 4)	100%	22 d	8/26/21	8/26/21	9/27/21	9/27/21													
2797	43113	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 5)	100%	30 d	9/28/21	9/28/21	11/8/21	11/8/21													
2798	43115	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 5)	100%	10 d	11/9/21	11/9/21	11/22/21	11/22/21													
2799	43243	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 6)	100%	18 d	11/23/21	11/23/21	12/20/21	12/20/21													
2800	43242	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 6)	100%	22 d	12/21/21	12/21/21	1/25/22	1/25/22													
2801	43369	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 7)	100%	27 d	1/26/22	1/26/22	3/3/22	3/3/22													
2802	43114	LARICS/MSI	MVS	Phase 2	Joint Review of Civil & A&E Close-out Soft Copy Package	100%	1 d	3/8/22	3/8/22	3/8/22	3/8/22													
2803	43458	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed from Joint review and resubmitted to Authority (Rev 7)	100%	18 d	3/9/22	3/9/22	4/1/22	4/1/22													
2804	43457	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 7)	100%	2 d	4/4/22	4/4/22	4/5/22	4/5/22													
2805	44124	PNS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 8)	100%	60 d	4/6/22	4/6/22	6/29/22	6/29/22													
2806	44123	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (Rev 8)	100%	1 d	6/29/22	6/29/22	6/29/22	6/29/22													
2807	43370	LARICS	MVS	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolog)	100%	1 d	6/30/22	6/30/22	6/30/22	6/30/22													
2808	41924	PNS	MVS	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	20 d	7/1/22	7/1/22	7/29/22	7/29/22													
2809	40845	LARICS	MVS	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	57%	125 d	8/1/22	8/1/22	1/31/23	NA													
2810	38333	LARICS	MVS	Phase 2	Phase 2 Customer Acceptance (less Utility power)	0%	0 d	1/31/23	NA	1/31/23	NA													
2811	37548		MVS	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	829 d	10/16/19	10/16/19	1/31/23	NA													
2812	37749	LARICS	MVS	Phase 2	Phase 2 Customer Acceptance with Power On (House Power)	0%	0 d	1/31/23	NA	1/31/23	NA													
2813	37748	PNS	MVS	Phase 2	HVAC and FS Start up	100%	1 d	10/16/19	10/16/19	10/16/19	10/16/19													
2814	37751	PNS/LARICS	MVS	Phase 2	Site Complete with Power	0%	0 d	1/31/23	NA	1/31/23	NA													
2815	30406		OAT		Oat Mountain_OAT	100%	624 d	1/22/19	1/22/19	7/6/21	7/6/21													
2816	30540		OAT	Phase 2	Phase 2 - Site Construction	100%	624 d	1/22/19	1/22/19	7/6/21	7/6/21													
2817	30541	PNS	OAT	Phase 2	Construction commencement of work	100%	1 d	1/22/19	1/22/19	1/22/19	1/22/19													
2818	30552	PNS	OAT	Phase 2	Additional Elevation/Drainage Permit	100%	7 d	3/6/19	3/6/19	3/14/19	3/14/19													
2819	30553	PNS	OAT	Phase 2	Sempra determination for trimming Oak Trees	100%	10 d	3/14/19	3/14/19	3/27/19	3/27/19													
2820	30550	PNS	OAT	Phase 2	Build Crane Access Pad Cont	100%	5 d	3/15/19	3/15/19	3/21/19	3/21/19													
2821	30554	PNS	OAT	Phase 2	Hot work permit issued by Sempra (SoCal Gas) Co and tree trimming	100%	9 d	3/27/19	3/27/19	4/8/19	4/8/19													
2822	30555		OAT	Phase 2	Antenna Support Structure Construction	100%	37 d	4/1/19	4/1/19	5/21/19	5/21/19													
2823	30556	PNS	OAT	Phase 2	Tower Foundation Construction	100%	9 d	4/1/19	4/1/19	4/11/19	4/11/19													
2824	30557	PNS	OAT	Phase 2	New Tower Installation	100%	6 d	5/14/19	5/14/19	5/21/19	5/21/19													
2825	30558	PNS	OAT	Phase 2	Antenna Support Structure Completed	100%	0 d	5/21/19	5/21/19	5/21/19	5/21/19													
2826	30559		OAT	Phase 2	Shelter Construction	100%	25 d	4/10/19	4/10/19	5/14/19	5/14/19													
2827	30560	PNS	OAT	Phase 2	Shelter Foundation Construction	100%	9 d	4/10/19	4/10/19	4/22/19	4/22/19													
2828	30561	PNS	OAT	Phase 2	Pre-fab Shelter Set	100%	1 d	5/14/19	5/14/19	5/14/19	5/14/19													
2829	30562	PNS	OAT	Phase 2	Shelter Construction Completed	100%	0 d	5/14/19	5/14/19	5/14/19	5/14/19													
2830	30563		OAT	Phase 2	Power Infrastructure	100%	88 d	4/25/19	4/25/19	8/28/19	8/28/19													
2831	30564	PNS	OAT	Phase 2	Install Power Infrastructure	100%	82 d	4/25/19	4/25/19	8/20/19	8/20/19													
2832	30566	PNS	OAT	Phase 2	Jurisdiction Inspection and Approval for Power On	100%	1 d	8/28/19	8/28/19	8/28/19	8/28/19													
2833	30565	PNS	OAT	Phase 2	House Power	100%	0 d	8/28/19	8/28/19	8/28/19	8/28/19													
2834	30568		OAT	Phase 2	Emergency Power System	100%	143 d	2/8/19	2/8/19	8/29/19	8/29/19													
2835	30569	PNS	OAT	Phase 2	Foundation for Emergency Power System	100%	36 d	2/8/19	2/8/19															



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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
2905	38061	PNS/LARIC	ONK	Phase 2	Site Complete with Power	0%	0 d	12/7/22	NA	12/7/22	NA													
2906	30815		PHN		Puente Hills_PHN	100%	444 d	10/31/19	10/31/19	8/3/21	8/3/21													
2907	38348		PHN	Phase 2	Phase 2 - Site Construction	100%	444 d	10/31/19	10/31/19	8/3/21	8/3/21													
2908	38349		PHN	Phase 2	Grounding, Compound completion and Close-Out	100%	444 d	10/31/19	10/31/19	8/3/21	8/3/21													
2909	38353	PNS	PHN	Phase 2	Civil& A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	10/31/19	10/31/19	10/31/19	10/31/19													
2910	38828	LARICS	PHN	Phase 2	MSI/Authority to reach resolution (ANCO Nut)	100%	20 d	1/23/20	1/23/20	2/19/20	2/19/20													
2911	38351	PNS	PHN	Phase 2	Civil Site Audit Walk and Corrections Addressed- Punch List submitted to Authority	100%	35 d	3/5/20	3/5/20	4/22/20	4/22/20													
2912	38522	PNS	PHN	Phase 2	Civil& A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	0 d	4/22/20	4/22/20	4/22/20	4/22/20													
2913	38350	LARICS	PHN	Phase 2	Civil & A&E Close-out Package Approved by The Authority Rev 1	100%	14 d	4/23/20	4/23/20	5/12/20	5/12/20													
2914	40848	PNS	PHN	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	12 d	5/13/20	5/13/20	5/29/20	5/29/20													
2915	40908	PNS	PHN	Phase 2	Civil & A & E Site Walk Audit	100%	141 d	7/1/20	7/1/20	1/25/21	1/25/21													
2916	40909	PNS	PHN	Phase 2	Civil & A&E Close-out Soft Copy Package Assembled & Delivered to Authority	100%	10 d	1/26/21	1/26/21	2/8/21	2/8/21													
2917	41929	LARICS	PHN	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed & Approved by The Authority	100%	14 d	2/9/21	2/9/21	2/26/21	2/26/21													
2918	42097	LARICS	PHN	Phase 2	Review and resolution of questions on Soft Copy Close Out Package with MSI	100%	24 d	3/1/21	3/1/21	4/1/21	4/1/21													
2919	42098	LARICS	PHN	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority	100%	23 d	4/2/21	4/2/21	5/4/21	5/4/21													
2920	41930	PNS	PHN	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	1 d	7/1/21	7/1/21	7/1/21	7/1/21													
2921	40849	LARICS	PHN	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	100%	23 d	7/2/21	7/2/21	8/3/21	8/3/21													
2922	38352	PNS/LARIC	PHN	Phase 2	Site Complete with Power	100%	0 d	8/3/21	8/3/21	8/3/21	8/3/21													
2923	30958		PLM		Palmdale Sheriff Station_PLM	93%	803 d	10/31/19	10/31/19	1/9/23	NA													
2924	38342		PLM	Phase 2	Phase 2 - Site Construction	93%	803 d	10/31/19	10/31/19	1/9/23	NA													
2925	38343		PLM	Phase 2	Grounding, Compound completion and Close-Out	93%	803 d	10/31/19	10/31/19	1/9/23	NA													
2926	38344	PNS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	10/31/19	10/31/19	10/31/19	10/31/19													
2927	38347	PNS	PLM	Phase 2	Civil Site Audit Walk and Corrections Addressed	100%	11 d	11/19/19	11/19/19	12/4/19	12/4/19													
2928	38523	PNS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to The Authority	100%	0 d	12/4/19	12/4/19	12/4/19	12/4/19													
2929	38829	PNS	PLM	Phase 2	MSI/Authority to reach resolution (ANCO Nut)	100%	20 d	1/23/20	1/23/20	2/19/20	2/19/20													
2930	38830	PNS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	3/6/20	3/6/20	3/6/20	3/6/20													
2931	38345	LARICS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	27 d	3/9/20	3/9/20	4/14/20	4/14/20													
2932	40639	PNS	PLM	Phase 2	Civil & A&E Site Audit Corrections Addressed and Punch List Submitted to The Authority Rev 1	100%	31 d	4/15/20	4/15/20	5/28/20	5/28/20													
2933	40911	PNS	PLM	Phase 2	Civil & A & E Site Punch Corrections	100%	3 d	6/3/20	6/3/20	6/5/20	6/5/20													
2934	40910	PNS	PLM	Phase 2	Civil & A&E Site Audit Corrections Addressed and Punch List Submitted to The Authority Rev 2	100%	91 d	6/8/20	6/8/20	10/14/20	10/14/20													
2935	40640	LARICS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	27 d	10/15/20	10/15/20	11/20/20	11/20/20													
2936	41757	PNS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 2)	100%	112 d	11/23/20	11/23/20	5/5/21	5/5/21													
2937	41758	LARICS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	7 d	5/6/21	5/6/21	5/14/21	5/14/21													
2938	43268	PNS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	100%	5 d	11/29/21	11/29/21	12/3/21	12/3/21													
2939	43267	LARICS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 3)	100%	20 d	12/6/21	12/6/21	1/5/22	1/5/22													
2940	43378	PNS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 4)	100%	61 d	1/6/22	1/6/22	4/1/22	4/1/22													
2941	43266	LARICS/MS	PLM	Phase 2	Joint Review of Civil & A&E Close-out Soft Copy Package	100%	1 d	4/28/22	4/28/22	4/28/22	4/28/22													
2942	43462	PNS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed and WAC submitted to Authority	100%	1 d	5/14/21	5/14/21	5/14/21	5/14/21													
2943	43461	LARICS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval	100%	7 d	5/17/21	5/17/21	5/25/21	5/25/21													
2944	43379	LARICS	PLM	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolog)	100%	1 d	5/25/21	5/25/21	5/25/21	5/25/21													
2945	41931	PNS	PLM	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	66%	100 d	8/8/22	8/8/22	12/30/22	NA													
2946	41932	LARICS	PLM	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	0%	5 d	1/3/23	NA	1/9/23	NA													
2947	38346	PNS/LARIC	PLM	Phase 2	Site Complete with Power	0%	0 d	1/9/23	NA	1/9/23	NA													
2948	31108		PMT		Pine Mountain_PMT	99%	1176 d	4/16/18	4/16/18	12/7/22	NA													
2949	31109		PMT	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	720 d	4/16/18	4/16/18	2/18/21	2/18/21													
2950	37288		PMT	Phase 1	Categorical Exclusion Schedule (C																			









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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
3221	41980	LARICS	PRG	Phase 2	Jurisdiction Inspector to submit Meter Release to SCE REV 1 (SCE NOT Received in 2/4 meeting )	100%	6 d	2/4/21	2/4/21	2/11/21	2/11/21												
3222	42514	LARICS	PRG	Phase 2	SCE Environmental Clearance	100%	65 d	2/12/21	2/12/21	5/13/21	5/13/21												
3223	41254	LARICS	PRG	Phase 2	SCE Material Procurement	100%	28 d	5/14/21	5/14/21	6/23/21	6/23/21												
3224	37789	LARICS	PRG	Phase 2	SCE Installation of Commercial Infrastructure and Setting Power Meter	100%	17 d	6/24/21	6/24/21	7/16/21	7/16/21												
3225	37798	PNS	PRG	Phase 2	Phase 2 Customer Acceptance with Power On	100%	0 d	7/16/21	7/16/21	7/16/21	7/16/21												
3226	38410	PNS	PRG	Phase 2	HVAC and FS Start	100%	5 d	7/27/21	7/27/21	8/2/21	8/2/21												
3227	37801	PNS/LARIC	PRG	Phase 2	Site Complete with Power	0%	0 d	12/30/22	NA	12/30/22	NA												
3228	31673		RHT		Rolling Hills Transmit_RHT	98%	1115 d	8/9/18	8/9/18	1/9/23	NA												
3229	31674		RHT	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	495 d	8/9/18	8/9/18	7/22/20	7/22/20												
3230	31697		RHT	Phase 1	GeoTech	100%	27 d	7/16/19	7/16/19	8/21/19	8/21/19												
3231	31702	PNS	RHT	Phase 1	GeoTech Scheduled Drill Date Scheduled/Completed Rev 1	100%	1 d	7/16/19	7/16/19	7/16/19	7/16/19												
3232	31703	PNS	RHT	Phase 1	GeoTech and Resistivity Report Received Rev1	100%	26 d	7/17/19	7/17/19	8/21/19	8/21/19												
3233	31705		RHT	Phase 1	Tower Design	100%	77 d	6/18/19	6/18/19	10/3/19	10/3/19												
3234	31711	PNS	RHT	Phase 1	Final Tower & Tower Foundation Design Ordered/Received and Internally R	100%	70 d	6/18/19	6/18/19	9/24/19	9/24/19												
3235	31712	PNS	RHT	Phase 1	Tower Erection Package	100%	77 d	6/18/19	6/18/19	10/3/19	10/3/19												
3236	31733		RHT	Phase 1	Construction Drawings	100%	360 d	8/9/18	8/9/18	1/10/20	1/10/20												
3237	38168	PNS	RHT	Phase 2	Soil & Slope Review	100%	1 d	8/9/18	8/9/18	8/9/18	8/9/18												
3238	31741	PNS	RHT	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed	100%	336 d	8/10/18	8/10/18	12/5/19	12/5/19												
3239	31740	LARICS	RHT	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS	100%	1 d	12/9/19	12/9/19	12/9/19	12/9/19												
3240	31747	PNS	RHT	Phase 1	Construction Drawings - Tower Permitting Package Created and Submitted	100%	22 d	12/9/19	12/9/19	1/10/20	1/10/20												
3241	31736	LARICS	RHT	Phase 1	Construction Drawings - LA-RICS Approves 100% CD (CD Ready to Submi	100%	0 d	12/9/19	12/9/19	12/9/19	12/9/19												
3242	31763		RHT	Phase 1	Power Design	100%	174 d	11/13/19	11/13/19	7/22/20	7/22/20												
3243	31778	PNS	RHT	Phase 1	Utility Power Application Submitted and Accepted by Utility Co. Rev 5	100%	4 d	11/13/19	11/13/19	11/18/19	11/18/19												
3244	31779	PNS	RHT	Phase 1	Joint Site Walk Completed with Utility Company Rev 3	100%	3 d	11/19/19	11/19/19	11/21/19	11/21/19												
3245	31775	PNS	RHT	Phase 1	Final Power Design Mapping Created and Received in Polygon	100%	101 d	11/19/19	11/19/19	4/14/20	4/14/20												
3246	31780	PNS	RHT	Phase 1	KAIC Interrupt Current Requested and Received from SCE Planner	100%	101 d	11/19/19	11/19/19	4/14/20	4/14/20												
3247	40555	PNS	RHT	Phase 1	COR - for Additional TOPO Survey - required by SCE & TOPO Received	100%	25 d	3/31/20	3/31/20	5/4/20	5/4/20												
3248	40554	PNS	RHT	Phase 1	Utility Power Application Submitted and Accepted by Utility Co. REV 2	100%	24 d	5/5/20	5/5/20	6/8/20	6/8/20												
3249	40552	PNS	RHT	Phase 1	KAIC Interrupt Current Requested and Received from SCE Planner	100%	31 d	6/9/20	6/9/20	7/22/20	7/22/20												
3250	40551	PNS	RHT	Phase 1	Final power Design Mapping Created and Received in Polygon	100%	31 d	6/9/20	6/9/20	7/22/20	7/22/20												
3251	31768	PNS	RHT	Phase 1	Utility Power Design Received by A&E	100%	0 d	7/22/20	7/22/20	7/22/20	7/22/20												
3252	37809		RHT	Phase 1	Equipment & Materials Ordered	100%	137 d	9/25/19	9/25/19	4/9/20	4/9/20												
3253	37811	MSI	RHT	Phase 1	MSI Issues NTP to PNS to Order Tower w/ Assembly	100%	1 d	9/25/19	9/25/19	9/25/19	9/25/19												
3254	37810	PNS	RHT	Phase 2	New Design - Tower Materials Ordered/Ready to Ship	100%	136 d	9/26/19	9/26/19	4/9/20	4/9/20												
3255	31754		RHT	Phase 1	Building Permit	100%	88 d	12/10/19	12/10/19	4/15/20	4/15/20												
3256	31749	PNS	RHT	Phase 1	Jurisdiction Review and Issue of Permit - BP Package	100%	88 d	12/10/19	12/10/19	4/15/20	4/15/20												
3257	31801		RHT	Phase 2	Phase 2 - Site Construction	93%	688 d	4/16/20	4/16/20	1/9/23	NA												
3258	37812	PNS	RHT	Phase 2	Notice to Proceed Construction	100%	1 d	4/16/20	4/16/20	4/16/20	4/16/20												
3259	31802	PNS	RHT	Phase 2	Construction commencement of work	100%	1 d	4/27/20	4/27/20	4/27/20	4/27/20												
3260	31803		RHT	Phase 2	Antenna Support Structure Construction	100%	72 d	5/11/20	5/11/20	8/20/20	8/20/20												
3261	31804	PNS	RHT	Phase 2	Tower Foundation Construction	100%	1 d	5/11/20	5/11/20	5/11/20	5/11/20												
3262	40726	PNS	RHT	Phase 2	Tower Construction - On Hold - Migratory Bird Act	100%																	













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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
3666	38086	PNS	SPH	Phase 1	Pre-fab Shelter Design Created, Received and internally reviewed	100%	88 d	5/1/20	5/1/20	9/3/20	9/3/20													
3667	41743	PNS	SPH	Phase 1	Pre-fab Shelter Design Created, Received and internally reviewed Rev1	100%	11 d	12/9/20	12/9/20	12/23/20	12/23/20													
3668	41809	PNS	SPH	Phase 1	Pre-fab Shelter Design Revised per LARICS Comments (REV2)	100%	5 d	12/28/20	12/28/20	1/5/21	1/5/21													
3669	41744	LARICS	SPH	Phase 1	Authority Reviews and Approves Shelter Design Rev 2	100%	5 d	1/6/21	1/6/21	1/12/21	1/12/21													
3670	41851	PNS	SPH	Phase 1	Pre-fab Shelter Design Revised per LARICS Comments (REV3)	100%	12 d	1/13/21	1/13/21	1/29/21	1/29/21													
3671	41852	LARICS	SPH	Phase 1	Authority Reviews and Approves Shelter Design Rev 3	100%	4 d	2/1/21	2/1/21	2/4/21	2/4/21													
3672	38088	PNS	SPH	Phase 1	Pre-Fab Shelter Design submitted to State of CA for Cert & Received	100%	8 d	2/5/21	2/5/21	2/16/21	2/16/21													
3673	32807		SPH	Phase 1	Zoning Drawings	100%	89 d	12/26/19	12/26/19	4/30/20	4/30/20													
3674	32809	PNS	SPH	Phase 1	Zoning Drawings - Created and internally reviewed Rev 0	100%	77 d	12/26/19	12/26/19	4/14/20	4/14/20													
3675	32808	LARICS	SPH	Phase 1	Zoning Drawings - Submitted to LA-RICS and Comments Received Rev 1	100%	12 d	4/15/20	4/15/20	4/30/20	4/30/20													
3676	32810	LARICS	SPH	Phase 1	Zoning Drawings - LA-RICS Approves	100%	0 d	4/30/20	4/30/20	4/30/20	4/30/20													
3677	32813		SPH	Phase 1	Construction Drawings	100%	135 d	9/2/20	9/2/20	3/18/21	3/18/21													
3679	40740	PNS	SPH	Phase 1	Construction Drawings - 50% CD Created and Comments Addressed	100%	8 d	9/2/20	9/2/20	9/14/20	9/14/20													
3680	40741	LARICS	SPH	Phase 1	Construction Drawings - 50% CD Submitted to LA-RICS and Authority Approval	100%	9 d	9/15/20	9/15/20	9/25/20	9/25/20													
3681	40742	PNS	SPH	Phase 1	Construction Drawings - 75% CD Created and Comments Addressed	100%	49 d	9/28/20	9/28/20	12/4/20	12/4/20													
3682	40743	LARICS	SPH	Phase 1	Construction Drawings - 75% CD Submitted to LA-RICS and Authority Approval	100%	1 d	12/7/20	12/7/20	12/7/20	12/7/20													
3683	32820	PNS	SPH	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed	100%	12 d	12/8/20	12/8/20	12/23/20	12/23/20													
3684	40744	LARICS	SPH	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS and Authority Approval	100%	8 d	12/28/20	12/28/20	1/8/21	1/8/21													
3685	41810	PNS	SPH	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed Rev 1	100%	13 d	2/17/21	2/17/21	3/5/21	3/5/21													
3686	41811	LARICS	SPH	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS and Authority Approval	100%	3 d	3/8/21	3/8/21	3/10/21	3/10/21													
3687	42108	PNS	SPH	Phase 1	Construction Drawings - 100% CD Created and Comments Addressed Rev 1	100%	3 d	3/11/21	3/11/21	3/15/21	3/15/21													
3688	42109	LARICS	SPH	Phase 1	Construction Drawings - 100% CD Submitted to LA-RICS and Authority Approval	100%	3 d	3/16/21	3/16/21	3/18/21	3/18/21													
3689	32816	LARICS	SPH	Phase 1	Construction Drawings - LA-RICS Approves 100% CD (CD Ready to Submit)	100%	0 d	3/18/21	3/18/21	3/18/21	3/18/21													
3691	32825		SPH	Phase 1	Zoning Permit	100%	354 d	5/20/20	5/20/20	10/12/21	10/12/21													
3692	32829		SPH	Phase 1	Zoning - Conditional Use Permit (CUP) ( if needed)	100%	30 d	5/20/20	5/20/20	7/1/20	7/1/20													
3693	32831	LARICS	SPH	Phase 1	CUP: Zoning package created and submitted to Jurisdiction for Review	100%	30 d	5/20/20	5/20/20	7/1/20	7/1/20													
3694	32830	LARICS	SPH	Phase 1	CUP: Zoning Approval Received	100%	0 d	7/1/20	7/1/20	7/1/20	7/1/20													
3695	38122		SPH	Phase 1	Power Design	100%	143 d	3/24/21	3/24/21	10/12/21	10/12/21													
3696	38123	PNS	SPH	Phase 1	Utility Power Application Submitted and Accepted by Utility Co.	100%	4 d	3/24/21	3/24/21	3/29/21	3/29/21													
3697	38128	PNS	SPH	Phase 1	Joint Site Walk Completed with Utility Company	100%	58 d	3/30/21	3/30/21	6/18/21	6/18/21													
3698	38126	PNS	SPH	Phase 1	KAIC Interrupt Current Requested and Received from SCE Planner	100%	104 d	3/30/21	3/30/21	8/23/21	8/23/21													
3699	38124	PNS	SPH	Phase 1	Final Power Design Mapping Created and Received in Polygon	100%	104 d	3/30/21	3/30/21	8/23/21	8/23/21													
3700	38127	PNS	SPH	Phase 1	Utility Power Design Received by A&E	100%	0 d	8/23/21	8/23/21	8/23/21	8/23/21													
3701	41160	LARICS	SPH	Phase 1	Design Invoice Received, Paid & Utility Contract Signed	100%	2 d	8/24/21	8/24/21	8/25/21	8/25/21													
3702	42675	PNS	SPH	Phase 1	PNS to confirm with SCE and the Jurisdiction on Site Address & Site Plan	100%	54 d	5/13/21	5/13/21	7/28/21	7/28/21													
3703	42786	LARICS	SPH	Phase 1	SCE Easement Completed	100%	35 d	8/24/21	8/24/21	10/12/21	10/12/21													
3704	37904		SPH	Phase 2	Equipment & Materials Ordered/Received	100%	189 d	4/2/21	4/2/21	12/30/21	12/30/21													
3705	42404	MSI	SPH	Phase 1	COR -Shelter Size Delta (Shelter, Gen, Tower, and Gen Removal)	100%	25 d	4/2/21	4/2/21	5/6/21	5/6/21													
3706	42531	LARICS	SPH	Phase 1	COR -Shelter Size Delta (Shelter, Gen, Tower, and Gen Removal) Authority	100%	21 d	5/7/21	5/7/21	6/7/21	6/7/21													
3707	42586	LARICS/MSI	SPH	Phase 1	Resolution of 3rd Party Civil Infr Accommodation	100%	48 d	6/8/21	6/8/21	8/12/21	8/12/21						</							

