

**GENERAL DYNAMICS**  
Bath Iron Works

# BIW NEWS

June

2011

## DDG 112 Float-Off

### **INSIDE**

From the Helm - 2

Performance - 3

VADM Parker Visit - 3

DeepCwind Visit - 4

5 Star Compliance - 4

Wellness and Benefits - 5

Retirees - 5

Simple Sometimes Better - 6

LS6 Union Hall Named - 6

Thanks from Murphy Family - 7

Doing it for Murph - 7

From the Fleet - 8

Performance Incentive - 8

Supervisor Development - 9

BIWRA Events - 9

Service Anniversaries - 10

Tin Can Demo - 10

Ergo Cup - 11

New Hires - 11

Friends of BIW - 12

# From the Helm

Jeff Geiger, President, Bath Iron Works

At the beginning of this month, we received a gift from Maureen Murphy, a framed portrait of her son, LT Michael Murphy, USN, which she sent as an expression of her thanks to all the men and women of BIW who are building DDG 112. It was very generous and thoughtful of her to acknowledge your collective efforts in this special way. We should all be very proud of this recognition from the Murphy family. Over the course of the summer, the portrait will make its way through all of our facilities so you can see it for yourself and enjoy it while it's on display. I hope it will continue to inspire all of us to "Do it for Murph."

I'd like to expand on the theme of generosity. On June 17, 18, and 19, I had the pleasure of riding about 180 miles across the state with over 70 BIW employees, families and friends who participated in the American Lung Association's 27<sup>th</sup> Annual Trek Across Maine. It was my first "Trek" and I was pleased to be part of our large BIW Team. BIW's presence was well noted and demonstrated our employees' commitment to our communities as well as the generosity of the BIW family.

Congratulations to all who pedaled hard for three days, or volunteered on the course or supported the effort in any way—it was a great event for the American Lung Association and I'm very proud of BIW's contribution to its success. You'll see some more information on the Trek in the pages that follow and the final results in next month's BIW News.

The success of our group in the Trek Across Maine was made possible because of a lot of effective teamwork. It's the same when it comes to our work in the shipyard. Teamwork will make it possible to succeed in these times of tight budgets and stiff competition. On June 6, the Navy issued an RFP for the competition of three DDG 51 Program Continuation ships and we're already well along in developing our bid that is due to the Navy in August. In parallel, we're continuing to negotiate with the Navy for the award of two DDG 1000 follow ships.

While all this is happening around us, we must continue doing what we're doing to build affordable BIW ships and make certain we do it better tomorrow than we did it today. We can successfully do all of these things if we're together as a team.



Tom Niles (D10)

In just a few days we'll celebrate Independence Day—the result of a solemn team commitment to the cause of freedom by our forefathers and all those who have carried the cause across the years. The theme of this year's Bath Heritage Days July 4 Parade is "Hometown Heroes." BIW will once again have an entry in the parade, this time celebrating "BIW Hometown Heroes", including all of our employees who are veterans, those now serving in the Guard and Reserves and especially those who have been called to active military service since 9/11.

I hope you'll come out and acknowledge our fellow employees who have answered the call, as so many others have done in the past, and through their service, helped make possible our country's 235<sup>th</sup> birthday celebration.

Relax and enjoy this great holiday with your friends and families and above all, celebrate safely. Happy Fourth of July!

**TOGETHER WE CAN MAKE A DIFFERENCE.**

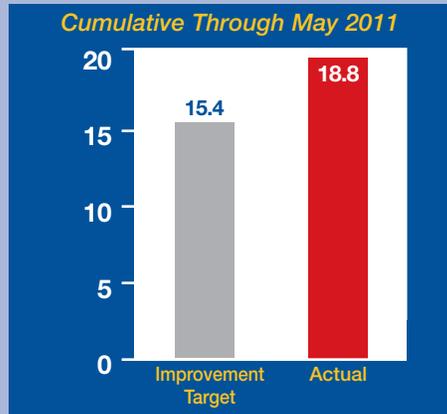
On the cover: Michael Murphy (DDG 112) in drydock during the overnight period of the docking, undocking and float-off following christening ceremonies on May 7, 2011.

# Performance

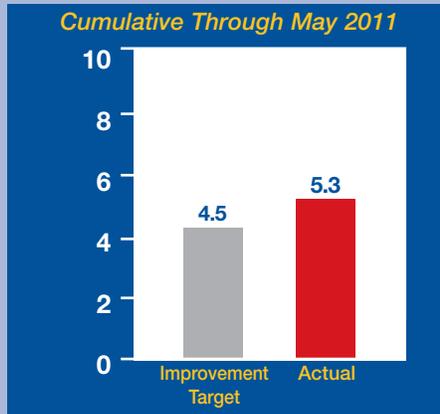
May 2011

## Safety

### RECORDABLE INJURIES



### LOST-TIME INJURIES



## Environmental

Year to date (YTD) progress toward achieving our environmental performance goals under the **Maine DEP STEP UP** and other environmental programs is displayed as follows:

- Equal to or better than YTD goal
- Above YTD goal; improved from prior year
- Above YTD goal; not improved from prior year

### Cumulative Through May 2011

Solid Waste	<span style="color: red;">●</span>
Hazardous Waste	<span style="color: green;">●</span>
Energy Costs	<span style="color: red;">●</span>
Recycling Rate	<span style="color: yellow;">●</span>

# BIW NEWS

**BIW NEWS** is published monthly by the Communications Department (D53) of Bath Iron Works and is produced internally in the BIW Print Shop.

