

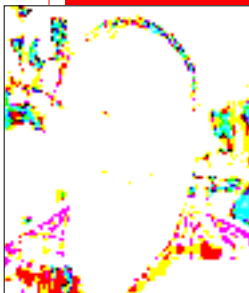


Inside CWM is published by Chicago White Metal Casting, and its CNC Technologies and Contract Manufacturing Divisions, for all of our employees and for our sales representatives and supplier partners who are equally vital to our success. Visit us at: www.cwmdiecast.com/ www.cnc-technology.com/ www.cwm-contractmfrg.com

Redesigned CWM Website Set for Nov. 18 Launch with Enhanced Features for OEMs

26-Year CWM Veteran

In May of 1979 Marcos Barrera joined the Chicago White Metal family as a trim press and deburring machine operator. Soon after



Marcos Barrera

his arrival he fell in love with a fellow co-worker, Christina Marchan, and they eventually married.

Over the years, Marcos grew with the company. He became a die casting trainee and quickly helped pioneer CWM's move into magnesium die casting. Later he became a lead die caster and eventually rose to the position of Magnesium Department Team Leader. Marcos introduced us to additional family and friends who joined the CWM team, including his brothers Jesus, Luis and Manrique who today are part of our great family.

Marcos' approach to challenges was to constantly search for solutions—CWM's advances in magnesium die casting production had much to do with his determination and dedication.

On Friday, Sept. 30, 2005, Marcos was taken from us suddenly. No words can express the pain and sorrow we are feeling right now with the loss of our very good friend and close member of the CWM family. Please keep the Barrera and Marchan families in your thoughts and prayers. We will always remember Marcos' immense contributions to CWM and his endless devotion to

Building on its success in using the internet to help OEMs learn more about the capabilities and quality of its services, CWM is posting a completely redesigned website, for a more valuable web presence for potential CWM customers.

It will offer enhanced benefits to OEM designers and specifiers as well as to CWM Sales Representatives. It incorporates the latest techniques of good web design and conveying maximum information quickly, including the following features:

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A new Gallery of Applications and a Resource Center, with a wider array of OEM design aids, are features of CWM's redesigned website.

Brian Andrews Named VP of CNC Production

Brian Andrews has been appointed VP, Production, of CWM's CNC Machining Technologies Division, in charge of all production operations. He is a 14-year veteran of this advanced machining facility and a member of the Tooling and Manufacturing Assn. His machining background includes three years at Douglas Aircraft, where he did engineering and programming for the DC10-MD11, MD80 and the C17 cargo plane.



Brian Andrews

Brian holds a BS degree in Numerical Control Technology from Northern Illinois University and resides in the Chicago suburb of Schaumburg with his wife, Anne, who is Accounting Mgr. at Chicago White Metal. ■

family and friends. We were truly lucky to have known Marcos and to have had him as part of our family as long as we did. ■

The CWM Golf Outing Celebrates Its 25th

The 2005 CWM Golf Outing celebrated its 25th Anniversary at the Bloomingdale Golf Club with ideal summer golfing weather and overflowing good fellowship among attending CWM employees, supplier partners and friends of Chicago White Metal Casting.

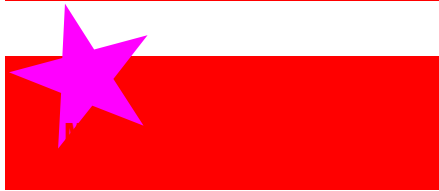
Comments heard at the end of the day ranged from "what a great time" to "looking forward to the next one."

50 Happy Golfers and Guests

An afternoon field of forty golfers included several who have attended every one of the event's 25 annual outings. They were joined by 10 additional guests for a bountiful evening dinner at the Bloomingdale Club.

CWM award for the "Lowest Score" went to Pablo Zalduendo, financial planner. Five golfers shared in the day's "Closest to the Pin" award.

Co-chairs for the day were CWM's Tom Mrock and Eric Treiber, with Melinda Gonzalez serving as their able assistant. Eric issued special thanks for all of the behind-the-scenes efforts of Tom and Melinda, with a toast to Tom as once again performing the especially heavy lifting that makes this annual outing such a great success. ■



These CWM employees have been honored as Employees of the Month.

