Section

5

THE AWARDS

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5 THE AWARDS

5.1 *FIRST* ROBOTICS COMPETITION AWARDS

This chapter contains descriptions of the *FIRST* Robotics Competition Awards as well as any required submission criteria. Note an asterisk designates a new or "changed" award in the listing. The "Rockwell Automation Innovation in Control" Award was previously known as the RadioShack Innovation in Control Award. Unless otherwise noted all awards are given at both the Regional events and the *FIRST* Championship.

FIRST will hold an Awards Celebration at each Regional and at the Championship presenting these awards.

5.2 THE AUTODESK INVENTOR AWARD (CHAMPIONSHIP ONLY)

5.2.1 Purpose of Award:

This award honors excellence in student mechanical design, coordination, and presentation.

5.2.2 Award Overview

Autodesk wants to honor those young inventors and engineers that make the *FIRST* Robotics Competition possible! Once again we are excited to offer the Autodesk Inventor Award. With Autodesk Inventor we have provided the tool that allows you to design without limits. Now we want to see what you do with this tool. We know that before your team can start building your robot you need to design it. We want to see the exciting journey of how your designs evolved into a real-life robot! Autodesk Inventor allows you to quickly and easily design and modify your robot using the same iterative techniques employed by professional engineers.

From concept through completion, the Autodesk Inventor Award was created to honor those who bring their ideas to reality.

Additional information about this award, along with the specific award criteria, judging process and deadlines will be posted on the Autodesk website: www.autodesk.com/firstbase

5.3 THE AUTODESK VISUALIZATION AWARD

5.3.1 Purpose of Award

This award honors excellence in student animation.

5.3.2 Award Overview

All *FIRST* teams are invited to create a submission for the Autodesk Visualization Award (AVA) using Autodesk **3ds Max**® software. Additional information about this award, along with the specific award criteria, judging process and deadlines will be posted on the Autodesk website: www.autodesk.com/firstbase for the Championship.

Regional judging will be peer based, one student animator per competing team will review and score the competing animations on site. More information is available on the *FIRST* website.

Note: In 2007, *FIRST* will showcase Autodesk Visualization animations at each regional event. We are committed to honoring the student teams who undertake this challenge by showing the animations created by each team participating at the Regional event. Autodesk will continue to support this effort by providing a compilation DVD for each Regional event.

5.4 CHAIRMAN'S AWARD

The *FIRST* Robotics Competition is about much more than the mechanics of building a robot or winning a competitive event. It is about the partnership among people who are part of the *FIRST* community and the impact on those who participate in *FIRST* programs with a united goal of achieving *FIRST*'s mission. *FIRST*'s mission is to change the way young people regard science and technology and to inspiring an appreciation for the real-life rewards and career opportunities in these fields.

The concept of the Chairman's Award includes Regional Chairman's Awards, which enable *FIRST* to recognize more teams for their exemplary efforts in spreading the *FIRST* message, as well as their talents in organizing materials for their presentations.

The winning entries of the Regional Chairman's Awards will travel to the Championship for the continuing process of consideration for the most prestigious 2007 Chairman's Award.

5.4.1 Overview

The Chairman's Award was created to keep the central focus of the *FIRST* Robotics Competition as our ultimate goal for transforming the culture in ways that will inspire greater levels of respect and honor for science and technology, as well as encourage more of today's youth to become scientists, engineers, and technologists

The Chairman's Award represents the spirit of *FIRST*. It honors the team that, in the judges' estimation, best represents a model for other teams to emulate, and which embodies the goals and purpose of *FIRST*. It remains *FIRST*'s most prestigious award.

FIRST will present a Regional Chairman's Award at each regional competition. There are thirty-seven (37) regional competitions scheduled for the 2007 season, therefore, there will be thirty-seven Regional Chairman's Award winners. Only the winners of the Regional Chairman's Award will be eligible to compete for the Chairman's Award presented at the *FIRST* Championship.

Hall of Fame members, a/k/a teams that have already won the Chairman's Award are ineligible to compete for the Regional Chairman's Award. However, as *FIRST* believes that the process of submitting for the Chairman's Award is a very valuable exercise in itself, *FIRST* encourages Hall of Fame members to complete a submission which will be used by Hall of Fame judges to verify that each Hall of Fame team is maintaining its Hall of Fame status. Accordingly, all submissions by Hall of Fame teams will be electronically routed to a folder judging as part of the Hall of Fame.