The primary objectives of **BIW NEWS** are to recognize the service, accomplishments, innovation and contributions of our employees and to provide information on matters that are of interest to our workforce.

Comments and suggestions are welcome and should be forwarded to Dixie Stedman at Mail Stop 1210 or by e-mail at [dixie.stedman@biw.com](mailto:dixie.stedman@biw.com).

## Facility/Shift Information Call Line

Toll free information on facility status, work shift delays, and cancellations

# 1-866-630-BATH

(1-866-630-2284)

**GENERAL DYNAMICS**  
Bath Iron Works

## Senator Collins and VADM Parker at BIW

On June 2, 2011, VADM Robert Parker, USCG, Commander, Atlantic Area/Commander, Defense Force East, visited BIW accompanied by Senator Susan Collins. VADM Parker is the Coast Guard's senior operational commander and he was at BIW at the invitation of Senator Collins to familiarize himself with our facilities, processes and capabilities.



Shown right touring the Ultra Hall, the group included, l to r: Jeff Geiger (background), John McCarthy, Senator Susan Collins, VADM Parker and Kirk Lussier.

# DeepCwind Visit

In mid-June, BIW hosted a group from the U.S. Department of Energy (DOE) and the DeepCwind Consortium, led by the University of Maine, which received \$10 million from the DOE to support deepwater offshore wind energy research and development.

The DeepCwind consortium has engaged BIW and Cianbro for the purpose of construction and deployment of a 1/3 scale floating wind platform which will be deployed in the Gulf of Maine in 2012. The design of the wind platform is being finalized and details of BIW's role are being discussed.

The BIW visit included Dr. Christopher Hart, DOE Offshore Wind Manager, who was in Maine as the keynote speaker at the Energy Ocean Conference in Portland and Dr. Habib Dagher, DeepCwind Principal Investigator and Director of the University of Maine Advanced Structures and Composites Center.



Lisa Read and Dr. Habib Dagher.

The purpose of the visit was to learn about BIW's capabilities and see the facility which would support construction of the 1/3 scale demonstrator. Lisa Read (D71), BIW Wind Program Manager, said,

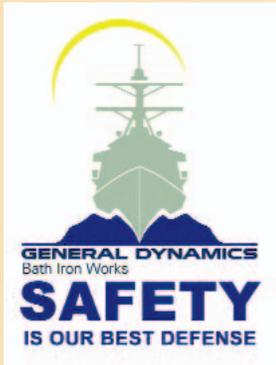
"We were pleased to host this group and give them a feel for the type of products we produce and our skilled workforce."

Following the BIW visit, the group boarded a boat in Boothbay and traveled to the test site where the platform will be deployed off the coast of Monhegan. They then visited the island to see another DeepCwind tasking, a mobile operation conducting bird and bat studies which will contribute to knowledge of flyways along Maine's coastal waters.

Lisa said, "In addition to the construction and installation of a demonstrator, the DeepCwind initiative includes permitting, environmental studies and public outreach. While BIW's expertise and interest lies with the 1/3 scale demonstrator, as a member of the consortium, we are fortunate to have exposure to the broad issue of evaluating the viability of wind energy generation in the Gulf of Maine."



# 5 Star Compliance



Laura Mathisen (D52), Director of Environmental, Health and Safety (EHS), said, "EHS representatives are half-way through the third round of Wall-to-Wall audits, evaluating each facility for 5-Star compliance. We are pleased to report that there has been a 62% reduction in findings from the first round of Wall-to-Wall audits earlier this year. There is still much work to

be done, but the EHS team has been very impressed by the pockets of safety excellence witnessed during the audits. This safety excellence is not by happenstance; it requires a dedicated work-force and management staff having a plan and executing that plan daily. Thank you and keep up the good work."