February: Mariusz Siwiak

Mariusz, a member of the tool and die department, effectively utilizes information like last shot data to make sure accurate tooling adjustments are made as required for future production. He is also quick to offer unsolicited support to other CWMers.



Mariusz Siwiak

March: Leo Guerrero

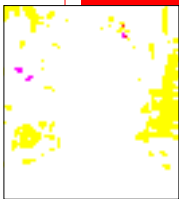
As CNC production assistant, Leo has taken over many new responsibilities, from training and setup to first piece approval and inspection. He's also worked hard to insure a seamless shift change with consistent quality and output.



Leo Guerrero

April: Ping Lau

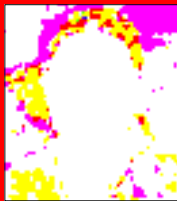
Ping, a long-time member of the QA staff, has assumed greater responsibilities in the last year, ensuring that all of CWM's gauge calibration requirements are satisfied in-house. Her contributions to first/last piece inspections are key to CWM quality.



Ping Lau

May: Marisela Tamayo

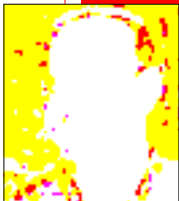
Adapting quickly to a challenging position as traffic department secretary, Marisela has shown diverse skills and an abundance of energy. Working at CWM for less than a year, she has demonstrated courtesy and professionalism.



Marisela Tamayo

June: Algje Crivens

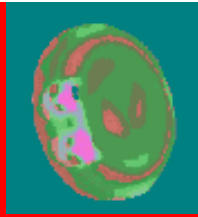
Algje performs a variety of assignments for the quality assurance team, including first/last piece inspection, internal audits, and calibration. A team player, he has demonstrated a high degree of commitment over his eight-year tenure with CWM.



Algje Crivens

1st-Piece Success Demonstrated with CWM's Magmasoft® Die Cast Process Simulation System

The in-house process simulation technology of Chicago White Metal Casting has been upgraded with the licensing of the powerful Magmasoft® high-pressure die casting simulation software system. This advanced software enables more rapid and accurate projections of die fill prior to die construction for the highest-quality eventual casting results.



Interfacing with customer CAD files, extensive databases, and its 3D modeler, the new software allows rapid analysis of a product's design, tooling, and projected process variables for optimum first-piece success. John Stocker, VP, Engineering, believes that the Magmasoft system is, today, the best predictor of the performance of a die casting die design. It provides a best estimate

of the mechanical properties that can be expected in the final cast part.

The bottom line for CWM's OEM customers is reduced lead time, improved quality assurance, and lower costs.

The Challenge of a Gold-Plated Dome

Critical cosmetic plated finishes for die cast part surfaces are always one of the more challenging specs for the die casting process.

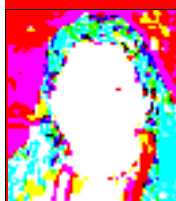
A current project for an aluminum die cast dome-shaped design required a gold-plated finish: the combination of this plating specification and the part's shape meant the optimum surface finish casting challenge.

After inputting the customer's CAD files and developing the optimum tooling design for the project, use of Magmasoft process simulation software enabled CWM engineering to predict the precise effects of final metal flow on the critical finished surface.

First-Piece Success Achieved

After a series of refinements in the tooling design and repeat simulations, the design was released for die tooling construction. The final result: first-shot success. ■

July: Melinda Gonzalez



Melinda Gonzalez

In recent months Melinda surpassed the high standard she had already set in the client support department, putting in long hours to ensure that customers received a superior level of service when the staff was short-handed.

August: Eugene Thomas

Eugene, a member of the quality assurance department, has been providing training in inspection methods in the machining/subassembly area as well as receiving specialized training himself.



Eugene Thomas

September: Judy Rhodes



Judy Rhodes

Already named Employee of the Month for January, Judy is valued for performing a huge volume of work at a high standard of quality, with unfailing respect for her co-workers.

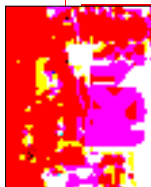
Environmentally friendly trivalent chromium is now a proven, economical alternative to toxic hexavalent chromium coatings, offering high corrosion resistance for Al, Mg and Zn die castings in a range of applications.

