

Summary from “Users” 1/24/2007 Meeting

- None of the four sites are uniform in applying live GPS.
- Nash, Forsyth, and Beaufort use Everyday Wireless for hardware, Rutherford uses Edulog.
- Nash, Forsyth, and Beaufort use radio while Rutherford applies cellular technology to send data from bus to transportation office.
- Nash and Rutherford use Edulog Edutracker for complete integration with Edulog NT routing software. Forsyth uses Bus locator for partial integration. Beaufort uses Everyday Wireless avl software with no integration.

Issues Reported by Users



1/24/2007

- Hardware Related
 - Reported failures in avl units (Nash, Forsyth, and Rutherford)
 - Excessive time in getting repairs completed (Nash, Forsyth, and Rutherford)
 - Wiring for new IC and Thomas buses with multiplexing not considered (Nash, Forsyth)
- Software Related
 - Reports not generating (Forsyth)
 - AVL data not being pulled into integrated software (Rutherford)
 - Upgrades not occurring (Forsyth)
 - When upgrades are completed not all new features are outlined to users (Nash, Rutherford)

Nash-Rocky Mount Status Today

- Hardware failures have subsided.
 - Currently have 34 units out for repair. No new failures in last three weeks. All repairs scheduled to be sent back March 5, 2007.
 - Nightly report from EW has been a plus.
- Hardware repair time has decreased.
 - Beginning March 1, 2006 EW goal is two weeks for repair time.
 - EW has identified vehicle and transmitter surges as areas to improve for reduced failures.

Current Nash Status Continued

- Edutracker software has been upgraded to latest version.
 - Main improvements include:
 - New AVL view (no integration with Edulog NT data). In addition to live planning and historical views that already existed.
 - More accurate real time/planned graphic overlay on geocode. Display is also improved for real time and planned data. 
 - GPS “cookie” ID with date, time stamp, address, speed, and condition events. 
 - Additional emergency events for excessive speed and emergency exit(s).
 - Map legend key that identifies various symbols.
 - Stops are highlighted on map when selected from stop summary tab.

Current Nash Status Continued

- Edutracker software has been upgraded to latest version.
 - New features include:
 - Vehicle finder – where you can see what buses traveled in a specified area during any given time.
[Vehicle Finder](#)
 - Run editor – separate module used to write gps data back into Edulog NT overwriting planned data for runs and stops. Training for this will be scheduled after Tymposium.

Current Beaufort Status

- No issues have been reported that are affecting service.

Current Rutherford Status

- Edutracker has been upgraded to latest version.
 - New features are the same as Nash
- Hardware has been inspected by an engineer. All units are transmitting.
- Areas still to improve
 - Ignition events
 - Rear door events
 - Service door events

Current Forsyth Status

- AVL Hardware
 - 120 avl units have been removed from buses since August 2006 for either repair or firmware upgrades.
 - Of the 120 units 27 are currently at EW for repair. 10 additional units will be sent in for repair.
 - One base tower isn't transmitting. EW is scheduled to review the issue tomorrow.
- Computer Hardware
 - In process of configuring one server for Edulog NT and one for Edutracker (once upgraded).
- Integrated Software
 - Waiting for an upgrade of Edulog NT from 10.1 to 10.5. Waiting to be upgraded from old Bus Locator to Edutracker.
 - Edulog is prepared to upgrade Edutracker when agreed time is set with Forsyth.

Wiring AVL Units on New Buses

- New IC and Thomas C2 buses have multiplex systems
 - All 2006 IC buses have been wired for EW hardware in Nash.
- Thomas C2 can be equipped with a universal GPS harness.
 - GPS harness costs \$370, labor to install \$250, price good for all LEA's.
 - Carolina Thomas is installing this harness in all C2 buses being delivered to Nash.
 - EW is designing an adaptor that will fit into the C2 harness. Anticipated to be ready in a few weeks.
- DPI has been requested to add universal GPS harness to new bus specs in 2007.

Thank You!

