Team Ford First

Final Results
2004 Winter Event
Hamtramck High School
18 December 2004

General Comments from John, Dave, and Bob:
1. ALL participating teams were energized and full of positive energy.
2. Judges are NOT to be feared. They are totally interested in each team talking about what makes their team or robot "special". Each team should have a list of things that ALL team members have rehearsed and can explain to the judges.
3. When a judge is in the team area, ALL team members should maintain eye contact with the judge and hang on every word. The judge is observing and noticing how the TEAM participates in the discussion with the judge. Every little thing can make the difference when it comes to making the final selection.
4. Congratulations to all teams, and "THANK YOU" for making the day a great success.

Team #	School(s)	Team Name	Final Rank	Comments
123	Hamtramck	Team COSMOS	1	Good use of last years robot. Lots of detail in mechanisms. Added ability to climb the platform. Program Documents adequate. Excellent idea for getting home by heading toward the beacon until crossing a line then follow home.
280	Taylor - Kennedy - Truman	T n T	2	Excellent Program Document. Rookies were mentored by veteran students. Prototype was well built, but weight plan was missing. Program plan included sensor error recovery as part of the first Autonomous plan. Second Auton requires operators to position robot which moves until switch senses the wall.
1250	Henry Ford Academy	The NaviGators	3	Outstanding programming plan documents. Planned use of encoders, beacon, and Banners for Autonomous to determine position and amount of turn.
301	Dearborn	PROBOTS	4	Outstanding programming plan documents. Return home plan is to have robot positioned before the end of the match to be able to drive home until a limit switch hits the wall to stop. Good solid presentation with written documents.
903	Chadsey	Explorobots	5	Simple and effective robot. Team went the extra mile to build a functioning prototype. Simple line tracking Autonomous; same back as going out; dependant on operator getting robot in position near the end.
1508	SouthWest Detroit Alliance of Southwestern, Casa Richard Academy, Holy Redeemer, and Western High Schools	The RoboWizards	6	Complete robot prototype. Robot well thought out and organized. Documented program plan mostly complete on the laptop. Return home requires operators to position robot then follow the walls with "whisker" switches.
557	Cooley	The Cardinals	7	Robot was clearly different than any previous robot. Program plan included "multiplexed joysticks" so that only 2 were required. Thought about retracing steps to get home but rejected due to complexity and short time (10 sec).
440	Redford - Cody	The Alliance	8	Robot Chassis completed; lacking arms and sensors. Autonomous plans are in development. Robot able to climb the platform with a neat design.
313	Wayne Westland	Bionic Zebras	9	Plan to use Beacon as guide for first auton, and somehow to get home. Prototype plans and construction incomplete.