Timet Announces Management Promotion

Dallas, TX -- Titanium Metals Corporation (“TIMET” or the “Company”) (NYSE: TIE) announced today that Bobby D. O’Brien has been named Chief Executive Officer, in addition to his current position as President.

Mr. O’Brien has served as President since 2007 and previously as Executive Vice President and Chief Financial Officer of TIMET. He has held executive officer and financial positions with TIMET’s parent company, Contran Corporation, and related companies since 1988. Steven L. Watson will continue to serve as

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What’s New in Titanium?

Solar Atmospheres of Western PA and RTI
International Metals Enter Into Long – Term Supply Agreement

3/18/10 -- Solar Atmospheres of Western PA, located in Hermitage, PA, announced today that it has signed a long term agreement with RTI International Metals, Inc. (NYSE:RTI). Solar will provide the services of Vacuum Heat Treating, Vacuum Creep Forming, and Fluorescent Liquid Penetrant Inspection (NDT) of structural titanium components, manufactured by RTI, for the Boeing 787 Dreamliner. Solar is the exclusive vacuum heat treater for the 787 PAX Floor Pi-Box Seat Track Program. RTI, as the lead integrator among the multiple supply chain partners, will extrude, machine, and assemble the finished titanium components used for the seat tracks in the floor structure of the 787. This requirements- based contract extends Solar’s role as a strategic supplier to RTI.

Solar Atmospheres of Western PA’s President, Bob Hill, states “Solar has been under long term contracts for aerospace products that are supplied to The Boeing Company since 2000 and this contract continues to strengthen our position in the aerospace market. Once again Solar has proven itself as a leader in vacuum technology while displaying our dedication to hurdling any technical issue which is inherent within any new program involving an airplane”.

For more information please contact Solar Atmospheres at 866.982.0660 or visit their website at www.solaratm.com.

Hempel Special Metals Strengthens its Managing Team

In the past few years the Hempel Special metals group has pushed forward with its expansion through the further development of its service activities, the setting-up of locations abroad and the acquisition of established companies. Focusing on customer proximity and quality awareness has provided significant support for this strategy.

With the acquisitions last year of one of the leading customization centres in Germany – ESB in Monchengladbach – a further step was taken in the direction of the company’s strategy of positioning itself as an important service provider for flat products in Germany in the field of rustproof, nickel and titanium materials.

In order to safeguard the acquisitions it has made up to now and further develop the corporate group, Hempel Special Metals has expanded its management team. As the new Managing Director of Special Metals GmbH in Oberhausen and ESB GmbH in Monchengladbach, Dr. Markus Holz assumes responsibility for these companies from January 1, 2010 on. Furthermore, Dr. Holz will in future be coordinating the marketing activities of our trade and service centre business of the Hempel Special Metals Group in the UK, Scandinavia, Benelux, France and Italy, as well as the group’s industrial titanium activities. Mr. Andre Hempel remains the Managing Partner of the activities of Hempel Special Metals in the growth markets of Eastern Europe (from Poland) and Asia (from Hong Kong).

Previously Dr. Holz has worked in various managerial capacities and as a Managing Director at companies within the ThyssenKrupp Group, with his last position being the Chairman of the Board at ThyssenKrupp Titanium. He has many years’ experience in the field of high-performance materials, i.e. rustproof stainless steel, nickel alloys and titanium.

For more information visit their website at: http://www.hempel-metals.com/
What’s New in Titanium?

Aerodyne Alloys Announces the Appointment of John Mailley

South Windsor, CT -- Aerodyne Alloys is pleased to announce the appointment of John Mailley as Regional Product Manager. This newly created position is yet another step in providing an extraordinary level of service solutions to customers.

John will be responsible for bar and plate product sales, serving customers in New Jersey, Pennsylvania, Long Island, Fairfield County in Connecticut, the New York counties of Richmond, Queens, Kings Bronx, New York, Westchester, Rockland, Putnam, Orange, Duchess, Ulster and Sullivan.

John brings a wealth of experience to our customers. He’s worked at Carpenter Steel, Thyssen, Allegheny, and Ulbrich. He has helped a host of businesses with specialty solutions throughout this territory for some 30 years. Now with access to the breadth of advantages from Aerodyne and UPM, John will expand opportunities for improvement and solutions to many businesses.

A graduate of Seton Hall University, John and his wife Emmelyn reside in Springfield, New Jersey. They have 2 children and 6 grandchildren. His position with Aerodyne took effect in mid January. We are pleased to welcome John to our exceptional team of people.

A new level of performance in titanium milling

Not one but two new grades to tackle the extreme demands of titanium milling are now being launched by Sandvik Coromant. Together these grades amount to a new level of reliable long lasting performance. Grades S30T and S40T are available for a variety of CoroMill cutters for face, shoulder, long-edge and high feed milling, plunging, profiling and slot milling.

Grade S30T for speed and tool life -- S30T has been developed with productive titanium milling in focus. It combines the properties of micro-grain carbide and a wear resistant PVD coating. This enables very sharp cutting edges that resist fatigue and micro-chipping and result in cutting edges that are preserved for longer times in cut at higher cutting speeds.

Grade S40T for difficult conditions -- S40T is developed for difficult conditions. It combines high toughness cemented carbide with a thin CVD coating. The result is a grade that withstands vibrations and other difficult cutting conditions for longer times in cut. The wear is predictable, making the cutting edge gradually duller without breaking.