5.4.2 First-Year (Rookie) and NASA Grant Teams:

Because the Chairman's Award recognizes sustained excellence and impact, not just a one-year team effort, it is not possible for a first-year (rookie) team to receive this honor. However, *FIRST* invites and encourage rookies to develop a Chairman's Award submission which may be evaluated by the judges determining the winner of the **Rookie All-Star Award**. This submission will document where your team started its *FIRST* journey and will also provide background for documenting the results of your team's efforts – it will be a great way to start your team's efforts to win the Chairman's Award.

Rookie Teams: If you prepare a Regional Chairman's Award, print a copy to give the Judges when they visit you at your Pit Station, judges will not be viewing them online.

Teams receiving **NASA Grants** must provide a copy of this submission as part of the grant.

All teams are encouraged to print a copy of their final submission for their records and to confirm for themselves that the submission was accepted.

5.4.3 Submission Information

The criteria for the 2007 Chairman's Award are essentially identical to those in 2006, with special emphasis on recent accomplishments in both the 2006/2007-year and the preceding two years. The judges focus on teams' activities over a sustained period, as distinguished from just the six-week design-and-build time frame.

The *FIRST* Robotics Competition is not about machines; it is about the experience of people working together toward a shared goal. Documenting and preserving your team's *FIRST* experience becomes an important component of the over-all *FIRST* experience.

As in the past, teams may only submit at one Regional competition for judging. Teams submitting for both the Chairman's Award and the Woodie Flowers Award should note that both awards are judged at the same event. Students working on the Woodie Flowers Award submission and those team members working on the Chairman's Award submission should coordinate to select the best event for the team.

5.4.3.1 Submission Content

The Chairman's Award is presented to the team judged to have created the best partnership effort among team participants and which best exemplified the true meaning of *FIRST* through measurable impact on its participants, school, and community at large. There is no single "best way" for a team to win the Chairman's Award. Many factors come into play. The primary factors the judges will evaluate are:

1) How strongly does the submission document the impact *FIRST* has on the learning experience of the students, school curriculum, engineers, and/or community during the 2006/2007 team year as well as in prior years?

2) Has the team explained/demonstrated why/how it should be a role model for other *FIRST* teams to emulate?

3) How well has the team communicated its excitement and impact within the entire school, community, and beyond (state/nation) through participation in *FIRST* during the 2006/2007 team year as well as in prior years?

4) Has the team documented an innovative way to spread the *FIRST* message?

5) How strong of a year-round team partnership effort is reflected during the 2006/2007-team year as well as in prior years? (You can define partnership in many ways, including: the partnership among the team's students/corporate sponsor/engineers; school/university sponsor/engineers; students/adults; community/team)

6) As a whole, does the content of the documentation exemplify the true meaning of *FIRST*?

Your Chairman's Award submission should include documentation for all the above factors.

5.4.3.2 Submission Format

Regional Chairman's Award submissions will be submitted on line. The submission, excluding the Executive Summary, will be limited to 10,000 characters, including spaces and punctuation, and may include up to four (4) photographs totaling no more than 1.0Mb of memory.

Submission Process

The URL for the Chairman's Award Submission is www.firstawards.org/Follow the directions shown on the site to submit your team's entry. Teams may only submit at one regional event at which the team will compete. This site will be available beginning January 16, 2007 at noon EST.

Submitters can easily enter information, save it, and return to the site to edit the Chairman's Award submission until they are ready to submit it for final judging. All entries will be final on

Thursday, February 22, 2007 at 11:59 p.m. EST. No entries will be accepted or altered after this date.

Chairman's Award submitters will go to the website and enter the required information.

Team Number:

Regional Selection:

Executive Summary – Teams *must complete the following fields* in order to be considered for this award. The information included in the Executive Summary is <u>not</u> included in the total character/word count for the Chairman's Award Submission.