JUNE 27, 2011	Electrical	Machine Guarding	Fall Protection	Fire, Health, Safety	House-keeping
5-Skids	●	●	●	●	●
Aluminum Shop	●	●	●	●	●
ABC Plat	●	●	●	●	●
Buildings 18, 19 and MERG	●	★	★	●	★
Assembly Building	●	●	●	●	●
Panel Line	●	●	●	●	●
Boiler Shop	●	●	●	●	●
Trade Shops	●	●	●	●	●
Carpenter Shop	●	●	●	●	●
Blast I	●	●	●	●	●
Blast II	●	●	●	●	●
Blast III	●	●	●	●	●
Hyde South	●	●	●	●	●
Hazardous Waste Building	●	●	●	●	●
ACE/CW/Bissons	●	★	★	★	★
EBMF	●	●	●	●	●
Hardings	●	●	●	●	●
Facilities	●	●	●	●	●
Machine Shop	●	●	●	●	●
Metals Recycling	●	●	●	●	●
Dry Dock	●	●	●	●	●
H 601 (DDG 1000)	●	●	●	●	●
H 505 (DDG 111)	●	●	●	●	●
H 506 (DDG 112)	●	●	●	●	●
MSC Warehouse/Service Shop	●	●	●	●	●
LLTF Pump House	●	●	●	●	●
LLTF	●	●	●	●	●
All OSTs	●	●	●	●	●
POII/Ultra Hall	●	●	●	●	●
South Central Receiving	●	●	●	●	●

★ Compliant ● Preparing for Assessment ● Lost Star

## Wellness and Benefits

# Compare Hospitals and Physician Practices

When you make health care decisions, such as finding a new doctor or choosing where to have surgery, where do you get information? Talking with your doctor is the best approach, but some people ask friends and others cross their fingers and guess. While everyone wants and deserves safe, high quality care, we know that quality isn't the same in every practice or hospital. Where can you turn for help?



GetBetterMaine is a website where you can look up and compare local primary care physician practices and hospitals to see who is doing a better job. This information can help all of us make more informed health decisions and improve how we select the doctors and hospitals we use.

The GetBetterMaine website can be found at [www.getbettermaine.org](http://www.getbettermaine.org). Helpful resources like free health education classes, parenting advice and research assistance from health educators are also available on the website.

GetBetterMaine.org will be updated continually with new information, includ-

ing new providers and new measures. The goal of this initiative is to improve the overall quality of care in Maine. By publishing these results, all of us can be better informed and choose high quality providers. This, in turn, will encourage other providers to improve their practice results by improving care.

GetBetterMaine.org is produced by the non-profit Maine Health Management Coalition Foundation and is supported by BIW. To find out more about the Maine Health Management Coalition Foundation, go to [www.mehmc.org](http://www.mehmc.org).

## Building Healthy Ways Reminds You

### Thinking About Quitting Tobacco?

If so, there are resources at work to help.

#### Medical Department

When you schedule a check-up with the BIW Medical Department you receive:

- An individualized plan to help you quit
- Free nicotine replacement patches
- Prescription for tobacco cessation medications such as Chantix or Zyban

#### Health Coach or Health Advocate

Call Amanda Hopkins, BIW's onsite Health Coach at ext. 2182 or Maggie Kelley, BIW's onsite Health Advocate at ext. 4939 for free onsite, confidential support and information about the latest methods and medications to quit tobacco.

For more information call ext. 4294.



## Retirees May 2011

Dept.	Name
09-00	<b>George G. Painchaud</b> 30 Years, 2 Months <i>Outside Machinist III</i>
15-00	<b>Clifford R. Hooper</b> 32 Years, 4 Months <i>Pipefitter III</i>
17-00	<b>Donald G. Roy</b> 23 Years, 4 Months <i>Tinsmith III</i>
20-00	<b>Reginald R. Bechard</b> 39 Years, 5 Months <i>Maintenance Carpenter III</i>
20-00	<b>Thomas R. Desjardins</b> 42 Years, 9 Months <i>Maintenance Mechanic III</i>
20-00	<b>David A. Ladd</b> 30 Years, 2 Months <i>Maintenance Carpenter III</i>
40-00	<b>Robert M. Adair</b> 43 Years, 11 Months <i>Sr Principal Engineer</i>
50-00	<b>Alton N. Embelton</b> 24 Years, 1 Month <i>Shipfitter III</i>
50-00	<b>David D. Grover</b> 37 Years, 1 Month <i>Shipfitter III</i>
50-00	<b>Thomas A. Rokes</b> 37 Years, 6 Months <i>Shipfitter III</i>
81-00	<b>Cathy A. Pierce</b> 30 Years <i>Material Clerk III</i>
82-00	<b>Norma F. Blais</b> 25 Years, 5 Months <i>Technical Clerk, 1st Class</i>
87-00	<b>Roger J. Duchesne</b> 32 Years, 5 Months <i>Project Manager, Principal</i>
87-00	<b>Robert A. Gamache</b> 28 Years, 10 Months <i>Sr Principal Project Manger</i>
87-00	<b>Thomas J. Melanson</b> 28 Years, 9 Months <i>Designer, 1st Class</i>

# Simple Sometimes Better

As the first ship of its class, DDG 1000 has a lot of “new aspects,” including different compartments, larger units, new requirements and new procedures to meet those requirements. For example, cable must be segregated by system in cable trays and color coded so that the Navy can verify proper installation. Most of the cable is manufactured with a white exterior coating, although some cable is coated black. In addition to white and black cable on DDG 1000, orange, blue and green cable is also required and it is the task of M16 Material Clerks to “paint” the cable prior to shipment to Bath.

