

Minutes

North Coast Marine Manufacturing Alliance Meeting

Wednesday, September 6, 2017

1:30 to 3:00 PM

Marquis Yachts - Pulaski, WI

Type of Meeting: Steering Committee Meeting
Note Taker: Debbie Thompson
Attendees: **Dr. Dante Battocchi**-North Dakota State University, **Jerry Clusen**-Navy League, **Josh Delforge**-Marquis, **Joe Draves**-NWTC, **Nate Millsap**-Fincantieri Marinette Marine, **Tracy Schneider**-KCS/Cruisers, **Dean Stewart**-NWTC, **Ann Franz**-NCMMA, **Debbie Thompson**-NWTC

AGENDA TOPICS

PRESENTER

COATINGS & POLYMERIC MATERIALS PRESENTATION

Dr. Dante Battocchi, Ph.D.

Dr. Dante Battocchi, assistant professor at North Dakota State University (NDSU), presented on coatings and polymeric materials. Dr. Battocchi would like to partner with the marine industry to study any materials corrosion issues members may have. Some of the materials studied include; aluminum, magnesium, bronze, and steel. They work on how to protect and isolate parts. They also do work for the U.S. Armed Forces.

Research activities include the following.

- Characterization of coatings and surfaces
- Corrosion studies
- Test development/data analysis
- Materials and product development

NDSU studies powder coating, including how to increase its life. Powder coating works well, until there is a deflection. By applying primer, its life can be extended. The development of chromate-free aircraft coating systems was part of their studies. Timelines were shown that illustrate how long it takes for corrosion to take place. Test methods development is also part of their research.

- ✓ Members were asked to determine if they have a materials corrosion issue they want to have studied. Dr. Battocchi and his team, including chemists, are flexible in terms of materials. Contact Dr. Battocchi at dante.battocchi@ndsu.edu or phone (701) 231-6219.

NCMMA PARTNERSHIP BREAKFAST WITH ASSOCIATE MEMBERS RECAP

The Partnership Breakfast was held on July 20, 2017. Positive comments were received from NEWMA and NCMMA attendees. The shortened timeframe made it easier to attend. Members agreed to hold the event again in late April of 2018.

- ✓ Establish needs prior to the event.
- ✓ Send, prior to the event, a list of NCMMA needs to NEWMA.
- ✓ Encourage smaller companies to attend.
- ✓ Ann will check NWTC Corporate Conference Center for late April 2018 available dates, adhering to the same, shortened timeframe.

SEAPERCH

- ✓ Once the flyer has been finalized, Ann will send it to schools who participated last year, followed by schools who have expressed interest, etc.
- ✓ Ann is in the process of finalizing the ½ day, 2018 competition date at the Ashwaubenon Community Pool (2/17/18).
- ✓ 16 kits will be purchased.
- ✓ It is hoped that 16 different schools will compete at the NCMMA's 2018 competition, with each school receiving one kit at no cost, if they register on time.
- ✓ Ann will contact Dennis Rockhill of Proto to update him and check on possible practice opportunities.
- ✓ Ann will reach out for sponsorships. NCMMA associate members will be invited to sponsor the event. Additional sponsors are needed for the winners traveling to nationals.
- ✓ Members will discuss the SeaPerch engineering notebook.

	MARITIME CENTER OF EXCELLENCE	Dean Stewart
	<p>The Federal Government is announcing a special designation for certain areas of the U.S. to include the west coast, east coast, and Great Lakes regions. Dean reported that the Maritime Center of Excellence is close to getting that designation.</p> <p>As part of this work, contact has been made with the U.S. Army and Navy in regard to military career programs. NWTC is working on creating construction and manufacturing programs, allowing for limited student debt. The programs will provide training to military personnel when they retire so they can return to NWTC to complete their degree.</p> <p>The Alliance is currently working on the following veterans' initiatives.</p> <ol style="list-style-type: none"> 1. Ann will be returning to the Great Lakes Naval Station in Illinois on October 12 for a job fair. Members are encouraged to contact her if they are interested in attending. 2. The Alliance is partnering with the Fox Cities Chamber to host vets and their significant other for a weekend in northeast Wisconsin to learn about regional career opportunities. 3. Ann is developing a network that will spotlight individual vets looking for employment. The information will be emailed to a targeted member audience. 	
	MANUFACTURING DAY-OCTOBER 6, 2017 & OTHER MANUFACTURING MONTH (OCTOBER) EVENTS	
	<p>Nationally, Manufacturing Day is October 6, 2017. Wisconsin celebrates Manufacturing Month during the entire month of October. The Alliance will sponsor bussing for plant tours during October. If there is a school a company is interested in working with, Ann will help facilitate those connections. Please contact her in this regard. Joe Draves will contact NWTC in Shawano, as they coordinated tours a couple of years ago.</p> <p>October 3 - Get Real Math Movie Premiere, Meyer Theatre, Green Bay, WI</p> <p>October 10 - Find Your Inspiration, KI Convention Center, in Green Bay, WI. Approximately 4,000 8th grade students from the Green Bay area attended in 2016 to explore careers.</p> <p>October 12 – Great Lakes Naval Station Job Fair – Members are encouraged to contact Ann if they are interested in attending.</p> <p>October 12 & 14 – This Girl Can - 7th and 8th grade girls at Marinette Middle School will partner with NEWMA, NWTC and Samuel Pressure Vessel Group. Parents/guardians and their daughters will visit Samuel for a cook-out, tour and discussion of females working in manufacturing. The girls will also attend a safety briefing on 10/12. On 10/14 they will weld a fun craft. This event will replicate a program Green Bay Public Schools hosted this past spring.</p> <p>October 25 – MFEC Day 1: ACP Joint Meeting, Networking Reception, Excellence in Manufacturing/K-12 Partnerships Awards Dinner</p> <p>October 26 – MFEC Day 2 will host 600 high school students to talk to employers about working in the industry.</p> <p>November 9 – Internship Draft Day, Lambeau Field. Members are encouraged to post jobs by September 15.</p>	
	MARINE RELATED APPRENTICESHIP	
	<p>The Federal Government has a new registered apprenticeship program related to the marine industry. Members interested in participating may be eligible for federal dollars. For more information, contact Barbara R. Murray, TransPORTs executive director, at brmurray77@gmail.com or by phone (757) 401-8259.</p> <p>Joe Draves reported that NWTC apprenticeship enrollments are at an all-time high. Six years ago, there were 300 apprenticeship enrollments. For 2017-2018, NWTC has over 1,100 registered apprenticeship enrollments.</p>	
	NEXT MEETING	
	<p>The next NCMMA meeting will be on Wednesday, October 11, 2017 at 1:30 p.m. at Cruisers Yachts, in Oconto, 1:30 to 3:00 p.m. Agenda items include the following.</p> <ul style="list-style-type: none"> ✓ NCMMA Partnership Breakfast ✓ SeaPerch ✓ Review NCMMA website ✓ Marine Center of Excellence Update ✓ Upcoming Events & Opportunities 	