LA-RICS LMR IMS Monthly All Activities  
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Data Date: 11/8/22  
**ATTACHMENT B**

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**ATTACHMENT B**

ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
3734	32879	PNS	SPH	Phase 2	Shelter Foundation Construction	100%	18 d	9/15/21	9/15/21	10/8/21	10/8/21												
3735	32881	PNS	SPH	Phase 2	Pre-fab Shelter Set	100%	9 d	11/12/21	11/12/21	11/24/21	11/24/21												
3736	32877	PNS	SPH	Phase 2	Shelter Construction Completed	100%	0 d	11/24/21	11/24/21	11/24/21	11/24/21												
3737	32884		SPH	Phase 2	Power Infrastructure	100%	157 d	9/13/21	9/13/21	4/27/22	4/27/22												
3738	32885		SPH	Phase 2	Install Power Infrastructure - Install Line Side Green Tag Power Infrast	100%	51 d	9/13/21	9/13/21	11/22/21	11/22/21												
3739	42867	PNS	SPH	Phase 2	Pre-con walk with SCE Inspector	100%	1 d	9/13/21	9/13/21	9/13/21	9/13/21												
3740	42668	PNS	SPH	Phase 2	Trenching for SCE line side conduit from SES to fence	100%	4 d	10/11/21	10/11/21	10/14/21	10/14/21												
3741	42667	PNS	SPH	Phase 2	Lay line side Conduit in trench on SCE line side from SES to fence	100%	1 d	10/14/21	10/14/21	10/14/21	10/14/21												
3742	42666	PNS	SPH	Phase 2	Utility (SCE) Rough Inspection of trench & conduit (partial) from SES to fe	100%	5 d	10/15/21	10/15/21	10/21/21	10/21/21												
3743	42665	PNS	SPH	Phase 2	Backfill Trench (from SES to fence only), Form Pad & Pour for SES	100%	2 d	10/29/21	10/29/21	11/1/21	11/1/21												







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ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
4076	41014	LARICS	RELAY	Phase 1	Coastal Permitting - Authority Reviews and coordinates responses to DRP comments on Zoning package (Rev 1)	100%	30 d	9/2/21	9/2/21	10/14/21	10/14/21													
4077	41018	LARICS	RELAY	Phase 1	Coastal Permitting - Authority Finalizes and Directs Zoning Package of	100%	3 d	10/15/21	10/15/21	10/19/21	10/19/21													
4078	43229	MSI	RELAY	Phase 1	Coastal Permitting - MSI Implements Directed Changes in order to submit via online to EPICLA	100%	7 d	10/20/21	10/20/21	10/28/21	10/28/21													
4079	43111	PNS	RELAY	Phase 1	Coastal Permitting - MSI Submits Rev 1 Zoning Package to DRP on be	100%	1 d	10/29/21	10/29/21	10/29/21	10/29/21													
4160	33412		TPK		Tejon Peak_TPK	100%	852 d	2/26/18	2/26/18	7/6/21	7/6/21													
4161	33505		TPK	Phase 2	Phase 2 - Site Construction	100%	852 d	2/26/18	2/26/18	7/6/21	7/6/21													
4162	33515		TPK	Phase 2	Power Infrastructure	100%	383 d	5/22/18	5/22/18	11/21/19	11/21/19													
4163	36775	PNS	TPK	Phase 2	Breaker Change Out	100%	1 d	1/24/19	1/24/19	1/24/19	1/24/19													
4164	33518	PNS	TPK	Phase 2	Jurisdiction Inspection and Approval for Power On	100%	181 d	5/22/18	5/22/18	2/8/19	2/8/19													
4165	33531	PNS	TPK	Phase 2	Snug tight Inspection	100%	1 d	5/3/19	5/3/19	5/3/19	5/3/19													
4166	38357	PNS	TPK	Phase 2	Create, Submit and receive Approval from LA County of battery Calcs	100%	55 d	8/30/19	8/30/19	11/14/19	11/14/19													
4167	33530	PNS	TPK	Phase 2	Jurisdiction Inspection and Approval for Power On Rev 1	100%	1 d	11/21/19	11/21/19	11/21/19	11/21/19													
4168	33533		TPK	Phase 2	Emergency Power System	100%	133 d	12/4/18	12/4/18	6/14/19	6/14/19													
4169	33539	PNS	TPK	Phase 2	New Generator Prepped for Start up	100%	0 d	6/14/19	6/14/19	6/14/19	6/14/19													
4170	38573	PNS	TPK	Phase 2	Emergency Power Start Up and Verified (Pre-commissioning #1)	100%	1 d	12/4/18	12/4/18	12/4/18	12/4/18													
4171	38572	PNS	TPK	Phase 2	Emergency Power System Completed	100%	0 d	12/4/18	12/4/18	12/4/18	12/4/18													
4172	37980		TPK	Phase 2	Grounding, Compound completion and Close-Out	100%	852 d	2/26/18	2/26/18	7/6/21	7/6/21													
4173	37981	PNS	TPK	Phase 2	Ice Bridge Installation & Grounding	100%	2 d	2/26/18	2/26/18	2/27/18	2/27/18													
4174	37982	PNS	TPK	Phase 2	Fencing Installation & Grounding	100%	4 d	2/26/18	2/26/18	3/1/18	3/1/18													
4175	37983	PNS	TPK	Phase 2	Site Substantially Complete	100%	0 d	11/21/19	11/21/19	11/21/19	11/21/19													
4176	37984	PNS	TPK	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Auth	100%	1 d	10/16/19	10/16/19	10/16/19	10/16/19													
4177	38358	LARICS	TPK	Phase 2	Civil & A&E Close-out Package Approved by The Authority	100%	16 d	10/17/19	10/17/19	11/7/19	11/7/19													
4178	37985	PNS	TPK	Phase 2	Civil Site Audit Walk and Corrections Addressed	100%	18 d	11/27/19	11/27/19	12/23/19	12/23/19													
4179	38449	PNS	TPK	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Auth	100%	0 d	12/23/19	12/23/19	12/23/19	12/23/19													
4180	38448	PNS	TPK	Phase 2	Civil & A&E Close-out Package Approved by The Authority Rev 1	100%	11 d	12/26/19	12/26/19	1/10/20	1/10/20													
4181	38729	LARICS	TPK	Phase 2	MSI/Authority to reach resolution (ANCO Nut)	100%	20 d	1/23/20	1/23/20	2/19/20	2/19/20													
4182	39745	LARICS	TPK	Phase 2	NTP Approval by LARICS to Apply Coating to Enclosure	100%	23 d	3/10/20	3/10/20	4/9/20	4/9/20													
4183	38730	PNS	TPK	Phase 2	Civil Site Audit Walk and Corrections Addressed	100%	22 d	4/30/20	4/30/20	6/1/20	6/1/20													
4184	40916	PNS	TPK	Phase 2	Civil & A &E Site Walk	100%	89 d	6/5/20	6/5/20	10/9/20	10/9/20													
4185	38732	PNS	TPK	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Auth	100%	72 d	10/12/20	10/12/20	1/27/21	1/27/21													
4186	41943	LARICS	TPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed & Approved by The Au	100%	22 d	1/28/21	1/28/21	2/26/21	2/26/21													
4187	42101	LARICS	TPK	Phase 2	Review and resolution of questions on Soft Copy Close Out Package with M	100%	24 d	3/1/21	3/1/21	4/1/21	4/1/21													
4188	42102	LARICS	TPK	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority	100%	22 d	4/2/21	4/2/21	5/3/21	5/3/21													
4189	41944	PNS	TPK	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	100%	2 d	6/22/21	6/22/21	6/23/21	6/23/21													
4190	38733	LARICS	TPK	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	100%	3 d	6/24/21	6/24/21	6/28/21	6/28/21													
4191	42958	PNS	TPK	Phase 2	MSI Submits Formal Submittal Sheet in Prolog to Close Out	100%	1 d	7/6/21	7/6/21	7/6/21	7/6/21													
4192	37986	MSI	TPK	Phase 2	Phase 2 Customer Acceptance (less Utility power)	100%	0 d	7/6/21	7/6/21	7/6/21	7/6/21													
4193	37561		TPK	Phase 2	Commercial Utility Power Infrastructure and Start up	100%	641 d	12/26/18	12/26/18	7/6/21	7/6/21													
4194	37932	LARICS	TPK	Phase 2	SCE Installation of Commercial Infrastructure and Setting Power Meter	100%	90 d	12/20/19	12/20/19	4/29/20	4/29/20													
4195	37934	PNS	TPK	Phase 2	Phase 2 Customer Acceptance with Power On	100%	0 d	7/6/21	7/6/21	7/6/21	7/6/21													
4196	37979																							



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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
4281	42816	PNS	TWR	Phase 1	AEF Design Invoice Received from SCE (for Rev 2)	100%	298 d	10/22/20	10/22/20	12/29/21	12/29/21												
4282	42817	PNS	TWR	Phase 1	Design Invoice Paid by Jacobs and Accepted by SCE (for Rev 2)	100%	1 d	12/30/21	12/30/21	12/30/21	12/30/21												
4283	42818	PNS	TWR	Phase 1	Utility Contract Signed by Jacobs (for Rev 2)	100%	1 d	1/3/22	1/3/22	1/3/22	1/3/22												
4284	38009		TWR	Phase 2	Equipment & Materials Ordered/Received	100%	288 d	9/24/20	9/24/20	11/11/21	11/11/21												
4285	38013	MSI	TWR	Phase 1	MSI Issues NTP to PNS to Order Tower w/ Assembly	100%	1 d	9/24/20	9/24/20	9/24/20	9/24/20												
4286	38010	PNS	TWR	Phase 2	New Design - Tower Materials Ordered/Ready to Ship	100%	249 d	9/25/20	9/25/20	9/20/21	9/20/21												
4287	42826	PNS	TWR	Phase 1	Generator Order	100%	211 d	1/19/21	1/19/21	11/11/21	11/11/21												
4288	42564	LARICS	TWR	Phase 1	COR - Tower bracing rebuild due to Generator Enclosure & CCN - REJECT	100%	8 d	4/9/21	4/9/21	4/20/21	4/20/21												
4289	33735		TWR	Phase 1	Building Permit	100%	190 d	9/28/20	9/28/20	6/29/21	6/29/21												
4290	41226	PNS	TWR	Phase 1	Jurisdiction Review and Issue of Permit BP Package - Approved Pending C	100%	66 d	9/28/20	9/28/20	1/4/21	1/4/21												
4291	38011	PNS	TWR	Phase 1	Building Permit Issued	100%	1 d	1/5/21	1/5/21	1/5/21	1/5/21												
4292	42902	PNS	TWR	Phase 1	Building Permit Tower Civil/Structural Comments Addressed and Approved (Tower Structural Update)	100%	3 d	6/25/21	6/25/21	6/29/21	6/29/21												
4293	33746		TWR	Phase 2	Phase 2 - Site Construction	99%	700 d	3/2/20	3/2/20	12/6/22	NA												
4294	33761		TWR	Phase 2	Site Construction	99%	700 d	3/2/20	3/2/20	12/6/22	NA												
4295	41201	PNS	TWR	Phase 2	Site Bid Walk & Award	100%	40 d	8/21/20	8/21/20	10/16/20	10/16/20												
4296	41807	LARICS/MSI	TWR	Phase 2	LA-RICS and MSI mutual resolution of Scope, Cost, and Schedule of LA-RICS	100%	40 d	1/6/21	1/6/21	3/3/21	3/3/21												
4297	38012	MSI	TWR	Phase 2	Notice to Proceed Construction	100%	1 d	2/17/21	2/17/21	2/17/21	2/17/21												
4298	41806	MSI	TWR	Phase 2	14 Day Notification Sent to ISD & LA-RICS for Pre-Construction Walk, Installation of Temp Gen, alarm monitoring	100%	10 d	5/11/21	5/11/21	5/24/21	5/24/21												
4299	41849	MSI	TWR	Phase 2	Preconstruction Walk	100%	1 d	5/25/21	5/25/21	5/25/21	5/25/21												
4300	42603	PNS	TWR	Phase 2	Utility Locates	100%	5 d	6/15/21	6/15/21	6/21/21	6/21/21												
4301	37993	PNS	TWR	Phase 2	Barging Materials and Equipment Staging/ commencement of work	100%	5 d	6/28/21	6/28/21	7/2/21	7/2/21												
4302	33762	PNS	TWR	Phase 2	Construction commencement of work	100%	1 d	7/1/21	7/1/21	7/1/21	7/1/21												
4303	41868	PNS	TWR	Phase 2	LA County Grading Inspector - Pre-inspection	100%	1 d	7/2/21	7/2/21	7/2/21	7/2/21												
4304	36782	PNS	TWR	Phase 2	Fox Pupping Season (3/1/20 - 6/30/20)	100%	86 d	3/2/20	3/2/20	6/30/20	6/30/20												
4305	41227	PNS	TWR	Phase 2	Fox Pupping Season (3/1/21 - 6/30/21)	100%	87 d	3/1/21	3/1/21	6/30/21	6/30/21												
4306	43754	LARICS	TWR	Phase 2	Fox Pupping Season (3/1/22 - 6/30/22)	100%	87 d	3/1/22	3/1/22	6/30/22	6/30/22												
4307	42861	LARICS	TWR	Phase 2	LA-RICS direction on Heavy Equipment Conservancy route	100%	5 d	6/18/21	6/18/21	6/24/21	6/24/21												
4308	42862	PNS	TWR	Phase 2	Revised Exhibit A #2 Submitted to DRP for Approval of Revised Access Pla	100%	18 d	6/25/21	6/25/21	7/20/21	7/20/21												
4309	42863	PNS	TWR	Phase 2	Barging of drill rig and transportation to site	100%	1 d	7/26/21	7/26/21	7/26/21	7/26/21												
4310	33763		TWR	Phase 2	Antenna Support Structure Construction	100%	68 d	7/27/21	7/27/21	10/29/21	10/29/21												
4311	33764	PNS	TWR	Phase 2	Tower Foundation Construction	100%	29 d	7/27/21	7/27/21	9/3/21	9/3/21												
4312	33765	PNS	TWR	Phase 2	New Tower Installation	100%	15 d	10/11/21	10/11/21	10/29/21	10/29/21												
4313	33766	PNS	TWR	Phase 2	Antenna Support Structure Completed	100%	0 d	10/29/21	10/29/21	10/29/21	10/29/21												
4314	33767		TWR	Phase 2	Shelter Construction	100%	121 d	8/23/21	8/23/21	2/16/22	2/16/22												
4315	42819	PNS	TWR	Phase 2	Grub & Grade Lease Area	100%	3 d	8/23/21	8/23/21	8/25/21	8/25/21												
4316	33768	PNS	TWR	Phase 2	Shelter Foundation Construction	100%	38 d	8/23/21	8/23/21	10/14/21	10/14/21												
4317	41229	PNS	TWR	Phase 2	CMU Exterior Shelter Build (pre-Oct Rain)	100%	5 d	10/18/21	10/18/21	10/22/21	10/22/21												
4318	43137	PNS	TWR	Phase 2	Oct 2021 Rain (10/25 - 10/26) - road closure	100%	2 d	10/25/21	10/25/21	10/26/21	10/26/21												
4319	43138	PNS	TWR	Phase 2	CMU Exterior Shelter Build (post-Oct Rain)	100%	32 d	10/27/21	10/27/21	12/13/21	12/13/21												
4320	43524	PNS	TWR	Phase 2	Rain at site 12/14, 12/15, 12/17 - temperature hinderance 12/16, 12/20	100%	5 d	12/14/21	12/14/21	12/20/21	12/20/21												
4321	43527	PNS	TWR	Phase 2	CMU Exterior Shelter Build (post-Dec Rain)	100%	1 d	12/21/21	12/21/21	12/21/21	12/21/21												









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ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
4592	38399	PNS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	10/16/19	10/16/19	10/17/19	10/17/19													
4593	38400	LARICS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI	100%	15 d	10/17/19	10/17/19	11/7/19	11/7/19													
4594	38451	PNS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	5 d	11/7/19	11/7/19	11/14/19	11/14/19													
4595	38735	PNS	VPK	Phase 2	Site Ready for Civil & A&E Walk (REV1)	100%	0 d	12/18/19	12/18/19	12/18/19	12/18/19													
4596	38736	PNS	VPK	Phase 2	Civil & A&E Walk with The Authority REV1	100%	0 d	12/18/19	12/18/19	12/18/19	12/18/19													
4597	38737	PNS	VPK	Phase 2	Civil & A&E Site Audit Corrections Addressed and Punch List Submitted to The Authority Rev 1	100%	0 d	1/14/20	1/14/20	1/14/20	1/14/20													
4598	38738	LARICS	VPK	Phase 2	MSI/Authority to reach resolution (ANCO Nut)	100%	20 d	1/23/20	1/23/20	2/20/20	2/20/20													
4599	39746	LARICS	VPK	Phase 2	NTP Approval for Gate Coating	100%	22 d	3/10/20	3/10/20	4/9/20	4/9/20													
4600	38739	PNS	VPK	Phase 2	Civil & A&E Site Audit Corrections Addressed (REV2)	100%	28 d	4/21/20	4/21/20	6/1/20	6/1/20													
4601	40917	PNS	VPK	Phase 2	Civil & A&E Site Audit Corrections Addressed (REV3)	100%	199 d	7/1/20	7/1/20	4/16/21	4/16/21													
4602	38560	PNS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 2)	100%	84 d	6/4/21	6/4/21	10/1/21	10/1/21													
4603	41947	LARICS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 2)	100%	12 d	10/1/21	10/1/21	10/19/21	10/19/21													
4604	43185	PNS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 3)	100%	22 d	10/20/21	10/20/21	11/19/21	11/19/21													
4605	43184	LARICS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 3)	100%	9 d	11/22/21	11/22/21	12/7/21	12/7/21													
4606	43389	PNS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 4)	100%	94 d	12/8/21	12/8/21	4/25/22	4/25/22													
4607	44125	LARICS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 4)	100%	29 d	4/26/22	4/26/22	6/7/22	6/7/22													
4608	44126	PNS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 4)	93%	116 d	6/7/22	6/7/22	11/18/22	NA													
4611	43498	LARICS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (Rev 4)	0%	1 d	11/17/22	NA	11/18/22	NA													
4612	43390	LARICS	VPK	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolog)	0%	1 d	11/18/22	NA	11/21/22	NA													
4613	41948	PNS	VPK	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	0%	5 d	11/21/22	NA	11/30/22	NA													
4614	38450	LARICS	VPK	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	0%	5 d	11/30/22	NA	12/7/22	NA													
4615	38402	PNS/LARICS	VPK	Phase 2	Site complete with Power	0%	0 d	12/7/22	NA	12/7/22	NA													
4616	34359		WMP		Whitaker Middle Peak_WMP	99%	1191 d	4/16/18	4/16/18	12/30/22	NA													
4617	34360		WMP	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	575 d	4/16/18	4/16/18	7/21/20	7/21/20													
4618	37308		WMP	Phase 1	Categorical Exclusion Schedule (CATEX)	100%	460 d	4/16/18	4/16/18	2/7/20	2/7/20													
4619	37309	LARICS	WMP	Phase 1	Develop USFS Proposal for batch of 13 sites	100%	14 d	4/16/18	4/16/18	5/3/18	5/3/18													
4620	37310	LARICS	WMP	Phase 1	Proposal Submitted to USFS	100%	1 d	5/3/18	5/3/18	5/3/18	5/3/18													
4621	37311	LARICS	WMP	Phase 1	Proposal Acceptance and Invitation to Submit SF299 to USFS	100%	115 d	5/4/18	5/4/18	10/16/18	10/16/18													
4622	37312	LARICS	WMP	Phase 1	Prepare SF299 Application	100%	138 d	5/4/18	5/4/18	11/16/18	11/16/18													
4623	37313	LARICS	WMP	Phase 1	Submit SF299 Application and Environmental Tech Memos to USFS	100%	1 d	11/19/18	11/19/18	11/19/18	11/19/18													
4624	37314	LARICS	WMP	Phase 1	USFS Evaluates SF 299 Application and Environmental Tech Memos	100%	242 d	11/20/18	11/20/18	11/1/19	11/1/19													
4625	37315	LARICS	WMP	Phase 1	Sign and Notice Decision Memo	100%	0 d	11/1/19	11/1/19	11/1/19	11/1/19													
4626	37316	LARICS	WMP	Phase 1	EMIS 6b Approval from FEMA	100%	4 d	11/5/19	11/5/19	11/8/19	11/8/19													
4627	38530	LARICS	WMP	Phase 1	USFS Special Use Permit Meeting	100%	1 d	12/5/19	12/5/19	12/5/19	12/5/19													
4628	37317	LARICS	WMP	Phase 1	USFS Special Use Permit (SUP) Issued	100%	54 d	11/19/19	11/19/19	2/7/20	2/7/20													
4629	34367	LARICS	WMP	Phase 3	LA-RICS issues NTP for Phase 3	100%	1 d	6/28/19	6/28/19	6/28/19	6/28/19													
4630	38023		WMP	Phase 1	Tower Design	100%	20 d	5/20/19	5/20/19	6/17/19	6/17/19													
4631	38024	PNS	WMP	Phase 1	Final Tower & Tower Foundation Design Ordered/Received and Internally Reviewed	100%	20 d	5/20/19	5/20/19	6/17/19	6/17/19													
4632	34415		WMP	Phase 1	Construction Drawings	100%	223 d	10/23/18	10/23/18	9/9/19	9/9/19													
4633	34422	PNS	WMP	Phase																				