In advance of the need for cable to support production, Lean Manufacturing studied the process to develop a fast, accurate and safe approach. The cable does not have to be uniformly colored but it must have easily recognized color throughout its entire length. It was determined that the best place to perform the task was at Consolidated Warehouse prior to cable issue for installation. Gene Fairfield, who along with Mark Leeman (both D81) mark the majority of cable, first tried a manual method.

As cable was pulled off a reel to make up a work order, they tried applying paint by holding a paint stick on one



Gene Fairfield demonstrating the proposed color coding adaptation being used to mark cable prior to installation.

surface as the cable sped by. Because the paint was applied by hand onto a moving cable, both the paint stick and the hand guiding it were prone to mis-steps. The process, more man than machine, at first seemed to defy a standard or simple solution. A paint applicator was brought in but failed to meet the need. Several other machines with \$20,000 price tags were evaluated and it was estimated that three machines would be required to meet the volume demand.

Gene and Mark continued to experiment with ways to attach the paint stick, essentially a fat crayon, to the winding machine. Using scrap material, Gene settled on a simple frame which encloses

the paint stick and attaches to a narrow, existing channel on the winding machine. With minor tweaking it appears to be a successful prototype, costing about \$10 in miscellaneous parts. In the meantime, the Machine Shop is working to duplicate Gene and Mark's technique with something a little more elaborate and spring loaded to allow hands-free operation.

While it is early in the process, Gene said, “The color coding procedure seems to be running better and faster and we are hopeful that this will prove to be the simple, cost-effective solution we were looking for.” 

## LS6 Union Hall Formally Named

On Saturday, June 18, 2011, the building housing Local S6 Headquarters on Washington Street was formally named the John W. Brown Union Hall.

Saturday was one day shy of the 70th anniversary of the death of John W. Brown, a native of Canada who moved to Maine to take a job at the shipyard in the early part of the last century. John Portela (D30), a historian of local union activities and the driving force behind the ceremony,



Melanie Marcotte, great grand niece of John W. Brown, and John Portela at the June ceremony.

said, “John Brown was one of the founders of our labor movement. As a member of the United Mine Workers, he was present at many landmark events during the 1920s which ultimately advanced the rights and safety of American workers.”

John continued, “In 1927, John Brown semi-retired to Woolwich and lent his support and assistance to a local effort that led to the formation of a shipbuilders’ union at BIW which later merged with the national Machinists union and is today Local S6.”

LS6 purchased this building in 1960 and for 50 years, it was usually referred to as “the Union Hall.” John said, “Our headquarters is a gathering place for our members. We decided to name the building for John W. Brown because he was a prominent individual with strong ties to this area and our union and it is a way of recognizing and preserving an aspect of our history.”

The plaque which now identifies the building as the John W. Brown Union Hall was donated by BIW and created by LS6 craftsmen. 

# Thank You from the Murphy Family



**D**an Murphy, father of LT Michael Murphy, the namesake of DDG 112, sent this letter, shown right, to the men and women of Bath Iron Works following the christening of DDG 112 in Bath on May 7, 2011.

During the christening weekend, the Murphy family presented BIW with an album of photos and comments directed to BIW shipbuilders that were submitted to a Facebook page for the book, *Seal of Honor*. The album is digitized and can be seen on the BIW Intranet (<http://biw.net/>) by clicking on a blue box on the lower right titled: Michael Murphy "Seal of Honor" Scrapbook. The album may also be viewed on our Internet site ([www.gdbiw.com](http://www.gdbiw.com)) under the "Latest Company News" header.

In addition, Maureen Murphy, the mother of Michael Murphy and the ship sponsor, sent BIW a framed portrait of LT Murphy which will be displayed throughout the shipyard over the course of the summer in accordance with a published schedule included with Bulletin 10-11 dated June 9, 2011. The portrait, shown below, is under protective covering which will ensure its safety as it is moved between locations. Maureen Murphy attached a personal note which is included with the display.

If you wish, BIW employees or family members can send the Murphy family a brief message via email to: [biwchristening@gdbiw.com](mailto:biwchristening@gdbiw.com) using *Murphy Family Comments* in the subject line. You can also send a written message to BIW Communications, MS 1210. All messages will be compiled and forwarded to Mr. and Mrs. Murphy.



*Daniel J. Murphy, Esq.*  
May 31, 2011

Bath Iron Works  
Jeff Geiger, President  
700 Washington Street  
Bath, ME 04530-2556

To the men and women of Bath Iron Works,

On behalf of myself, Maureen, our son John and the extended Murphy family, I want to thank you all for all the kindnesses shown in making the christening event of the USS Michael Murphy DDG-112 on May 7th 2011 such a wonderful and special tribute to our son, Navy SEAL Lt. Michael P. Murphy. All of you outdid yourselves on building such a fine warship and I'm sure the ship will be the pride of the Pacific Fleet.

