

Clipper[®] Next Generation Fare Collection Update SFMTA Board of Directors

June 24, 2014

The Clipper[®] card allows seamless travel between all of the major Bay Area transit agencies



- Clipper is available on the 8 largest Bay Area transit systems:
 - Available to 95% of all riders
 - 1.4 million active cards
 - Processing \$35M/month
- Milestone Eclipsed! Clipper processed over 20 million fee-generating transactions in the months of April and May 2014!
- Expansion underway:
 - Napa/Solano bus operators in 2014
 - East Bay suburban bus operators by 2015
 - Sonoma Co. bus operators by 2016
 - SMART will be Clipper-only









Clipper[®] Expansion: Phase 3 Operators





Clipper[®] Program History



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Fare collection has undergone significant changes over the last 30 years

| | | | Chicago, NY, SF, DC | LA, SF, DC, ATL, Chicago, Boston, SD | Utah, Chicago SEPTA* Portland* DC* | SF* NY* | |
|-------|---------------------------------|---------|---------------------------|---|--|------------|--------|
| Goals | Collect Onboard Reduce Dwell | | Electronic Reduce Cash | RegionalConvenienceReduce FraudReduce Costs | | | |
| | | | | | | | \neg |
| Tech | Tokens | Farebox | Magnetics | Smart Cards | Open/Mobile Pa | ayments | |
| | | | | | | | |
| | 1 940 | 1950 | ∎ 1990 | 2000 | 2013 | 3 | |



* In development



New Payment Options are Emerging

Payment brands and technology providers are beginning to utilize contactless technology





Retailers and transit agencies are deploying apps to enable instant purchases over the air



Mobile Payment Use Cases



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Smart Card Program Landscape – North America

CONTACTLESS TRANSIT FARE PAYMENT SYSTEMS





Planning for the Next-Generation Clipper® System

- Contract with Cubic ends in November 2019
- System limitations
 - System architecture is from the late 90s
 - Device components approaching end-of-life
 - Complex regional policies limit flexibility
 - Layering in new technologies to integrate with the existing Clipper[®] system would likely be expensive and risky
- Preparing for new procurement
 - Executive, Steering and Long-Range Committees meeting regularly
 - Work on vision for new system, concept of operations, and fare simplification underway







C2 Schedule – Taking the Time to Do it Right



