MINUTES
LOUISIANA OPTICAL NETWORK INFRASTRUCTURE
MANAGEMENT COUNCIL

August 22, 2023

The Louisiana Optical Network Infrastructure (LONI) Management Council (MC) met as scheduled to conduct its appointed mission at 1:30 p.m., Tuesday, August 22, 2023, in the Regent Board Room, Claiborne Building, 1201 North Third Street, Baton Rouge, LA. Chair Gabriel Fagbeyiro called the meeting to order.

I.   ROLL CALL

Ms. Michelle Brandon called the roll, and a quorum was established at 1:30pm by those present.

Council Members:	Representing	Present / Absent
Kenneth Boe	LSU System	Present
Clarence Copeland	LETA/LPB	Present
Gabriel Fagbeyiro	SU System	Present
Gene Fields	UL System	Present
Paul Helton	LED	Absent**
Thomas Hoover	UL System	Absent
Richard Howze	DOA	Present
Janarthanan Jayawickramarajah	Tulane University	Absent**
Matthew LaBruyere	Board of Regents	Present
Lonnie Leger	LONI	Present
Francesca Mellieon-Williams	SU System	Present
Nick Pitre	LCTCS	Absent
Ramu Ramachandran	UL System	Absent
Ram Ramanujam	LSU System	Absent
Bryce Sanders	LACIU	Absent
Eric Setz	LCTCS	Present
Noel Wong	Tulane University	Absent**
Craig Woolley	LSU System	Present
** Denotes two consecutive absences *** Denotes three or more consecutive absences		

II. SECRETARY REPORT

On a motion by Mr. Kenneth Boe, second by Mr. Richard Howze, the LONI Management Council unanimously voted to accept the draft minutes as provided without change from the Council's Meeting on May 16, 2023, previously distributed to the Council via email without reading it aloud during the meeting.

III. CHAIR BUSINESS

a. Remarks
Chair Gabriel Fagbeyiro welcomed everyone to the meeting. He reminded committee members there is only one meeting remaining in November for the year. Mr. Fagbeyiro asked the Nomination Committee to work on identifying a candidate for the Chair-Elect position to replace Ken Boe, who will be assuming the Chair in January 2024. He expects that the candidate will be presented during the November LMC meeting.

IV. LONI EXECUTIVE DIRECTOR

LONI CTO, Gary Mumphrey, presented the Executive Director's report on behalf of Mr. Lonnie Leger because he was a virtual attendee.

a. 2023 Work Plan
Mr. Gary Mumphrey presented to the Council a high-level update on the 2023 Work Plan with four goals; 1) Publish a Strategic Plan with a 3 to 5-year horizon, 2) Invest in mutually beneficial endeavors which bring member value and strengthen LONI's portfolio, 3) Deploy our 4th Generation Network and HPC Cyberinfrastructure, and 4) Deploy the LONI SOCaaS offering.

b. Events and News
Mr. Mumphrey mentioned various upcoming community events: LONI Community Quarterly Call on this Thursday, the 2023 Internet Technology Exchange in mid-

September, the 2023 Quilt Fall Member Meeting co-host with NSF CC* PI Workshop and NSF Fabric Project in late September, the Educause Annual Conference in early October, and the 2024 LONI Summit in mid-March of next year.

c. Strategic/Business Plan Update

Under the Strategic Plan item, Mr. Mumphrey informed the Council that a preliminary draft document has been submitted to Regents for consideration and feedback.

d. PaaS Update

Under the PaaS Update item, Mr. Mumphrey provided an update on the use of the LONI SOCaaS by LONI and LSU followed by acknowledgement that LSUS and LSUHSC-NO are in the setup implementation phase. Mr. Leger requested assistance from the Council by working with their institution as well as the institutions they represent to achieve 100% payment on the PaaS FY24 Invoices due by September 30th.