You all should be extremely proud of what you have accomplished, as much as the family is proud of all of you on what you have done in honoring our son. The ship you have built is magnificent and is a fine representation of all that was great about our son, Michael and his very special team of Navy SEALs and Special Aviation Operators of the 160th Aviation group, the Nightstalkers.

I want to express my very special appreciation for all your efforts and accomplishments with the building of this ship. I just wish I had the opportunity to shake each one of your hands and thank each and every one of you individually for the craftsmanship and work effort you have brought to this ship. Thank you for a wonderful group effort. It is a stunning example of American will and might of its people.

God Bless you all.

With warmest regards,

Daniel J. Murphy, Esq.



LT Murphy's portrait on display in the DDG 112 Crew's Mess, the first stop of a 3-month rotation.

## Do It For Murph

**I**nspired by LT Michael Murphy's personal story and his commitment to an extraordinary level of physical fitness and capability to achieve the elite ranks of a Navy SEAL, Terry Smith (D19), an electrician working on DDG 112, decided to dedicate his ride in the 180-mile bicycle Trek Across Maine to LT Murphy.

While Terry led the team in fundraising, it was the team effort of all 72 riders on the BIW Trek Team which raised over \$47,000 and still counting as of the eve of the June 16 start, all for clean air and healthier lungs for citizens of the State of Maine. Look for more information about the Trek Team in next month's newsletter.



Officers and crew members of DDG 112 shown with Terry Smith include, l to r: CTM2 Kevin Mattingly, FCC David Yuengert, CDR Tom Shultz, Terry Smith, LT Joe Sherman and FCC John Friend.

# From the Fleet

## Lending a Hand to a Historical Ship

In May, Jim Weber (D86) attended a “Navy Field Day” onboard EX-USS *Joseph P. Kennedy, Jr.*, (DD 850), now a museum ship permanently moored at Battleship Park in Fall River, Massachusetts. During a Field Day, volunteers, usually Navy veterans, gather on a museum ship and complete a variety of work projects which can include painting and preservation, restoration of spaces to open them for display, and bringing ship’s equipment back to operational condition. The Field Day is usually 3–4 days in length and volunteers eat and sleep on the ship for the entire time.

Jim’s naval service included tours aboard a frigate, a CG, and three destroyers, including the Bath-built USS *The Sullivans* (DDG 68). In registering for the event, Jim mentioned his service onboard US Navy destroyers and what he now does for a living as a Crew Training Instructor at BIW.

Jim continues the story, “They (coordinators) asked if it was possible to borrow an NDT tester to do some hull thickness readings. I approached the NDT Lab and told them what I was doing and asked if they had a tester that I could sign out. They did and I spent a lot of time crawling around the ship taking readings. We also completed a lot of preservation projects and restored both of the ship’s original air compressors to full operation.”

Rich Angelini, assistant curator of the museum destroyer, USS *Joseph P. Kennedy Jr.* (DD 850) said in a note of thanks, “Due to our future requirements for hull work and having been a museum for almost 40 years, we had planned to survey the ship for metal thickness for some time. The generous loan by BIW of this tester saved us thousands of dollars and cannot be underestimated. With our museum being designated the National Destroyers Memorial, we certainly appreciate the support of our Nation’s premier builder of Destroyers.”

Jim, who plans to attend future Field Day events, said, “This was a great opportunity to meet and talk with other destroyermen, to hear their experiences



and what life was like on older cans. There were men who served on *Gearing*, *Sumner*, *Forrest Sherman*, and *Fletcher* ships and one that served on a *Clemson* class DD. Including my service on *Spruance* and *Burke* class ships, that was an amazing amount of experience in one spot.” 



Clockwise from left: Jim enjoying some fresh air after working in enclosed spaces where conditions reminded him how different life was on these older ships. The Field Day crew topside, with Jim far right on the gun turret.

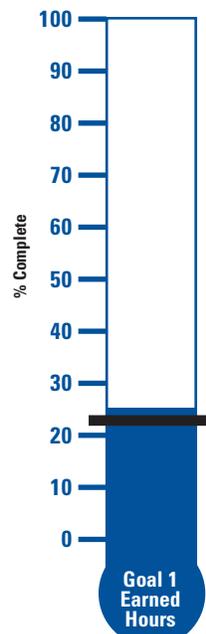
## Performance Incentive

### Performance Period

April 4, 2011–October 2, 2011

Period 3 Goals Status: As of June 12, 2011

- 1. Achieve 4,421,000 earned hours by October 2, 2011
- 2a. Complete 350 Tradeworks on Hull 506 by October 2, 2011
- 2b. Complete 3 Machinery Space GI's on Hull 506 by October 2, 2011
- 3a. Complete 55 of 60 DDG 1000 products through Blast & Paint by October 2, 2011
- 3b. Achieve 50% complete on DDG 1001 in Fabrication by October 2, 2011
- 4. Complete erection of DDG 1000 1400 Ultra and 2200 Ultra units by October 2, 2011
- 5a. Complete the DDG 53 AMOD by June 20, 2011
- 5b. Complete the DDG 51 FY10 upgrade in Design by September 4, 2011
- 6. Complete 95% of DDG 1000 cable routing with all data provided to Planning by October 2, 2011



Plan Actual On Track Behind Plan Did Not Complete

Period 3 goals for the period which began April 4, 2011 are shown here with current status. Contact your supervisor for more information regarding the Performance Incentive Program.

