

# ADVANCED TECHNOLOGY VEHICLE CONSORTIUM

Los Angeles County Metropolitan Transportation Authority  
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## Board of Directors:

**Yvonne Brathwaite-Burke**  
*MTA Board Member and  
Supervisor, Second District  
Los Angeles County*

**Michael D. Antonovich**  
*MTA Board Member and  
Supervisor, Fifth District  
Los Angeles County and  
Governing Board  
S.C.A.Q.M.D.*

**Beatrice LaPisto-Kirtley**  
*Councilmember City of Bradbury  
and Governing Board  
S.C.A.Q.M.D.*

**James K. Hahn**  
*MTA Board 1st Vice Chair and  
Mayor City of Los Angeles*

**John Fasana**  
*MTA Board Chair and  
Councilmember City of Duarte*

**Frank C. Roberts**  
*MTA Board Member and  
Mayor City of Lancaster*

## Alternates:

**Michael Bohlke**  
*Assistant Chief Deputy  
Second District  
Los Angeles County*

**Rosa Fuquay**  
*Deputy  
Fifth District  
Los Angeles County*

**Dr. S. Roy Wilson**  
*Supervisor, Fourth District  
Riverside County and  
Governing Board  
S.C.A.Q.M.D.*

## President:

**John B. Catoe, Jr.**  
*Deputy Chief Executive Officer,  
MTA*

Cynthia Gibson  
Executive Vice President

## MINUTES

### REGULAR BOARD MEETING BOARD OF DIRECTORS

MTA Headquarters  
3rd Floor - Board Room  
One Gateway Plaza, Los Angeles

Thursday, March 18, 2004 - 2:00 p.m.

## Directors/Alternates Present:

Michael Bohlke, Chair  
Rosa Fuquay  
Todd McIntyre  
John Fasana  
Frank Roberts  
Samantha Bricker

President – John B. Catoe, Jr.  
Chief Financial Officer - Josie Nicasio

1. APPROVED **minutes** of Board Meeting held July 10, 2003.
  
2. RECEIVED AND FILED
  - a. Oral Status Update on **2007 and 2010 CARB Emission Regulations**
  
  - b. RECOMMENDED that the MTA Board Incorporate Advanced Trolley-Buses into Long Range Transit Plans

Mr. Catoe stated that the Chair of the Operations Committee has requested reports on the actions of the ATVC. He will add a segment to his future DCEO reports.

Responding to a question from Rosa Fuquay, regarding of what has changed about the electric trolley since it was before the LACTC years ago, Dr. Arieli stated that it is now solid state, has a life expectancy of 25-30 years instead of 15 and the design of the catenary wires is different.

Samantha Bricker asked what kind of plan will come to the Board. John Catoe responded that this is one of the vehicles being evaluated for the zero emissions requirements, as fuel cells will not be available by 2010.

Mr. Catoe will report to the Operations Committee within 60 days explaining why this technology is being considered, FY07 and 10 air quality requirements what technologies currently exist that could meet them and where they might be deployed

3. APPROVED:
  - A. a finding that procurement under Public Utilities Code §130232 does not constitute a suitable procurement method adequate to meet ATVC's goals, and that the procurement of the prototype equipment (hybrid transit vehicles) qualifies under Public Utilities Code (PUC) §130236; and

- B. authorized the President of ATVC to solicit single sole source proposals and execute contract(s) **for advanced-technology, high-capacity, alternate-fuel, hybrid-electric buses** that are compliant with proposed 2007 and/or 2010 emission regulations to PUC §130236 and MTA's Procurement Policies and Procedures.

Samantha Bricker said she thought the plan was to piggyback on Long Beach Transit's procurement.

John Catoe replied that might be a possibility, but they are not purchasing alternative fuels; so everything else would be the same with the exception of the engine.

CNG does not meet the 2007 standard. The hybrid is the only one that will. The intent is to test it and become familiar with the maintenance. The infrastructure will not be in place by 2007 to accommodate the hybrid trolley bus.

Todd McIntyre asked if the CARB ruling applied only to buses.

Staff responded that the ruling applies to hybrid vehicles using gasoline as the primary fuel.

MTA purchased these vehicles with Long Beach as a model. APTA asked MTA to take the lead in developing the first hybrid specification, which will then go to the MTA Board for ratification.

4. AWARDED two-year contract through February 2006, at a cost not to exceed \$200,000 per year, to Dr. Adi Arieli to **provide technical advisory services in support of the Advanced Transit Vehicle Consortium (ATVC)**.

The Fuel Cell Bus Consortium awarded a previous 4-year contract to Dr. Arieli. The 45-ft. Compo and 60-ft. Artics are outgrowths of that program.

The current contract was competitively bid and Dr. Arielli was selected by the committee.

5. RECEIVED AND FILED - Status Update on **MTA Bus Procurements** for High Capacity Vehicles

The MTA has the most far-reaching Advanced Vehicle Technology program in the nation.

Some of the challenges are: ways to leverage capital dollars to reduce future operating dollars; enhanced vehicle styling for passenger appeal; improved performance and reliability; and achieving ultra low and zero emission vehicles.

6. APPOINTED **Richard Hunt as Executive Vice President** of ATVC.

7. PUBLIC COMMENT - None

Prepared by: Christina Lumba-Gamboa  
Recording Secretary

Michele Jackson  
Board Secretary