- Team Name
  Corporate/University Sponsors

- Briefly describe the impact of the *FIRST* program on team participants with special emphasis on the 2006/2007 year and the preceding two years (500 characters allowed, including spaces and punctuation)

- Examples of role model characteristics for other teams to emulate (500 characters allowed, including spaces and punctuation)

- Describe the impact of the *FIRST* program on your team and community with special emphasis on the 2006/2007 year and the preceding two years (500 characters allowed, including spaces and punctuation)

- Team's innovative methods to spread the *FIRST* message (500 characters allowed, including spaces and punctuation)

- Describe the strength of your partnership with special emphasis on the 2006/2007 year and the preceding two years (500 characters allowed, including spaces and punctuation)

- Team's communication methods and results (500 characters allowed, including spaces and punctuation)

- Other matters of interest to the *FIRST* judges, if any (500 characters allowed, including spaces and punctuation)

- Upload pictures (maximum of 4 allowed, not to exceed 1.0Mb in total)

- Essay (10,000 characters allowed, including spaces and punctuation, or approximately 1500 words)

- Electronic signature of Team Captain/Student Representative certifying that the document is complete and accurate

- Electronic signature of adult team mentor certifying that the document is complete ad accurate

Once the Chairman's Award submissions are completed, they are sorted and posted on a private, password-protected site where only the judges can read the entries. Each regional will have all the candidates who successfully completed the submission listed and the judges will review the submissions. Teams should always print and bring a hard copy of their submission to the event.

In preparing this document, bear in mind that students, engineers, teachers, community, school, sponsors, families, and other supporters, as well as the machine itself are all integral parts of your team experience. Your submission does need to clearly convey the factors outlined above.

- ***Important Note:*** Chairman's Award Judges look for and review the information entered in the *Yearbook Page* as part of the Chairman's Award submission. This information is entered as part of the Team Information Management System (TIMS) at www.my.usfirst.org/ *Refer to Section 1 Communications for more details about the Yearbook Page.*

5.4.3.3 Submission Deadline

Chairman's Award submissions are due no later than **Thursday, February 22, 2007**. **11:59 p.m. EST.**

5.4.4 Judging Process

5.4.4.1 The Regional Award Process:

By 10 a.m. on Friday mornings of each Regional Competition a list of interview times (which will either be pre-assigned by the judges or available for self selection by the teams, at the option of the judges) for the submitting teams will be available at the Pit Administration station. Interviews will take place during the day on Friday. A panel of judges will review the Chairman's Award entries at each Regional and will conduct on-site Chairman's Award interviews with those teams who have entered a submission for that regional event. Judges will select one winner for the Regional Chairman's Award at each regional competition.

Interviews are limited to ten (10) minutes with not more than three (3) team members (student or adult mentors). The team selects these representatives. During the first five (5) minutes of the interview, the team members give a presentation to the judges, and the judges will use the second five (5) minutes for their questions and answers.

NOTE 1: If the presentation requires special equipment, the team is responsible for bringing it to the interview, and the time required to set up the equipment will count as part of the team's allotted 5 minutes.

NOTE 2: Teams are encouraged to bring copies of documentation, supporting their submission, to leave with the judges. This documentation may include, but is not limited to:

- Letters of reference
- Newspaper and magazine articles
- Program Books

As part of the Chairman's Award judging process, *FIRST* judges will also review the Executive Summary page *AND* the yearbook page for each of the submitting teams. Your team's submission will be a key factor in the selection process, along with the judges' own observations of the team at the competitions.

5.4.4.2 The Chairman's Award Championship Award Process

At The Championship, a panel of judges will review the winning thirty-seven (37) Regional Chairman's Award submissions and will select one ultimate Chairman's Award winner. This winning team has the additional honor of choosing one of its junior or senior student members to be the recipient of the Allaire Medal.

5.4.5 The Allaire Medal - Leadership Exemplified

The Chairman's Award is presented at the Championship to the *FIRST* team judged to have the best partnership effort. The Allaire Medal recognizes leadership exemplified and is awarded to an individual student on the winning Chairman's Award team.

Named in honor of Paul A. Allaire, a long-serving *FIRST* Chairman of the Board, the Allaire Medal is given to the student who has demonstrated outstanding leadership on his/her *FIRST* team, within his/her school and community, and whose personal character best embodies the spirit of *FIRST*.

