



Los Angeles County  
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Transportation  
Authority  
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February 22, 1999

**TO: BOARD OF DIRECTORS**  
**FROM: MICHAEL O'CONNOR**  
**EXECUTIVE OFFICER - PROCUREMENT**  
**RE: STATUS REPORT ON BUS PROCUREMENTS**

### BACKGROUND

At the January 1999 Board Meeting, the Operations Committee requested staff to report to the committee on a monthly basis the status of our bus procurements and assignments.

### BUS PROCUREMENT STATUS UPDATE

The MTA currently has three active bus procurement contracts. Specific order status by manufacturer is as follows:

- **Neoplan** of America has shipped 297 of the 400 buses under contract, with the remaining 103 buses in the order scheduled to resume deliveries by late February 1999. Neoplan is currently on-schedule to complete this order by July 1999.
- **New Flyer** will finish production of the "First Article" bus in Crookston, MN. The remaining 222 buses in their base order contract for 223 high floor buses are on-schedule for delivery between July and December 1999. The recently exercised option contract for 223 additional low floor New Flyer buses is on-schedule for delivery between July and December 2000.
- **NABI** will finish work on their "First Article" bus later this Spring, and this bus should be shipped to Los Angeles in June 1999. The remaining 214 low floor buses are on-schedule for delivery between December 1999 and May of 2000.
- **Detroit Diesel Corporation (DDC)** has completed the conversion of 61 ethanol buses to diesel. Seventeen buses were converted in January. Problems obtaining specialized fuel injectors for this program will prevent DDC from further accelerating the conversion program schedule beyond 15-



## Delivery Schedule Summary

	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 (Not exercised)	Future Bus Buys (through FY04)	Total New Buses (Through FY04)	Ethanol Conversion
<b>Total Buses in Contract</b>	37	250	20	50	100	223	215	223	215	762	2095	324
<b>Technology</b>	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		High Floor Diesel
<b>Final Bus Delivery Date</b> (per Contract)	Sep-97	Sep-98	Sep-98	Dec-98	Jul-99	Dec-99	Oct-01	Dec-00	Oct-02	Jun-04		Jun-00
<b>Proposed Delivery Date</b> (Current Schedule)	Sep-97	Sep-98	Sep-98	Dec-98	Jul-99	Dec-99	May-00	Dec-00	Oct-02	Jun-04		
<b>Summary - Deliveries/Acceptances</b>												
<b>Total Scheduled Deliveries</b> (Thru Jan '99)	37	250	20	50	0	0	0	0	0	0	357	75
<b>Actual Buses Accepted</b> (Thru Jan '99)	37	250	20	47	0	0	0	0	0	0	354	61
<b>Total Buses In Service</b>	37	250	20	47	0	0	0	0	0	0	354	61
<b>Buses Remaining in Contract</b>	0	0	0	3	100	223	215	223	215	0	979	263
<b>Percentage Completion</b>	100.00%	100.00%	100.00%	94.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.90%	18.83%

<b>Status of Accelerated Bus Procurement Plan</b>	
Buses in Revenue Service	<b>354</b>
Buses "Under Contract"	<b>764</b>
Option Buses Available	<b>215</b>
Remaining Buses in Procurement Plan (Through FY04)	<b>762</b>
<b>Total Buses in Plan</b>	<b>2095</b>

\* 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 will total 2352.

### New Bus Deliv Schedule

Month	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 (Not exercised)	Future Bus Buys (through FY04)	Total	Ethanol Conversion
Buses in Contract	37	250	20	50	100	223	215	223	215	762	2095	
Delivered to Date	37	250	20	47	0	0	0	0	0	0	354	44
Jan-99												17
Feb-99												15
Mar-99					25	1						15
Apr-99					25							15
May-99					25							15
Jun-99					25							15
Jul-99							1					15
Aug-99						45						15
Sep-99						45						15
Oct-99						45						15
Nov-99						45						15
Dec-99						42	9					15
Jan-00							45					15
Feb-00							45					15
Mar-00							45	1				15
Apr-00							45					15
May-00							25					15
Jun-00												15
Jul-00												8
Aug-00								45				
Sep-00								45				
Oct-00								45				
Nov-00								45				
Dec-00								42				
<b>Total</b>	<b>37</b>	<b>250</b>	<b>20</b>	<b>47</b>	<b>100</b>	<b>223</b>	<b>215</b>	<b>223</b>	<b>0</b>	<b>0</b>	<b>354</b>	<b>324</b>

\* 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 will total 2352.