e. HPC Quarterly Update

Under the High-Performance Computing (HPC) Quarterly Update item, Mr. Mumphrey informed the Council that QB4 was delivered in early August and anticipates taking at least the next two months for installation, but highlighted the complexity of the mechanical and electrical infrastructure work was still an unknown factor to our forecast. to start arriving in July followed by construction starting in August. The LONI Staff shared that the SU/CPU allocation for combined availability on QB-2 and QB-3 clusters was at 92.5%. The actual monthly precent utilization of QB-2 has been trending downward as that system undergoes

decommissioning while the utilization on QB-3 is trending upward minus seasonality effects. We still anticipate it will take most of the remaining of this year to bring QB4 up to full production capacity. It was noted that the process of achieving full production capacity for QB4 is projected to span most of this year. While QB3 will remain fully operational, temporary scheduled maintenance windows are anticipated due to the integration of new transformers and cooling distribution infrastructure. At the same time, the LONI Staff will continue to decommission QB2 to make way for QB4.

f. Network Quarterly Update

Under the Network Quarterly Update item, Mr. Mumphrey provided the Council with an update on projects in the service design phase. He reported that the LONI Staff is actively collaborating with Cisco professional services to address any remaining transition complications stemming from the shift to Cisco from other competitors. The team has deployed all the new Cisco 100G-based routers at each backbone location. Furthermore, the team has completed the transition between Lafayette and Shreveport from the legacy sixteen-year-old optical equipment based on 10G circuits to the new Infinera equipment based 400G circuits. Mr. Mumphrey informed the Council that the seven (7) members who applied for the FY23 RHC were fully funded from their application with an anticipated disbursement of $570,022.40 while sixteen (16) members have applied for the FY24 RHC program with a potential reimbursement of approximately $6 million. He next highlighted that the FY25 RHC cycle began in August following a virtual workshop hosted by LONI and UAMS on August 3rd. LONI hopes to turn over their paperwork to UAMS for processing in October. Mr. Mumphrey presented the typical LONI Working

Group participation bar chart. He reminded the Council that if anyone does not like where their campuses are ranked in the graphic, they should contact LONI to help address better participation.

g. Research Opportunities

Under the Research Opportunities item, Mr. Leger updated the Council that their NSF Mid-Scale proposal with LSU was not selected for an award, but new and foundational relationships have been established with the proposal team. In addition, LONI proposal for an NSF CC* to Area 5 was also not selected for an award. On a good note, LONI's involvement with LSU for an NSF CC* to Area 6 was selected for an award. Mr. Mumphrey highlighted the recent NSF Engines Type 2 award to LSU.

V. CHIEF ADVISORS REPORTS/RECOMMENDATIONS

a. Chief Scientist

Mr. Ram Ramanujam was unable to attend this meeting.

b. Chief Technology Advisor

Mr. Gene Fields reported that the working groups are working well together, and an example is their efforts to invite industry vendors into those calls on an array of topics and technologies to assist the members with challenges in their enterprise networks. Mr. Fields continued to solicit the Council members to advocate their staff's participation and those they represent in joining the working groups on a regular basis.

c. Chief Economic Development Advisor

Mr. Paul Helton was unable to attend the meeting.

d. Chief Cybersecurity Advisor

Mr. Craig Woolley continued is message how LSU is excited about going live with the LONI SOCaaS offering. With the announcement of 7.5 million to LONI to provide SOCaaS to all public institutions in the State, we are reexamining our contract with our industry provider to better align with the positive impact of this news. He informed the Council we are still on target to onboard students in the SOC this coming fall semester. We are forecasting to have four institutions per quarter to be involved in the setup implementation phase and subsequently the following quarter to "go-live" with the service. Mr. Woolley communicated the desire to prioritize the institution with have applied for the Rural Health Care program because they will get the largest financial impact from using the service. Mr. Matthew LaBruyere announced "save the dates" for the next Regents cyber event on October 11 at LSUA and 12 at Nicholls.

VI. <u>OLD BUSINESS/NEW BUSINESS</u>

Mr. Richard Howze reported that OTS is waiting to receive feedback on their draft policy submission to the TikTok ban legislation.

VII. <u>ADJOURNMENT</u>

There being no further business to come before the LONI Executive Management Council, Mr. Matthew LaBruyere motioned to adjourn, seconded by Mr. Kenneth Boe, and the meeting was adjourned at 2:14 p.m.