The team receiving The Chairman's Award at the Championship will select the Allaire Medal recipient. The adult and student team members determine the winner. The recipient must be a high school junior or senior who has been accepted into a four-year degree program at a college or university. The Allaire Medalist receives the Allaire medallion and up to $10,000 in total scholarship support for undergraduate tuition, room and board, fees, and books at his or her intended university or college.

5.5 CHAMPION (CHAMPIONSHIP ONLY)

This award celebrates the alliance that wins the final match of the Championship Playoffs.

5.6 CHAMPIONSHIP FINALIST (CHAMPIONSHIP ONLY)

This award celebrates the alliance that makes it to the final match of the Championship Playoffs.

5.7 DAIMLERCHRYSLER TEAM SPIRIT AWARD

This award celebrates extraordinary enthusiasm and spirit through exceptional partnership and teamwork.

5.8 DELPHI "DRIVING TOMORROW'S TECHNOLOGY^{TM}" AWARD

This award celebrates an elegant and advantageous machine feature. This award recognizes any aspect of engineering elegance including, but not limited to: design, wiring methods, material selection, programming techniques, and unique machine attributes. The criteria for this award are based on the team's ability to concisely describe verbally, as well as demonstrate, this chosen machine feature.

5.9 DIVISION FINALIST (CHAMPIONSHIP ONLY)

This award celebrates the alliance that makes it to the final match in its division at the Championship.

5.10 DIVISION CHAMPION (CHAMPIONSHIP ONLY)

This award celebrates the alliance that wins the final match in their division at the Championship.

5.11 ENGINEERING INSPIRATION AWARD

This award celebrates a team's outstanding success in advancing respect and appreciation for engineering and engineers, both within their school as well as their community. Criteria include: the extent and inventiveness of the team's efforts to recruit students to engineering, the extent and effectiveness of the team's community outreach efforts, and the measurable success of those efforts. This is the second highest team award *FIRST* bestows.

5.12 THE FOUNDER'S AWARD (CHAMPIONSHIP ONLY)

Each year *FIRST* presents this award to honor an organization or individual that has contributed significantly to the growth of *FIRST*.

Past winners of the Founder's Award include:

1993	Motorola, Inc.
1994	Honeywell
1995	Walt Disney World's Epcot
1996	The City of Manchester, NH
1997	Francois Castaing of Chrysler Corporation
1998	Johnson & Johnson
1999	NASA
2000	William Murphy, Founder of Cordis Corporation & Small Parts, Inc.
2001	Autodesk, Inc.
2002	John Doerr, partner, Kleiner Perkins Caufield & Byers
2003	Innovation First
2004	FedEx Corporation
2005	The LEGO Group
2006	United Technologies Corporation

5.13 GENERAL MOTORS INDUSTRIAL DESIGN AWARD

This award celebrates form and function in an efficiently designed machine that effectively achieves the game challenge.

5.14 HALL OF FAME   (CHAMPIONSHIP ONLY)

FIRST Robotics created The Hall of Fame to recognize the teams that have had the most impact on *FIRST* growth. A team earns permanent Hall of Fame status by winning the Championship Chairman's Award, *the* most prestigious *FIRST* award. Unlike other Halls of Fame, the model teams in the *FIRST* Hall of Fame are not retired, but begin a new phase of participation, requiring additional activities to achieve Hall of Fame Star Status. To achieve Hall of Fame Star Status, a team must submit a Chairman's Award entry, using the same criteria as all other Chairman's Award applicants as described above in "Submission Process." These submissions need to include all activities that the team has participated in during 2007 that enhance the community's awareness of *FIRST*. Hall of Fame Chairman's Award submissions will not be included in the Regional Chairman's Award judging process.

5.14.1 DVD Submission

FIRST encourages teams to enhance each submission by creating a DVD, which should be mailed to *FIRST* headquarters, attention Sue Robinson, postmarked no later March 28, 2007. Teams are encouraged to bring a copy of the DVD and have equipment to show it in their booths at The Championship.

Congratulations to all the previous Chairman's Award winners! This year's thirty-seven (37) Regional Chairman's Award winners will vie for the one spot reserved for the 2007 winner.

5.14.2 Display Specifications

To be determined and communicated at a later date.

