

Clipper® Executive Board

June 26, 2023

Agenda Item 4a

Clipper® Schedule, Implementation, and Deployment Update

Subject:

Update on key developments related to the implementation of the current and Next Generation Clipper System (C2)

Background:

Next Generation Project Schedule

Our current schedule (see top of Attachment A) shows the work remaining in two workstreams:

- Equipment Installation, and
- Account-based System Implementation, which consists of System Testing (shown in light-blue, as this is non-customer facing), a pre-Transition pilot test that will include public participants, and concluding with transition of all customers to the new Account-based system and breaking out the Account-based System Testing, Transition Pilot Test, and Customer Transition.

Included as Attachment B are slides providing a more detailed breakdown of these two workstreams. Per the request of Clipper Executive Board (“CEB”) members in the May 22, 2023 meeting, MTC staff will present and discuss these slides with CEB at the June 26, 2023 meeting.

Cubic’s schedule submitted in May is consistent with Attachment A. MTC has approved the submitted schedule and directed Cubic to proceed according to that schedule pending execution of a future Change Order to true up the milestone dates in the contract. Based on our assessment of the remaining work, we are projecting that on-board equipment installation will be complete at the end of 2023 and that Customer Transition will start in the summer of 2024. This date is when we expect to have the new Clipper back-office system fully operational, all new equipment installed across 22 transit agencies in the Bay Area, and ancillary equipment such as handheld fare inspection devices and retail sales devices ready for operations. MTC is currently reviewing Cubic’s June schedule submittal for discussion in July.

Next Generation Schedule Risk

Risk assessment, mitigation and management are critical to project success. The project team reviews the risks to C2 each month and staff will list the top/key risks based on our current assessment in this section each month to keep the Board apprised of:

- Completion of all of business rules updates to support the Fare Integration Task Force modifications allowing for end-to-end testing of the entire system with all new transfer rules prior to Customer Transition.
- Completion of all hardware installation at all locations, including installation projects by transit operators (e.g., BART network deployment and new fare gate procurement.)
- Coordination of the various project components and the timing to “land on a dime” with multiple contractors for the various parts of the system. (e.g. working with the customer service and fare media contractors, transit agency vendors for components like ticket machines and computer-aided dispatch / automatic vehicle location CAD/AVL systems, as well as training transit agency staff.)

Next Generation Implementation

Included as Attachment A to this memorandum is a summary of recently completed activities related to delivering C2, upcoming activities and deliverables for MTC, Cubic Transportation Systems, and the transit operators, and other noteworthy items managed by the project team.

Next Generation Deployment

Clipper reader installations at rail and ferry stations are complete at AC Transit, Caltrain, Golden Gate Ferry, SMART, VTA and WETA; installation for SFMTA (4 stand-alone validators) is expected to be completed in the near future. Onboard Clipper reader installations are completed at Santa Rosa CityBus and Petaluma Transit with a handful of buses remaining to be installed at SamTrans, Napa, Soltrans and LAVTA. Fleetwide installs at VTA are ongoing with County Connection and TriDelta expected to start soon. SFMTA is 73% complete. Clipper retail sales devices are being replaced with their Next Generation counterparts at Bay Area Walgreens, Whole Foods, and local retailers. Included as Attachment C to this memorandum is a presentation showing recent pictures of Next Generation Clipper device installations.

Issues:

None identified.

Recommendations:

Information

Attachments:

- Attachment A: Next Generation Clipper Program Executive Summary Status Report
- Attachment B: Next Generation Clipper Workstream Schedule Details
- Attachment C: Clipper Next Generation Equipment Pilot Installation Pictures



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