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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
4657	34475		WMP	Phase 2	Phase 2 - Site Construction	96%	726 d	2/17/20	2/17/20	12/30/22	NA												
4658	38028	PNS	WMP	Phase 2	Notice to Proceed Construction	100%	1 d	2/17/20	2/17/20	2/17/20	2/17/20												
4659	34476	PNS	WMP	Phase 2	Construction commencement of work	100%	1 d	2/17/20	2/17/20	2/17/20	2/17/20												
4660	34477		WMP	Phase 2	Antenna Support Structure Construction	100%	66 d	2/19/20	2/19/20	5/20/20	5/20/20												
4661	34478	PNS	WMP	Phase 2	Tower Foundation Construction	100%	37 d	2/19/20	2/19/20	4/30/20	4/30/20												
4662	42489	PNS	WMP	Phase 2	Weather Delay - Rain	100%	1 d	3/13/20	3/13/20	3/13/20	3/13/20												
4663	34479	PNS	WMP	Phase 2	New Tower Installation	100%	11 d	5/6/20	5/6/20	5/20/20	5/20/20												
4664	42492	PNS	WMP	Phase 2	Weather Delay - Rain	100%	5 d	3/16/20	3/16/20	3/20/20	3/20/20												
4665	42491	PNS	WMP	Phase 2	Weather Delay - Rain	100%	4 d	3/23/20	3/23/20	3/26/20	3/26/20												
4666	42490	PNS	WMP	Phase 2	Weather Delay - Rain	100%	4 d	4/6/20	4/6/20	4/9/20	4/9/20												
4667	34480	PNS	WMP	Phase 2	Antenna Support Structure Completed	100%	0 d	5/20/20	5/20/20	5/20/20	5/20/20												
4668	34481		WMP	Phase 2	Shelter Construction	100%	197 d	4/23/20	4/23/20	2/4/21	2/4/21												
4669	34482	PNS	WMP	Phase 2	Shelter Foundation Construction	100%	30 d	4/23/20	4/23/20	6/4/20	6/4/20												
4670	40988	PNS	WMP	Phase 2	LTE 2 Construction	100%	25 d	6/5/20	6/5/20	7/10/20	7/10/20												
4671	40987	PNS	WMP	Phase 2	Re-Start Shelter Foundation Construction	100%	7 d	7/9/20	7/9/20	7/17/20	7/17/20												
4672	34486	PNS	WMP	Phase 2	CMU Shelter Build/HVAC/FS Installation	100%	31 d	7/28/20	7/28/20	9/9/20	9/9/20												
4673	41413	LARICS	WMP	Phase 2	USFS Restrictions - Site Shut Down due to Fires	100%	22 d	9/10/20	9/10/20	10/9/20	10/9/20												
4674	41550	PNS	WMP	Phase 2	Shelter Build - Roof Fastening & Final Electrical	100%	5 d	10/19/20	10/19/20	10/23/20	10/23/20												
4675	41674	LARICS	WMP	Phase 2	Red Flag Warning - No Work	100%	2 d	10/26/20	10/26/20	10/27/20	10/27/20												
4676	41675	PNS	WMP	Phase 2	Shelter Build - Roof Pour - Final Electrical	100%	8 d	10/28/20	10/28/20	11/6/20	11/6/20												
4677	34484	PNS	WMP	Phase 2	Shelter Construction Completed	100%	0 d	11/6/20	11/6/20	11/6/20	11/6/20												
4678	41829	PNS	WMP	Phase 2	No Work - due to Amphibian protection for heavy rains	100%	3 d	12/28/20	12/28/20	12/30/20	12/30/20												
4679	41424	PNS	WMP	Phase 2	Fire Suppression Work	100%	4 d	2/1/21	2/1/21	2/4/21	2/4/21												
4680	34489		WMP	Phase 2	Power Infrastructure	100%	238 d	9/8/20	9/8/20	8/16/21	8/16/21												
4681	41414	PNS	WMP	Phase 2	Red Flag Warning	100%	2 d	9/8/20	9/8/20	9/9/20	9/9/20												
4682	41676	PNS	WMP	Phase 2	SCE review and Decision of Design from Pre-Con Walk	100%	10 d	10/23/20	10/23/20	11/5/20	11/5/20												
4683	41726	PNS	WMP	Phase 2	SCE Pre-con Walk	100%	1 d	11/16/20	11/16/20	11/16/20	11/16/20												
4684	41770	PNS	WMP	Phase 2	Red Flag Warning	100%	4 d	12/3/20	12/3/20	12/8/20	12/8/20												
4685	41793	LARICS	WMP	Phase 2	COR Submitted with Power Bid	100%	22 d	12/9/20	12/9/20	1/13/21	1/13/21												
4686	41857	LARICS	WMP	Phase 2	Change Order Approval of COR for Power Infrastructure Outside of Compound	100%	24 d	1/14/21	1/14/21	2/17/21	2/17/21												
4687	41968	PNS	WMP	Phase 2	Weather Delay - Due to Rain - Amphibian Protection	100%	5 d	1/25/21	1/25/21	1/29/21	1/29/21												
4688	34490	PNS	WMP	Phase 2	Install Power Infrastructure - Line Side	100%	15 d	2/16/21	2/16/21	3/8/21	3/8/21												
4689	42116	LARICS	WMP	Phase 2	Weather - No Work	100%	2 d	3/10/21	3/10/21	3/11/21	3/11/21												
4690	42302	LARICS	WMP	Phase 2	Weather - No Work	100%	2 d	3/15/21	3/15/21	3/16/21	3/16/21												
4691	42308	LARICS	WMP	Phase 2	New Power Design Required due to issues with LTE 2	100%	4 d	3/10/21	3/10/21	3/16/21	3/16/21												
4692	42515	LARICS	WMP	Phase 2	SCE Meeting - 5/3/21 - Power Design No Longer Needed	100%	1 d	5/3/21	5/3/21	5/3/21	5/3/21												
4693	42309	PNS	WMP	Phase 2	LTE2 & LMR work for LMR	100%	5 d	6/1/21	6/1/21	6/7/21	6/7/21												
4694	42117	PNS	WMP	Phase 2	Electrical Install	100%	4 d	6/2/21	6/2/21	6/7/21	6/7/21												
4695	42647	PNS	WMP	Phase 2	SCE Inspection for conduit and backfill	100%	1 d	6/8/21	6/8/21	6/8/21	6/8/21												
4696	41590	PNS	WMP	Phase 2	AHJ Final Inspection for Power On (Load Side) - Inspector required additional work before providing final approval	100%	1 d	6/9/21	6/9/21	6/9/21	6/9/21												
4697	42847	PNS	WMP	Phase 2	Utility Inspection for Mandrel Pull (FCM)	100%	1 d	7/1/21	7/1/21	7/1/21	7/1/21												
4698	41589	PNS	WMP	Phase 2	Install Power Infrastructure - Power Infrastructure outside compound	100%	3 d	2/18/21	2/18/21	2/22/21	2/22/21												
4699	42619	PNS	WMP	Phase 2	Backfill trench - post inspection	100%	1 d	6/8/21	6/8/21	6/8/21	6/8/21												
4700	34492	PNS	WMP	Phase 2	AHJ Final Inspection and Approval for Power On (Load Side)	100%	6 d	6/25/21	6/25/21	7/2/21	7/2/21												
4701	42975	PNS	WMP	Phase 2	Utility Inspection for Mandrel Pull (FCM)	100%	1 d	8/16/21	8/16/21	8/16/21	8/16/21												
4702	42974	PNS	WMP	Phase 2	SCE Final	100%	1 d	8/16/21	8/16/21	8/16/21	8/16/21												
4703	34495		WMP	Phase 2	Emergency Power System	100%	127 d	4/27/20	4/27/20	10/23/20	10/23/20												
4704	34496	PNS	WMP	Phase 2	Foundation for Emergency Power System	100%	30 d	4/27/20	4/27/20	6/8/20	6/8/20												
4705	40990	PNS	WMP	Phase 2	LTE 2 Construction	100%	23 d	6/9/20	6/9/20	7/10/20	7/10/20												
4706	40989	PNS	WMP	Phase 2	Re-Start Foundation for Emergency Power System	100%	14 d	7/8/20	7/8/20	7/27/20	7/27/20												
4707	34500	PNS	WMP	Phase 2	Generator (cold set) & Fuel Tank Set/Construct CMU Wall	100%	9 d	7/28/20	7/28/20	8/7/20	8/7/20												
4708	38034	PNS	WMP	Phase 2	Installation of Ice Shield for Generator and Fuel Tank Enclosure	100%	2 d	9/2/20	9/2/20	9/3/20	9/3/20												
4709	41301	PNS	WMP	Phase 2	Generator and Fuel Tank Cold Set	100%	1 d	9/1/20	9/1/20	9/1/20	9/1/20												
4710	34497	PNS	WMP	Phase 2	New Generator Prepped for Start up	100%	1 d	10/23/20	10/23/20	10/23/20	10/23/20												
4711	38032	PNS	WMP	Phase 2	Emergency Power Start Up and Verified (Pre-commissioning #1)																		



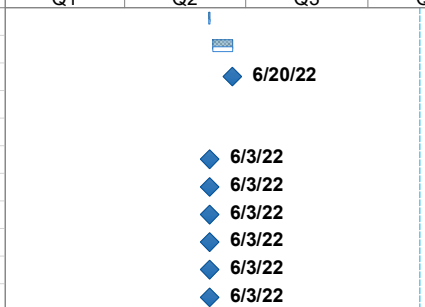
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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
4782	34661	LARICS	WTR	Phase 1	POD reviewed and approved by LA-RICS	100%	107 d	6/12/19	6/12/19	11/8/19	11/8/19													
4783	38507	PNS	WTR	Phase 1	POD Rev.4 Development and Submittal To LA-RICS	100%	5 d	11/11/19	11/11/19	11/15/19	11/15/19													
4784	38506	PNS	WTR	Phase 1	POD Rev.4 Reviewed and Approved by LA-RICS	100%	1 d	11/18/19	11/18/19	11/18/19	11/18/19													
4785	38045		WTR	Phase 2	Equipment & Materials Ordered/Received	100%	86 d	1/3/20	1/3/20	5/4/20	5/4/20													
4786	38054	MSI	WTR	Phase 1	MSI Issues NTP to PNS to Order Tower w/ Assembly	100%	1 d	1/3/20	1/3/20	1/3/20	1/3/20													
4787	38046	PNS	WTR	Phase 2	New Design - Tower Materials Ordered/Ready to Ship	100%	85 d	1/6/20	1/6/20	5/4/20	5/4/20													
4788	38044		WTR	Phase 1	Building Permit	100%	179 d	6/3/19	6/3/19	2/14/20	2/14/20													
4789	38043	PNS	WTR	Phase 1	Jurisdiction Review and Issue of Permit - BP Package	100%	179 d	6/3/19	6/3/19	2/14/20	2/14/20													
4790	34664		WTR	Phase 2	Phase 2 - Site Construction	96%	726 d	2/17/20	2/17/20	12/30/22	NA													
4791	34678		WTR	Phase 2	Site Construction	96%	726 d	2/17/20	2/17/20	12/30/22	NA													
4792	38047	PNS	WTR	Phase 2	Notice to Proceed Construction	100%	1 d	2/17/20	2/17/20	2/17/20	2/17/20													
4793	34679	PNS	WTR	Phase 2	Construction commencement of work	100%	1 d	2/17/20	2/17/20	2/17/20	2/17/20													
4794	34680		WTR	Phase 2	Antenna Support Structure Construction	100%	77 d	2/20/20	2/20/20	6/8/20	6/8/20													
4795	34681	PNS	WTR	Phase 2	Tower Foundation Construction	100%	39 d	2/20/20	2/20/20	5/11/20	5/11/20													
4796	42496	PNS	WTR	Phase 2	Weather Delay - Rain	100%	14 d	3/10/20	3/10/20	3/27/20	3/27/20													
4797	42495	PNS	WTR	Phase 2	Weather Delay - Rain	100%	5 d	4/6/20	4/6/20	4/10/20	4/10/20													
4798	42494	PNS	WTR	Phase 2	Weather Delay - Rain	100%	1 d	5/18/20	5/18/20	5/18/20	5/18/20													
4799	42493	PNS	WTR	Phase 2	Weather Delay - Red Flag	100%	1 d	6/8/20	6/8/20	6/8/20	6/8/20													
4800	34682	PNS	WTR	Phase 2	New Tower Installation	100%	8 d	5/12/20	5/12/20	5/21/20	5/21/20													
4801	34683	PNS	WTR	Phase 2	Antenna Support Structure Completed	100%	0 d	5/21/20	5/21/20	5/21/20	5/21/20													
4802	34684		WTR	Phase 2	Shelter Construction	100%	182 d	2/24/20	2/24/20	11/6/20	11/6/20													
4803	34685	PNS	WTR	Phase 2	Shelter Foundation Construction	100%	55 d	2/24/20	2/24/20	6/9/20	6/9/20													
4804	40984	PNS	WTR	Phase 2	LTE 2 Construction	100%	20 d	6/10/20	6/10/20	7/8/20	7/8/20													
4805	34689	PNS	WTR	Phase 2	CMU Shelter Build/HVAC/FS Installation	100%	43 d	7/9/20	7/9/20	9/8/20	9/8/20													
4806	41431	PNS	WTR	Phase 2	Shelter Build - Continue	100%	10 d	10/12/20	10/12/20	10/23/20	10/23/20													
4807	41677	LARICS	WTR	Phase 2	Red Flag Warning - No Work	100%	2 d	10/26/20	10/26/20	10/27/20	10/27/20													
4808	41678	PNS	WTR	Phase 2	Shelter Build - Finalize - Roof Pour	100%	8 d	10/28/20	10/28/20	11/6/20	11/6/20													
4809	34687	PNS	WTR	Phase 2	Shelter Construction Completed	100%	0 d	11/6/20	11/6/20	11/6/20	11/6/20													
4810	41551	PNS	WTR	Phase 2	Fire Suppression Installation	100%	3 d	11/2/20	11/2/20	11/4/20	11/4/20													
4811	34692		WTR	Phase 2	Power Infrastructure	100%	240 d	9/10/20	9/10/20	8/20/21	8/20/21													
4812	41415	LARICS	WTR	Phase 2	USFS Restrictions - Site Shut Down due to Fires	100%	22 d	9/10/20	9/10/20	10/9/20	10/9/20													
4813	41552	LARICS	WTR	Phase 2	Variance Requested - To Work on Power Infrastructure with Higher Pal L	100%	26 d	10/19/20	10/19/20	11/23/20	11/23/20													
4814	41794	LARICS	WTR	Phase 2	Red Flag Warning - No Work	100%	4 d	12/3/20	12/3/20	12/8/20	12/8/20													
4815	41795	LARICS	WTR	Phase 2	COR Submitted with Power Bid	100%	22 d	12/9/20	12/9/20	1/13/21	1/13/21													
4816	41858	LARICS	WTR	Phase 2	Change Order Approval of COR for Power Infrastructure Outside of Com	100%	24 d	1/14/21	1/14/21	2/17/21	2/17/21													
4817	41967	PNS	WTR	Phase 2	Weather Delay - Due to Rain - Amphibian Protection	100%	5 d	1/25/21	1/25/21	1/29/21	1/29/21													
4818	34693	PNS	WTR	Phase 2	Install Power Infrastructure - Line Side	100%	8 d	2/19/21	2/19/21	3/2/21	3/2/21													
4819	42118	LARICS	WTR	Phase 2	No Work - Weather	100%	2 d	3/10/21	3/10/21	3/11/21	3/11/21													
4820	42303	LARICS	WTR	Phase 2	No Work - Weather	100%	2 d	3/15/21	3/15/21	3/16/21	3/16/21													
4821	41588	PNS	WTR	Phase 2	Jurisdiction Inspection for Line Side Green Tag	100%	1 d	4/6/21	4/6/21	4/6/21	4/6/21													
4822	41859	PNS	WTR	Phase 2	Procurement of the Boring Machine	100%	8 d	2/18/21	2/18/21	3/1/21	3/1/21													
4823	41587	PNS	WTR	Phase 2	Install Power Infrastructure - Electrical Install	100%	5 d	3/2/21	3/2/21	3/8/21	3/8/													



















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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024								
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
4905	43822	LARICS	LASDTI	Phase 2	Civil & A&E Close-out Soft Copy Package Reviewed by the Authority and comments submitted to MSI (Rev 3)	100%	41 d	3/7/22	3/7/22	5/2/22	5/2/22																	
4906	43821	PNS	LASDTI	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Comments Received, Addressed and resubmitted (Rev 4)	100%	9 d	5/3/22	5/3/22	5/13/22	5/13/22																	
4907	43145	LARICS/MSI	LASDTI	Phase 2	Joint Review of Civil & A&E Close-out Soft Copy Package	100%	1 d	5/19/22	5/19/22	5/19/22	5/19/22																	
4908	43507	PNS	LASDTI	Phase 2	Civil & A&E Close-out Soft Copy Package Comments addressed from Joint review and resubmitted to Authority (Rev 4)	94%	128 d	5/20/22	5/20/22	11/18/22	NA																	
4909	43506	LARICS	LASDTI	Phase 2	Civil & A&E Close-out Soft Copy Package Authority Review and approval (Rev 4)	0%	1 d	11/18/22	NA	11/18/22	NA																	
4910	43387	LARICS	LASDTI	Phase 2	Civil & A&E Close-out Soft Copy Package Approved by The Authority (Prolog)	0%	1 d	11/21/22	NA	11/21/22	NA																	
4911	41950	PNS	LASDTI	Phase 2	Civil & A&E Close-out Hard Copy Package Delivered to The Authority	0%	5 d	11/22/22	NA	11/30/22	NA																	
4912	38838	LARICS	LASDTI	Phase 2	Civil & A&E Close-out Hard Copy Package Approved by The Authority	0%	5 d	12/1/22	NA	12/7/22	NA																	
4913	38391	LARICS	LASDTI	Phase 2	Phase 2 Customer Acceptance (House power)	0%	0 d	12/7/22	NA	12/7/22	NA																	
4914	42932		LASDTI	Phase 2	Commercial Utility Power Infrastructure and Start up	99%	1195 d	3/20/18	3/20/18	12/7/22	NA																	
4915	42935	PNS	LASDTI	Phase 2	HVAC Start Up (Pre-commissioning)	100%	1 d	3/20/18	3/20/18	3/20/18	3/20/18																	
4916	42934	PNS	LASDTI	Phase 2	FSS Startup (ventilation controls only) (Pre-commissioning)	100%	1 d	3/20/18	3/20/18	3/20/18	3/20/18																	
4917	42933	PNS	LASDTI	Phase 2	Emergency Power Start Up and Verified (Commissioning #2)	100%	1 d	3/20/18	3/20/18	3/20/18	3/20/18																	
4918	41533	PNS/LARICS	LASDTI	Phase 2	Site Complete with Power	0%	0 d	12/7/22	NA	12/7/22	NA																	
4919	36869		LAN		Lancaster_LAN	100%	540 d	8/28/18	8/28/18	10/13/20	10/13/20																	
4920	36870		LAN	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	3 d	8/28/18	8/28/18	8/30/18	8/30/18																	
4921	36871	PNS	LAN	Phase 1	Building Permit Ready to Issue	100%	3 d	8/28/18	8/28/18	8/30/18	8/30/18																	
4922	36872		LAN	Phase 2	Phase 2 - Site Construction	100%	532 d	9/10/18	9/10/18	10/13/20	10/13/20																	
4923	36873	PNS	LAN	Phase 2	Construction commencement of work	100%	1 d	9/10/18	9/10/18	9/10/18	9/10/18																	
4924	36878	PNS	LAN	Phase 2	Power Infrastructure	100%	1 d	12/5/18	12/5/18	12/5/18	12/5/18																	
4925	36884	LARICS	LAN	Phase 2	Phase 2 Acceptance Ready	100%	0 d	12/6/18	12/6/18	12/6/18	12/6/18																	
4926	36885	PNS	LAN	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	32 d	9/10/18	9/10/18	10/23/18	10/23/18																	
4927	38382	PNS	LAN	Phase 2	Civil Site Audit Walk and Corrections Addressed	100%	11 d	11/20/19	11/20/19	12/5/19	12/5/19																	
4928	38380	PNS	LAN	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	0 d	12/5/19	12/5/19	12/5/19	12/5/19																	
4929	38381	LARICS	LAN	Phase 2	Civil & A&E Close-out Package Approved by The Authority	100%	23 d	12/6/19	12/6/19	1/10/20	1/10/20																	
4930	38841	LARICS	LAN	Phase 2	MSI/Authority to reach resolution (ANCO Nut)	100%	20 d	1/23/20	1/23/20	2/19/20	2/19/20																	
4931	38840	PNS	LAN	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	3/6/20	3/6/20	3/6/20	3/6/20																	
4932	38839	PNS	LAN	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	3/31/20	3/31/20	3/31/20	3/31/20																	
4933	40190	LARICS	LAN	Phase 2	Civil & A&E Close-out Package Approved by The Authority Rev 3	100%	10 d	4/1/20	4/1/20	4/14/20	4/14/20																	
4934	40645	PNS	LAN	Phase 2	Civil & A&E Close-out Soft Copy Package Completed and Delivered to Authority	100%	1 d	10/6/20	10/6/20	10/6/20	10/6/20																	
4935	40643	LARICS	LAN	Phase 2	Civil & A&E Close-out Package Approved by The Authority	100%	5 d	10/7/20	10/7/20	10/13/20	10/13/20																	
4936	38383	LARICS	LAN	Phase 2	Phase 2 Customer Acceptance (House power)	100%	0 d	10/13/20	10/13/20	10/13/20	10/13/20																	
4937	41532	PNS/LARICS	LAN	Phase 2	Site Complete with Power	100%	0 d	10/13/20	10/13/20	10/13/20	10/13/20																	
4938	36900		LDWP2		LDWP243_Sylmar_LDWP243	100%	1186 d	12/28/16	12/28/16	8/30/21	8/30/21																	
4939	36901		LDWP2	Phase 1	Phase 1 - Site Design_Pre-Construction	100%	1 d	12/28/16	12/28/16	12/28/16	12/28/16																	
4940	36902	PNS	LDWP2	Phase 1	Building Permit Ready to Issue	100%	1 d	12/28/16	12/28/16	12/28/16	12/28/16																	
4941	36903		LDWP2	Phase 2	Phase 2 - Site Construction	100%	1153 d	2/14/17	2/14/17	8/30/21																		





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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
5096	38917	MSI/LARICS	AGH	Phase 4a	Customer Site Walk and Audit	100%	1 d	6/3/22	6/3/22	6/3/22	6/3/22												
5097	42318	MSI	AGH	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	11 d	6/6/22	6/6/22	6/20/22	6/20/22												
5098	37050	MSI	AGH	Phase 4a	Site Installation Complete _ph4a_ AGH	100%	0 d	6/20/22	6/20/22	6/20/22	6/20/22												
5099	39568	MSI	AGH	Phase 4a	AGH connected to DTVRS West 700_Prime TOP	100%	0 d	9/13/21	9/13/21	9/13/21	9/13/21												
5100	39574	MSI	AGH	Phase 4a	AGH connected to DTVRS West UHF_Prime TOP	100%	0 d	9/13/21	9/13/21	9/13/21	9/13/21												
5101	39476	MSI	AGH	Phase 4a	AGH connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5102	39608	MSI	AGH	Phase 4a	AGH connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5103	39648	MSI	AGH	Phase 4a	AGH connected to LACoFD TRO 6_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5104	39661	MSI	AGH	Phase 4a	AGH connected to Regional TRO 6_Prime BHS	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5105	42020	MSI	AGH	Phase 4a	AGH connected to NMDN-Phase 2_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5106	39477	MSI	AGH	Phase 4a	AGH connected to Core	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22	12/15/21											
5107	36575		APC	Phase 4a	Phase 4a - Equipment Installation_APC	100%	699 d	3/15/19	3/15/19	12/15/21	12/15/21												
5108	36578	MSI	APC	Phase 4a	Site Installation Internal Verification - APC	100%	1 d	3/15/19	3/15/19	3/15/19	3/15/19												
5109	40252	MSI	APC	Phase 4a	Site Optimization - APC	100%	3 d	5/19/20	5/19/20	5/21/20	5/21/20												
5110	41598	MSI	APC	Phase 4a	Punchlist resolution	100%	114 d	12/28/20	12/28/20	6/9/21	6/9/21												
5111	42142	MSI	APC	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	53 d	1/12/21	1/12/21	3/26/21	3/26/21												
5112	42179	LARICS	APC	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	13 d	3/29/21	3/29/21	4/14/21	4/14/21												
5113	40253	MSI/LARICS	APC	Phase 4a	Customer Site Walk and Audit	100%	1 d	6/18/21	6/18/21	6/18/21	6/18/21												
5114	42319	MSI	APC	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	64 d	6/21/21	6/21/21	9/17/21	9/17/21												
5115	43046	MSI	APC	Phase 4a	Walk with JCC to review the construction plans	100%	1 d	9/17/21	9/17/21	9/17/21	9/17/21												
5116	43047	MSI	APC	Phase 4a	Schedule Punchlist resolution Rev 2 after JCC Walk	100%	1 d	12/7/21	12/7/21	12/7/21	12/7/21												
5117	43048	MSI	APC	Phase 4a	Address Customer Audit Comments & Resubmit to Authority Rev2	100%	6 d	12/8/21	12/8/21	12/15/21	12/15/21												
5118	36579	MSI	APC	Phase 4a	Site Installation Complete _ph4a_ APC	100%	0 d	12/15/21	12/15/21	12/15/21	12/15/21												
5119	39513	MSI	APC	Phase 4a	APC connected to DTVRS South 700_Prime RHT	100%	0 d	6/21/21	6/21/21	6/21/21	6/21/21												
5120	39514	MSI	APC	Phase 4a	APC connected to Core	100%	0 d	6/21/19	6/21/19	6/21/19	6/21/19												
5121	36653		BHS	Phase 4a	Phase 4a - Equipment Installation_BHS	100%	339 d	7/20/20	7/20/20	11/17/21	11/17/21												
5122	37068	PNS	BHS	Phase 4a	Portable generator for FNE Cabling	100%	1 d	7/24/20	7/24/20	7/24/20	7/24/20												
5123	38771		BHS	Phase 4a	Power System - Phase 4a	100%	189 d	7/21/20	7/21/20	4/20/21	4/20/21												
5124	36662	PNS	BHS	Phase 4a	Cold Install DC Plant Rack & Equipment	100%	2 d	7/21/20	7/21/20	7/22/20	7/22/20												
5125	38773	PNS	BHS	Phase 4a	Utility panel to DC plant wiring	100%	1 d	7/29/20	7/29/20	7/29/20	7/29/20												
5126	38772	PNS	BHS	Phase 4a	Install AC inverter, wiring to distribution panel	100%	1 d	9/14/20	9/14/20	9/14/20	9/14/20												
5127	36667	PNS	BHS	Phase 4a	DC wiring to equipment racks	100%	7 d	9/15/20	9/15/20	9/23/20	9/23/20												
5128	36665	PNS	BHS	Phase 4a	Battery System Installation	100%	10 d	9/10/20	9/10/20	9/23/20	9/23/20												
5129	41477	PNS	BHS	Phase 4a	Battery System Installation - Finalize	100%	3 d	10/15/20	10/15/20	10/19/20	10/19/20												
5130	38774	PNS	BHS	Phase 4a	Battery System wiring	100%	1 d	10/21/20	10/21/20	10/21/20	10/21/20												
5131	38775	PNS	BHS	Phase 4a	Battery monitoring system installation and wiring	100%	2 d	10/22/20	10/22/20	10/23/20	10/23/20												
5132	38776	PNS	BHS	Phase 4a	DC Power Activated	100%	1 d	4/20/21	4/20/21	4/20/21	4/20/21												
5133	38918		BHS	Phase 4a	Equipment Installation	100%	65 d	7/20/20	7/20/20	10/19/20	10/19/20												
5134	36664	MSI	BHS	Phase 4a	Install MSI FNE Equipment	100%	5 d	7/20/20	7/20/20	7/24/20	7/24/20												
5135	36663	MSI	BHS	Phase 4a	Install Mw IDU Equipment	100%	5 d	7/20/20	7/20/20	7/24/20	7/24/20												
5136	36666	MSI	BHS	Phase 4a	Site Equipment Installation Complete	100%	0 d	10/19/20	10/19/20	10/19/20	10/19/20												
5137	38919		BHS	Phase 4a	FNE and Mw Antenna Installation	100%	39 d	8/3/20	8/3/20	9/25/20	9/25/20												
5138	36669	MSI	BHS	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	34 d	8/10/20	8/10/20	9/25/20	9/25/20												
5139	36670	MSI	BHS	Phase 4a	Install Mw OD including Antenna and Lines	100%	3 d	8/3/20	8/3/20	8/5/20	8/5/20												
5140	36671	MSI	BHS	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	9/25/20	9/25/20	9/25/20	9/25/20												
5141	37056	MSI	BHS	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	10 d	7/27/20	7/27/20	8/7/20	8/7/20												
5142	37061	MSI	BHS	Phase 4a	Site Installation Internal Verification - BHS	100%	1 d	4/28/21	4/28/21	4/28/21	4/28/21												
5143	40251	MSI	BHS	Phase 4a	Site Optimization - BHS	100%	4 d	6/9/21	6/9/21	6/14/21	6/14/21												
5144	41599	MSI	BHS	Phase 4a	Punchlist resolution	100%	16 d	7/8/21	7/8/21	7/29/21	7/29/21												
5145	42140	MSI	BHS	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	26 d	6/22/21	6/22/21	7/27/21	7/27/21												
5146	42141	LARICS	BHS	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	7/28/21	7/28/21	7/29/21	7/29/21												
5147	38920	MSI/LARICS	BHS	Phase 4a	Customer Site Walk and Audit	100%	1 d	7/30/21	7/30/21	7/30/21	7/30/21												
5																							



