

**EE/CpE 423-424
WEEKLY STATUS REPORT**

Group #	09	Week ending:	10/26/03	Report #	06
Project Title:	GPS Mass Transit Tracker				
Group Leader:	Andrew Zimmer	Advisor:	Prof. McNair		
Sponsor/Client:					
Total number of person-hours spent on project by group during past week:				25	
Is project on schedule?		Yes	[x]	No	[]

<p>Weekly status:</p> <p>Much of this week was spent analyzing the Cyote DataComm CDR-915 Integrator's Guide for our data transmissions. Some of the pertinent information is as follows</p> <ul style="list-style-type: none"> -This transceiver appears to be extremely versatile in its addressing capabilities. Each unit can be assigned a Group number from 1-255 and an individual address from 1-255. -These RF transmissions are sent in the 902-928 MHZ ISM band under part 15.249 of the FCC rules and regulations -Range: CDR-915O = 1500 Ft. ; CDR-915 = 10 Mi ; CDR-195L = 30 Mi <p>Some discussion has also begun about using these transmitters as an Ad-Hoc network. We believe they can handle this through their broadcasting feature. If we were to incorporate our destination in the message signal, it can be determined (through a microprocessor linked to the transceiver) when the signal has reached its final location.</p> <p>We have also spend some time patent hunting this week. The results of which will be discussed at our next meeting.</p>
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Weekly report is due to Senior Design Coordinator by Noon Monday