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March 2007

Issue 2 Volume 5

The Portland Aerial Tram – The Best View of Portland



Gary Hopkins and Art Pierce

Approximately 20 NACE and ASM members attended the talk, tour, and ride on the Tram. DOT, City of Portland personnel Gary Hopkins and Art Pierce led things off, at the Old Spaghetti Factory, with an excellent talk about the Tram which is located in the Portland's South Waterfront District. The vision for this area was to create a Science and Technology Quarter that connected Portland State University, The Oregon Health Sciences University, and the South Waterfront District. Initial options considered were a funicular rail, streetcar, tram, bus, and people mover. The Tram was selected as the best option because it provided the fastest most convenient mode of transportation with the least impact to the neighborhoods and the environment. The Tram can move 1000 people per hour with a 200 second one-way trip. Each of the 2 cabins can handle 80 passengers per trip.

Construction of the towers and stations was done by U.S. companies and the cabins, cables, and all moving parts by Swiss companies. The Upper Station, which is designed to move and rotate, is connected to OHSU's Patient Care Facility. It is connected to the Lower Station and Tower with wire cables under 1,000,000 lbs of tension. The wire cables are expected to last 50 years.

Following the talk all were given a round trip ride on the Tram and then a tour of the massive electric motors and cable handling equipment in the basement of the Lower Station.

See the back page for pictures from the Tram ride.

NACE MARCH 2007 Meeting

- DATE:** TBA
- Presenter:** TBA
- Topic:** TBA
- Place:** TBA

We apologize for the difficulty in arranging the month's meeting. We will send an e-mail to you announcing the Date, Presenter, Topic, and Place of the next meeting.

If you have an idea for or are willing to give a presentation, please E-mail your suggestion to Roy Roger at rfr@nwnatural.com.

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Wire Cable used for Tram

MARCH						
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

March Poem

**March came in like a roaring lion
With rain and ice and snow.
Will it go out like a gentle lamb?
That's what I'd like to know.**

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NACE CORROSION 2007 Conference and Expo

NACE CORROSION 2007 Conference and Expo will take place at the Gaylord Opryland Resort and Convention Center March 11-15, 2007 in Nashville, Tennessee. As always, the conference will feature excellent technical sessions, topical talks, a student poster display, and equipment and service exhibits. The plenary lecture, "Managing Corrosion, Preventing Failures, and Reducing Costs," will be given by R. Winston Revie.

There will also be Social Activities: Foundation Golf Tournament, Guest Program, NACE Race, The Technically "Cool" Event CORROSION/2007 Opening Reception, Corporate Member Reception, and Awards Dinner and NACE Foundation Events: Golf Tournament, Silent Auction. and One Groovy Night

The opening reception on Sunday is being sponsored by Carboline Company, one of the sponsors of this e-newsletter.

Future Portland Section Meetings:

Pulp and Paper – Camus WA

Date to be announced

Check Upcoming NACE Courses at:

<http://www.nace.org/nace/content/Education/courses/CourseSchedule.asp>

Membership Corner ~ Invite a Friend to Join NACE ~

Individual membership \$130 for one year, \$250 for two years.

Applications: <http://www.nace.org/nace/content/Membership/ContentMembership.asp>

Access to the NACE International Member's Only Website that includes:

Unlimited downloads of Current NACE Standards

Unlimited downloads of Current NACE technical reports

Unlimited downloads of NACE conference papers six months old and older back to 1996

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NACE career center – career planning and job posting service

Member pricing (up to 20% discounts) on NACE products

Materials Performance – free subscription

MP Online

Members-Only Bulletin Board – online technical discussion boards

Awards Corner

Your Awards Chairman needs YOUR help in bringing recognition back to Local Section members. For the coming year, please nominate someone (even yourself) or some company that you think has done some outstanding work for the Western Area NACE awards (e.g., Engineer of the Year, Stratfull Service Award, Company of the Year, Ted Harrington Scholarship) and/or the NACE International awards (e.g., Technical Achievement, Distinguished Service, Fellow, Distinguished Company, etc). Check out the following link for more information on NACE Association awards and then contact Bernie at Bernard.Covino@netl.doe.gov with your ideas on awards.

<http://www.nace.org/nace/content/awards/summaryindex.asp>

News from NACE Portland Section Members

Send news about your activities, photographs of activities, and/or unique corrosion related phenomena to share with the NACE Portland section members for the September 2006 to June 2007 Issues. Retirees send news about the way things use to be done or what you're doing now. Thanks Bernie & Sophie

Here are Some Views of the Tram and Pictures Taken from the Tram and Docking Station.

The ride on the Tram was exciting and incredibly smooth and the Tram docked with only a slight bump. The Tram has windows on all sides and, on the ride up and back and on the docking station, we were treated to an incredible panoramic view of the City of Portland. Also that day, (lucky for us) we had a beautiful and clear view of Mt. Hood and Mt. St. Helen.