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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
5228	39462	MSI	BJM	Phase 4a	BJM connected to CNTYWD LLB (LARTCS Low Band)_Prime FCCF	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5229	39478	MSI	BJM	Phase 4a	BJM connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5230	39581	MSI	BJM	Phase 4a	BJM connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5231	39609	MSI	BJM	Phase 4a	BJM connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5232	39636	MSI	BJM	Phase 4a	BJM connected to LACoFD TRO 5_Prime RHT	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5233	39644	MSI	BJM	Phase 4a	BJM connected to TRO 5 CAT_Prime DPK	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5234	40158	MSI	BJM	Phase 4a	BJM connected to NMDN-Phase 1_Prime FCCF	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5235	39411	MSI	BJM	Phase 4a	BJM connected to Core	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
5236	24592		BKK	Phase 4a	Phase 4a - Equipment Installation_BKK	100%	480 d	7/10/19	7/10/19	6/1/21	6/1/21													
5237	38894		BKK	Phase 4a	Power System - Phase 4a	100%	169 d	7/10/19	7/10/19	3/9/20	3/9/20													
5238	24603	MSI	BKK	Phase 4a	Cold Install DC Plant Equipment	100%	2 d	7/10/19	7/10/19	7/11/19	7/11/19													
5239	24606	MSI	BKK	Phase 4a	Battery System Installation	100%	17 d	7/10/19	7/10/19	8/1/19	8/1/19													
5240	24607	MSI	BKK	Phase 4a	DC Plant Wiring	100%	11 d	7/18/19	7/18/19	8/1/19	8/1/19													
5241	37120	PNS	BKK	Phase 4a	DC Power Activated - Temp	100%	1 d	3/9/20	3/9/20	3/9/20	3/9/20													
5242	38924		BKK	Phase 4a	Equipment Installation	100%	17 d	7/10/19	7/10/19	8/1/19	8/1/19													
5243	24605	MSI	BKK	Phase 4a	Install MSI FNE Equipment	100%	2 d	7/10/19	7/10/19	7/11/19	7/11/19													
5244	24604	MSI	BKK	Phase 4a	Install Mw IDU Equipment	100%	2 d	7/10/19	7/10/19	7/11/19	7/11/19													
5245	24602	MSI	BKK	Phase 4a	Site Equipment Installation Complete	100%	0 d	8/1/19	8/1/19	8/1/19	8/1/19													
5246	38925		BKK	Phase 4a	FNE and Mw Antenna Installation	100%	60 d	12/3/19	12/3/19	2/28/20	2/28/20													
5247	24610	MSI	BKK	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	7 d	1/15/20	1/15/20	1/24/20	1/24/20													
5248	24611	MSI	BKK	Phase 4a	Install Mw OD including Antenna and Lines(Partial)	100%	3 d	12/3/19	12/3/19	12/5/19	12/5/19													
5249	38596	MSI	BKK	Phase 4a	Install Mw OD including Antenna and Lines(Resume)	100%	4 d	2/25/20	2/25/20	2/28/20	2/28/20													
5250	24609	MSI	BKK	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	2/28/20	2/28/20	2/28/20	2/28/20													
5251	37104	MSI	BKK	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	8 d	1/14/20	1/14/20	1/24/20	1/24/20													
5252	39301	MSI	BKK	Phase 4a	Low voltage SMMS wiring	100%	4 d	5/18/20	5/18/20	5/21/20	5/21/20													
5253	37108	MSI	BKK	Phase 4a	Site Installation Internal Verification - BKK	100%	2 d	5/28/20	5/28/20	5/29/20	5/29/20													
5254	40261	MSI	BKK	Phase 4a	Site Optimization - BKK	100%	6 d	10/1/20	10/1/20	10/8/20	10/8/20													
5255	41603	MSI	BKK	Phase 4a	Punchlist resolution	100%	75 d	12/7/20	12/7/20	3/26/21	3/26/21													
5256	42146	MSI	BKK	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	65 d	12/21/20	12/21/20	3/26/21	3/26/21													
5257	42147	LARICS	BKK	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	13 d	3/29/21	3/29/21	4/14/21	4/14/21													
5258	38926	MSI/LARICS	BKK	Phase 4a	Customer Site Walk and Audit	100%	1 d	4/16/21	4/16/21	4/16/21	4/16/21													
5259	42322	MSI	BKK	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	30 d	4/19/21	4/19/21	5/28/21	5/28/21													
5260	37106	MSI	BKK	Phase 4a	Site Installation Complete _ph4a_ BKK	100%	0 d	5/28/21	5/28/21	5/28/21	5/28/21													
5261	39560	MSI	BKK	Phase 4a	BKK connected to DTVRS East 700_Prime RIH	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21													
5262	39610	MSI	BKK	Phase 4a	BKK connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	7/27/20	7/27/20	7/27/20	7/27/20													
5263	39561	MSI	BKK	Phase 4a	BKK connected to Core	100%	0 d	8/6/20	8/6/20	8/6/20	8/6/20													
5264	24765		BMT	Phase 4a	Phase 4a - Equipment Installation_BMT	100%	764 d	2/8/19	2/8/19	2/15/22	2/15/22													
5265	24779	MSI	BMT	Phase 4a	DC wiring to equipment racks	100%	1 d	2/8/19	2/8/19	2/8/19	2/8/19													
5266	37178	PNS	BMT	Phase 4a	DC Power Activated	100%	1 d	2/8/19	2/8/19	2/8/19	2/8/19													
5267	24772	MSI	BMT	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	19 d	4/29/19	4/29/19	5/24/19	5/24/19													
5268	24770	MSI	BMT	Phase 4a	Site Installation Internal Verification - BMT	100%	1 d	5/28/19	5/28/19	5/28/19	5/28/19													
5269	40265	MSI	BMT	Phase 4a	Site Optimization - BMT	100%	9 d	5/26/20	5/26/20	6/5/20	6/5/20													
5270	41604	MSI	BMT	Phase 4a	Punchlist resolution	100%	10 d	1/28/21	1/28/21	2/10/21	2/10/21													
5271	42272	MSI	BMT	Phase 4a	Punchlist Resolution Restart	100%	47 d	3/22/21	3/22/21	5/25/21	5/25/21													
5272	42148	MSI	BMT	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	47 d	3/22/21	3/22/21	5/25/21	5/25/21													
5273	42149	LARICS	BMT	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	5/25/21	5/25/21	5/26/21	5/26/21													
5274	40264	MSI/LARICS	BMT	Phase 4a	Customer Site Walk and Audit	100%	1 d	5/28/21	5/28/21	5/28/21	5/28/21													
5275	42323	MSI	BMT	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	30 d	6/1/21	6/1/21	7/12/21	7/12/21													
5276	24768	MSI	BMT	Phase 4a	Site Installation Complete _ph4a_ BMT	100%	0 d	7/12/21	7/12/21	7/12/21	7/12/21													
5277	39463	MSI	BMT	Phase 4a	BMT connected to CNTYWD LLB (LARTCS Low Band)_Prime FCCF	100%	0 d	2/15/2																



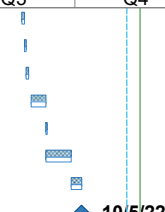


LA-RICS LMR IMS Monthly All Activities as of 08 November 2022												Data Date: 11/8/22												
ATTACHMENT B																								
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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
5426	39801	MSI	CPK	Phase 3	Inventory and BOM - FNE NMDN	100%	2 d	9/2/20	9/2/20	9/3/20	9/3/20	<div><div></div></div>												
5427	39802	LARICS	CPK	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	2 d	9/28/20	9/28/20	9/29/20	9/29/20													
5428	36382		CPK	Phase 4a	Phase 4a - Equipment Installation_CPK	100%	285 d	4/20/21	4/20/21	6/3/22	6/3/22													
5430	38931		CPK	Phase 4a	Power System - Phase 4a	100%	86 d	4/26/21	4/26/21	8/24/21	8/24/21													
5431	36391	MSI	CPK	Phase 4a	Cold Install DC Plant Equipment	100%	4 d	4/26/21	4/26/21	4/29/21	4/29/21													
5432	38906	MSI	CPK	Phase 4a	DC wiring to equipment racks	100%	10 d	5/3/21	5/3/21	5/14/21	5/14/21													
5433	42614	MSI	CPK	Phase 4a	Battery Rack Delivery & Battery Delivery by Airwave with Powder coating	100%	18 d	5/25/21	5/25/21	6/18/21	6/18/21													
5434	36394	MSI	CPK	Phase 4a	Battery System Installation	100%	9 d	6/28/21	6/28/21	7/8/21	7/8/21													
5435	42967	PNS	CPK	Phase 4a	Battery System wiring	100%	4 d	7/20/21	7/20/21	7/23/21	7/23/21													
5436	38907	PNS	CPK	Phase 4a	DC Power Activated	100%	1 d	8/24/21	8/24/21	8/24/21	8/24/21													
5437	38932		CPK	Phase 4a	Equipment Installation	100%	68 d	4/20/21	4/20/21	7/23/21	7/23/21													
5438	36392	MSI	CPK	Phase 4a	Install Mw IDU Equipment	100%	33 d	4/20/21	4/20/21	6/4/21	6/4/21													
5439	36393	MSI	CPK	Phase 4a	Install MSI FNE Equipment	100%	33 d	4/20/21	4/20/21	6/4/21	6/4/21													
5440	40106	MSI	CPK	Phase 4a	Install NMDN FNE Equipment	100%	33 d	4/20/21	4/20/21	6/4/21	6/4/21													
5441	36395	MSI	CPK	Phase 4a	Site Equipment Installation Complete	100%	0 d	7/23/21	7/23/21	7/23/21	7/23/21													
5442	38933		CPK	Phase 4a	FNE and Mw Antenna Installation	100%	90 d	5/18/21	5/18/21	9/22/21	9/22/21													
5443	36398	MSI	CPK	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	75 d	5/18/21	5/18/21	8/31/21	8/31/21													
5444	36399	MSI	CPK	Phase 4a	Install Mw OD including Antenna and Lines	100%	2 d	9/7/21	9/7/21	9/8/21	9/8/21													
5445	43050	MSI	CPK	Phase 4a	Delay due to ADW COVID	100%	7 d	9/9/21	9/9/21	9/17/21	9/17/21													
5446	43051	MSI	CPK	Phase 4a	Resume Install Mw OD including Antenna and Lines	100%	3 d	9/20/21	9/20/21	9/22/21	9/22/21													
5447	40107	MSI	CPK	Phase 4a	Install Antenna and Lines NMDN	100%	26 d	7/27/21	7/27/21	8/31/21	8/31/21													
5448	36400	MSI	CPK	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	9/22/21	9/22/21	9/22/21	9/22/21													
5449	37358	MSI	CPK	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	33 d	4/20/21	4/20/21	6/4/21	6/4/21													
5450	37362	MSI	CPK	Phase 4a	Site Installation Internal Verification - CPK	100%	3 d	9/20/21	9/20/21	9/22/21	9/22/21													
5451	40286	MSI	CPK	Phase 4a	Site Optimization - CPK	100%	15 d	9/30/21	9/30/21	10/20/21	10/20/21													
5452	41659	MSI	CPK	Phase 4a	Punchlist resolution	100%	19 d	11/16/21	11/16/21	12/14/21	12/14/21													
5453	42174	MSI	CPK	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	19 d	11/18/21	11/18/21	12/16/21	12/16/21													
5454	42183	LARICS	CPK	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	12/17/21	12/17/21	12/20/21	12/20/21													
5455	39302	MSI/LARICS	CPK	Phase 4a	Customer Site Walk and Audit	100%	1 d	12/17/21	12/17/21	12/17/21	12/17/21													
5456	42328	MSI	CPK	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	18 d	12/20/21	12/20/21	1/18/22	1/18/22													
5457	37364	MSI	CPK	Phase 4a	Site Installation Complete _ph4a_ CPK	100%	0 d	1/18/22	1/18/22	1/18/22	1/18/22													
5458	39569	MSI	CPK	Phase 4a	CPK connected to DTVRS West 700_Prime TOP	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5459	39575	MSI	CPK	Phase 4a	CPK connected to DTVRS West UHF_Prime TOP	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5460	39413	MSI	CPK	Phase 4a	CPK connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5461	39464	MSI	CPK	Phase 4a	CPK connected to CNTYWD LLB (LARTCS Low Band)_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5462	39480	MSI	CPK	Phase 4a	CPK connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5463	39584	MSI	CPK	Phase 4a	CPK connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5464	39613	MSI	CPK	Phase 4a	CPK connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5465	39638	MSI	CPK	Phase 4a	CPK connected to LACoFD TRO 5_Prime RHT	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5466	39651	MSI	CPK	Phase 4a	CPK connected to LACoFD TRO 6_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5467	39663	MSI	CPK	Phase 4a	CPK connected to Regional TRO 6_Prime BHS	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5468	40160	MSI	CPK	Phase 4a	CPK connected to NMDN-Phase 1_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5469	39414	MSI	CPK	Phase 4a	CPK connected to Core	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22													
5470	25893		CRN	Phase 4a	Phase 4a - Equipment Installation_CRN	100%	586 d	2/27/19	2/27/19	6/18/21	6/18/21													
5471	37375	PNS	CRN	Phase 2	Portable generator for FNE Cabling	100%	1 d	9/10/19	9/10/19	9/10/19	9/10/19													
5472	38934		CRN	Phase 4a	Power System - Phase 4a	100%	264 d	2/27/19	2/27/19	3/11/20	3/11/20													
5473	25904	MSI	CRN	Phase 4a	Cold Install DC Plant Equipment	100%	59 d	3/5/19	3/5/19	5/28/19	5/28/19													
5474	25907	MSI	CRN	Phase 4a	Battery System Installation	100%	58 d	2/27/19	2/27/19	5/20/19	5/20/19													
5475	25908	MSI	CRN	Phase 4a	DC wiring to equipment racks	100%	30 d	5/29/19	5/29/19	7/11/19	7/11/19													
5476	37384	PNS	CRN	Phase 4a	DC Power Activated	100%	1 d	3/11/20	3/11/20	3/11/20	3/11/20													
5477	38986		CRN	Phase 4a	Equipment Installation	100%	1 d	5/28/19	5/28/19	5/28/19	5/28/19													
5478	25905	MSI	CRN	Phase 4a	Install Mw IDU Equipment	100%	0 d	5/28/19	5/28/19	5/28/19	5/28/19													
5479	25906	MSI	CRN	Phase 4a	Install MSI FNE Equipment	100%	1 d	5/28/19	5/28/19	5/28/19	5/28/19													
5480	25903	MSI	CRN	Phase 4a	Site Equipment Installation Complete	100%	0 d	5/28/19	5/28/19	5/28/19	5/28/19													
5481	39018		CRN	Phase 4a	FNE and Mw Antenna Installation	100%	122.88 d	8/14/19	8/14/19	2/7/20	2/7/20													





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ID	Unique ID	Responsibility	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
5621	26503	MSI	ESR	Phase 3	Order Processing - FNE	100%	10 d	3/4/21	3/4/21	3/17/21	3/17/21													
5622	26501	MSI	ESR	Phase 3	Manufacture FNE	100%	30 d	3/18/21	3/18/21	4/28/21	4/28/21													
5623	26505	MSI	ESR	Phase 3	FNE Staging	100%	20 d	8/13/21	8/13/21	9/10/21	9/10/21													
5624	26504	MSI	ESR	Phase 3	Ship and Receive FNE	100%	5 d	9/13/21	9/13/21	9/17/21	9/17/21													
5625	26502	MSI	ESR	Phase 3	Inventory and BOM - FNE	100%	5 d	9/13/21	9/13/21	9/17/21	9/17/21													
5626	37131	LARICS	ESR	Phase 3	Customer Delivery, Inventory and Acceptance - FNE	100%	0 d	9/17/21	9/17/21	9/17/21	9/17/21													
5627	26506		ESR	Phase 3	DC Plant Order Processing and Manufacturing	100%	140 d	3/4/21	3/4/21	9/17/21	9/17/21													
5628	26509	MSI	ESR	Phase 3	Order Processing - DC Plant	100%	10 d	3/4/21	3/4/21	3/17/21	3/17/21													
5629	26507	MSI	ESR	Phase 3	Manufacture DC Plant	100%	30 d	3/18/21	3/18/21	4/28/21	4/28/21													
5630	26510	MSI	ESR	Phase 3	Ship and Receive DC Plant	100%	10 d	8/27/21	8/27/21	9/10/21	9/10/21													
5631	26508	MSI	ESR	Phase 3	Inventory and BOM - DC Plant	100%	5 d	9/13/21	9/13/21	9/17/21	9/17/21													
5632	37133	LARICS	ESR	Phase 3	Customer Delivery, Inventory and Acceptance - DC Plant	100%	0 d	9/17/21	9/17/21	9/17/21	9/17/21													
5633	39820		ESR	Phase 3	NMDN Order Processing and Manufacturing	100%	90 d	4/29/20	4/29/20	9/3/20	9/3/20													
5634	39821	MSI	ESR	Phase 3	Order Processing - Antennas / Lines / Misc - NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20													
5635	39822	MSI	ESR	Phase 3	Manufacture Antennas, Lines, Misc - NMDN	100%	59 d	5/21/20	5/21/20	8/13/20	8/13/20													
5636	39823	MSI	ESR	Phase 3	Ship and Receive Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	10 d	8/14/20	8/14/20	8/27/20	8/27/20													
5637	39824	MSI	ESR	Phase 3	Inventory and BOM - Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	5 d	8/28/20	8/28/20	9/3/20	9/3/20													
5638	39825		ESR	Phase 3	NMDN FNE Order Processing and Manufacturing	100%	107 d	4/29/20	4/29/20	9/29/20	9/29/20													
5639	39826	MSI	ESR	Phase 3	Order Processing - FNE NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20													
5640	39827	MSI	ESR	Phase 3	Manufacture FNE NMDN	100%	53 d	5/21/20	5/21/20	8/5/20	8/5/20													
5641	39828	MSI	ESR	Phase 3	Ship and Receive FNE NMDN_RadioMobile Facility	100%	7 d	8/6/20	8/6/20	8/14/20	8/14/20													
5642	39829	MSI	ESR	Phase 3	FNE Staging and ATP - NMDN_RadioMobile Facility	100%	10 d	8/17/20	8/17/20	8/28/20	8/28/20													
5643	39830	MSI	ESR	Phase 3	Ship and Receive FNE NMDN_AirWave Warehouse	100%	1 d	9/1/20	9/1/20	9/1/20	9/1/20													
5644	39831	MSI	ESR	Phase 3	Inventory and BOM - FNE NMDN	100%	2 d	9/2/20	9/2/20	9/3/20	9/3/20													
5645	39832	LARICS	ESR	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	2 d	9/28/20	9/28/20	9/29/20	9/29/20													
5646	26494	MSI	ESR	Phase 3	Phase 3 Complete	100%	0 d	11/5/21	11/5/21	11/5/21	11/5/21													
5647	26516		ESR	Phase 4a	Phase 4a - Equipment Installation_ESR	100%	261 d	9/23/21	9/23/21	10/5/22	10/5/22													
5648	38936		ESR	Phase 4a	Power System - Phase 4a	100%	35 d	9/27/21	9/27/21	11/12/21	11/12/21													
5649	26528	MSI	ESR	Phase 4a	Cold Install DC Plant Equipment	100%	5 d	9/27/21	9/27/21	10/1/21	10/1/21													
5650	26531	MSI	ESR	Phase 4a	Battery System Installation	100%	12 d	10/25/21	10/25/21	11/9/21	11/9/21													
5651	26532	MSI	ESR	Phase 4a	DC wiring to equipment racks	100%	5 d	10/15/21	10/15/21	10/21/21	10/21/21													
5652	37417	PNS	ESR	Phase 4a	DC Power Activated	100%	1 d	11/12/21	11/12/21	11/12/21	11/12/21													
5653	38989		ESR	Phase 4a	Equipment Installation	100%	37 d	9/23/21	9/23/21	11/12/21	11/12/21													
5654	26529	MSI	ESR	Phase 4a	Install Mw IDU Equipment	100%	8 d	9/23/21	9/23/21	10/4/21	10/4/21													
5655	26530	MSI	ESR	Phase 4a	Install MSI FNE Equipment	100%	8 d	9/23/21	9/23/21	10/4/21	10/4/21													
5656	40110	MSI	ESR	Phase 4a	Install NMDN FNE Equipment	100%	8 d	9/23/21	9/23/21	10/4/21	10/4/21													
5657	43082	MSI	ESR	Phase 4a	Weather Delay	100%	1 d	10/5/21	10/5/21	10/5/21	10/5/21													
5658	43083	MSI	ESR	Phase 4a	Resume Cold Install	100%	2 d	10/6/21	10/6/21	10/7/21	10/7/21													
5659	43084	MSI	ESR	Phase 4a	Weather Delay	100%	1 d	10/8/21	10/8/21	10/8/21	10/8/21													
5660	43085	MSI	ESR	Phase 4a	Resume Cold Install	100%	4 d	10/11/21	10/11/21	10/14/21	10/14/21													
5661	43																							