5.14.3 Hall of Fame Teams

THE *FIRST* HALL OF FAME

Year	Team #	Official Team Name
2006	111	Motorola & Rolling Meadows High School & Wheeling High School
2005	67	General Motors Milford Proving Ground and Huron Valley Schools
2004	254	NASA Ames Research Center/Laron Incorporated/Unity Care Group/Line-X of San Jose/PK Selective Metal Plating, Inc. & Bellermine College Preparatory
2003	103	NASA/Amplifier Research/Custom Finishers/Lutron Electronics/BAE Systems & Palisades High School
2002	175	Hamilton Sundstrand Space Systems International/The New England Air Museum/Techni-Products/Veritech Media & Enrico Fermi High School
2001	22	NASAJPL/Boeing/Rocketdyne/FADL Engineering/Decker Machine & Chatsworth High School
2000	16	Baxter Healthcare Corporation & Mountain Home High School
1999	120	NASA Lewis Research Center/TRW, Inc./Battelle Memorial Institute & East Technical High School
1998	23	Boston Edison & Plymouth North High School
1997	47	Delphi International & Pontiac Central High School
1996	144	Procter & Gamble & Walnut Hills High School
1995	151	Lockheed Sanders & Nashua High School
1994	191	Xerox Corporation & JC Wilson Magnet High School
1993	7	AT&T Bell Labs & Science High School
1992	191	Xerox Corporation & JC Wilson Magnet High School

5.15 HIGHEST ROOKIE SEED AWARD

This award celebrates the highest-seeded rookie team at the conclusion of the qualifying rounds.

5.16 IMAGERY AWARD

This award celebrates attractiveness in engineering and outstanding visual aesthetic integration from the machine to team appearance.

5.17 JOHNSON & JOHNSON - SPORTSMANSHIP AWARD

This award celebrates outstanding sportsmanship and continuous gracious professionalism in the heat of competition, both on and off the playing field.

5.18 JUDGES' AWARD

During the course of the competition, the judging panel may encounter a team whose unique efforts, performance, or dynamics merit recognition.

5.19 KLEINER PERKINS CAUFIELD & BYERS ENTREPRENEURSHIP AWARD

This award celebrates the entrepreneurial spirit. This award recognizes a team, which since its inception has developed the framework for a comprehensive business plan in order to scope, manage, and obtain team objectives. This team displays entrepreneurial enthusiasm and the vital business skills for a self-sustaining program.

5.20 MOTOROLA QUALITY AWARD

This award celebrates machine robustness in concept and fabrication.

5.21 REGIONAL FINALIST (REGIONAL ONLY)

This award celebrates the alliance that makes it to the final match of the competition.

5.22 REGIONAL WINNER (REGIONAL ONLY)

This award celebrates the alliance that wins the final match of the competition.

5.23 ROCKWELL AUTOMATION INNOVATION IN CONTROL AWARD

This award celebrates an innovative control system or application of control components to provide unique machine functions

5.24 ROOKIE ALL-STAR AWARD

This award celebrates the rookie team exemplifying a young but strong partnership effort, as well as implementing the mission of *FIRST* to inspire students to learn more about science and technology.

NOTE: This is essentially the "Chairman's Award for Rookie teams". We encourage, but do not require, rookie teams to enter a Chairman's Award submission relative to this award.

5.25 ROOKIE INSPIRATION AWARD

This award celebrates a rookie team's outstanding success in advancing respect and appreciation for engineering and engineers both within their school, as well as in their community. It is the 2nd highest honor *FIRST* bestows to a rookie team.

5.26 UNDERWRITERS LABORATORIES INDUSTRIAL SAFETY AWARD

This award celebrates the team that progresses beyond safety fundamentals by using innovative ways to eliminate or protect against hazards. The winning team consistently demonstrates excellence in industrial safety performance that shines throughout the competition from uncrating to re-pack.

5.27 XEROX CREATIVITY AWARD

This award celebrates creative design, use of a component, or a creative or unique strategy of play.

5.28 WEBSITE AWARD

The Website Award recognizes excellence in student-designed, built, and managed *FIRST* team websites. Eligible websites are scored *PRIOR* to the competition by a panel of evaluators. **Two** subcategories of awards will be given for website design:
   7) "Website Excellence"
   8) "Best Website"

Every submission that meets the *FIRST* website design standards of excellence will receive the Website Excellence award. Website Excellence award winners will receive an electronic certificate to include on their websites. At each Regional Competition, there will be one award

for Best Website. The overall championship Best Website award winners will be chosen from among the regional winners.

