



FEBRUARY 8, 2002

Metropolitan
Transportation
Authority

One Gateway Plaza
Los Angeles, CA
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TO: BOARD OF DIRECTORS

THROUGH: ROGER SNOBLE
CHIEF EXECUTIVE OFFICER

FROM: JOHN CATOE
DEPUTY CHIEF EXECUTIVE OFFICER

SUBJECT: BUS PROCUREMENT STATUS REPORT

ISSUE

In January 1999, the Operations Committee requested a monthly status report on our bus procurements and assignments. In January 2001, this report was changed to a quarterly "Board Box" status report.

DISCUSSION

The MTA placed ten buses into MTA operated service during the last quarter (October 1 – December 31, 2001). As of January 1, 2002, CNG fueled buses comprised 68% of the MTA's active bus fleet (1,570 CNG buses in total).

- **NABI** (North American Bus Industry) completed delivery of the last ten option buses under contract DR4202. In total, NABI has now delivered to MTA all 430 buses under this contract, all of which are now in revenue service. To date, MTA has had very good operating experience with these low floor CNG buses.
- **NABI** has started delivery of 370 buses under contract OP33200634. Through January 1, 2002, NABI had shipped a total of 56 buses to their facility in Upland, CA. A total of 12 new NABI buses have been accepted, but none have been released for revenue service. In October 2001, the MTA authorized NABI to build 20 of the buses in this contract using a lightweight composite structure. Delivery of these 20 "Compo-Buses" is expected later this year. These lightweight buses are expected to be approximately 5,000 pounds lighter than conventional transit buses, and this is expected to reduce brake wear and improve fuel economy.
- **30 Bus RFP** – In a separate January Board Report, staff has recommended awarding a \$12.7 million contract for 30 lightweight, high capacity buses to

NABI. NABI's proposed 45-foot bus uses an advanced, lightweight composite shell with a streamlined aerodynamic design. Unlike other proposals, NABI's "Compo" bus is designed around conventional CNG technology that is currently in use at the MTA.

Prepared by: Michael Bottone
Director of Vehicle Acquisitions

ATTACHMENTS

- Attachment 1:** Summary of Bus Delivery Schedule
- Attachment 2:** Summary of New Bus Assignments
- Attachment 3:** Status Report for each Bus Procurement

Delivery Schedule Summary

As of January 1, 2002	294 Bus* Neoplan Order (carried over from FY97)	250 Neoplan (Base)	New Flyer "Las Vegas" Buses	Neoplan (50 Bus Option)	Neoplan (100 Bus Option)	New Flyer (Base)	NABI (Base)	New Flyer (Option)	Nabi Option	NABI - 370 Contract	Additional Buses to be bought by MTA Contractors**	"High Capacity Bus Buy	Additional Buses Req'd (through FY04)	Total New Buses (Through FY04)
Total Buses In Contract	37	250	20	50	100	223	215	223	215	370	115	30	247	2095
Technology	High Floor CNG	High Floor CNG	Low Floor Diesel	High Floor CNG	High Floor CNG	High Floor CNG	Low Floor CNG	Low Floor CNG	Low Floor CNG	Low Floor CNG	Diesel	45' Low Floor CNG	Low Floor	
Final Bus Delivery Date(per Contract)	Sep-97	Sep-98	Sep-98	Dec-98	Jul-99	Dec-99	Oct-01	Dec-00	Jun-01	Jun-02	Jun-00	Jun-03	Jun-04	
Proposed Delivery Date(Current Schedule)	Sep-97	Sep-98	Sep-98	Dec-98	Jul-99	Mar-00	Jul-00	Jan-01	Jun-01	Jun-02	Jun-00	Oct-02	Jun-04	
Summary - Deliveries/Acceptances														
Total Scheduled Deliveries(Thru Jan 1, '02)	37	250	20	50	100	223	215	223	215	84	115	0	0	1532
Actual Buses Accepted(Thru Jan 1, '02)	37	250	20	50	100	223	215	223	215	57	115	0	0	1505
New Buses In Revenue Service	37	250	20	50	100	223	215	223	215	0	115	0	0	1448
Buses Remaining in Contract(s)	0	0	0	0	0	0	0	0	0	370	0	30	247	944
Percentage Completion	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	100.00%	0.00%	0.00%	69.12%

Status of Accelerated Bus Procurement Plan		Neoplan	New Flyer	NABI 215 Bus Buy	NABI 370 Bus Buy	Contractor Buses	Total
New Buses In Revenue Service	1448	437	466	430		115	1448
Buses remaining in contracts	370				370		370
Option Buses Available (NABI)	700			700			700
Total Buses Available (FY98-FY04)	2518	437	466	430	1070	128	2518

* 37 Buses from the original 294 Bus Neoplan Contract were delivered & accepted in FY98. These buses were included as part of the Accelerated Bus Procurement Plan. There were a total of 257 Neoplan CNG buses delivered to the MTA in FY96 and FY97, so new bus deliveries from FY96 - FY04 total 2649 (257+2095+297).
 ** MTA Contracted Service Providers have entered into lease agreements to acquire a total of 115 buses for MTA contract service.