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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
5686	42189	LARICS	ESR	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	8/22/22	8/22/22	8/23/22	8/23/22												
5687	39308	MSI/LARICS	ESR	Phase 4a	Customer Site Walk and Audit	100%	1 d	8/24/22	8/24/22	8/24/22	8/24/22												
5688	42333	MSI	ESR	Phase 4a	Address Customer Audit Comments & Resubmit to Authority (Paused due to f	100%	2 d	8/25/22	8/25/22	8/26/22	8/26/22												
5689	44330	MSI	ESR	Phase 4a	Punchlist Corrections on Hold due to Forest Fires	100%	8 d	8/29/22	8/29/22	9/8/22	9/8/22												
5690	44329	MSI	ESR	Phase 4a	Address Customer Audit Comments & Resubmit to Authority (Continued after	100%	1 d	9/9/22	9/9/22	9/9/22	9/9/22												
5691	44334	MSI	ESR	Phase 4a	Site Not Accessible due to Multiple Rock Slides	100%	13 d	9/9/22	9/9/22	9/27/22	9/27/22												
5692	44333	MSI	ESR	Phase 4a	Address Customer Audit Comments & Resubmit to Authority (Continued after	100%	6 d	9/28/22	9/28/22	10/5/22	10/5/22												
5693	37444	MSI	ESR	Phase 4a	Site Installation Complete _ph4a_ ESR	100%	0 d	10/5/22	10/5/22	10/5/22	10/5/22												
5694	39559	MSI	ESR	Phase 4a	ESR connected to DTVRS East 700_Prime RIH	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5695	39567	MSI	ESR	Phase 4a	ESR connected to DTVRS East UHF_Prime RIH	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5696	39418	MSI	ESR	Phase 4a	ESR connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5697	39465	MSI	ESR	Phase 4a	ESR connected to CNTYWD LLB (LARTCS Low Band)_Prime FCCF	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5698	39483	MSI	ESR	Phase 4a	ESR connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5699	39587	MSI	ESR	Phase 4a	ESR connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5700	39616	MSI	ESR	Phase 4a	ESR connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5701	39673	MSI	ESR	Phase 4a	ESR connected to LACoFD TRO 8_Prime PHN	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5702	39683	MSI	ESR	Phase 4a	ESR connected to Regional TRO 8_Prime CRN	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5703	40161	MSI	ESR	Phase 4a	ESR connected to NMDN-Phase 2_Prime FCCF	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5704	39419	MSI	ESR	Phase 4a	ESR connected to Core	100%	0 d	3/18/22	3/18/22	3/18/22	3/18/22												
5705	26679		FCCF	Phase 4a	Phase 4a - Equipment Installation_FCCF	100%	679 d	3/14/19	3/14/19	11/12/21	11/12/21												
5706	26684	MSI	FCCF	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	36 d	3/14/19	3/14/19	5/3/19	5/3/19												
5707	26683	MSI	FCCF	Phase 4a	Site Installation Internal Verification - FCCF	100%	4 d	5/20/19	5/20/19	5/24/19	5/24/19												
5708	40301	MSI	FCCF	Phase 4a	Site Optimization - FCCF	100%	10 d	5/4/20	5/4/20	5/15/20	5/15/20												
5709	41614	MSI	FCCF	Phase 4a	Punchlist resolution	100%	16 d	7/29/21	7/29/21	8/19/21	8/19/21												
5710	42190	MSI	FCCF	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	19 d	7/29/21	7/29/21	8/24/21	8/24/21												
5711	42191	MSI	FCCF	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	8/25/21	8/25/21	8/26/21	8/26/21												
5712	40304	MSI	FCCF	Phase 4a	Customer Site Walk and Audit	100%	1 d	8/27/21	8/27/21	8/27/21	8/27/21												
5713	42334	MSI	FCCF	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	54 d	8/30/21	8/30/21	11/12/21	11/12/21												
5714	26682	MSI	FCCF	Phase 4a	Site Installation Complete _ph4a_ FCCF	100%	0 d	11/12/21	11/12/21	11/12/21	11/12/21												
5715	39420	MSI	FCCF	Phase 4a	FCCF connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	4/14/21	4/14/21	4/14/21	4/14/21												
5716	39665	MSI	FCCF	Phase 4a	FCCF connected to Regional TRO 6_Prime BHS	100%	0 d	5/10/21	5/10/21	5/10/21	5/10/21												
5717	39319	MSI	FCCF	Phase 4a	FCCF connected to Core	100%	0 d	5/24/19	5/24/19	5/24/19	5/24/19												
5718	39835		FRP	Phase 3	Phase 3 - Supply LMR System Components_FRP	100%	253 d	10/1/19	10/1/19	9/29/20	9/29/20												
5719	39849	LARICS	FRP	Phase 3	LA-RICS issues NTP for NMDN	100%	1 d	10/1/19	10/1/19	10/1/19	10/1/19												
5720	39836		FRP	Phase 3	NMDN Order Processing and Manufacturing	100%	90 d	4/29/20	4/29/20	9/3/20	9/3/20												
5721	39837	MSI	FRP	Phase 3	Order Processing - Antennas / Lines / Misc - NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20												
5722	39838	MSI	FRP	Phase 3	Manufacture Antennas, Lines, Misc - NMDN	100%	59 d	5/21/20	5/21/20	8/13/20	8/13/20												
5723	39839	MSI	FRP	Phase 3	Ship and Receive Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	10 d	8/14/20	8/14/20	8/27/20	8/27/20												
5724	39840	MSI	FRP	Phase 3	Inventory and BOM - Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	5 d	8/28/20	8/28/20	9/3/20	9/3/20												
5725	39841		FRP	Phase 3	NMDN FNE Order Processing and Manufacturing	100%	107 d	4/29/20	4/29/20	9/29/20	9/29/20												
5726	39842	MSI	FRP	Phase 3	Order Processing - FNE NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20												
5727	39843	MSI	FRP	Phase 3	Manufacture FNE NMDN	100%	53 d	5/21/20	5/21/20	8/5/20	8/5/20												
5728	39844	MSI	FRP	Phase 3	Ship and Receive FNE NMDN_RadioMobile Facility	100%	7 d	8/6/20	8/6/20	8/14/20	8/14/20												
5729	39845	MSI	FRP	Phase 3	FNE Staging and ATP - NMDN_RadioMobile Facility	100%	10 d	8/17/20	8/17/20	8/28/20	8/28/20												
5730	39846	MSI	FRP	Phase 3	Ship and Receive FNE NMDN_AirWave Warehouse	100%	1 d	9/1/20	9/1/20	9/1/20	9/1/20												
5731	39847	MSI	FRP	Phase 3	Inventory and BOM - FNE NMDN	100%	2 d	9/2/20	9/2/20	9/3/20	9/3/20												
5732	39848	LARICS	FRP	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	2 d	9/28/20	9/28/20	9/29/20	9/29/20												
5733	26884		FRP	Phase 4a	Phase 4a - Equipment Installation_FRP	100%	81 d	8/17/21	8/17/21	12/10/21	12/10/21												
5735	38937		FRP	Phase 4a	Power System - Phase 4a	100%	43 d	8/17/21	8/17/21	10/15/21	10/15/21												
5736	26895	MSI	FRP	Phase 4a	Cold Install DC Plant Equipment	100%	4 d	8/17/21	8/17/21	8/20/21	8/20/21												
5737	26899	MSI	FRP	Phase 4a	DC wiring to equipment racks	100%	3 d	8/24/21	8/24/21	8/26/21	8/26/21												
5738	40570	MSI	FRP	Phase 4a	NMDN Wiring	100%	3 d	8/24/21															




















LA-RICS LMR IMS Monthly All Activities  
as of 08 November 2022

For information only. Not contractually binding until approved through the WAC process

ATTACHMENT B

ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
5884	40311	MSI	GRM	Phase 4a	Site Optimization - GRM	100%	18 d	5/31/22	5/31/22	6/23/22	6/23/22												
5885	41617	MSI	GRM	Phase 4a	Punchlist resolution	100%	15 d	6/30/22	6/30/22	7/21/22	7/21/22												
5886	42197	MSI	GRM	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	11 d	7/8/22	7/8/22	7/22/22	7/22/22												
5887	42196	LARICS	GRM	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	7/25/22	7/25/22	7/26/22	7/26/22												
5888	40312	MSI/LARICS	GRM	Phase 4a	Customer Site Walk and Audit	100%	1 d	7/27/22	7/27/22	7/27/22	7/27/22												
5889	42337	MSI	GRM	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	10 d	7/28/22	7/28/22	8/10/22	8/10/22												
5890	37526	MSI	GRM	Phase 4a	Site Installation Complete_ph4a_ GRM	100%	0 d	8/10/22	8/10/22	8/10/22	8/10/22												
5891	39570	MSI	GRM	Phase 4a	GRM connected to DTVRS West 700_Prime TOP	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5892	39576	MSI	GRM	Phase 4a	GRM connected to DTVRS West UHF_Prime TOP	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5893	39425	MSI	GRM	Phase 4a	GRM connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5894	39485	MSI	GRM	Phase 4a	GRM connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5895	39589	MSI	GRM	Phase 4a	GRM connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5896	39618	MSI	GRM	Phase 4a	GRM connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5897	39653	MSI	GRM	Phase 4a	GRM connected to LACoFD TRO 6_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5898	39666	MSI	GRM	Phase 4a	GRM connected to Regional TRO 6_Prime BHS	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5899	40163	MSI	GRM	Phase 4a	GRM connected to NMDN-Phase 1_Prime FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5900	39426	MSI	GRM	Phase 4a	GRM connected to Core	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22												
5901	39880		HPK	Phase 3	Phase 3 - Supply LMR System Components_HPK	100%	253 d	10/1/19	10/1/19	9/29/20	9/29/20												
5902	39879	LARICS	HPK	Phase 3	LA-RICS issues NTP for NMDN	100%	1 d	10/1/19	10/1/19	10/1/19	10/1/19												
5903	39881		HPK	Phase 3	NMDN Order Processing and Manufacturing	100%	90 d	4/29/20	4/29/20	9/3/20	9/3/20												
5904	39882	MSI	HPK	Phase 3	Order Processing - Antennas / Lines / Misc - NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20												
5905	39883	MSI	HPK	Phase 3	Manufacture Antennas, Lines, Misc - NMDN	100%	59 d	5/21/20	5/21/20	8/13/20	8/13/20												
5906	39884	MSI	HPK	Phase 3	Ship and Receive Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	10 d	8/14/20	8/14/20	8/27/20	8/27/20												
5907	39885	MSI	HPK	Phase 3	Inventory and BOM - Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	5 d	8/28/20	8/28/20	9/3/20	9/3/20												
5908	39886		HPK	Phase 3	NMDN FNE Order Processing and Manufacturing	100%	107 d	4/29/20	4/29/20	9/29/20	9/29/20												
5909	39887	MSI	HPK	Phase 3	Order Processing - FNE NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20												
5910	39888	MSI	HPK	Phase 3	Manufacture FNE NMDN	100%	53 d	5/21/20	5/21/20	8/5/20	8/5/20												
5911	39889	MSI	HPK	Phase 3	Ship and Receive FNE NMDN_RadioMobile Facility	100%	7 d	8/6/20	8/6/20	8/14/20	8/14/20												
5912	39890	MSI	HPK	Phase 3	FNE Staging and ATP - NMDN_RadioMobile Facility	100%	10 d	8/17/20	8/17/20	8/28/20	8/28/20												
5913	39891	MSI	HPK	Phase 3	Ship and Receive FNE NMDN_AirWave Warehouse	100%	1 d	9/1/20	9/1/20	9/1/20	9/1/20												
5914	39892	MSI	HPK	Phase 3	Inventory and BOM - FNE NMDN	100%	2 d	9/2/20	9/2/20	9/3/20	9/3/20												
5915	39893	LARICS	HPK	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	2 d	9/28/20	9/28/20	9/29/20	9/29/20												
5916	27486		HPK	Phase 4a	Phase 4a - Equipment Installation_HPK	100%	501 d	6/21/19	6/21/19	6/14/21	6/14/21												
5917	37528	MSI	HPK	Phase 4a	Portable generator for FNE Cabling	100%	16 d	6/21/19	6/21/19	7/15/19	7/15/19												
5918	37534	PNS	HPK	Phase 4a	DC Power Activated	100%	1 d	2/13/20	2/13/20	2/13/20	2/13/20												
5919	27493	MSI	HPK	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	1 d	7/16/19	7/16/19	7/16/19	7/16/19												
5920	38104	MSI	HPK	Phase 4a	Pause due to Rodent Infestation	100%	48 d	7/24/19	7/24/19	9/27/19	9/27/19												
5921	38105	MSI	HPK	Phase 4a	FNE Cabling and Low voltage SMMS wiring Restart after Rodent Infestation	100%	10 d	3/9/20	3/9/20	3/20/20	3/20/20												
5922	40118	MSI	HPK	Phase 4a	Install NMDN FNE Equipment	100%	5 d	10/26/20	10/26/20	10/30/20	10/30/20												
5923	40119	MSI	HPK	Phase 4a	Install Antenna and Lines NMDN	100%	4 d	10/27/20	10/27/20	10/30/20	10/30/20												
5924	40120	MSI	HPK	Phase 4a	FNE Cabling_NMDN	100%	5 d	10/26/20	10/26/20	10/30/20	10/30/20												
5925	27491	MSI	HPK	Phase 4a	Site Installation Internal Verification - HPK	100%	2 d	6/10/20	6/10/20	6/11/20	6/11/20												
5926	40315	MSI	HPK	Phase 4a	Site Optimization - HPK	100%	9 d	6/22/20	6/22/20	7/2/20	7/2/20												
5927	41618	MSI	HPK	Phase 4a	Punchlist resolution	100%	10 d	1/19/21	1/19/21	2/1/21	2/1/21												
5928	42274	MSI	HPK	Phase 4a	Punchlist resolution Resumes	100%	32 d	3/15/21	3/15/21	4/27/21	4/27/21												
5929	42199	MSI	HPK	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	29 d	3/22/21	3/22/21	4/29/21	4/29/21												
5930	42198	LARICS	HPK	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	5/3/21	5/3/21	5/4/21	5/4/21												
5931	40316	MSI/LARICS	HPK	Phase 4a	Customer Site Walk and Audit	100%	1 d	5/14/21	5/14/21	5/14/21	5/14/21												
5932	42338	MSI	HPK	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	10 d	5/17/21	5/17/21	5/28/21	5/28/21												
5933	27489	MSI	HPK	Phase 4a	Site Installation Complete_ph4a_ HPK	100%	0 d	6/14/21	6/14/21	6/14/21	6/14/21												
5934	39427	MSI	HPK	Phase 4a	HPK connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	9/25/20	9/25/20	9/25/20	9/25/20												
5935	39486	MSI	HPK	Phase 4a	HPK connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	4/14/21	4/14/21	4/14/21	4/14/21												
5936	39590	MSI	HPK	Phase 4a	HPK connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	4/14/21	4/14/21	4/14/21	4/14/21												
5937	39619	MSI	HPK	Phase 4a	HPK connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	4/14/21	4/14/21	4/14/21	4/14/21												
5938	39701	MSI	HPK	Phase 4a	HPK connected to LACoFD TRO 9_Prime MLM	100%	0 d	9/25/20	9/25/20	9/25/20	9/25/20												
5939	40164	MSI	HPK	Phase 4a	HPK connected to NMDN-Phase 1_Prime FCCF	100%	0 d	4/14/21	4/14/21	4/14/21	4/14/21												
5940	39345	MSI	HPK	Phase 4a	HPK connected to Core	100%	0 d	4/6/21	4/6/21	4/6/21	4/6/21												
5941	27735		INDWT	Phase 4a	Phase 4a - Equipment Installation_INDWT	100%	641 d	6/19/19	6/19/19	12/30/21	12/30/21												
5942	37570	PNS	INDWT	Phase 2	Portable generator for FNE Cabling	100%	1 d	1/10/20	1/10/20	1/10/20	1/10/20												
5943	38939		INDWT	Phase 4a	Power System - Phase 4a	100%	459 d	6/19/19	6/19/19	4/12/21	4/12/21												
5944	27746	MSI	INDWT	Phase 4a	Cold Install DC Plant Equipment	100%	1 d	6/19/19	6/19/19	6/19/19	6/19/19												
5945	27749	MSI	INDWT	Phase 4a	Battery System Installation	100%	30 d	6/21/19	6/21/19	8/5/19	8/5/19												
5946	27750	MSI	INDWT	Phase 4a	DC wiring to equipment racks	100%	13 d	7/25/19	7/25/19	8/12/19	8/12/19												
5947	37573	PNS	INDWT	Phase 4a	DC Power Activated	100%	1 d	4/12/21	4/12/21	4/12/21	4/12/21												

LA-RICS LMR IMS Monthly All Activities as of 08 November 2022												ATTACHMENT B											
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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
5948	38993		INDWT	Phase 4a	Equipment Installation	100%	32.88 d	6/19/19	6/19/19	8/5/19	8/5/19	12/30/21											
5949	27747	MSI	INDWT	Phase 4a	Install Mw IDU Equipment	100%	1 d	6/19/19	6/19/19	6/19/19	6/19/19												
5950	27748	MSI	INDWT	Phase 4a	Install MSI FNE Equipment	100%	1 d	6/19/19	6/19/19	6/19/19	6/19/19												
5951	27745	MSI	INDWT	Phase 4a	Site Equipment Installation Complete	100%	0 d	8/5/19	8/5/19	8/5/19	8/5/19												
5952	39025		INDWT	Phase 4a	FNE and Mw Antenna Installation	100%	11 d	9/20/19	9/20/19	10/4/19	10/4/19												
5953	27753	MSI	INDWT	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	6 d	9/20/19	9/20/19	9/27/19	9/27/19												
5954	27754	MSI	INDWT	Phase 4a	Install Mw OD including Antenna and Lines	100%	2 d	10/3/19	10/3/19	10/4/19	10/4/19												
5955	27752	MSI	INDWT	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	10/4/19	10/4/19	10/4/19	10/4/19												
5956	37574	MSI	INDWT	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	6 d	1/17/20	1/17/20	1/27/20	1/27/20												
5957	39328	MSI	INDWT	Phase 4a	Low voltage SMMS wiring	100%	5 d	5/11/20	5/11/20	5/15/20	5/15/20												
5958	37575	MSI	INDWT	Phase 4a	Site Installation Internal Verification - INDWT	100%	2 d	4/27/21	4/27/21	4/28/21	4/28/21												
5959	40319	MSI	INDWT	Phase 4a	Site Optimization - INDWT	100%	8 d	5/17/21	5/17/21	5/26/21	5/26/21												
5960	41619	MSI	INDWT	Phase 4a	Punchlist resolution	100%	31 d	6/3/21	6/3/21	7/15/21	7/15/21												
5961	42201	MSI	INDWT	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	26 d	6/14/21	6/14/21	7/19/21	7/19/21												
5962	42200	LARICS	INDWT	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	3 d	7/20/21	7/20/21	7/22/21	7/22/21												
5963	40320	MSI/LARICS	INDWT	Phase 4a	Customer Site Walk and Audit	100%	1 d	8/13/21	8/13/21	8/13/21	8/13/21												
5964	42339	MSI	INDWT	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	39 d	8/16/21	8/16/21	10/8/21	10/8/21												
5965	43510	MSI	INDWT	Phase 4a	Address Customer Audit Comments - Rev 2	100%	30 d	11/15/21	11/15/21	12/30/21	12/30/21												
5966	37578	MSI	INDWT	Phase 4a	Site Installation Complete _ph4a_ INDWT	100%	0 d	12/30/21	12/30/21	12/30/21	12/30/21												
5967	39557	MSI	INDWT	Phase 4a	INDWT connected to DTVRS East 700_Prime RIH	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21												
5968	39675	MSI	INDWT	Phase 4a	INDWT connected to LACoFD TRO 8_Prime PHN	100%	0 d	4/28/21	4/28/21	4/28/21	4/28/21												
5969	39685	MSI	INDWT	Phase 4a	INDWT connected to Regional TRO 8_Prime CRN	100%	0 d	4/28/21	4/28/21	4/28/21	4/28/21												
5970	39558	MSI	INDWT	Phase 4a	INDWT connected to Core	100%	0 d	4/28/21	4/28/21	4/28/21	4/28/21												
5971	39909		JPK2	Phase 3	Phase 3 - Supply LMR System Components_JPK2	100%	253 d	10/1/19	10/1/19	9/29/20	9/29/20												
5972	39910	LARICS	JPK2	Phase 3	LA-RICS issues NTP for NMDN	100%	1 d	10/1/19	10/1/19	10/1/19	10/1/19												
5973	39911		JPK2	Phase 3	NMDN Order Processing and Manufacturing	100%	90 d	4/29/20	4/29/20	9/3/20	9/3/20												
5974	39912	MSI	JPK2	Phase 3	Order Processing - Antennas / Lines / Misc - NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20												
5975	39913	MSI	JPK2	Phase 3	Manufacture Antennas, Lines, Misc - NMDN	100%	59 d	5/21/20	5/21/20	8/13/20	8/13/20												
5976	39914	MSI	JPK2	Phase 3	Ship and Receive Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	10 d	8/14/20	8/14/20	8/27/20	8/27/20												
5977	39915	MSI	JPK2	Phase 3	Inventory and BOM - Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	5 d	8/28/20	8/28/20	9/3/20	9/3/20												
5978	39916		JPK2	Phase 3	NMDN FNE Order Processing and Manufacturing	100%	107 d	4/29/20	4/29/20	9/29/20	9/29/20												
5979	39917	MSI	JPK2	Phase 3	Order Processing - FNE NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20												
5980	39918	MSI	JPK2	Phase 3	Manufacture FNE NMDN	100%	63 d	5/21/20	5/21/20	8/19/20	8/19/20												
5981	39919	MSI	JPK2	Phase 3	Ship and Receive FNE NMDN_RadioMobile Facility	100%	6 d	8/20/20	8/20/20	8/27/20	8/27/20												
5982	39920	MSI	JPK2	Phase 3	FNE Staging and ATP - NMDN_RadioMobile Facility	100%	5 d	8/28/20	8/28/20	9/3/20	9/3/20												
5983	39921	MSI	JPK2	Phase 3	Ship and Receive FNE NMDN_AirWave Warehouse	100%	1 d	9/4/20	9/4/20	9/4/20	9/4/20												
5984	39922	MSI	JPK2	Phase 3	Inventory and BOM - FNE NMDN	100%	1 d	9/8/20	9/8/20	9/8/20	9/8/20												
5985	39923	LARICS	JPK2	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	2 d	9/28/20	9/28/20	9/29/20	9/29/20												
5986	27942		JPK2	Phase 4a	Phase 4a - Equipment Installation_JPK2	100%	224 d	10/19/20	10/19/20	9/3/21	9/3/21												
5988	38940		JPK2	Phase 4a	Power System - Phase 4a	100%	114 d	10/19/20	10/19/20	4/1/21	4/1/21												
5989	27953	MSI	JPK2	Phase 4a	Cold Install DC Plant Equipment	100%	4 d	10/19/20	10/19/20	10/22/20	10/22/20												
5990	27956	MSI	JPK2	Phase 4a	Battery System Installation	100%	5 d	1/15/21	1/15/21	1/22/21	1/22/21												
5991	27957	MSI	JPK2	Phase 4a	DC wiring to equipment racks	100%	5 d	1/20/21	1/20/21	1/26/21	1/26/21												
5992	41990	MSI	JPK2	Phase 4a	Battery System Installation	100%	5 d	1/20/21	1/20/21	1/26/21	1/26/21												
5993	40179	MSI	JPK2	Phase 4a	NMDN DC wiring to equipment racks	100%	5 d	1/20/21	1/20/21	1/26/21	1/26/21												
5994	42006	PNS	JPK2	Phase 4a	Finalize Battery System Wiring	100%	2 d	2/15/21	2/15/21	2/16/21	2/16/21												
5995	27948	PNS	JPK2	Phase 4a	DC Power Activated	100%	1 d	4/1/21	4/1/21	4/1/21	4/1/21												
5996	38994		JPK2	Phase 4a	Equipment Installation	100%	65 d	10/19/20	10/19/20	1/22/21	1/22/21												
5997	27954	MSI	JPK2	Phase 4a	Install Mw IDU Equipment	100%	17 d	10/19/20	10/19/20	11/10/20	11/10/20												
5998	27955	MSI	JPK2	Phase 4a	Install MSI FNE Equipment	100%	17 d	10/19/20	10/19/20	11/10/20	11/10/20												
5999	40121	MSI	JPK2	Phase 4a	Install NMDN FNE Equipment	100%	17 d	10/19/20	10/19/20	11/10/20	11/10/20												
6000	27952	MSI	JPK2	Phase 4a	Site Equipment Installation Complete	100%	0 d	1/22/21	1/22/21	1/22/21	1/22/21												
6001	39026		JPK2	Phase 4a	FNE and Mw Antenna Installation	100%	31 d	10/19/20	10/19/20	12/1/20	12/1/20												
6002	27960	MSI	JPK2	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	26 d	10/26/20	10/26/20	12/													