5.28.1 Submission and Deadline Information

Only team websites that are entered into firstawards.org by **11:59 p.m. EST on February 22, 2007** will be evaluated. Team websites are eligible for these awards at every regional event in which the team is competing. You must enter your website separately into each event where you want it evaluated. The websites must be completed and functioning by the date of submission. Any website found to be "down," and not able to be viewed by the evaluators, will be disqualified at that particular event.

Any website, which in the evaluator's opinion, contains distasteful or objectionable material will be disqualified from consideration in all events in which the website was entered. Any team whose website is disqualified will be notified by e-mail of the disqualification and the reason for it.

Only one electronic Website Excellence certificate will be awarded per team for the entire competition season. A team is eligible to win the Best Website award at multiple regional events.

5.28.2 Scoring Criteria

The following criteria will be used to evaluate the Website Awards:

5.28.2.1 General

The ideal website is a genuine reflection of the team, its participants, spirit, and goals. It should not be just a bulletin board with information accessible via a menu. It should tell an individual story and also detail how it is part of the larger *FIRST* community.

5.28.2.2 Content and Design

The content (text, pictures, music, etc,) and design of a website should work together to provide a pleasing user experience. Good content with a confusing interface, or vice versa, will not be scored as highly as a site with better balance.

5.28.2.3 Content (25 points)

Does the website:

Clearly tell the team story and articulate its mission?

Include recognition of sponsors and volunteers?

Explain *FIRST* and promote its vision?

Include helpful resources for other *FIRST* teams?

Contain interesting non-text content such as music, sound, animation, or video?

5.28.2.4 Structure and Navigation (25 points)

How easy is it, in general, to navigate throughout the site?

Does it have HTML links that provide easy access to external content?

Do links open new, separate browser windows?

Is important information easily accessible?

Is there a prominent link to the *FIRST* website on the home page?

5.28.2.4.1 Visual Design (25 points)
- Is the site engaging, and does it encourage exploration?
- Does the website:

- Communicate a visual experience reflective of the team identity?
- Use color and iconography in a consistent way?
- Use the official *FIRST* logo?
- Include photos of the team participants, volunteers, and sponsors?

5.28.2.5 <u>Functionality and Interactivity. (25 points)</u>
- Does the website work well?
- Does the home page load quickly?
- Do the links work throughout the site?
- Does it take into consideration those with diverse user requirements including file sizes, file formats, special access needs, (i.e. alt tags for images) and download speeds?
- Are there effective opportunities for a visitor to interact with the website?

5.28.3 Evaluating Process

Each website submitted for consideration will be reviewed by a panel of evaluators prior to each competition.

There will be no on-site interviews. If the evaluators have questions about a particular website, they may contact the team via email prior to the competition to resolve their questions.

Websites receiving a score of 80% or more, but not winning the Regional Best Website Award, will receive the Website Excellence Award.

5.28.4 Award Presentation

Each team that wins Best Website at a competition will receive an award at that event.

Teams that earn the Website Excellence award will receive an e-mailed, electronic certificate to place on their websites following the Championship.

5.29 2007 WEBSITE AWARD SCORING SHEET

Event: _____

Team Numbers	#	#	#	#	#
Content (25 points)					
☐ Does the website clearly tell the team story and articulate their mission?					
☐ Does the website include recognition of sponsors and volunteers?					
☐ How well does the site explain *FIRST* and promote its vision?					
☐ Does the website include helpful resources for other *FIRST* teams?					
☐ Does the website contain interesting non-text content such as music, sound, animation, or video?					
Structure and Navigation (25 points)					
☐ Is it easy to navigate through the site?					
☐ Does it have HTML links that provide easy access to external content?					
☐ Is important information easily accessible?					
☐ Is there a prominent link to the *FIRST* website?					
☐ Do links open new, separate browser windows?					
Visual Design (25 points)					
☐ Does the website communicate a visual experience reflective of the team identity?					
☐ Is the site engaging and does it encourage exploration?					
☐ Does the site use color and iconography in a consistent way?					
☐ Does the website homepage use the official *FIRST* logo?					
☐ Does the website include photos of the team participants, volunteers, and sponsors?					
Functionality and Interactivity (25 points)					
☐ Does the site work well?					
☐ Does the homepage load quickly?					
☐ Do the links work throughout the site?					
☐ Does it take into consideration those with diverse user requirements including file sizes, file formats, special access needs, (i.e., alt tags for images), and download speeds?					
☐ Are there effective opportunities for a visitor to interact with the website?					