Bus Assignment Plan & Status

Assignments as of January 1, 2002	Total Buses on Order	Buses Delivered*	Buses "Accepted" and put in service*	Div 1	Div 2	Div 3	Div 5	Div 6	Div 7	Div 8	Div 9	Div 10	Div 15	Div 18	Contractor Buses	Special Assignment (Training)
				Downtown	Downtown	Cypress Park	South Central	Venice	West Hollywood	Chatsworth	El Monte	Downtown	Sun Valley	Torrance		
New Buses (Buses Ordered under Accelerated Plan)																
Neoplan (FY96 Procurement Contract)	37	37	37											37		
Neoplan	400	400	400			100						130		170		
New Flyer (Las Vegas Buses)	20	20	20				2	18								
New Flyer (Base)*	223	223	223			51	172									
NABI	215	215	215						188	27						
New Flyer (Low Floor Option)	223	223	223	45			41					137				
NABI (Option)	215	215	215	131					68	16						
NABI Contract #2 Delivery by 2002	370	57	0													
NABI #2 Option Buses (Up to 700 Buses through FY04)	700	0	0													
High Capacity Buses	30	0	0													
Contractor Buses	115	115	115												115	
Total New Buses	2548	1505	1448	176	0	151	215	18	256	43	0	267	0	207	115	0

PROJECT # 200004 (As of January 1, 2002)
NABI 370 BUS PROCUREMENT

Project Description

In May 2000, the MTA Board authorized a new **Base Order** contract for 370 NABI low floor buses. This contract includes options for up to 700 additional buses.

A total of 700 option buses were included with this order. To date, none of these option buses have been exercised.

Even though the bus NABI is building for this contract is very similar, this is a new contract from earlier contracts for 430 NABI buses that completed delivery.

Project Delivery Status:

Base Order

Month	Schedule	Delivered
09/01	1	1
10/01		
11/01	41	0
12/01	42	56
1/02	45	
2/02	48	
3/02	45	
4/02	45	
5/02	60	
6/02	41	
7/02		
8/02		
9/02		
Total	370	57

Contract Status:

- Production in Budapest started in August 2001. Final assembly started in Anniston, Alabama, on October 3, 2001. NABI started delivering buses to Los Angeles in late November for this order.
- Through January 1, 2002, 56 buses had been shipped from Anniston, and 12 buses have been accepted by MTA.
- The first five buses in this order were released for revenue service on Jan 4, 2002.

Current Issues:

- MTA Board approved 20 of these buses to be built using lightweight composite (fiberglass) vehicle structures. This change will reduce vehicle weight 20%, which will improve fuel economy and brake life, and will also reduce corrosion.
- These composite buses are expected to arrive at MTA in late Spring 2002.

PROJECT # 200004 (As of January 1, 2002)
NABI 430 BUS PROCUREMENT

Project Description

Competitive Procurement of the **Base Order** for 215 Low Floor CNG buses was approved by BOD in October 1998. NABI is manufacturing bus frames in Budapest, Hungary, and then finishing final assembly of these buses in Anniston, Alabama. Production on this order started in October 1999, and has been completed.

In February 2000, the MTA exercised an **Option** for an additional 215 buses. The contract for these buses calls for delivery of all option buses by June 30, 2001.

In May 2000, the MTA Board authorized a new **Base Order** contract for 370 NABI low floor buses. This contract includes options for up to 700 additional buses.

Project Delivery Status:

Base Order

Month	Schedule	Delivered
2/00	30	0
3/00	40	0
4/00	40	15
5/00	40	49
6/00	40	36
7/00	25	12
8/00	0	67
9/00	0	33
10/00	0	1
11/00	0	2
12/00	0	1
Total	215	215

Option Order

Month	Schedule	Delivered
1/01	30	0
2/01	40	0
3/01	40	0
4/01	40	11
5/01	40	14
6/01	25	55
7/01		48
8/01		46
9/01		41
10/01		
11/01		2
Total		215

Contract Status:

- All 430 NABI buses from this contract have been delivered and put into revenue service.
- Contract close-out activities are underway

Current Issues:

- Detroit Diesel continues to campaign all NABI and New Flyer buses to upgrade engine, fuel and exhaust system components. This campaign is likely to be on-going for several months.