LA-RICS LMR IMS Monthly All Activities as of 08 November 2022												Data Date: 11/8/22																							
ATTACHMENT B																																			
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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024															
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
6013	42202	LARICS	JPK2	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	8/11/21	8/11/21	8/12/21	8/12/21																								
6014	40324	MSI/LARICS	JPK2	Phase 4a	Customer Site Walk and Audit	100%	1 d	8/13/21	8/13/21	8/13/21	8/13/21																								
6015	42340	MSI	JPK2	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	15 d	8/16/21	8/16/21	9/3/21	9/3/21																								
6016	37595	MSI	JPK2	Phase 4a	Site Installation Complete _ph4a_ JPK2	100%	0 d	9/3/21	9/3/21	9/3/21	9/3/21																								
6017	39409	MSI	JPK2	Phase 4a	JPK2 connected to DTVRS ASR JPK2 700_Prime JPK2	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6018	39408	MSI	JPK2	Phase 4a	JPK2 connected to DTVRS ASR JPK2 UHF_Prime JPK2	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6019	39428	MSI	JPK2	Phase 4a	JPK2 connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	5/12/21	5/12/21	5/12/21	5/12/21																								
6020	39487	MSI	JPK2	Phase 4a	JPK2 connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6021	39591	MSI	JPK2	Phase 4a	JPK2 connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6022	39620	MSI	JPK2	Phase 4a	JPK2 connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6023	39676	MSI	JPK2	Phase 4a	JPK2 connected to LACoFD TRO 8_Prime PHN	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6024	39686	MSI	JPK2	Phase 4a	JPK2 connected to Regional TRO 8_Prime CRN	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6025	40165	MSI	JPK2	Phase 4a	JPK2 connected to NMDN-Phase 1_Prime FCCF	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6026	39407	MSI	JPK2	Phase 4a	JPK2 connected to Core	100%	0 d	5/11/21	5/11/21	5/11/21	5/11/21																								
6027	<b>39924</b>			<b>LACF07Phase 3</b>	<b>Phase 3 - Supply LMR System Components_LACF072</b>	<b>100%</b>	<b>253 d</b>	<b>10/1/19</b>	<b>10/1/19</b>	<b>9/29/20</b>	<b>9/29/20</b>																								
6028	39925	LARICS	LACF07	Phase 3	LA-RICS issues NTP for NMDN	100%	1 d	10/1/19	10/1/19	10/1/19	10/1/19																								
6029	<b>39926</b>			<b>LACF07Phase 3</b>	<b>NMDN Order Processing and Manufacturing</b>	<b>100%</b>	<b>90 d</b>	<b>4/29/20</b>	<b>4/29/20</b>	<b>9/3/20</b>	<b>9/3/20</b>																								
6030	39927	MSI	LACF07	Phase 3	Order Processing - Antennas / Lines / Misc - NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20																								
6031	39928	MSI	LACF07	Phase 3	Manufacture Antennas, Lines, Misc - NMDN	100%	59 d	5/21/20	5/21/20	8/13/20	8/13/20																								
6032	39929	MSI	LACF07	Phase 3	Ship and Receive Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	10 d	8/14/20	8/14/20	8/27/20	8/27/20																								
6033	39930	MSI	LACF07	Phase 3	Inventory and BOM - Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	5 d	8/28/20	8/28/20	9/3/20	9/3/20																								
6034	<b>39931</b>			<b>LACF07Phase 3</b>	<b>NMDN FNE Order Processing and Manufacturing</b>	<b>100%</b>	<b>107 d</b>	<b>4/29/20</b>	<b>4/29/20</b>	<b>9/29/20</b>	<b>9/29/20</b>																								
6035	39932	MSI	LACF07	Phase 3	Order Processing - FNE NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20																								
6036	39933	MSI	LACF07	Phase 3	Manufacture FNE NMDN	100%	63 d	5/21/20	5/21/20	8/19/20	8/19/20																								
6037	39934	MSI	LACF07	Phase 3	Ship and Receive FNE NMDN_RadioMobile Facility	100%	6 d	8/20/20	8/20/20	8/27/20	8/27/20																								
6038	39935	MSI	LACF07	Phase 3	FNE Staging and ATP - NMDN_RadioMobile Facility	100%	5 d	8/28/20	8/28/20	9/3/20	9/3/20																								
6039	39936	MSI	LACF07	Phase 3	Ship and Receive FNE NMDN_AirWave Warehouse	100%	1 d	9/4/20	9/4/20	9/4/20	9/4/20																								
6040	39937	MSI	LACF07	Phase 3	Inventory and BOM - FNE NMDN	100%	1 d	9/8/20	9/8/20	9/8/20	9/8/20																								
6041	39938	LARICS	LACF07	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	2 d	9/28/20	9/28/20	9/29/20	9/29/20																								
6042	<b>28191</b>			<b>LACF07Phase 4a</b>	<b>Phase 4a - Equipment Installation_LACF072</b>	<b>100%</b>	<b>103 d</b>	<b>1/10/22</b>	<b>1/10/22</b>	<b>6/3/22</b>	<b>6/3/22</b>																								
6044	<b>38941</b>			<b>LACF07Phase 4a</b>	<b>Power System - Phase 4a</b>	<b>100%</b>	<b>13 d</b>	<b>1/12/22</b>	<b>1/12/22</b>	<b>1/31/22</b>	<b>1/31/22</b>																								
6045	28202	MSI	LACF07	Phase 4a	Cold Install DC Plant Equipment	100%	1 d	1/12/22	1/12/22	1/12/22	1/12/22																								
6046	28205	MSI	LACF07	Phase 4a	Battery System Installation	100%	2 d	1/13/22	1/13/22	1/14/22	1/14/22																								
6047	38942	MSI	LACF07	Phase 4a	DC wiring to equipment racks	100%	2 d	1/18/22	1/18/22	1/19/22	1/19/22																								
6048	38943	PNS	LACF07	Phase 4a	DC Power Activated	100%	1 d	1/31/22	1/31/22	1/31/22	1/31/22																								
6049	<b>38995</b>			<b>LACF07Phase 4a</b>	<b>Equipment Installation</b>	<b>100%</b>	<b>17 d</b>	<b>1/10/22</b>	<b>1/10/22</b>	<b>2/2/22</b>	<b>2/2/22</b>																								
6050	28203	MSI	LACF07	Phase 4a	Install Mw IDU Equipment	100%	2 d	1/10/22	1/10/22	1/11/22	1/11/22																								
6051	28204	MSI	LACF07	Phase 4a	Install MSI FNE Equipment	100%	2 d	1/10/22	1/10/22	1/11/22	1/11/22																								
6052	40123	MSI	LACF07	Phase 4a	Install NMDN FNE Equipment	100%	2 d	1/10/22	1/10/22	1/11/22	1/11/22																								
6053	43581	MSI	LACF07	Phase 4a	Delay due to one trade in shelter - COVID risk	100%	7 d	1/12/22	1/12/22	1/21/22	1/21/22																								
6054	43582	MSI	LACF07	Phase 4a	Resume Install Mw IDU Equipment	100%	8 d	1/24/22	1/24/22	2/2/22	2/2/22																								
6055	43583	MSI	LACF07	Phase 4a	Resume Install MSI FNE Equipment	100%	8 d	1/24/22	1/24/22	2/2/22	2/2/22																								
6056	43584	MSI	LACF07	Phase 4a	Resume Install NMDN FNE Equipment	100%	8 d	1/24/22	1/24/22	2/2/22	2/2/22																								
6057	<b>39027</b>			<b>LACF07Phase 4a</b>																															



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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
6145	39953	LARICS	MDI	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	2 d	9/28/20	9/28/20	9/29/20	9/29/20													
6146	29188		MDI	Phase 4a	Phase 4a - Equipment Installation_MDI	100%	311 d	4/7/21	4/7/21	6/28/22	6/28/22													
6148	38948		MDI	Phase 4a	Power System - Phase 4a	100%	203 d	6/10/21	6/10/21	3/30/22	3/30/22													
6149	29199	MSI	MDI	Phase 4a	Cold Install DC Plant Equipment	100%	7 d	6/10/21	6/10/21	6/18/21	6/18/21													
6150	29202	MSI	MDI	Phase 4a	Battery System Installation	100%	4 d	7/1/21	7/1/21	7/6/21	7/6/21													
6151	40869	MSI	MDI	Phase 4a	NMDN DC Wiring Activity	100%	12 d	7/2/21	7/2/21	7/19/21	7/19/21													
6152	29203	PNS	MDI	Phase 4a	DC wiring to equipment racks	100%	16 d	7/2/21	7/2/21	7/23/21	7/23/21													
6153	37619	PNS	MDI	Phase 4a	DC Power Activated	100%	1 d	3/30/22	3/30/22	3/30/22	3/30/22													
6154	38997		MDI	Phase 4a	Equipment Installation	100%	57 d	4/7/21	4/7/21	6/25/21	6/25/21													
6155	38949	MSI	MDI	Phase 4a	Install Mw IDU Equipment	100%	3 d	4/7/21	4/7/21	4/9/21	4/9/21													
6156	38950	MSI	MDI	Phase 4a	Install MSI FNE Equipment	100%	3 d	4/7/21	4/7/21	4/9/21	4/9/21													
6157	40125	MSI	MDI	Phase 4a	Install MSI NMDN Equipment	100%	3 d	4/7/21	4/7/21	4/9/21	4/9/21													
6158	42569	MSI	MDI	Phase 4a	Equipment Install delay due to Weather delay, Civil work, Dirt Removal	100%	25 d	4/12/21	4/12/21	5/14/21	5/14/21													
6159	42571	MSI	MDI	Phase 4a	Resume Install Mw IDU Equipment	100%	29 d	5/17/21	5/17/21	6/25/21	6/25/21													
6160	42572	MSI	MDI	Phase 4a	Resume Install MSI FNE Equipment	100%	29 d	5/17/21	5/17/21	6/25/21	6/25/21													
6161	42573	MSI	MDI	Phase 4a	Resume Install MSI NMDN Equipment	100%	29 d	5/17/21	5/17/21	6/25/21	6/25/21													
6162	29198	MSI	MDI	Phase 4a	Site Equipment Installation Complete	100%	0 d	6/25/21	6/25/21	6/25/21	6/25/21													
6163	39029		MDI	Phase 4a	FNE and Mw Antenna Installation	100%	39 d	5/3/21	5/3/21	6/25/21	6/25/21													
6164	29206	MSI	MDI	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	39 d	5/3/21	5/3/21	6/25/21	6/25/21													
6165	29207	MSI	MDI	Phase 4a	Install Mw OD including Antenna and Lines	100%	3 d	5/10/21	5/10/21	5/12/21	5/12/21													
6166	40126	MSI	MDI	Phase 4a	Install Antenna and Lines NMDN	100%	37 d	5/3/21	5/3/21	6/23/21	6/23/21													
6167	29205	MSI	MDI	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	6/25/21	6/25/21	6/25/21	6/25/21													
6168	38517	MSI	MDI	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	57 d	4/7/21	4/7/21	6/25/21	6/25/21													
6169	38518	MSI	MDI	Phase 4a	Site Installation Internal Verification - MDI	100%	2 d	4/5/22	4/5/22	4/6/22	4/6/22													
6170	40335	MSI	MDI	Phase 4a	Site Optimization - MDI	100%	9 d	4/12/22	4/12/22	4/22/22	4/22/22													
6171	41623	MSI	MDI	Phase 4a	Punchlist resolution	100%	25 d	5/5/22	5/5/22	6/9/22	6/9/22													
6172	42209	MSI	MDI	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	24 d	5/10/22	5/10/22	6/13/22	6/13/22													
6173	42208	LARICS	MDI	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	1 d	6/14/22	6/14/22	6/14/22	6/14/22													
6174	40336	MSI/LARICS	MDI	Phase 4a	Customer Site Walk and Audit	100%	1 d	6/15/22	6/15/22	6/15/22	6/15/22													
6175	42342	MSI	MDI	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	9 d	6/16/22	6/16/22	6/28/22	6/28/22													
6176	38520	MSI	MDI	Phase 4a	Site Installation Complete _ph4a_ MDI	100%	0 d	6/28/22	6/28/22	6/28/22	6/28/22													
6177	39431	MSI	MDI	Phase 4a	MDI connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
6178	39467	MSI	MDI	Phase 4a	MDI connected to CNTYWD LLB (LARTCS Low Band)_Prime FCCF	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
6179	39489	MSI	MDI	Phase 4a	MDI connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
6180	39593	MSI	MDI	Phase 4a	MDI connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
6181	39539	MSI	MDI	Phase 4a	MDI connected to DTVRS San Gabriel 700_Prime CRN	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
6182	39547	MSI	MDI	Phase 4a	MDI connected to LTVRS San Gabriel UHF_Prime CRN	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
6183	39621	MSI	MDI	Phase 4a	MDI connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
6184	39677	MSI	MDI	Phase 4a	MDI connected to LACoFD TRO 8_Prime PHN	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22													
618																								

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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
6211	42210	MSI	MIR	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	36 d	4/12/21	4/12/21	6/1/21	6/1/21	12/21/21												
6212	42211	LARICS	MIR	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	6/2/21	6/2/21	6/3/21	6/3/21													
6213	40342	MSI/LARICS	MIR	Phase 4a	Customer Site Walk and Audit	100%	1 d	6/4/21	6/4/21	6/4/21	6/4/21													
6214	42343	MSI	MIR	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	10 d	6/7/21	6/7/21	6/18/21	6/18/21													
6215	37681	MSI	MIR	Phase 4a	Site Installation Complete _ph4a_ MIR	100%	0 d	6/18/21	6/18/21	6/18/21	6/18/21													
6216	39540	MSI	MIR	Phase 4a	MIR connected to DTVRS San Gabriel 700_Prime CRN	100%																		







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ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
6471	40003	MSI	ONK	Phase 3	Ship and Receive Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	10 d	8/14/20	8/14/20	8/27/20	8/27/20	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	
6472	40004	MSI	ONK	Phase 3	Inventory and BOM - Antennas, Lines, Misc - NMDN_Airwave Warehouse	100%	2 d	9/2/20	9/2/20	9/3/20	9/3/20												
6473	40005		ONK	Phase 3	NMDN FNE Order Processing and Manufacturing	100%	106 d	4/29/20	4/29/20	9/28/20	9/28/20												
6474	40006	MSI	ONK	Phase 3	Order Processing - FNE NMDN	100%	16 d	4/29/20	4/29/20	5/20/20	5/20/20												
6475	40007	MSI	ONK	Phase 3	Manufacture FNE NMDN	100%	73 d	5/21/20	5/21/20	9/2/20	9/2/20												
6476	40008	MSI	ONK	Phase 3	Ship and Receive FNE NMDN_RadioMobile Facility	100%	5 d	9/3/20	9/3/20	9/10/20	9/10/20												
6477	40009	MSI	ONK	Phase 3	FNE Staging and ATP - NMDN_RadioMobile Facility	100%	3 d	9/11/20	9/11/20	9/15/20	9/15/20												
6478	40010	MSI	ONK	Phase 3	Ship and Receive FNE NMDN_AirWave Warehouse	100%	1 d	9/22/20	9/22/20	9/22/20	9/22/20												
6479	40011	MSI	ONK	Phase 3	Inventory and BOM - FNE NMDN	100%	1 d	9/23/20	9/23/20	9/23/20	9/23/20												
6480	40012	LARICS	ONK	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	1 d	9/28/20	9/28/20	9/28/20	9/28/20												
6481	30794		ONK	Phase 4a	Phase 4a - Equipment Installation_ONK	100%	588 d	10/16/19	10/16/19	2/15/22	2/15/22												
6482	38062	MSI	ONK	Phase 4a	Portable generator for FNE Cabling	100%	2 d	2/28/20	2/28/20	3/2/20	3/2/20												
6483	30809	MSI	ONK	Phase 4a	DC wiring to equipment racks	100%	10 d	10/16/19	10/16/19	10/29/19	10/29/19												
6484	30800	PNS	ONK	Phase 4a	DC Power Activated	100%	1 d	6/12/20	6/12/20	6/12/20	6/12/20												
6485	40134	MSI	ONK	Phase 4a	Install NMDN FNE Equipment	100%	5 d	10/8/20	10/8/20	10/14/20	10/14/20												
6486	40135	MSI	ONK	Phase 4a	Install Antenna and Lines NMDN	100%	4 d	10/9/20	10/9/20	10/14/20	10/14/20												
6487	30801	MSI	ONK	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	15 d	3/23/20	3/23/20	4/10/20	4/10/20												
6488	30799	MSI	ONK	Phase 4a	Site Installation Internal Verification - ONK	100%	2 d	7/15/20	7/15/20	7/16/20	7/16/20												
6489	40369	MSI	ONK	Phase 4a	Site Optimization - ONK	100%	49 d	1/4/21	1/4/21	3/12/21	3/12/21												
6490	41631	MSI	ONK	Phase 4a	Punchlist resolution	100%	5 d	2/10/21	2/10/21	2/16/21	2/16/21												
6491	42281	MSI	ONK	Phase 4a	Punchlist resolution resumes	100%	52 d	4/5/21	4/5/21	6/16/21	6/16/21												
6492	42225	MSI	ONK	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	51 d	4/19/21	4/19/21	6/29/21	6/29/21												
6493	42224	LARICS	ONK	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	6/30/21	6/30/21	7/1/21	7/1/21												
6494	40370	MSI/LARICS	ONK	Phase 4a	Customer Site Walk and Audit	100%	1 d	7/2/21	7/2/21	7/2/21	7/2/21												
6495	42349	MSI	ONK	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	43																

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ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
6535	39554	MSI	PHN	Phase 4a	PHN connected to DTVRS East 700_Prime RIH	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21													
6536	39565	MSI	PHN	Phase 4a	PHN connected to DTVRS East UHF_Prime RIH	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21													
6537	39440	MSI	PHN	Phase 4a	PHN connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	4/30/21	4/30/21	4/30/21	4/30/21													
6538	39494	MSI	PHN	Phase 4a	PHN connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	4/26/21	4/26/21	4/26/21	4/26/21													
6539	39598	MSI	PHN	Phase 4a	PHN connected to CNTYWD L8 (LARTCS 800)_Prime FCCF	100%	0 d	4/26/21	4/26/21	4/26/21	4/26/21													
6540	39626	MSI	PHN	Phase 4a	PHN connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	4/26/21	4/26/21	4/26/21	4/26/21													
6541	39641	MSI	PHN	Phase 4a	PHN connected to LACoFD TRO 5_Prime RHT	100%	0 d	6/7/21	6/7/21	6/7/21	6/7/21													
6542	39689	MSI	PHN	Phase 4a	PHN connected to Regional TRO 8_Prime CRN	100%	0 d	4/26/21	4/26/21	4/26/21	4/26/21													
6543	41282	MSI	PHN	Phase 4a	PHN connected to NMDN-Phase 2_Prime FCCF	100%	0 d	4/26/21	4/26/21	4/26/21	4/26/21													
6544	39441	MSI	PHN	Phase 4a	PHN connected to Core	100%	0 d	4/26/21	4/26/21	4/26/21	4/26/21													
6545	31089		PLM	Phase 4a	Phase 4a - Equipment Installation_PLM	100%	528 d	5/28/19	5/28/19	6/25/21	6/25/21													
6546	31096	MSI	PLM	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	2 d	5/28/19	5/28/19	5/29/19	5/29/19													
6547	31094	MSI	PLM	Phase 4a	Site Installation Internal Verification - PLM	100%	1 d	5/30/19	5/30/19	5/30/19	5/30/19													
6548	40377	MSI	PLM	Phase 4a	Site Optimization - PLM	100%	3 d	6/30/20	6/30/20	7/2/20	7/2/20													
6549	41633	MSI	PLM	Phase 4a	Punchlist resolution	100%	1 d	2/12/21	2/12/21	2/12/21	2/12/21													
6550	42351	MSI	PLM	Phase 4a	Punchlist resolution restart	100%	36 d	4/12/21	4/12/21	6/1/21	6/1/21													
6551	42229	MSI	PLM	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	31 d	4/26/21	4/26/21	6/8/21	6/8/21													
6552	42228	LARICS	PLM	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	6/9/21	6/9/21	6/10/21	6/10/21													
6553	40378	MSI/LARICS	PLM	Phase 4a	Customer Site Walk and Audit	100%	1 d	6/11/21	6/11/21	6/11/21	6/11/21													
6554	42352	MSI	PLM	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	10 d	6/14/21	6/14/21	6/25/21	6/25/21													
6555	31092	MSI	PLM	Phase 4a	Site Installation Complete_ph4a_PLM	100%	0 d	6/25/21	6/25/21	6/25/21	6/25/21													
6556	39534	MSI	PLM	Phase 4a	PLM connected to DTVRS North Desert 700_Prime MLM	100%	0 d	8/6/20	8/6/20	8/6/20	8/6/20													
6558	31264		PMT	Phase 3	Phase 3 - Supply LMR System Components_PMT	100%	50 d	1/3/20	1/3/20	3/13/20	3/13/20													
6559	31266		PMT	Phase 3	Order Processing and Manufacturing	100%	50 d	1/3/20	1/3/20	3/13/20	3/13/20													
6560	31269	MSI	PMT	Phase 3	Order Processing - Antennas / Lines / Misc	100%	11 d	1/3/20	1/3/20	1/17/20	1/17/20													
6561	31267	MSI	PMT	Phase 3	Manufacture Antennas, Lines, Misc	100%	30 d	1/21/20	1/21/20	3/2/20	3/2/20													
6562	31270	MSI	PMT	Phase 3	Ship and Receive Antennas, Lines, Misc	100%	4 d	3/3/20	3/3/20	3/6/20	3/6/20													
6563	31268	MSI	PMT	Phase 3	Inventory and BOM - Antennas, Lines, MISC	100%	5 d	3/9/20	3/9/20	3/13/20	3/13/20													
6564	37143	LARICS	PMT	Phase 3	Customer Delivery, Inventory and Acceptance - Antennas,Lines,Misc	100%	0 d	3/6/20	3/6/20	3/6/20	3/6/20													
6565	31271		PMT	Phase 3	FNE Order Processing and Manufacturing	100%	50 d	1/3/20	1/3/20	3/13/20	3/13/20													
6566	31274	MSI	PMT	Phase 3	Order																			

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ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024													
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4										
6600	39445	MSI	PMT	Phase 4a	PMT connected to Core	100%	0 d	4/15/22	4/15/22	4/15/22	4/15/22																						
6601	31454		POM	Phase 4a	Phase 4a - Equipment Installation_POM	100%	692 d	5/13/19	5/13/19	2/7/22	2/7/22																						
6602	39691		POM	Phase 4a	Power System - Phase 4a	100%	192 d	5/13/19	5/13/19	2/13/20	2/13/20																						
6603	31465	MSI	POM	Phase 4a	Cold Install DC Plant Equipment	100%	0 d	5/13/19	5/13/19	5/13/19	5/13/19																						
6604	31468	MSI	POM	Phase 4a	Battery System Installation	100%	17 d	8/8/19	8/8/19	8/30/19	8/30/19																						
6605	31469	MSI	POM	Phase 4a	DC wiring to equipment racks	100%	9 d	9/3/19	9/3/19	9/13/19	9/13/19																						
6606	37769	PNS	POM	Phase 4a	DC Power Activated	100%	1 d	2/13/20	2/13/20	2/13/20	2/13/20																						
6607	39692		POM	Phase 4a	Equipment Installation	100%	78 d	5/13/19	5/13/19	8/30/19	8/30/19																						
6608	31466	MSI	POM	Phase 4a	Install Mw IDU Equipment	100%	0 d	5/13/19	5/13/19	5/13/19	5/13/19																						
6609	31467	MSI	POM	Phase 4a	Install MSI FNE Equipment	100%	0 d	5/13/19	5/13/19	5/13/19	5/13/19																						
6610	31464	MSI	POM	Phase 4a	Site Equipment Installation Complete	100%	0 d	8/30/19	8/30/19	8/30/19	8/30/19																						
6611	39693		POM	Phase 4a	FNE and Mw Antenna Installation	100%	61 d	6/26/19	6/26/19	9/19/19	9/19/19																						
6612	31472	MSI	POM	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	61 d	6/26/19	6/26/19	9/19/19	9/19/19																						
6613	31473	MSI	POM	Phase 4a	Install Mw OD including Antenna and Lines	100%	6 d	9/12/19	9/12/19	9/19/19	9/19/19																						
6614	31471	MSI	POM	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	9/19/19	9/19/19	9/19/19	9/19/19																						
6615	38107	MSI	POM	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	9 d	1/27/20	1/27/20	2/6/20	2/6/20																						
6616	39331	MSI	POM	Phase 4a	Low voltage SMMS wiring	100%	5 d	5/4/20	5/4/20	5/8/20	5/8/20																						
6617	37774	MSI	POM	Phase 4a	Site Installation Internal Verification - POM	100%	2 d	6/9/20	6/9/20	6/10/20	6/10/20																						
6618	40385	MSI	POM	Phase 4a	Site Optimization - POM	100%	10 d	7/6/20	7/6/20	7/17/20	7/17/20																						
6619	41635	MSI	POM	Phase 4a	Punchlist resolution	100%	65 d	1/11/21	1/11/21	4/12/21	4/12/21																						
6620	42233	MSI	POM	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	59 d	1/26/21	1/26/21	4/16/21	4/16/21																						
6621	42232	LARICS	POM	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	5 d	4/19/21	4/19/21	4/23/21	4/23/21																						
6622	40386	MSI/LARICS	POM	Phase 4a	Customer Site Walk and Audit	100%	1 d	4/28/21	4/28/21	4/28/21	4/28/21																						
6623	42354	MSI	POM	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	53 d	4/29/21	4/29/21	7/13/21	7/13/21																						
6624	43013	MSI	POM	Phase 4a	JCC Contractor Evaluation and Resolution of Fire Alarm Wiring	100%	22 d	7/14/21	7/14/21	8/12/21	8/12/21																						
6625	43012	MSI	POM	Phase 4a	Re-start - Address Customer Audit Comments & Resubmit to Authority	100%	1 d	11/18/21	11/18/21	11/18/21	11/18/21																						
6626	43512	MSI	POM	Phase 4a	Re-Start Address Customer Audit Comments & Resubmit to Authority REV 3	100%	41 d	12/7/21	12/7/21	2/7/22	2/7/22																						
6627	37775	MSI	POM	Phase 4a	Site Installation Complete_ph4a_ POM	100%	0 d	2/7/22	2/7/22	2/7/22	2/7/22																						
6628	39552	MSI	POM	Phase 4a	POM connected to DTVRS East 700_Prime RIH	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21																						

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ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024																
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4													
6665	40039	MSI	PRG	Phase 3	Ship and Receive FNE NMDN_AirWave Warehouse	100%	1 d	9/22/20	9/22/20	9/22/20	9/22/20	2/9/21																								
6666	40040	MSI	PRG	Phase 3	Inventory and BOM - FNE NMDN	100%	1 d	9/23/20	9/23/20	9/23/20	9/23/20																									
6667	40041	LARICS	PRG	Phase 3	Customer Delivery, Inventory and Acceptance - FNE NMDN	100%	1 d	9/28/20	9/28/20	9/28/20	9/28/20																									
6668	31631	MSI	PRG	Phase 3	Phase 3 Complete	100%	0 d	6/8/20	6/8/20	6/8/20	6/8/20																									
6669	31653		PRG	Phase 4a	Phase 4a - Equipment Installation_PRG	100%	263 d	11/24/20	11/24/20	12/9/21	12/9/21																									
6671	38900		PRG	Phase 4a	Power System - Phase 4a	100%	163 d	11/24/20	11/24/20	7/19/21	7/19/21																									
6672	31664	MSI	PRG	Phase 4a	Cold Install DC Plant Equipment	100%	4 d	11/24/20	11/24/20	11/30/20	11/30/20																									
6673	31668	MSI	PRG	Phase 4a	DC wiring to equipment racks	100%	5 d	3/3/21	3/3/21	3/9/21	3/9/21																									
6674	31667	MSI	PRG	Phase 4a	Battery System Installation	100%	5 d	12/9/20	12/9/20	12/15/20	12/15/20																									
6675	42066	MSI	PRG	Phase 4a	Battery System Wiring	100%	1 d	3/17/21	3/17/21	3/17/21	3/17/21																									
6676	37800	PNS	PRG	Phase 4a	DC Power Activated	100%	1 d	7/19/21	7/19/21	7/19/21	7/19/21																									
6677	39003		PRG	Phase 4a	Equipment Installation	100%	56 d	11/24/20	11/24/20	2/17/21	2/17/21																									
6678	31665	MSI	PRG	Phase 4a	Install Mw IDU Equipment	100%	56 d	11/24/20	11/24/20	2/17/21	2/17/21																									
6679	40136	MSI	PRG	Phase 4a	Install MSI FNE Equipment	100%	56 d	11/24/20	11/24/20	2/17/21	2/17/21																									
6681	31663	MSI	PRG	Phase 4a	Site Equipment Installation Complete	100%	0 d	2/17/21	2/17/21	2/17/21	2/17/21																									
6682	39035		PRG	Phase 4a	FNE and Mw Antenna Installation	100%	54 d	12/10/20	12/10/20	3/2/21	3/2/21																									
6683	31671	MSI	PRG	Phase 4a	Install Antenna and Lines FNE_Including GPS	100%	27 d	1/25/21	1/25/21	3/2/21	3/2/21																									
6684	31672	MSI	PRG	Phase 4a	Install Mw OD including Antenna and Lines	100%	3 d	12/10/20	12/10/20	12/14/20	12/14/20																									
6686	31670	MSI	PRG	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	3/2/21	3/2/21	3/2/21	3/2/21																									
6687	37803	MSI	PRG	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	56 d	11/24/20	11/24/20	2/17/21	2/17/21																									
6689	37804	MSI	PRG	Phase 4a	Site Installation Internal Verification - PRG	100%	2 d	8/5/21	8/5/21	8/6/21	8/6/21																									
6690	40390	MSI	PRG	Phase 4a	Site Optimization - PRG	100%	12 d	8/9/21	8/9/21	8/24/21	8/24/21																									



