

**Meeting Minutes
Of the
North Star ION Section**

June 23, 2011

The Twin Cities ION Chapter meeting was conducted at 6:00 PM on June 23rd at Stella's in Minneapolis.

The following members of the ION and residents of the Twin Cities geographic area were in attendance:

Chuck Bye	Wayne Soehren
Vibhor Bageshwar	Suneel Sheikh
Mark Ahlbrecht	

The following officers were unable to attend: Demoz Gebre-Egziabher.

Elections

- The elections for executive office concluded at the beginning of June.
- All incumbent Chairs were re-elected.
- Wayne Soehren was elected Publicity Chair, as a write-in candidate.
- The ION National Office and regional vice president have been informed.
- All officers begin their new term on July 1st, 2011

Mini-Urban Challenge

- It was decided that the chapter would participate in the Mini-Urban Challenge only if requested by the National Office.

Financials

- Mark reported that our finances are in good shape and will request the same amount of funding, about \$1000) from the National Office that we received in 2010.

Autonomous Snow Blower Competition

- Suneel discussed the 2012 Autonomous Snow Plow Competition.
- The plan is to continue with the competition with only evolutionary changes to ensure that the event remains competitive.
- The web site is: <http://www.autosnowplow.com>

2011-12 General and Exec Meetings.

- The expectation for general and executive meeting for the remainder of 2011 and 2012 is to alternate meeting on, approximately, a monthly basis.
- The current plan is:
 - Early Sept
 - Executive meeting to plan the General meeting in late Sept / early Oct.

- Late Sept/Early Oct
 - A section meeting will be held at Honeywell, Ridgway and will, hopefully, include a non-export restricted gyro tour.
- Nov
 - Executive Meeting
- Dec
 - General meeting with keynote speaker at the U of M
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- Jan
 - Snow Plow Competition
- Feb
 - Snow Plow Appreciation Dinner
- March
 - Executive Meeting
 - Executive committee nominations for 2012-13
- April
 - General Meeting
 - Either company tour or speaker at the U of M.
- May
 - Executive meeting

Next Meeting: The next meeting was not scheduled.

Appendix A

Institute of Navigation

North Star Chapter

Outreach Chair Report

5 Nov 2009

Status of Autonomous Snow Plow Competition

ION GNSS September 25 Meeting

- Successful!!
 - o Great job presenting by Demoz G.-E. to get them interested
 - o No major issues raised and full support provided (with review coming next year)

Competition Rule Book

- Vibhor B. working on draft version
- Will work with Jacob Campbell to get Robotic Lawn Mower competition original
 - o Demoz?
- Status from Vibhor

Publicizing

- Gary Balas will send to Department Chairmen
 - o Hopefully next week (after Committee meeting & Website)
- Website, and official application entries
 - o Working on this – should have simple one soon
- St Paul Winter Carnival
 - o New press release going out soon
 - o Advertises the autonomous bus with UMN

Sponsorship

- Been working on getting more financial sponsors
- Confirmed:
 - o ION Satellite Division
 - \$1000 for first year
 - o Mary Snitch, Lockheed Martin; Director of NASA Programs (MD Headquarters)
 - \$6000 for three years (2010 – 2012)
 - o ASTER Labs, Inc.
 - \$1000 (2010), \$2500 (2011)
- *Highly Likely* verbal commitments
 - o John Weyrauch, Vice President Engineering, ATK (MN Office)
 - Plans to sponsor
 - Will go through their formal internal process
 - o Kevin Morgan, Business Development, BAE Systems (MN Office)
 - Recommended by John Weyrauch
 - Have sent emails, but no response (will try calling soon)
- Others
 - o Honeywell (Chuck B.)?
 - o Goodrich (Todd E.)?
 - o General Dynamics?
 - o MN DOT (Craig Shankwitz contact)?
- Need contacts for:
 - o Toro
 - o Caterpillar
 - o John Deere (Andy Riechow)

Competition Sub-Committee

- Have volunteer commitments from eight individuals
 - Wayne Soehren (Honeywell)
 - Paul Kline (Honeywell)
 - John Siebenshuh (BAE Systems)
 - Chad Smith (BAE Systems)
 - Suneel S.
 - Demoz G.-E.
 - Vibhor B.
 - Mark A.
- First meeting, Tuesday November 10
 - Separate tasks and work planning events

Future Plans

- Rulebook & Competition Guidelines
- Identify more Sponsors and funding
- Website
- Work with Winter Carnival to develop displays, funding, partners, etc.
- Sub-Committee work
- Nov 2009: Announce to Aero Chairpersons
- Nov 2009: Announce formal competition