NRMP5 fleet (GPS only) LivePlanning1

Vehicles, sorted by BusNumber, Ascending

BusNumber	Location	Condition	Speed	Mileage	Heading	TStamp
317	En route	On Time	0	0	--	4:02:3...
318	Garage	On Time	0	0	--	
319	School	On Time	0	0	--	
320	School	On Time	0	0	--	
321	Garage	On Time	0	0	--	
322	School	On Time	0	0	--	
323	En route	On Time	6	46.2	--	
324	School	Late	0	0	--	
325	School	Late	0	0	--	
326	School	Early	0	0	--	
327	School	On Time	0	0	--	
328	En route	On Time	3	46.5	--	
329	School	Early	0	0	--	
330	En route	On Time	45	44.6	--	
331	School	Early	0	0	--	
332	Garage	On Time	0	0	--	

Runs Stops

RunID	StartTime	EndTime	NumStops
346.001	6:28:30 AM	7:07:40 AM	9

Vehicle Finder

Search Constraints

From: 6:00 AM To: 9:00 AM

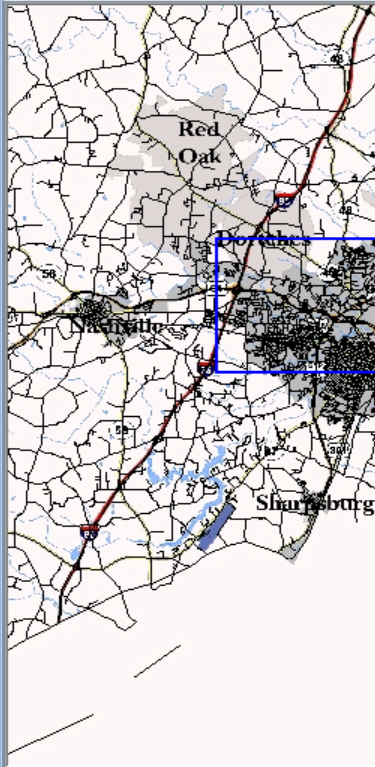
Date: 03/02/2007

Search

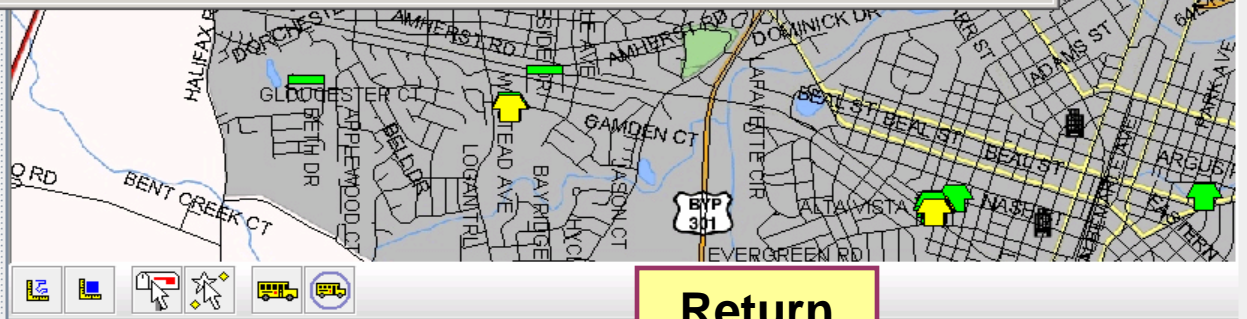
Search Results

BusN...	Locati...	Condit...	Speed	Mileage	Headi...	Status
117	Scho...	On Ti...	0	0	--	Not A...
132	Scho...	On Ti...	0	0	--	Active...
141	Scho...	On Ti...	0	0	--	Active...
1808	En ro...	On Ti...	1	33.5	SE	Active...
191	Scho...	On Ti...	0	0	--	Active...
238	Scho...	Late	0	0	--	Active...
2818	En ro...	Early	0	14.9	ESE	Active...
2819	Scho...	Early	0	0	--	Not A...
2820	Scho...	On Ti...	0	0	--	Active...
303	Scho...	On Ti...	0	0	--	Not A...
308	Scho...	Early	0	0	--	Not A...

Load Close



Java Applet Window



Return