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ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
6801	39695	MSI	RIH	Phase 4a	RIH connected to Regional TRO 8_Prime CRN	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21													
6802	39562	MSI	RIH	Phase 4a	RIH connected to Core	100%	0 d	6/1/21	6/1/21	6/1/21	6/1/21													
6803	32310		RPVT	Phase 3	Phase 3 - Supply LMR System Components_RPVT	100%	590 d	8/24/18	8/24/18	12/21/20	12/21/20													
6804	32312		RPVT	Phase 3	Order Processing and Manufacturing	100%	229 d	8/24/18	8/24/18	7/22/19	7/22/19													
6805	32314	MSI	RPVT	Phase 3	Inventory and BOM - Antennas, Lines, Misc	100%	224 d	8/31/18	8/31/18	7/22/19	7/22/19													
6806	32316	MSI	RPVT	Phase 3	Ship and Receive Antennas, Lines, Misc	100%	228 d	8/24/18	8/24/18	7/19/19	7/19/19													
6807	32317		RPVT	Phase 3	FNE Order Processing and Manufacturing	100%	120 d	4/30/20	4/30/20	10/19/20	10/19/20													
6808	32320	MSI	RPVT	Phase 3	Order Processing - FNE	100%	15 d	4/30/20	4/30/20	5/20/20	5/20/20													
6809	32318	MSI	RPVT	Phase 3	Manufacture FNE	100%	60 d	5/21/20	5/21/20	8/14/20	8/14/20													
6810	32322	MSI	RPVT	Phase 3	FNE Staging	100%	7 d	9/2/20	9/2/20	9/11/20	9/11/20													
6811	32321	MSI	RPVT	Phase 3	Ship and Receive FNE	100%	3 d	9/14/20	9/14/20	9/16/20	9/16/20													
6812	32319	MSI	RPVT	Phase 3	Inventory and BOM - FNE	100%	4 d	9/17/20	9/17/20	9/22/20	9/22/20													
6813	37153	MSI	RPVT	Phase 3	Customer Delivery, Inventory and Acceptance - FNE	100%	0 d	10/19/20	10/19/20	10/19/20	10/19/20													
6814	32323		RPVT	Phase 3	DC Plant Order Processing and Manufacturing	100%	164 d	4/30/20	4/30/20	12/21/20	12/21/20													
6815	32326	MSI	RPVT	Phase 3	Order Processing - DC Plant	100%	15 d	4/30/20	4/30/20	5/20/20	5/20/20													
6816	32324	MSI	RPVT	Phase 3	Manufacture DC Plant	100%	60 d	5/21/20	5/21/20	8/14/20	8/14/20													
6817	32327	MSI	RPVT	Phase 3	Ship and Receive DC Plant	100%	10 d	11/13/20	11/13/20	11/27/20	11/27/20													
6818	32325	MSI	RPVT	Phase 3	Inventory and BOM - DC Plant	100%	5 d	11/30/20	11/30/20	12/4/20	12/4/20													
6819	37154	MSI	RPVT	Phase 3	Customer Delivery, Inventory and Acceptance - DC Plant	100%	0 d	12/21/20	12/21/20	12/21/20	12/21/20													
6820	32311	MSI	RPVT	Phase 3	Phase 3 Complete	100%	0 d	12/21/20	12/21/20	12/21/20	12/21/20													
6821	32333		RPVT	Phase 4a	Phase 4a - Equipment Installation_RPVT	100%	204 d	8/12/21	8/12/21	6/3/22	6/3/22													
6823	38965		RPVT	Phase 4a	Power System - Phase 4a	100%	123 d	8/13/21	8/13/21	2/10/22	2/10/22													
6824	32344	MSI	RPVT	Phase 4a	Cold Install DC Plant Equipment	100%	1 d	8/13/21	8/13/21	8/13/21	8/13/21													
6825	32347	MSI	RPVT	Phase 4a	Battery System Installation	100%	5 d	8/16/21	8/16/21	8/20/21	8/20/21													
6826	32348	MSI	RPVT	Phase 4a	DC wiring to equipment racks	100%	6 d	8/18/21	8/18/21	8/25/21	8/25/21													
6827	37867	PNS	RPVT	Phase 4a	DC Power Activated	100%	1 d	2/10/22	2/10/22	2/10/22	2/10/22													
6828	39006		RPVT	Phase 4a	Equipment Installation	100%	12 d	8/12/21	8/12/21	8/27/21	8/27/21													
6829	32346	MSI	RPVT	Phase 4a	Install MSI FNE Equipment	100%	12 d	8/12/21	8/12/21	8/27/21	8/27/21													
6830	32345	MSI	RPVT	Phase 4a	Install Mw IDU Equipment	100%	12 d	8/12/21	8/12/21	8/27/21	8/27/21													



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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
6931	32951	MSI	SPH	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	9 d	12/13/21	12/13/21	12/23/21	12/23/21	12/23/21																							
6932	32952	MSI	SPH	Phase 4a	Install Mw OD including Antenna and Lines	100%	2 d	11/30/21	11/30/21	12/1/21	12/1/21																								
6933	32950	MSI	SPH	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	12/23/21	12/23/21	12/23/21	12/23/21																								
6934	37911	MSI	SPH	Phase 4a	FNE Cabling and Low voltage SMMS wiring	100%	12 d	12/2/21	12/2/21	12/17/21	12/17/21																								
6935	39333	MSI	SPH	Phase 4a	Site Installation Internal Verification -SPH	100%	2 d	5/10/22	5/10/22	5/11/22	5/11/22																								
6936	40415	MSI	SPH	Phase 4a	Site Optimization - SPH	100%	9 d	6/27/22	6/27/22	7/8/22	7/8/22																								
6937	41642	MSI	SPH	Phase 4a	Punchlist resolution	100%	11 d	8/12/22	8/12/22	8/26/22	8/26/22																								
6938	42245	MSI	SPH	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	11 d	8/12/22	8/12/22	8/26/22	8/26/22																								
6939	42244	LARICS	SPH	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	8/29/22	8/29/22	8/30/22	8/30/22																								
6940	40416	MSI/LARICS	SPH	Phase 4a	Customer Site Walk and Audit	100%	1 d	8/31/22	8/31/22	8/31/22	8/31/22																								
6941	42946	MSI	SPH	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	8 d	9/1/22	9/1/22	9/13/22	9/13/22																								
6942	37913	MSI	SPH	Phase 4a	Site Installation Complete _ph4a_ SPH	100%	0 d	9/13/22	9/13/22	9/13/22	9/13/22																								
6943	39510	MSI	SPH	Phase 4a	SPH connected to DTVRS South UHF_Prime RHT	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22																								
6944	39518	MSI	SPH	Phase 4a	SPH connected to DTVRS South 700_Prime RHT	100%																													











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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
7051	39042		TOP	Phase 4a	FNE and Mw Antenna Installation TOP	100%	380 d	12/1/20	12/1/20	6/3/22	6/3/22																								
7052	36101	MSI	TOP	Phase 4a	Install Mw OD including Antenna and Lines	100%	2 d	12/1/20	12/1/20	12/2/20	12/2/20																								
7053	36102	MSI	TOP	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete	100%	0 d	12/2/20	12/2/20	12/2/20	12/2/20																								
7054	42549	MSI	TOP	Phase 4a	Install SMMS low voltage cabling	100%	4 d	8/19/21	8/19/21	8/24/21	8/24/21																								
7055	41707	MSI	TOP	Phase 4a	Site Installation Internal Verification – TOP N/A	100%	2 d	8/27/21	8/27/21	8/30/21	8/30/21																								
7056	41715	MSI	TOP	Phase 4a	Punchlist resolution	100%	55 d	9/23/21	9/23/21	12/10/21	12/10/21																								
7057	42247	MSI	TOP	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	59 d	9/23/21	9/23/21	12/16/21	12/16/21																								
7058	42246	LARICS	TOP	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	12/17/21	12/17/21	12/20/21	12/20/21																								
7059	41716	MSI/LARICS	TOP	Phase 4a	Customer Site Walk and Audit	100%	1 d	12/17/21	12/17/21	12/17/21	12/17/21																								
7060	42361	MSI	TOP	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	8 d	12/20/21	12/20/21	1/3/22	1/3/22																								
7061	41717	MSI	TOP	Phase 4a	Site Installation Complete _ph4a_ TOP	100%	0 d	1/3/22	1/3/22	1/3/22	1/3/22																								

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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
7115	39632	MSI	TPK	Phase 4a	TPK connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22	◆ 2/15/22												
7116	39710	MSI	TPK	Phase 4a	TPK connected to LACoFD TRO 9_Prime MLM	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22	◆ 2/15/22												
7117	40173	MSI	TPK	Phase 4a	TPK connected to NMDN-Phase 1_Prime FCCF	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22	◆ 2/15/22												
7118	39453	MSI	TPK	Phase 4a	TPK connected to Core	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22	◆ 2/15/22												
7119	33803		TWR	Phase 3	Phase 3 - Supply LMR System Components_TWR	100%	164 d	4/30/20	4/30/20	12/21/20	12/21/20													
7120	33805		TWR	Phase 3	Order Processing and Manufacturing	100%	120 d	4/30/20	4/30/20	10/19/20	10/19/20													
7121	33808	MSI	TWR	Phase 3	Order Processing - Antennas / Lines / Misc	100%	15 d	4/30/20	4/30/20	5/20/20	5/20/20													
7122	33806	MSI	TWR	Phase 3	Manufacture Antennas, Lines, Misc	100%	60 d	5/21/20	5/21/20	8/14/20	8/14/20													
7123	33809	MSI	TWR	Phase 3	Ship and Receive Antennas, Lines, Misc	100%	6 d	9/11/20	9/11/20	9/18/20	9/18/20													
7124	33807	MSI	TWR	Phase 3	Inventory and BOM - Antennas, Lines, Misc	100%	1 d	9/21/20	9/21/20	9/21/20	9/21/20													
7125	37161	LARICS	TWR	Phase 3	Customer Delivery, Inventory and Acceptance - Antennas, Lines, Misc	100%	0 d	10/19/20	10/19/20	10/19/20	10/19/20													
7126	33810		TWR	Phase 3	FNE Order Processing and Manufacturing	100%	120 d	4/30/20	4/30/20	10/19/20	10/19/20													
7127	33813	MSI	TWR	Phase 3	Order Processing - FNE	100%	15 d	4/30/20	4/30/20	5/20/20	5/20/20													
7128	33811	MSI	TWR	Phase 3	Manufacture FNE	100%	60 d	5/21/20	5/21/20	8/14/20	8/14/20													
7129	33815	MSI	TWR	Phase 3	FNE Staging	100%	5 d	9/4/20	9/4/20	9/11/20	9/11/20													

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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
7181	39658	MSI	TWR	Phase 4a	TWR connected to LACoFD TRO 6_Prime FCCF	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
7182	39670	MSI	TWR	Phase 4a	TWR connected to Regional TRO 6_Prime BHS	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
7183	39455	MSI	TWR	Phase 4a	TWR connected to Core	100%	0 d	5/16/22	5/16/22	5/16/22	5/16/22													
7184	33977		UCLA	Phase 4a	Phase 4a - Equipment Installation_UCLA	100%	472 d	1/21/20	1/21/20	11/29/21	11/29/21													
7185	38979		UCLA	Phase 4a	Power System - Phase 4a	100%	200 d	1/21/20	1/21/20	10/29/20	10/29/20													
7186	33988	MSI	UCLA	Phase 4a	Cold Install DC Plant Equipment	100%	3 d	1/30/20	1/30/20	2/3/20	2/3/20													
7187	33991	MSI	UCLA	Phase 4a	Battery System Installation	100%	5 d	1/21/20	1/21/20	1/27/20	1/27/20													
7188	33992	MSI	UCLA	Phase 4a	DC wiring to equipment racks	100%	10 d	2/7/20	2/7/20	2/20/20	2/20/20													
7189	33983	PNS	UCLA	Phase 4a	DC Power Activated	100%	1 d	10/29/20	10/29/20	10/29/20	10/29/20													
7190	39013		UCLA	Phase 4a	Equipment Installation	100%	6 d	1/30/20	1/30/20	2/6/20	2/6/20													
7191	38980	MSI	UCLA	Phase 4a	Install Mw IDU Equipment	100%	6 d	1/30/20	1/30/20	2/6/20	2/6/20													
7192	38981	MSI	UCLA	Phase 4a	Install MSI FNE Equipment	100%																		

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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
7246	39734	MSI	CTYWL	Phase 4a	Install Mw IDU Equipment	100%	2 d	7/27/21	7/27/21	7/28/21	7/28/21	2/8/21											
7247	39722	MSI	CTYWL	Phase 4a	Site Equipment Installation Complete - CTYWLK	100%	0 d	8/3/21	8/3/21	8/3/21	8/3/21												
7248	39723		CTYWL	Phase 4a	FNE and Mw Antenna Installation - CTYWLK	100%	75 d	4/6/21	4/6/21	7/20/21	7/20/21												
7249	40582	MSI	CTYWL	Phase 4a	Install Antenna and Lines FNE _Including GPS	100%	17 d	6/28/21	6/28/21	7/20/21	7/20/21												
7250	39724	MSI	CTYWL	Phase 4a	Install Mw OD including Antenna and Lines - CTYWLK	100%	2 d	4/6/21	4/6/21	4/7/21	4/7/21												
7251	39725	MSI	CTYWL	Phase 4a	Site Antenna and Lines and Mw OD Installation Complete - CTYWLK	100%	0 d	7/20/21	7/20/21	7/20/21	7/20/21												
7252	39726	MSI	CTYWL	Phase 4a	FNE Cabling and Low voltage SMMS wiring - CITYWLK	100%	11 d	6/28/21	6/28/21	7/12/21	7/12/21												
7253	39727	MSI	CTYWL	Phase 4a	Site Installation Internal Verification - CTYWLK	100%	2 d	8/24/21	8/24/21	8/25/21	8/25/21												
7254	40442	MSI	CTYWL	Phase 4a	Site Optimization - CTYWLK	100%	7 d	9/8/21	9/8/21	9/16/21	9/16/21												
7255	41647	MSI	CTYWL	Phase 4a	Punchlist resolution	100%	21 d	9/29/21	9/29/21	10/27/21	10/27/21												
7256	42257	MSI	CTYWL	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	17 d	10/4/21	10/4/21	10/26/21	10/26/21												
7257	42256	LARICS	CTYWL	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	10/27/21	10/27/21	10/28/21	10/28/21												
7258	40443	MSI/LARICS	CTYWL	Phase 4a	Customer Site Walk and Audit	100%	1 d	10/29/21	10/29/21	10/29/21	10/29/21												
7259	42366	MSI	CTYWL	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	26 d	11/1/21	11/1/21	12/8/21	12/8/21												
7260	39728	MSI	CT																				



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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4													
7376	42263	MSI	WTR	Phase 4a	Phase 4a Close-out Soft Copy Package Assembled and Delivered to Authority (In Smart Sheets)	100%	15 d	2/16/22	2/16/22	3/8/22	3/8/22																									
7377	42262	LARICS	WTR	Phase 4a	Authority review period of Phase 4a Soft Copy Package	100%	2 d	3/9/22	3/9/22	3/10/22	3/10/22																									
7378	40457	MSI/LARICS	WTR	Phase 4a	Customer Site Walk and Audit	100%	1 d	3/11/22	3/11/22	3/11/22	3/11/22																									
7379	42369	MSI	WTR	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	15 d	3/14/22	3/14/22	4/1/22	4/1/22																									
7380	38118	MSI	WTR	Phase 4a	Site Installation Complete _ph4a_ WTR	100%	0 d	4/1/22	4/1/22	4/1/22	4/1/22																									
7381	39456	MSI	WTR	Phase 4a	WTR connected to CNTYWD LV (LARTCS VHF)_Prime MLM	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22																									
7382	39502	MSI	WTR	Phase 4a	WTR connected to CNTYWD LU (LARTCS UHF)_Prime FCCF	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22																									
7383	39607	MSI	WTR	Phase 4a	WTR connected to CNTYWD L8 (LARTCS 800)_Prime FCC	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22																									
7384	39634	MSI	WTR	Phase 4a	WTR connected to LASD and LACoFD Countywide_Prime FCCF	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22																									
7385	39712	MSI	WTR	Phase 4a	WTR connected to LACoFD TRO 9_Prime MLM	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22																									
7386	40174	MSI	WTR	Phase 4a	WTR connected to NMDN-Phase 1_Prime FCCF	100%	0 d	2/15/22	2/15/22	2/15/22	2/15/22</																									

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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
7438	40473	MSI/LARICS	LARICS	Phase 4a	Customer Site Walk and Audit	100%	1 d	8/27/21	8/27/21	8/27/21	8/27/21														
7439	42373	MSI	LARICS	Phase 4a	Address Customer Audit Comments & Resubmit to Authority	100%	10 d	8/30/21	8/30/21	9/13/21	9/13/21														
7440	36981	MSI	LARICS	Phase 4a	Site Installation Complete _ph4a_ LARICSHQ	100%	0 d	9/13/21	9/13/21	9/13/21	9/13/21														
7441	41328	MSI	LARICS	Phase 4a	LARICSHQ connected to Core	100%	0 d	12/26/18	12/26/18	12/26/18	12/26/18														
7442	38184		LACFDI	Phase 4a	Phase 4a - Equipment Installation_LACFDEL	100%	505 d	2/17/20	2/17/20	2/15/22	2/15/22														
7443	38985		LACFDI	Phase 4a	Power System - Phase 4a	100%	32 d	2/18/20	2/18/20	4/1/20	4/1/20														
7444	38193	MSI	LACFDI	Phase 4a	Cold Install DC Plant Equipment	100%	2 d	2/18/20	2/18/20	2/19/20	2/19/20														
7445	38196	MSI	LACFDI	Phase 4a	Battery System Installation	100%	3 d	2/18/20	2/18/20	2/20/20	2/20/20														
7446	38201	PNS	LACFDI	Phase 4a	DC wiring to equipment racks	100%	10 d	2/24/20	2/24/20	3/6/20	3/6/20														
7447	39758	PNS	LACFDI	Phase 4a	DC Power Activated	100%	1 d	4/1/20	4/1/20	4/1/20	4/1/20														
7448	39017		LACFDI	Phase																					







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												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4													
7703	43864	LARICS	System	Cutover Plan	Legacy systems decommissioned (LACoFD Decommission Legacy CH16 Infr	0%	10 d	3/24/23	NA	4/6/23	NA																									
7704	43944		System	Cutover Plan	ACVRS Cutover Plan	78%	390 d	1/24/22	1/24/22	8/8/23	NA																									
7705	43946	LARICS/Ag	System	Cutover Plan	LASD ACVRS Cutover Plan Received	0%	0 d	11/30/22	NA	11/30/22	NA																									
7706	43947	LARICS/Ag	System	Cutover Plan	LASD ACVRS Fallback Plans Received - ACVRS	0%	0 d	11/30/22	NA	11/30/22	NA																									
7707	43948	MSI	System	Cutover Plan	MSI Reviewed and Submitted Feedback on LASD Cutover Plans to LA-RICS	0%	10 d	12/1/22	NA	12/14/22	NA																									
7708	43949	MSI	System	Cutover Plan	Develop LASD ACVRS Cutover Plan and submit to LA-RICS	100%	98 d	3/14/22	3/14/22	7/29/22	7/29/22																									
7709	43950	LARICS/Ag	System	Cutover Plan	LASD ACVRS Cutover Plan LA-RICS Review and provide comments	100%	66 d	8/1/22	8/1/22	11/1/22	11/1/22																									
7710	43951	MSI/LARIC	System	Cutover Plan	LASD ACVRS Cutover Plan Joint Review	0%	1 d	12/15/22	NA	12/15/22	NA																									
7711	43952	MSI	System	Cutover Plan	Revise LASD ACVRS Cutover Plan and resubmit to LA-RICS (Rev 2)	0%	5 d	12/16/22	NA	12/22/22	NA																									
7712	43953	LARICS/Ag	System	Cutover Plan	LASD ACVRS Cutover Plan LA-RICS Review and Approve	0%	10 d	12/27/22	NA	1/10/23	NA																									
7713	43954	LARICS	System	Cutover Plan	LASD ACVRS Cutover Plan Approved	0%	0 d	1/10/23	NA	1/10/23	NA																									
7714	44090	LARICS/Ag	System	Cutover Plan	LACoFD ACVRS Cutover Plan Received	0%	0 d	11/30/22	NA	11/30/22	NA																									
7715	44091	LARICS/Ag	System	Cutover Plan	LACoFD ACVRS Fallback Plans Received - ACVRS	0%	0 d	11/30/22	NA	11/30/22	NA																									
7716	44092	MSI	System	Cutover Plan	MSI Reviewed and Submitted Feedback on LACoFD Cutover Plans to LA-RIC	0%	10 d	12/1/																												

LA-RICS LMR IMS Monthly All Activities as of 08 November 2022													Data Date: 11/8/22											
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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
7769	44051	LARICS	System	Cutover Plan	LARTCS Support Plan Approved	0%	10 d	2/21/23	NA	3/6/23	NA													
7770	44052	MSI	System	Cutover Plan	LARTCS System Readiness - LASD & LACoFD	0%	0 d	7/27/23	NA	7/27/23	NA													
7771	43800		System	Cutover Plan	NMDN Phase 2 Cutover Plan	59%	782 d	9/15/20	9/15/20	10/19/23	NA													
7772	43801	LARICS/Ag	System	Cutover Plan	LACoFD NMDN Phase 2 Cutover Plan Received	100%	0 d	9/15/20	9/15/20	9/15/20	9/15/20													
7773	43802	MSI	System	Cutover Plan	MSI Reviewed and Submitted Feedback on Agency Cutover Plans to LA-RICS	100%	0 d	9/28/20	9/28/20	9/28/20	9/28/20													
7774	43803	MSI	System	Cutover Plan	Develop NMDN Phase 2 Cutover Plan and submit to LA-RICS	100%	29 d	1/3/22	1/3/22	2/11/22	2/11/22													
7775	43804	LARICS/Ag	System	Cutover Plan	NMDN Phase 2 Cutover Plan																			

LA-RICS LMR IMS Monthly All Activities as of 08 November 2022													Data Date: 11/8/22											
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ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024				
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
7836	39115	MSI	System	DTVRS ANF	HPK backhaul to Core	100%	0 d	4/6/21	4/6/21	4/6/21	4/6/21													
7837	35064	MSI	System	DTVRS ANF	Cell Optimization 2 - DTVRS ANF & ND UHF	100%	13 d	11/2/20	11/2/20	11/18/20	11/18/20													
7838	39202	MSI	System	DTVRS ANF	Prime to Core UEM and UNC Integration	100%	5 d	10/26/20	10/26/20	10/30/20	10/30/20													
7839	39201	MSI	System	DTVRS ANF	Coverage Testing - DTVRS ANF & ND UHF	100%	24 d	2/22/21	2/22/21	3/25/21	3/25/21													
7840	40484	MSI	System	DTVRS ANF	Phase 4b Cell CATP Documentation Delivered_DTVRS ANF & ND UHF	100%	1 d	4/6/21	4/6/21	4/6/21	4/6/21													
7841	39061		System	Phase 4b	DTVRS ASR DPW38 700_Prime DPW38	100%	222 d	5/13/20	5/13/20	4/1/21	4/1/21													