# Supervisor Development Training Continues

In recent years, BIW has focused on providing supervisors with formal training to increase or enhance their skills as a supervisor and promote higher job performance as well as job satisfaction.

Pat Conley (D46), Director of Management Development and Training, said, "The Training and Development Staff provides a variety of programs in support of our Front Line Supervisors. We recognize both the complexity and the importance of the roles they perform and we do whatever we can to make their jobs better and increase their overall effectiveness."

BIW currently provides formal training to front line supervisors through two programs.

The Supervisor Development Program is a Manufacturing-focused program which partners with Central Maine Community College (CMCC) in Auburn to provide academic classes at CMCC and Manufacturing job rotations at BIW. The six individuals shown here and listed to the right, recently graduated from CMCC with a certificate in Business Administration and Management after completing 16 weeks of academics at CMCC and 16 or more weeks of manufacturing on-the-job training at BIW.

The Newly Promoted Supervisor Program teaches basic supervisory skills to all supervisors newly hired or promoted across the company. Recently, 19 individuals noted to the right completed 40 hours of training in the Newly Promoted Supervisor Program.

Michelle Wyman (D46), Manager of Employee and Organizational Development, said, "We continue to modify these programs to enable our Front Line Supervisors to respond to the challenges of our changing workload."

In April, BIW was recognized by CMCC as its Corporate Partner of the Year for our involvement with and support for our Supervisor Development Programs.



Recent CMCC graduates of the Supervisor Development Program include, l to r: James Ouellette, Wayne Ladner, Charles Davis, Jacob Mitchell and Brian Lacroix.

## Supervisor Development Program Graduates

Name	Dept.
Charles Davis	Pipefitting
Brian Lacroix	Electrical
Wayne Ladner	Shipfitting
Jacob Mitchell	Electrical
James Ouellette	Machine Shop

## Newly Promoted Supervisor Program Graduates

Name	Dept.
Jamie M. Blow	Welding
Travis Clark	Blast / Paint
Dennis N. Cochrane II	Welding
William C. Collins	Preservation Technician
Richard S. Dibiasse III	Welding
Ashley Douglass	Procurement
Lawrence A. Estabrook Jr.	Welding
John J. Fiset	Structure
Tom Guth	Production Design
Duane C. Heal	Facilities
Mark Kidd	Functional Engineering
Christopher S. Knight	Pipefitting
Dan Lafond	Production Design
James Lemieux	Welding
Scott E. Lowe	Welding
Michelle Riley	Functional Engineering
John F. Stevens Jr.	Pipefitting
Scott L. Wood	Welding
Bryan W. York	Warehousing

## BIWRA Events



### BIW Family Day at a New Location

BIW Family Day is Saturday, September 17, 2011 (rain date Sunday, September 18, 2011) and this year it will be held at a new location, FUNTOWN USA, in Scarborough. BIW Employees, retirees and their families are invited. Tickets go on sale August 1, 2011 in the BIW Employee Store and other locations. For more information, look for upcoming BIWRA flyers and online at [gdbiw.com](http://gdbiw.com) (click on For Employees, then BIWRA).

The BIW Recreation Association promotes athletic, social and cultural activities for BIW employees, their families and guests. It is managed by volunteer BIW employees.

**BIW** May 2011  
**Service  
 Anniversaries**

**Dept. Name**

**35 Years**

- 24 Munsey Jr., Douglas Clifton
- 40 Darling, David Albert
- 43 Guimond, Adrian Richard
- 53 Steiner, Jerry Louis

**30 Years**

- 08 Frantz, Stephen Anthony
- 08 Masse, Patrick Joseph
- 09 Deprey, Michael Paul
- 10 Camic, David Edward
- 10 Pickering, William Harley
- 13 Crocker Jr., Richard Lowell
- 13 Szczepanski, John Eric
- 15 Kingsbury, Steven Clifton
- 15 McPhee, Todd Whitney
- 20 Desrosiers, Roland Gilbert
- 20 Lebrun, James Raymond
- 24 Bonenfant, Paul Joseph
- 25 Bossie, Norman Patrick
- 25 Capen, Glen Alton
- 25 Lancaster Jr., Hugh Nelson
- 32 Gendreau, John Kenneth
- 32 Hersom, Martin Lynn
- 40 Hyde, Randall David
- 43 Curran, Timothy
- 43 Cyr, Michael Edward
- 43 Perkins, Matthew Stanley
- 43 Thomas, Charles Fiske
- 43 Tibbetts, Richard Allen
- 45 Dowd, Tamara
- 50 Chamberlain, Gary Pierre
- 50 Dunton, James John
- 66 Gamage, Gary Carleton
- 80 Moody Jr., Horace Winfred
- 81 Dickson, Louis James
- 81 Seigars, Janet Lee
- 86 MacDonald, John Arthur
- 86 Morehouse, Jana Rae
- 86 Rossignol, Camille Louis
- 87 Brilliant, Michael Steven
- 91 Jones, Barrett William
- 94 DeMartini, James Edward