Total Scores. (0-100 points)					

5.30 WOODIE FLOWERS AWARD

The Woodie Flowers Award celebrates effective communication in the art and science of engineering and design. Dr. William Murphy and Small Parts, Inc. founded this prestigious award in 1996 to recognize mentors who lead, inspire, and empower using excellent communication skills.

FIRST will recognize one adult team member at each of the thirty-seven (37) Regional Competitions as a Woodie Flowers Finalist Award (WFFA) winner. These finalists will be combined with past years' WFFA winners, and one will be judged to receive the Woodie Flowers Award at the 2007 Championship in Atlanta.

Past winners of this award also include:

1997	Elizabeth Calef	Teacher, Bridgewater-Raynham Regional High School
1998	Michael Bastoni	Teacher, Plymouth North High School
1999	Ken Patton	Engineer, GM Powertrain
2000	Ms. Kyle Hughes	Teacher, OSMTech Academy
2001	William Beatty	Beatty Machine & Manufacturing Company
2002	David Verbrugge	Engineer, GM Proving Ground
2003	Andy Baker	Engineer, Delphi Automotive Systems
2004	David Kelso	Teacher, Central High School
2005	Paul Copioli	Staff Engineer, FANUC Robotics America
2006	Rob Mainieri	Teacher, The Preuss School at UCSD

5.30.1 Award is Students' Choice

High school students on a *FIRST* Robotics team will choose one adult team member as their WFFA candidate. They will describe how this mentor has given them the best understanding of the challenges, opportunities, and satisfaction involved in the discipline of engineering and design. Professor Flowers will lead the past Championship Woodie Flowers Award (WFA) winners as they judge and select the 2007 Finalists and Championship winner based on student essays.

Team mentors should direct their students to the entry site and let the student nominators decide who to nominate. Adults can help edit, but this must be a student-led effort, since any team mentor is eligible. Authors must be clearly identified as high school students in the submission paperwork.

5.30.2 Spirit of the Award

Two aspects of this award are important. The accomplishments in communication by the mentor are essential. Also important is the student's ability to communicate clearly and concisely through their written nomination. This award recognizes an individual who has done an outstanding job of motivation through communication while also challenging the student body to be clear and succinct in recognizing the value of communication.

In the spirit of recognizing additional deserving mentors, past WFFA winners are not eligible to win the Regional award again. These previously recognized mentors are only eligible to win the Championship WFA.

5.30.3 Judging Criteria

Each FRC team may nominate one candidate to be a WFFA winner. This candidate must be an adult mentor on the same team as the student nominator(s). Students may also re-nominate one of their team's past WFFA winners by submitting a new essay for this past Finalist to be eligible for the Championship WFA. Judging criteria is based on the team's description of how the mentor inspired each member of the team in some or all of the following ways:

- Level of student participation

- Creativity of effort

- Clear explanation of mathematical, scientific, and engineering concepts

- Demonstration of enthusiasm for science and engineering

- Encouragement to work on projects as a team effort

- Inspiration to use problem-solving skills

- Inspiration to become an effective communicator

Each *FIRST* team completes a product development cycle as it designs a concept, develops a prototype, and builds and debugs a unique machine. This requires teamwork, attention to detail, scheduling, and hard work. The award-winning essay should answer this question; "How did the candidate inspire your team throughout this process?" If the essay best describes how this individual excels above all others as he or she inspires the team, then that mentor truly deserves to be recognized with the award that honors Professor Woodie Flowers and his contribution to engineering, education, and communication.

5.30.4 Entry Requirements

Students enter their candidate at the Woodie Flowers Award entry web page: www.firstawards.org/They enter team and candidate information, reference information, and a six hundred-word (600) essay, written in English. Teams may also add up to six (6) pictures, totaling no more than 1.0 Mb. of memory. This essay should be a team effort and will stand alone as the team's entry to award their candidate the deserved recognition.