With a bright, cosmetically pleasing finish, this alternative conversion-functional coating will allow CWM customers to meet stricter commercial and U.S. and European Union environmental mandates, avoiding the concerns with soon-to-be-prohibited hexavalent chromates. Next year, new European environmental regulations are expected to forbid the shipment of any products into the European market which carry the toxic hexavalent chromate finish.

Results of tests to ASTM standards demonstrate salt-spray protection for trivalent chromium coatings of up to 168 hours on Al 380. For a "Tech Brief" on Trivalent Chromate, contact the CWM Sales Dept. ■

Redesigned CWM Website

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Engrg. Bulletins

Easier to Get Around

Visitors will know where they are at all times, with pop-ups indicating page content before going there. A *Site Map* page provides an outline with links to all pages on the site.



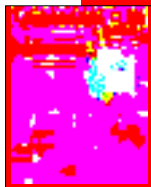
Online Quote Request Forms

Three online RFQ forms will simplify submission of quotations for Al, Mg & Zn Die Castings; Miniature Die Castings; and CNC machined prototypes or volume machining production.

Tech Briefs

New Rep Locator Section

All CWM Sales Representatives are listed by individual Email addresses with copies to their Rep headquarters, as well as to CWM.



Case Studies

More OEM Design Aids

A new *OEM Resource Center* section, made up of an expanded selection of over 50 valuable die casting design guides and aids for product designers & engineers and design consultants, will be easily available. Examples of five of the seven Resource Center categories are illustrated here; most items available by instant downloading.

Design Guides

Target Posting Date: Nov. 18

The new site is targeted for posting Nov. 18 at: www.cwm diecast.com/ You can preview the new CWM Resource Center content right now at: www.cwm-lit.info/RCpreview3/



Design Manuals

Special Metals Founder Tom DeHart, Sr. Retires

Tom DeHart, Sr. a Midwesterner who fell in love with California, developed a similar attachment with his customers. Tom, who retired in September, was the longest serving sales representative in the 68-year history of Chicago White Metal Casting.

His engaging personality will surely be missed by those he counseled as well as by all his friends at CWM, who wish him a fulfilling retirement. He leaves knowing that Special Metals Supply, serving AR, CA & NV, is being brought to a whole new level by the innovative leadership of his son, Tom, Jr. ■



CWM President and Chief Operating Officer Eric Treiber, shown enjoying his appreciative sisters, (left to right), Kara, Kim and Kristin.

We would like to congratulate our brother, Eric Treiber, on becoming the new President of Chicago White Metal Casting. Eric is the third generation in the Treiber family to continue on with the company. Some family businesses don't make it past the second generation, or if the third progeny carries on, that person may rest on his or her laurels with no real drive or passion to make the business work.

This is not the case with our brother, Eric. He has always had the entrepreneurial instincts and the gusto and conviction to succeed in all of his business endeavors. It is no surprise, then, to those who know him that he has taken on this new role at Chicago White Metal with a real passion and drive, coupled with his years of business experience, hard work, talent and humor.

We could tell you some funny stories about Eric, one of our favorites being the time in high school when our parents went out of town for the weekend and Eric decided to throw a huge party at the house. He moved every piece of furniture on the first floor into the basement so as to jam as many teenagers into the house as possible. Of course in his efforts to always think ahead, he put down masking tape at

perfect 45 degree angles where the furniture had been so he could reconstruct the decor before our parents arrived home. We fondly refer to this as German engineering. By the way, it became a legendary party.

Now Eric is married to a wonderful woman, Meri, and they have two amazing children, Ryan and Kylie. He has always been a role model for us as a person who is very determined to achieve the best in life through hard work and perseverance. Just like our father, Walter, and our grandfather, Walter Sr. It is with the utmost confidence that we know Eric will steer Chicago White Metal to even more success and growth with the wise counsel of our father, just as the company grew under his guidance and leadership.

Walter Treiber Sr. would be so proud of his family, knowing that a business he started in a warehouse loft in 1937 has grown to such a success today. In 2007, Chicago White Metal will celebrate its 70th anniversary. What an achievement!

Congratulations, Eric, you are an amazing brother, husband, father and friend and role model for so many people. You're the best!

*With love,
Kim, Kristin and Kara Treiber*