**25 Years**

- 71 Decosta, Marsha Alice

**10 Years**

- 43 Sutter, Joan Ellen
- 43 Whiter, Brian Thaddeus

**5 Years**

- 24 Dumont, Derek Jay
- 40 Giza, Michael Merlin Seneca
- 40 Metcalf, Mark Eugene
- 40 Ustaris, Jason Alcazar

# Tin Can Displacement

**T**oby Bell (D05), DDG 1000 Estimating Section Manager, recently joined his youngest son, Carson, in Mrs. Libby's Second Grade class at the Mabel I. Wilson Elementary School in Cumberland. Toby had two goals: first to explain what Carson's dad does at BIW and second, to conduct a science experiment on how ships float.

He explained, "Mike Nutter gave me some posters of BIW-built destroyers which I hung up to illustrate the kinds of ships we build. I knew the kids had a field day that morning so I asked them what they did. One girl told me that there was a relay race where they passed a cup of water down a long line. I asked her how it went, and she said really well, they still had a full cup of water at the end because they were very, very careful every time they passed it to the next person.

I congratulated them on their team effort and said 'Did you realize that you learned a lot about shipbuilding this morning?' I told them that building a ship requires me and over 5,000 of my BIW teammates to do our jobs every day." He added, "Mrs. Libby gave me good marks for slipping teamwork into the discussion."

To illustrate how ships float, Toby had the class conduct an experiment using soda cans. Several students flattened some empty cans by stomping on them to create a "steel plate" and Toby noticed that the young scientists were thrilled to participate in an activity which otherwise might have earned them a trip to the principal's office.

Then each student put a marble into an intact soda can which represented a ship. Toby told the first student, "Your marble represents the ship's engines" which elicited the response, "Your (BIW) ship is bigger than my Dad's boat!" He told others that their marble was "the ship's generators; its fuel ('what happens when ships run out of gas?'); the ship's anchors; walk in refrigerators and freezers ('my grandpa hangs bears in his'); the all-important ice cream machine ('just like the one at the Food Stop'); and finally, the captain and crew."



Left to right: Harrison, Carson and Toby Bell checking the props for Toby's talk to Carson's second grade class.

At the end, the can held 23 marbles and Toby explained that they had fully outfitted a ship. He then challenged the class to think about what would happen if they put the can in the water—would it float or sink? What about the flattened can?

Toby said, "The class came up with many hypotheses, but in the end, the flattened can sank and the can full of marbles floated, even though it was heavier. I explained that BIW is made up of a lot of smart people with good skills who work hard as a team and take flat steel plates which would normally sink and turn them into very big, capable ships that float. I explained to the class that they should be very proud that people from Maine build the best ships in the world."

And so it went for a full hour. Toby said, "I was impressed with the ability of the class to think creatively. The 'experiment' required all of them to participate and that gave them a different perspective on teamwork. And it was fun. What second grader doesn't want to stomp on a can in class? I also gained a greater appreciation for the skill of teachers like Mrs. Libby who are dedicated to their students' success."

Toby is thinking about next year's version of "What my dad does at BIW" in case he's asked back. 

# Ergo Cup Goes Quarterly

The Ergonomic Cup, awarded for the best ergonomic solution which also offers cost and quality improvements, will be awarded quarterly during 2011 with an overall winner selected at the end of the year.

The first quarter winners are Tom “Wizard” Curtis (D20) and Rodney Douglass, (D10) for their Bobcat Waster Bar Backhoe solution. Previously, waster bars were manually removed from burning trays with crowbars, sledge hammers, jack hammers and sometimes skidsteer forks, requiring a lot of physical exertion. Tom proposed modifying a Bobcat backhoe with a “bucket and thumb” so that the trays can be cleaned by machine, in this case, a backhoe with the operator inside the cab using hand controls. Rodney worked with BIW Safety and the equipment manufacturer to obtain agreement with their proposal and permission to modify the equipment.

Ergonomically sound, their solution removes the potential risks of manually operating jack hammers, sledge hammers and crowbars. Weather no longer impacts the schedule and overall improvement in efficiency and labor cost is significant. Quality is improved due to a consistent, repeatable method of removing slag, trays are less likely to be damaged, fewer repairs are required, and waster bars can be installed more easily.