## New Bus Assignments

	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
				Downtown	Downtown	Cypress Park	South Central	Venice	West Hollywood	Chatsworth	El Monte	Downtown	Sun Valley	Torrance
<b><u>New Bus Assignments</u></b>														
Neoplan (FY96 Procurement Contract)	37	37	37									37		
Neoplan	400	297	297		Proposed							200		97
New Flyer (Las Vegas)	20	20	20				20							
New Flyer (Base)	223	0	0		Proposed		Proposed							
NABI	215	0	0				Proposed		Proposed					
New Flyer (Option)	223	0	0	(Division Assignments to be determined)										
New Bus Buys (977 Buses through FY04)	0	0	0	(Division Assignments to be determined)										
<b>Total New Buses</b>	<b>1081</b>	<b>317</b>	<b>317</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>237</b>	<b>0</b>	<b>97</b>
<b>Ethanol Conversion</b>	<b>324</b>	<b>61</b>	<b>61</b>	<b>7</b>	<b>12</b>	<b>4</b>	<b>27</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>

**PROJECT # 200004**  
**NEOPLAN 100 BUS PROCUREMENT**

**Project Description**

This contract option for 100 additional Neoplan buses was exercised in December 1998. Neoplan is currently assembling the first buses for this order in Lamar, CO. Production will continue until completion of these 100 buses. Unlike previous Neoplan buses, these buses will include Detroit Diesel Series 50g engines, and these buses will also include certain "Smart Bus" components (e.g. engine diagnostics, security packages, provision for future AVA systems).

**Project Delivery Status:**

Month	Schedule	Delivered
3/99	25	0
4/99	25	0
5/99	25	0
6/99	25	0
<b>Total</b>	<b>100</b>	<b>0</b>

**Contract Status:**

- Neoplan reports overall schedule on time; all buses are on schedule to be delivered to MTA by late June/early July 1999.
- Operations and Procurement Staff met with Neoplan in their Lamar production facility in early February to discuss contractual issues. The majority of outstanding warranty issues with Neoplan buses are being resolved.
- The first buses from this contact will begin arriving at the MTA in early March, and should be put into revenue service shortly thereafter (it takes approximately 8-10 days to prepare a bus for revenue service).

**Current Issues:**

- Continued monitoring of quality assurance issues throughout the production process.
- Due to production timing, a few buses (10-15) may not be accepted prior to the end of June 1999. However, there should not be any overlap with New Flyer bus deliveries which are scheduled to begin in late July/early August 1999.

**PROJECT # 200004**  
**NEW FLYER 446 BUS PROCUREMENT**

**Project Description**

Competitive Procurement of the 223 High Floor CNG buses was approved by BOD in October 1997. New Flyer will manufacture in Winnipeg, BC, and assemble these buses in Crookston, MN. The pre-production bus is scheduled for delivery to MTA in March 1999. Production of the remaining 222 buses begins in May 1999. Buses will include Detroit Diesel Series 50g engines, certain "Smart Bus" components (e.g. engine diagnostics, security packages, provision for future AVA systems).

An option for an additional 223 New Flyer Low Floor buses has also been exercised by the MTA. These buses will be delivered in FY01.

**Project Delivery Status:**

**Base Order**

Month	Schedule	Delivered
3/99	1	0
8/99	45	0
9/99	45	0
10/99	45	0
11/99	45	0
12/99	42	0
<b>Sub-Total</b>	<b>223</b>	<b>0</b>

**Option Order:**

Month	Schedule	Delivered
2/00	1	0
8/00	45	0
9/00	45	0
10/00	45	0
11/00	45	0
12/00	42	0
<b>Sub-Total</b>	<b>223</b>	<b>0</b>

**Contract Status:**

- New Flyer reports overall schedule on time; all buses are on schedule to be delivered to MTA by January 2000.
- Operations and Procurement Staff met with New Flyer at their Winnipeg production facility in early February to discuss contractual issues.
- In December 1998, the MTA exercised a contract option for 223 additional New Flyer buses in a low floor configuration. These buses are scheduled for delivery by December 2000.

**Current Issues:**

- Continued monitoring of quality assurance issues, pre-production bus manufacturing.

**PROJECT # 200004**  
**NABI 215 BUS PROCUREMENT**

**Project Description**

Competitive Procurement of the 215 Low Floor CNG buses was approved by BOD in October 1998. NABI will manufacture in Budapest, Hungary, and conduct final assembly of these buses in Anniston, Alabama. Pre-production bus is scheduled for delivery to MTA in June 1999. Production of the remaining 214 buses begins in September 1999. Buses will include Detroit Diesel Series 50g engines, and certain "Smart Bus" components (e.g. engine diagnostics, security packages, provision for future AVA systems).

**Project Delivery Status:**

Month	Schedule	Delivered
6/99	1	0
12/99	9	0
1/00	45	0
2/00	45	0
3/00	45	0
4/00	45	0
5/00	25	
<b>Total</b>	<b>215</b>	<b>0</b>

**Contract Status:**

- NABI reports overall schedule on time; all buses are on schedule to be delivered to MTA by May 2000.
- In January/February, staff have been on-site at NABI inspecting the assembly of the first pre-production bus.
- Operations and Procurement Staff has been conducting a series of meetings with NABI to ensure that NABI meets all the technical requirements for these buses.

**Current Issues:**

- Continued monitoring of quality assurance issues.
- An option for an additional 215 buses is still available, but this option will expire in October 1999.