LA-RICS LMR IMS Monthly All Activities as of 08 November 2022													Data Date: 11/8/22																							
ATTACHMENT B																																				
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ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024																
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4													
8031	39165	MSI	System	DTVRS Sout	RHT backhaul to Core	100%	0 d	6/10/21	6/10/21	6/10/21	6/10/21																									
8032	41594	LARICS	System	DTVRS Sout	Narrowbanding of CH16 complete - DTVRS South UHF	100%	0 d	4/9/21	4/9/21	4/9/21	4/9/21																									
8033	35089	MSI	System	DTVRS Sout	Cell Optimization 2 - DTVRS South UHF	0%	17 d	1/4/23	NA	1/27/23	NA																									
8034	39263	MSI	System	DTVRS Sout	Prime to Core UEM and UNC Integration	0%	5 d	1/4/23	NA	1/10/23	NA																									
8035	39264	MSI	System	DTVRS Sout	Coverage Testing - DTVRS South UHF	0%	23 d	1/30/23	NA	3/1/23																										

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ATTACHMENT B

ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022	Q1	Q2	Q3	Q4	2023	Q1	Q2	Q3	Q4	2024	Q1	Q2	Q3	Q4
8097	39182	MSI	System	LACoFD TR	Remote sites Connected to Prime_FCCF	100%	0 d	10/26/22	10/26/22	10/26/22	10/26/22					◆ 10/26/22										
8098	39183	MSI	System	LACoFD TR	FCCF backhaul to Core	100%	0 d	5/24/19	5/24/19	5/24/19	5/24/19															
8099	35098	MSI	System	LACoFD TR	Cell Optimization 4 - LACoFD TRO 6	0%	47 d	4/7/23	NA	6/13/23	NA															
8100	39281	MSI	System	LACoFD TR	Prime to Core UEM and UNC Integration	0%	5 d	4/7/23	NA	4/13/23	NA															
8101	39282	MSI	System	LACoFD TR	Coverage Testing - LACoFD TRO 6	0%	13 d	6/14/23	NA	6/30/23	NA															
8102	40515	MSI/LARIC	System	LACoFD TR	Phase 4b Cell CATP Documentation Delivered and Approved_ LACoFD	0%	5 d	7/3/23	NA	7/10/23	NA															
8103	39099		System	Phase 4b	Regional TRO 6_Prime BHS	0%	734 d	8/5/20	8/5/20	7/5/23	NA															
8104	39389	MSI	System	Regional TR	Sites Ready for Cell Optimization plus Frequency	100%	0 d	10/26/22	10/26/22	10/26/22	10/26/22					◆ 10/26/22										
8105	39186	MSI	System	Regional TR	Remote sites Connected to Prime_BHS	100%	0 d	10/26/22	10/26/22	10/26/22	10/26/22					◆ 10/26/22										
8106	39187	MSI	System	Regional TR	BHS backhaul to Core	100%	0 d	8/5/20	8/5/20																	

LA-RICS LMR IMS Monthly All Activities  
as of 08 November 2022

For information only. Not contractually binding until approved through the WAC process

ATTACHMENT B

ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022	Q1	Q2	Q3	Q4	2023	Q1	Q2	Q3	Q4	2024	Q1	Q2	Q3	Q4
8162	39195	MSI	System	CNTYWD L8	FCCF backhaul to Core	100%	0 d	5/24/19	5/24/19	5/24/19	5/24/19															
8163	35104	MSI	System	CNTYWD L8	Cell Optimization 8 - CNTYWD L8 (LARTCS 800)	0%	62 d	12/28/22	NA	3/27/23	NA															
8164	39204	MSI	System	CNTYWD L8	Prime to Core UEM and UNC Integration	0%	5 d	12/28/22	NA	1/4/23	NA															
8165	39203	MSI	System	CNTYWD L8	Coverage Testing - CNTYWD L8 (LARTCS 800)	0%	13 d	3/28/23	NA	4/13/23	NA															
8166	40525	MSI/LARICS	System Implem	CNTYWD L8 (LARTCS	Phase 4b Cell CATP Documentation Delivered and Approved_CNTYWD L8 (LARTCS 800)	0%	5 d	4/14/23	NA	4/20/23	NA															
8167	39103		System	Phase 4b	CNTYWD LU (LARTCS UHF)_Prime FCCF	0%	986.13	5/24/19	5/24/19	4/20/23	NA															
8168	39394	MSI	System	CNTYWD LU	Sites Ready for Cell Optimization plus Frequency	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22															
8169	39196	MSI	System	CNTYWD LU	Remote sites Connected to Prime_FCCF	100%	0 d	6/3/22	6/3/22	6/3/22	6/3/22															
8170	39197	MSI	System	CNTYWD LU	FCCF backhaul to Core	100%	0 d	5/24/19	5/24/19	5/24/19	5/24/19															
8171	35105	MSI	System	CNTYWD LU	Cell Optimization 8 - CNTYWD																					

ATTACHMENT B

LA-RICS LMR IMS Monthly All Activities as of 08 November 2022																							
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ID	Unique ID	Responsibil	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
8227	44179	MSI	Training	Training	APX010 - APX Technical Subscriber Academy	100%	5 d	8/22/22	8/22/22	8/26/22	8/26/22												
8228	44180	MSI	Training	Training	CON012 - MCC7000 Series Dispatch Consoles & Workshop	100%	4 d	8/30/22	8/30/22	9/2/22	9/2/22												
8229	44181		Trainin	Training	Subscriber Technician Group 2	100%	34 d	9/6/22	9/6/22	10/21/22	10/21/22												
8230	44182	MSI	Training	Training	NST021 - Communications Systems Concepts	100%	5 d	9/12/22	9/12/22	9/16/22	9/16/22												
8231	44183	MSI	Training	Training	AST1038 - ASTRO 25 IV&D System Overview	100%	4 d	9/6/22	9/6/22	9/9/22	9/9/22												
8232	44184	MSI	Training	Training	RDS1017 - Fleetmapping	100%	3 d	9/26/22	9/26/2														



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ATTACHMENT B

ID	Unique ID	Responsible	Site Name	Phase	Task Name	% Complete	Duration	Start	Actual Start	Finish	Actual Finish	2022				2023				2024			
												Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
8358	44320	MSI	Training	Training	AST4207 - IV&D Secure Communications Workshop	0%	5 d	10/2/23	NA	10/6/23	NA												
8359	44346		Training	Training	PS-TR-EU12-PS - Nice - Inform	0%	2 d	9/27/23	NA	9/28/23	NA												
8360	44336				Refresher TTT Training - Session 1	0%	14 d	4/1/24	NA	4/18/24	NA												
8361	44337	MSI	Training	Training	LARTCS (CTI Products) Console Refresher Training	0%	3 d	4/1/24	NA	4/3/24	NA												
8362	44335	MSI	Training	Training	AST1059 - APX Subscriber Refresher Training	0%	1 d	4/16/24	NA	4/16/24	NA												
8363	44339	MSI	Training	Training	AST1055 - MCC7500 Console refresher Training	0%	1 d	4/17/24	NA	4/17/24	NA												
8364	44340	MSI	Training	Training	NICE Refresher Training	0%	1 d	4/18/24	NA	4/18/24	NA												
8365	44341				Refresher TTT Training - Session 2	0%	8 d	9/23/24	NA	10/2/24	NA												

LARICS LMR Monthly IMS Exec  
Date: 11/19/22

Task

Critical Task

Imminent Critical

Near Critical

Milestone

Critical Milestone

Imminent Critical MS

Near Critical MS

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

External Tasks

External Milestone

Deadline

Critical

Critical Split

Path Driving Predecessor Milestone Task

Path Driving Predecessor Summary Task

Path Driving Predecessor Normal Task

Progress

Manual Progress

**EXHIBIT C.1***Agreement No. LA-RICS 007 - Amended and Restated under Amendment No. 109*

<b>EXHIBIT C.1 - SCHEDULE OF PAYMENTS LMR SYSTEM PAYMENT SUMMARY</b>				
<b>Summary</b>	<b>Unilateral Option Sum</b>	<b>Contract Sum - Full Payable Amount</b>	<b>10% Holdback Amount</b>	<b>Payment Minus 10% Holdback Amount</b>
<b>Phase 1</b> <sup>(Note 1)</sup>	\$ -	\$ 41,632,564	\$ 3,117,075	\$ 38,515,489
<b>Phase 2</b>	\$ -	\$ 43,100,531	\$ 4,147,787	\$ 38,952,744
<b>Phase 3</b>	\$ -	\$ 56,698,625	\$ 4,230,479	\$ 52,468,147
<b>Phase 4</b>	\$ -	\$ 20,732,005	\$ 2,009,828	\$ 18,722,174
<b>SUBTOTAL (Phases 1 to 4):</b>	<b>\$ -</b>	<b>\$ 162,163,725</b>	<b>\$ 13,505,169</b>	<b>\$ 148,658,553</b>
<b>Phase 5 (15 Years)</b>	\$ 55,898,518	\$ -	\$ -	\$ 55,898,518
<b>TOTAL (Phases 1 to 5):</b>	<b>\$ 55,898,518</b>	<b>\$ 162,163,725</b>	<b>\$ 13,505,169</b>	<b>\$ 204,557,072</b>
<del>Bounded Area Coverage Additive Alternate</del> <sup>(Note 1)</sup>	<del>\$ 19,109,375</del>	<del>\$ -</del>	<del>\$ 1,910,937</del>	<del>\$ 17,198,437</del>
<del>Mandatory Building Coverage Additive Alternate</del>	<del>\$ 29,828,448</del>	<del>\$ -</del>	<del>\$ 2,982,845</del>	<del>\$ 26,845,603</del>
<del>Metrorail Coverage Additive Alternate</del>	<del>\$ 4,792,260</del>	<del>\$ -</del>	<del>\$ 479,226</del>	<del>\$ 4,313,034</del>
<del>LMR System Maintenance for Additive Alternates</del>	<del>\$ 19,620,355</del>	<del>\$ -</del>	<del>\$ 1,962,036</del>	<del>\$ 17,658,320</del>
Source Code Software Escrow	\$ 1,304,000	\$ -	\$ 130,400	\$ 1,173,600
LMR Mitigation Monitoring and Reporting Plan		\$ 2,912,356	\$ -	\$ 2,912,356
LMR Change Order Modifications		\$ 3,549,402	\$ 354,940	\$ 3,194,462
LMR Unilateral Amendments		\$ 1,453,036	\$ 145,304	\$ 1,307,732
Multiprotocol Label Switching Mobile Backhaul		\$ 2,200,000	\$ 220,000	\$ 1,980,000
Channel 15 and Channel 16 Interference Mitigation		\$ 687,287		\$ 687,287
LMR Bridge Warranty		\$ 1,987,674		\$ 1,987,674
LMR Subsystem Bridge Warranty		\$ 1,067,683		\$ 1,067,683
<b>SUBTOTAL</b>	<b>\$ 130,552,956</b>	<b>\$ 176,021,164</b>	<b>\$ 21,690,857</b>	<b>\$ 284,883,260</b>
<b>TOTAL CONTRACT SUM:</b>	<b>\$176,021,164</b>			
<b>LMR Discounts</b> <sup>(Note 2)</sup>	<b>-\$17,201,215</b>			
<b>MAXIMUM CONTRACT SUM(Total Unilateral Option Sum plus Total Contract Sum):</b>	<b>\$216,022,467</b>			

## SCHEDULE OF PAYMENTS

### EXHIBIT C.17 - LMR CHANGE ORDER MODIFICATIONS

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
<b>Amendment No. 28</b>					
MSI 003 Revised	OLI	MSI-003 OLI Tower Mapping (Revised)	\$ -	\$ -	\$ -
MSI-007	LDWP243	MSI-007 LDWP243 Additional Structural Analysis for Coverage Enhancement	\$ 2,200	\$ 220	\$ 1,980
MSI-008	LMR	MSI-008 Station B Reprogramming of 700 MHz DTVRS Stations	\$ 9,912	\$ 991	\$ 8,921
MSI-009	AGH	MSI-009 AGH SCE Engineering Fee Reimbursement	\$ 5,634	\$ 563	\$ 5,071
MSI-012	LMR	MSI-012 Site 3D Models per Authority Request BJM, DPK, TWR	\$ -	\$ -	\$ -
MSI-015	BUR1	MSI-015 BUR1 SCE Engineering Fee	\$ 3,308	\$ 331	\$ 2,977
MSI-016	BMT	MSI-016 BMT SCE Engineering Fee	\$ 592	\$ 59	\$ 533
MSI-017	MML	MSI-017 MML SCE Engineering Fee	\$ 3,308	\$ 331	\$ 2,977
<b>Amendment No. 28 Subtotal</b>			<b>\$ 24,953</b>	<b>\$ 2,495</b>	<b>\$ 22,458</b>
<b>Amendment No. 29</b>					
MSI-030	APC	MSI-030 Saturday Labor and Crane Cost	\$ 2,405	\$ 241	\$ 2,165
MSI-020R	BKK	MSI-020R Tower Mapping and Painting	\$ 26,225	\$ 2,623	\$ 23,603
MSI-024	BKK	MSI-024 Dispersive Wave Testing	\$ 5,426	\$ 543	\$ 4,883
MSI-1208	POM	MSI-LMR1208 ACM and LCP Testing Services	\$ 4,400	\$ 440	\$ 3,960
<b>Amendment No. 29 Subtotal</b>			<b>\$ 38,456</b>	<b>\$ 3,846</b>	<b>\$ 34,610</b>
<b>Amendment No. 30</b>					
MSI-1205	MVS	MSI-1205 MVS LCP Testing Services	\$ 4,195	\$ 420	\$ 3,776
<b>Amendment No. 30 Subtotal</b>			<b>\$ 4,195</b>	<b>\$ 420</b>	<b>\$ 3,776</b>
<b>Amendment No. 31</b>					
MSI-1265	ONK	MSI-1265 Environmental Testing ACM and LPC Services	\$ 3,633	\$ 363	\$ 3,270
MSI-1206	CCT	MSI-1206 HVAC Condenser Pad Modification	\$ 9,745	\$ 975	\$ 8,771
MSI-1321	AGH	MSI-1321 Additional Title, Survey, Research	\$ 2,100	\$ 2	

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
MSI-UNI-002	MMC	MMC Concrete Under Asphalt	\$ 9,765	\$ 977	\$ 8,789
MSI-UNI-003	MMC	MMC Electrical Power Conduits	\$ 2,703	\$ 270	\$ 2,433
<b>Amendment No. 37 Subtotal</b>			<b>\$ 56,337</b>	<b>\$ 5,634</b>	<b>\$ 50,703</b>
<b>Amendment No. 38</b>					
MSI-5017	PMT	PMT 2nd GeoTechnical Engineering Services	\$ 23,626	\$ 2,363	\$ 21,263
MSI-5030	UCLA	UCLA ACM and LCP Testing Services	\$ 4,725	\$ 473	\$ 4,253
MSI-UNI-004	FCCF	FCCF Relocated Prime Site Equipment		\$ -	\$ -
MSI-5038	SGH	SGH Barrel Tile Roof	\$ 6,843	\$ 684	\$ 6,159
MSI-5021	SGH	SGH NB CX Stand Down Costs	\$ 7,652	\$ 765	\$ 6,887
MSI-5046	DPW38	DPW38 LCP Testing	\$ 2,363	\$ 236	\$ 2,127
MSI-5043	VPK	VPK Tower Foundation	\$ 34,102	\$ 3,410	\$ 30,692
MSI-5006	VPK	VPK Power Run	\$ 50,027	\$ 5,003	\$ 45,024
MSI-UNI-005	VPK	VPK Retaining Wall Credit	\$ (68,141)	\$ (6,814)	\$ (61,327)
MSI-UNI-006	LACFDEL	LACFDEL Reuse of Existing Shelter	\$ -	\$ -	\$ -
MSI-5024	MIR	MIR Additional Topography	\$ 2,205	\$ 221	\$ 1,985
MSI-5061	MDI	MDI 2nd GeoTechnical Engineering Services	\$ 7,588	\$ 759	\$ 6,829
MSI-5028	MDI	MDI Underground Utility Locator	\$ 756	\$ 76	\$ 680
MSI-5029	MDI	MDI Addition Topo Survey	\$ 2,100	\$ 210	\$ 1,890
MSI-5050	WWY	WWY Native American Monitoring	\$ 580	\$ 58	\$ 522
<b>Amendment No. 38 Subtotal</b>			<b>\$ 74,426</b>	<b>\$ 7,443</b>	<b>\$ 66,983</b>
<b>Amendment No. 39 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-5073	AGH	AGH Encroachment Permit Fee	\$ 4,807	\$ 481	\$ 4,326
MSI-5045	CCB	CCB Abatement and Remediation Work	\$ 13,125	\$ 1,313	\$ 11,813
MSI-5076	LACFDEL	LACFDEL New Phase 1 Work Rev.1	\$ 26,965	\$ 2,697	\$ 24,269
MSI-5068	SPH	SPH Lease Exhibit Option Rev.1	\$ 1,065	\$ 107	\$ 959
MSI-5063	UNIV	UNIV Recuperation of Cost for Day Tank for Cancelled Site			

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
<b>Amendment No. 47</b>					
MSI-6023	LARICS	LMR System Reconciliation - Engineering & Re-Racking Services	\$ 174,641	\$ 17,464	\$ 157,177
MSI-6045	ONK	Add ONK Prime Site and ASR	\$ 438,279	\$ 43,828	\$ 394,451
MSI-6040	RIH	Soil Removal	\$ —	\$ —	\$ —
MSI-6031	BHS	Soil Removal	\$ 41,577	\$ 4,158	\$ 37,419
MSI-6042	LPC	Soil Removal	\$ 41,854	\$ 4,185	\$ 37,668
MSI-6041	MDI	Soil Sampling	\$ 10,134	\$ 1,013	\$ 9,120
MSI-6034	RHT	Additional Topography	\$ 3,733	\$ 373	\$ 3,360
<b>Amendment No. 47 Subtotal</b>			<b>\$ 710,217</b>	<b>\$ 71,022</b>	<b>\$ 639,196</b>
<b>Amendment No. 48</b>					
MSI-6064	AGH	Easement Payment	\$ 4,055	\$ 406	\$ 3,650
MSI-6062	TOP	Monopole Painted Neutral Brown	\$ 6,104	\$ 610	\$ 5,494
MSI-6050	LARICS	Core and Site Router/Switch Upgrade	\$ —	\$ —	\$ —
<b>Amendment No. 48 Subtotal</b>			<b>\$ 10,159</b>	<b>\$ 1,016</b>	<b>\$ 9,143</b>
<b>Amendment No. 49 and Amendment No. 59</b>					
MSI-6061	Various	New Antenna Models and Powder Coating	\$ 110,000	\$ 11,000	\$ 99,000
MSI-6067	MTL2	Removing impediments to road access caused by erosion to the site road, etc	\$ —	\$ —	\$ —
MSI-6069	LARICS	Audio Loopback	\$ —	\$ —	\$ —
<b>Amendment No. 49 Subtotal</b>			<b>\$ 110,000</b>	<b>\$ 11,000</b>	<b>\$ 99,000</b>
<b>Amendment No. 50</b>					
MSI-6076	PRG/AGH	PRG Relocation to AGH for NMDN System	\$ 13,678	\$ 1,368	\$ 12,310
MSI-6077	PRG	VIAMM Implementation	\$ 38,615	\$ 3,862	\$ 34,754
MSI-6086					

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
MSI-7008	TOP	Biota Reports	\$ 13,972	\$ 1,397	\$ 12,575
<b>Amendment No. 56 Subtotal</b>			<b>\$ 13,972</b>	<b>\$ 1,397</b>	<b>\$ 12,575</b>
<b>Amendment No. 57</b>					
MSI-7024	CPK	Removal of Subgrade Concrete Structure	\$ 8,566	\$ 857	\$ 7,709
<b>Amendment No. 57 Subtotal</b>			<b>\$ 8,566</b>	<b>\$ 857</b>	<b>\$ 7,709</b>
<b>Amendment No. 58 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-7025	UNIV	Redesign Work	\$ 60,650	\$ 6,065	\$ 54,585
<b>Amendment No. 58 Subtotal</b>			<b>\$ 60,650</b>	<b>\$ 6,065</b>	<b>\$ 54,585</b>
<b>Amendment No. 59 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-7049	POM	Correction of Fire Alarm Deficiency	\$ 5,282	\$ 528	\$ 4,754
MSI-7044	RPVT	Antenna Powder Coating	\$ 6,874	\$ 687	\$ 6,187
MSI-7051	LAC072	Antenna Powder Coating	\$ 255	\$ 26	\$ 230
MSI-7045	MML	Utility Power Survey	\$ 3,465	\$ 347	\$ 3,119
<b>Amendment No. 59 Subtotal</b>			<b>\$ 15,876</b>	<b>\$ 1,588</b>	<b>\$ 14,288</b>
<b>Amendment No. 63</b>					
MSI-7060	WTR	Utility Power Provision	\$ 10,788	\$ 1,079	\$ 9,709
<b>Amendment No. 63 Subtotal</b>			<b>\$ 10,788</b>	<b>\$ 1,079</b>	<b>\$ 9,709</b>
<b>Amendment No. 64 and Amendment No. 88</b>					
MSI-7064/ MSI-7090	TWR	Survey for SCE Conveyance	\$ 12,428	\$ 1,243	\$ 11,185
<b>Amendment No. 64 nd Amendment No. 88 Subtotal</b>			<b>\$ 12,428</b>	<b>\$ 1,243</b>	<b>\$ 11,185</b>
<b>Amendment No. 77</b>					
MSI-7072	UNIV	Power Meter			

**EXHIBIT C.17***Agreement No. LA-RICS 007 - Amended and Restated under Amendment No. 109*

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
MSI-7103	FCCF, PLM	Leased Fiber Link between FCCF and PLM	\$ 11,617	\$ 1,162	\$ 10,455
Amendment No. 99 Subtotal			\$ 11,617	\$ 1,162	\$ 10,455
Amendment No. 106					
MSI-7106	TPK	DTVRS Antenna Changes to Mitigate UHF DTV Channel 15	\$ 42,546	\$ 4,255	\$ 38,291
Amendment No. 106 Subtotal			\$ 42,546	\$ 4,255	\$ 38,291
Amendment No. 108					
MSI-7108	BUR1	BUR1 Rollup Generator Outage Work	\$ 3,263	\$ 326	\$ 2,937
Amendment No. 108 Subtotal			\$ 3,263	\$ 326	\$ 2,937
Amendment No. 109					
MSI	TOP	Permit Approval	\$ 2,379	\$ 238	\$ 2,141
Amendment No. 109 Subtotal			\$ 2,379	\$ 238	\$ 2,141
<b>TOTAL FOR ALL LMR CHANGE ORDER MODIFICATIONS</b>			<b>\$ 3,549,402</b>	<b>\$ 354,940</b>	<b>\$ 3,194,462</b>

**Note 1:** The above identified Change Order Modifications have been fully negotiated between the Authority and the Contractor, and the above amounts represent a full and final resolution of all changes contained in those identified Change Order Modifications.

## SCHEDULE OF PAYMENTS

### EXHIBIT C.22 - LMR SUBSYSTEM ACCEPTANCE PAYMENT SCHEDULE

TOTAL HOLDBACK AS OF AMENDMENT NO. 109	HOLDBACK
Phases 1 to 4 Holdback	\$13,505,169
LMR Change Order Modifications Holdback	\$354,940
LMR Unilateral Amendments Holdback	\$145,304
MPLS Mobile Backhaul Holdback	\$220,000
<b>SUBSYSTEM HOLDBACK TOTAL</b>	<b>\$14,225,413</b>

Subsystem	COMPLETION ACCEPTANCE			TESTING			HOLDBACK				Total
	Date of Completion	Percentage	Payment of Subsystem Phase 4 Completion Acceptance	Testing Percentage	Subsystem Acceptance Testing	Coverage Acceptance Testing	Release of Holdback of Coverage Testing	Release of Holdback at each Subsystem Acceptance	Release of \$1.5M of Holdback at Final Acceptance	Release of 5% of Holdback One Year After System Acceptance	
NMDN (Phase 1)	12/15/2022	10%	\$921,735			\$176,709		\$552,649	\$149,481	\$704,593	\$2,505,167
DTVRS (17 Cells/Sites out of 33 Cells/Sites)	6/6/2022	55%	\$0	50%		\$614,710	\$68,301	\$0	\$0	\$0	\$683,011
DTVRS (16 Cells/Sites out of 33 Cells/Sites)	3/9/2023		\$5,069,545			\$578,550	\$64,283	\$2,942,033	\$826,817	\$3,930,151	\$13,411,380
LARTCS	7/27/2023	10%	\$921,735	25%		\$596,630	\$66,292	\$486,372	\$149,481	\$704,608	\$2,925,118
ACVRS	8/8/2023	20%	\$1,843,471	25%		\$596,630	\$66,292	\$1,044,660	\$300,000	\$1,421,396	\$5,272,449
NMDN (Phase 2) Completion final System Document	10/5/2023	5%	\$460,868					\$269,382	\$74,221	\$346,218	\$1,150,689
Functional Test Acceptance 80%	6/6/2022				\$304,662			\$16,926		\$21,157	\$342,745
Functional Test Acceptance 20%	8/8/2023				\$76,166			\$4,231			\$80,397
<del>Special Operational Test Acceptance</del>					\$0			\$0		\$0	\$0
<del>Stress Test Acceptance</del>					\$0			\$0		\$0	\$0
<del>Voice Aerial Coverage Test Acceptance</del>					\$0			\$0		\$0	\$0
<del>Voice Waterway Coverage Test Acceptance</del>					\$0			\$0		\$0	\$0
Voice Subscriber Access Test Acceptance	</										