Tom and Rodney are enjoying their Ergo Cups (coffee cups) and will be in the running for the annual Ergo Cup, a real beauty that rivals the Stanley Cup which recently returned to New England, but is easier to lift.

The deadline for second quarter entries is July 1, 2011 and the deadline for the third quarter is September 1. Any past solution that is currently in use and being sustained is eligible to enter. All entries are evaluated by the following criteria:

- Ergonomic risk reduction and safety
- Origination and development
- Innovation
- Simplicity
- Scalability and sustainment
- Cost savings/ROI
- Cost to implement

For more information, contact Ben Zavitz (D52) at ext. 2219. 



Tom Curtis and Rodney Douglass.



Tom Curtis operating the modified backhoe.



## Welcome

The following employees joined BIW during May, 2011. Please welcome them.

Name	Dept.	Name	Dept.
Abbott, Benjamin Ryan*	3000	Holbrook, Mark Randall*	1900
Adams II, Richard Deane	0606	Hutchinson, Katie*	0800
Arsenault, Thomas Edward*	0900	James, Marc Raymond*	1500
Bailey, Darryl David*	1900	Jenkins, Scott Allen*	1500
Beaulieu, James Edward*	1500	Johnson, Travis Mark*	3000
Benner, Mark Allen*	5000	Kane Jr., Cecil Walter*	0900
Bernard, Ronald Paul*	6600	Keniston, Peter Stephen*	1900
Black, Eddie Joseph*	3000	Laberge, Tyler Joseph*	1500
Blodgett, Dale Forrest*	8700	Leask, Steven Henry*	0900
Blomquist, Shaun Alan*	3000	Lessard, Ronald Wilfred*	6600
Bois, Antoine Donald*	1700	Lewis Jr., Richard Mark*	3000
Bolduc, Matthew Rolland*	1500	Lindsay, Scott Stephen*	1900
Bonang, Richard Alden*	2000	MacArthur, Christopher Michael*	3000
Boyd, James Butler*	1300	Mace, Quentin Shane*	1900
Brackley, Justin Robert*	1500	Marks, Ashley Marie	0800
Butcher, Arthur George*	1100	Martin Jr., Richard Leon*	6600
Buzzell, Celia Ardean*	1100	McFadden, Scott William*	1100
Carter, Dustin James*	2500	McMillan, Angel Eleen*	1100
Cornish, Steven Lane*	1100	Myers, Glen Lee*	1900
Creamer, Bruce Allan*	1100	Norton, David Lannes*	1500
Cyr, Marcel Raymond*	2500	Oakes III, Fulton Donald*	4000
Davidson, Noble Grant	8400	O’Hearn, Michael Timothy*	1900
DeFauw, Matthew Robert	4000	Ouellette, Albert Oscar*	2500
Deschenes, Richard Paul*	1700	Palmer III, Lawrence Waldron*	1100
Dilley, Brian Gene*	5000	Paquette, Susan Marie*	6600
Duquesnoy, John Michael*	1500	Patrie, Tamra Lee*	6600
Dylewski, Mischa Stanis	8400	Pease, Mark Nathan*	1500
Dynan, Kevin Timothy	7700	Peters, Matthew Thomas*	1500
Evans, Timothy Wayne*	6600	Phillis, Stephen Pau*	1700
Fabus, Jason Peter*	2000	Pitcher, Shawn R*	6600
Faulkingham, Chris Allen*	6600	Poulin, Carol Joan*	6600
Field, James Joseph*	1700	Raymond, Angelina Elizabeth*	1100
Fitzpatrick, Rhonda Lynn*	6600	Raymond, Michael Gerard*	2500
Fontaine, Richard Gary*	1900	Richard, Daniel Gerard*	6600
Fortin, Chad Allen*	3000	Richard, Scott Foster*	1500
Friss, Ralph Gordon*	0900	Sampson, Penny Darlene*	1900
Giannelli, Clint Justin*	2700	Smith, Margaret Virginia	2400
Glueck, Peter William*	8700	Sorenson, Scott Sterling*	2000
Halpin, Timothy Frank*	1500	Stacy Jr., Michael McKown*	2000
Harper, Brent Garland*	0900	Stahl, Jessica Louise*	2400
Hatch, Richard Elroy*	5000	Stevens, Leonard Milton*	1700
Hayes, Randall Joseph*	0606	Sukeforth, Bruce Myron*	1700
		Tardiff, Leo Albert*	0606
		Weeks, Christopher Jefferey*	2500
		Weeks, Timothy W*	1500
		Welch, Chris Michael*	1500
		Weymouth, Ian Millbrook*	8700
		Wing, Roy Thomas*	1900
		Ziobrowski, Martin*	1500

\* Returning employees

# GENERAL DYNAMICS

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## Friends of BIW

**D**ugan Shipway, former President of BIW, and Mike Toner, former Executive Vice President, GD Marine Systems, visited recently to walk the shipyard and offer a few observations. They send their best wishes to all of the shipbuilders of BIW.

