



SFMTA

Rubber Tire Mid-Life Overhaul Program



Transit

August 2022

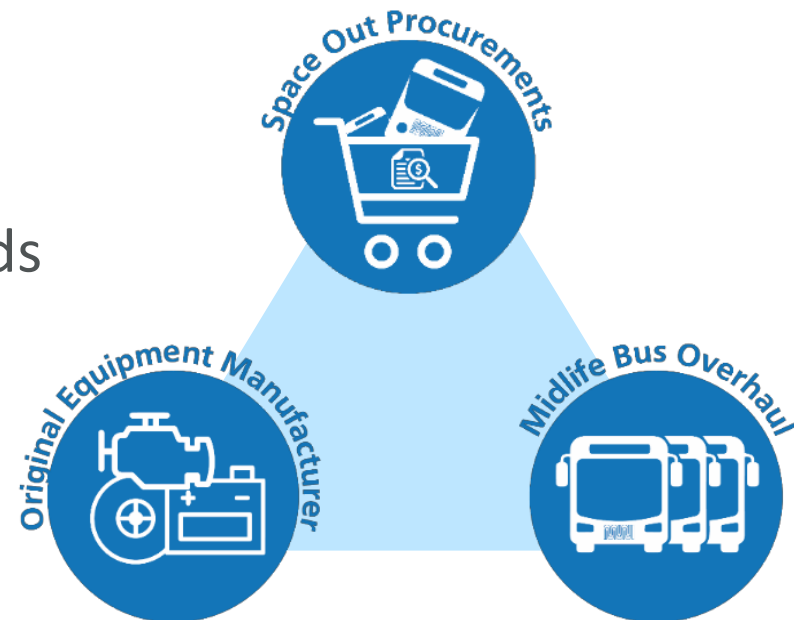


Fleet Management Plan

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Guiding Principles

- Maintain consistent fleet average age
- Performance-based procurements
- Develop robust maintenance standards
- Align with City's sustainability goals
- Anticipate and accommodate growth
- Maintain a spare ratio of 20%

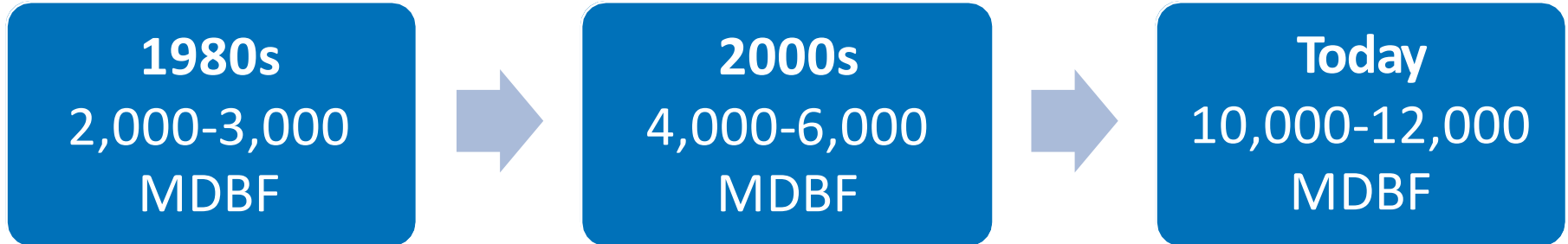


Improved Reliability = Better Service



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Over the past 30 years fleet reliability has improved significantly



Mean Distance Between Failures (MDBF) is the industry-standard measurement of vehicle reliability. MDBF tracks how long a vehicle travels before an in-service failure

Maintenance - Our Primary Charge



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Keeping quality service on the streets requires both regular daily maintenance as well as midlife overhauls

Outstanding maintenance team is essential to Muni!





Rubber Tire Coach Lifecycle

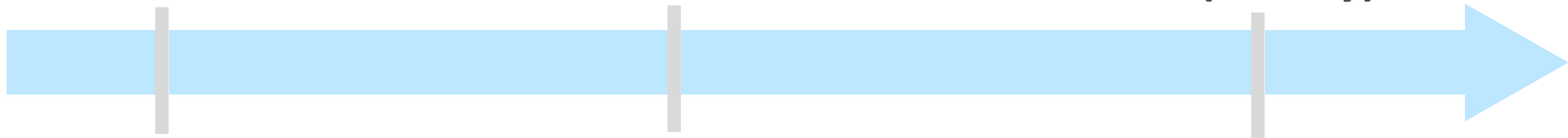
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Vehicle age

0

6 to 8

12 (Hybrid)
15 (Trolley)



**Vehicle
purchase**

Mid-Life

Retirement

Introduce new fleet to
meet service needs

Reinvest in critical
subsystems

Replace to maintain
state of good repair

Mid-Life Overhaul Program Overview



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- Transportation Authority Board Prop K funding agreement requires SFMTA to complete a mid-life overhaul program
- Overhaul program will be conducted in groups based on vehicle age and configuration
- Phase 1 split into two parts due to COVID and initial RFP lacking responsive bids



Mid-Life Overhaul Program Phase 1



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First group (112 40ft coaches purchased in 2013)

- SFMTA Maintenance performs in-house overhaul work
- Repower of the propulsion systems and replace Automatic Passenger Counter (APC)
- Started in Aug 2021, estimated completion mid of 2023

Second group (219 40ft & 60ft coaches purchased in 2015-2016)

- Revised and re-balanced work scope based on industry feedback
- Issued NTP to the prime contractor Complete Coach Works
- Overhaul major vehicle systems



Contractor Selection

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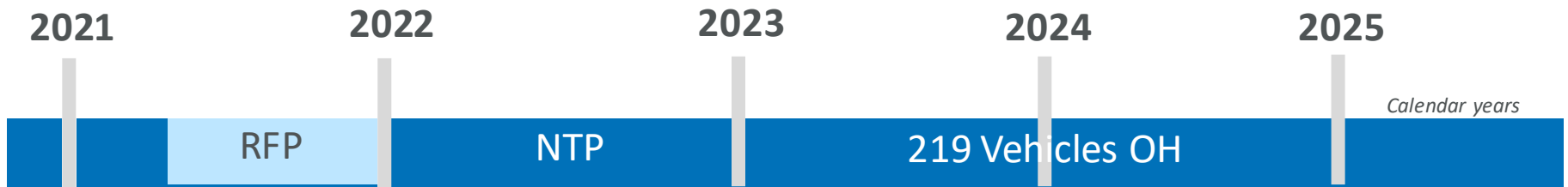
- June 16, 2021, issued a Request for Proposals (RFP)
- September 30, 2021, SFMTA received one responsive proposal - Complete Coach Works (CCW)
- Reviewed proposal and negotiated with CCW
- CCW (Riverside, CA) specializes in overhaul work, has 35 years of experience, and has worked with SFMTA previously





Mid-Life Overhaul Schedule

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- Obtain approval from SFMTA Board and BOS
- Issue Notice-To-Proceed (NTP) in July of 2022
- 40 days per vehicle
- 15-20 vehicles in overhaul process at a time
- 8-12 vehicles completed per month
- Completion date for all 219 vehicles by mid 2025
- Dispatch pilots in August 2022

Budget & Finance Committee Action



SFMTA

Requesting approval for SFMTA to enter into a Contract with CCW in the amount of \$101,659,122.25 to overhaul 219 coaches (40ft and 60ft Hybrid Electric Coaches and 60ft Electric Trolley Coaches)



Thank You

