

## Vehicle Simulator UAT's

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Test No.	Desc. of Task	Steps to Execute	Expected Results
1	Display v-sim menu	Run vsim	A menu welcoming the user to the vsim should load two tables, one with all the vehicles in the database and the other a menu with all the options for the tester
2	Start heartbeat	Enter a vehicle ID into the terminal prompt	Thread should start for that vehicle to send a heartbeat for that vehicle, as receiving a route if it has one. The tester should receive alerts for heartbeats being sent with vehicle ids to distinguish which cars are sending heartbeats
3	Running a route	Start a heartbeat	When a heartbeat is sent, the vehicle is also checking for a dispatch. If one exists, the vehicle will "drive". If not, the vehicle will only send heartbeats.
4	Stop heartbeat.	Enter the vehicle ID of a vehicle currently running.	When the tester enters the vehicle ID, it will alert the user that heartbeats have stopped for the given vehicle
5	Quit Vsim	Enter the command "K"	Terminal should tell the user it's stopping and the program