For students to re-nominate a past WFFA winner (one per team) for the WFA, they must write a new six hundred word essay.

As in the past, teams may only submit at one Regional competition for judging. Teams submitting for both the Chairman's Award and the Woodie Flowers Award should note that both awards are judged at the same event. Students working on the Woodie Flowers Award submission and those team members working on the Chairman's Award submission must coordinate to select the best event for the team.

5.30.5 Submission Deadline

The Woodie Flowers Award entries are due on Thursday, February 22rd at 11:59 p.m. EST.

5.30.6 Entry Process
The Woodie Flowers Award submission is submitted on-line at www.firstawards.org/ . Nomination entry directions are listed on this site. This site will be available beginning January 16th, 2007 at noon EST.

Student nominators must follow the directions listed on the screen. Each team can only submit one WFFA candidate for this award. Teams can also enter an essay for one of their team's past WFFA winners (if applicable) in order to make them eligible for the Championship WFA. As the student nominator fills out the required information, he/she will choose their selected

regional.

Student nominators can easily enter information, save it, and return to the site to edit their entry information until they are ready to submit it for judging. All entries will be final on Thursday, February 22nd at 11:59 p.m. EST (midnight). No entries will be accepted or altered after this date.

Students will go to the website to enter information in the following fields:

Team Number

Candidate Information:
First Name, Middle Initial, Last Name
Address, City, State, zip code
Employer
Occupation
Position on team

*High School **Student Nominator's information: (Student recommending candidate)***

First Name, Last Name
Phone Number
High School
E-mail Address
Position on Team
Year in School (9th, 10th, 11th, 12th)

Adult Reference (On the same team)
First Name, Last Name
Phone Number
E-mail Address
Position on Team

Adult Reference (Any FIRST affiliation)
First Name, Last Name
Phone Number
E-mail Address

***Regional Selection** (Team must attend this Regional)*

***Upload Pictures** (Up to 6, no more than 1.0 Mb total)*

Essay (600 words or less) - The students will see a quote from Dr. Murphy and/or Woodie about the value of concise and clear writing. Once candidates' information and essays are submitted, they are sorted and posted on a private, password-protected site where only the Judges can read the entries. Each Regional will have its candidates listed and the Judges will review the Prior Regional Woodie Flowers Award Winners

5.30.7 Prior Regional Woodie Flowers Award Winners

A team may refresh the submission of any past WFFA winner on their team for their eligibility to win the Championship WFA. Only one past year WFFA winner per team can be eligible for the

Championship WFA. Student nominators will not be able to edit the original submission but can refresh it by adding a new 600-word (maximum) essay to make the submission current. Past winners without a new essay will not be eligible for the WFA in 2007.

Judges will read only the new essay.

Students nominators who entered an essay for a past year WFFA winner and for a 2007 WFFA winner will be asked to pick between one of the two mentors to be their team's Championship WFA candidate. Each *FIRST* team can have a maximum of one candidate for the Championship WFA.

5.31 FIRSTAWARDS.ORG SITE

FIRST will once again be using www.firstawards.org/ as a submission site for the Regional Chairman's Award, Hall of Fame, the Woodie Flowers Award and the Website Award. The FIRSTawards.org site will open for submissions at noon EST on January 16, 2007 and close for all submissions on Thursday, February 22, 2007 at 11:59PM EST. The submission requirements for each award are listed in the section for the specific award.

Teams should carefully read the following information about this site before proceeding.

5.31.1 Formatting

Entries cannot contain any formatting only plain text. The only formatting supported is paragraph spacing by way of the 'return' key.

5.31.2 Accounts

Teams must register for a new firstawards.org account every year. A team's TIMS account and their firstawards.org account are not the same. Teams can only have one firstawards.org account. There are not separate logins for Chairman's and WFA entries.

5.31.3 Verification of Submission

Teams should always log in to the firstawards.org site to verify the content and the submission date of their entry after it has been submitted. For Chairman's, Hall of Fame, Rookie All Star and Woodie Flowers Award entries, teams should print a copy of the submission and bring it with them to the Regional Event. NASA Grant teams should download a copy to have should NASA request it. NASA does have access to this site, but in prior years some entries have not been completed successfully or the team did not check the NASA box and were required to supply a copy to NASA.