Sandvik Coromant - Sandvik Coromant is a world-leading supplier of cutting tools and tooling systems for the metalworking industry and is represented in 130 countries. 25 state-of-the art Productivity Centers located around the world provide customers and staff with continuous training in tooling solutions and methods to increase productivity. Sandvik Coromant is part of the Tooling business area of the Sandvik Group. Contact details for editorial enquiries: Kent Nordin, Tel: +46 26 266081, Email: kent.nordin@sandvik.com or visit their website at: www.sandvik.coromant.com.

Metalysis Launching Pilot Cell In UK To Pursue A Novel Recipe For The Production Of Titanium

Mark Bertolini, the chief executive officer of Metalysis Ltd., South Yorkshire, UK, waxed nostalgic when recalling a recent journey through southern Italy. His most vivid memory involved dining at a modest restaurant where he enjoyed an appetizer of cheese, tomato slices and olive oil. The dish was elegant in its simplicity; the ingredients were basic and inexpensive, but the quality was superior.

He maintains an appreciation for the very same qualities when describing the work of his company to ramp up a novel process for producing titanium. The FFC Cambridge technology, as described on the company’s Web site (www.metalysis.com), removes oxygen ions from metal oxide within an electrochemical cell. The technique allows for the ability to combine different metal oxides to create titanium alloys—without melting. Bertolini explained that the ore feedstock is same titanium dioxide used for paints, pigments and consumer sunscreen products. The mineral sands of Russia, Australia and South Africa provide an abundant, global raw-material source.

Metalysis this year will commission a pilot production cell located in a small town near Sheffield, UK. Equipment for the cell, currently being installed and tested, represents an initial capital investment of “single-digit” million dollars. Once the cell is fully scaled up by year end, annual production capacity would be “tens of

Continued on Page 13
Vulcanium Metals International Welcomes Thomas Ziert

Vulcanium Metals International, a titanium stockist located in Newtownards, Northern Ireland, is proud to introduce Thomas Ziert as its newest European Business Development Manager. Since 1997, Ziert has worked in titanium sales for medical, aerospace and industrial applications, managing key accounts and negotiating international marketing plans for some of the most prominent names in the European metals trade. He now brings the depth and breadth of his experience to Vulcanium’s customers.

Ziert comes on board just as Vulcanium Metals International announces it has received both AS9100 and ISO 9001 certifications for its UK facility. At its UK service center, Vulcanium stocks sheet, plate, and bar, and provides FIRSTCUT+ Services, a comprehensive suite of first-stage processing and inventory solutions to reduce supply chain costs and production bottlenecks. Visit Vulcanium at www.vulcanium.com.

An Acid Free Solution

Introduced in 1993, Multi-Etch has replaced nitric/ hydrofluoric acid solutions for many titanium processors. Water clear Multi-Etch contains no acids. It has a pH of 6.6 which is almost neutral (7.0). An independent occupational safety and health laboratory conducted a safety evaluation of Multi-Etch. Their assessment states, “...the mixture, if handled properly, is not a highly dangerous solution.”

The titanium sample shown (#1) was masked, scratch brushed and activated with Multi-Etch within the triangle. The mask was removed and the whole piece anodized. The activated area easily produced a full range of brilliant high voltage colors. The residual oxides and impurities of the un-etched areas proved to be highly resistive to anodizing.

Shipped dry in either pre-labeled bottles or plastic bags the processor needs only to add distilled water. Used at full strength and heated, only a few seconds of agitated submersion is required. The products are then rapidly rinsed and anodized immediately. Applications include decorative, dental, medical and aerospace.

Hazardous shipping is required and precludes many foreign ports. Available exclusively from Reactive Metals Studio Inc. For more information contact: 800-876-3434 Fax 928-634-6734 info@reactivemetals.com, www.reactivemetals.com

Arnold Magnetic Technologies Corporation Announces Sale of Its Powder Core Business Unit to Micrometals, Inc.

Arnold Magnetic Technologies Corporation (“Arnold”) announced the sale of its powder core business unit located in Shenzhen, China to Micrometals, Inc. of Anaheim, California. Tim Wilson, CEO of Arnold, reports that “the sale was a win/win transaction for both parties as it provides Micrometals with the ability to expand its product offering, and allows Arnold to focus on its permanent magnet, precision assemblies, flexible magnet and thin strip and foil businesses. 2009 was a strong year for Arnold in spite of the economy and this divestiture will help us bring more focus to the central businesses that Arnold has served for over 100 years. In addition, it gives us the capacity to accelerate our investments in expanding rare earth magnet production which is crucial to the nation’s green energy initiatives. This follows our announcement in mid-2009 to begin production of neodymium iron boron magnets in the United States.”

Arnold will continue to operate two facilities in China producing injection molded magnets and value added assembly work for the reprographics industry and other commercial uses. Additionally, Arnold serves customers globally from its other six locations in the US and two facilities in Europe. The full line of powder cores will continue to be manufactured by Micrometals at the factory in Shenzhen, China. The part numbers will remain unchanged, and the supply chain will remain intact to provide a seamless transition.

For more information please contact Rob Strahs at rstrahs@arnoldmagnetics.com or Joseph Barbeito at jbarbeito@micrometals.com.
Argex Silver Capital Inc.

Argex Silver Capital Inc. intersects massive vanadium rich titaniferous magnetite on its 100% owed Lac la Blache property near Baie-Comeau, Quebec. The historic resource has been known for many decades, but due to the high grade nature of the titanium in the rocks, the deposit has sat relatively dormant for more than 50 years. Now Argex is looking to using modern hydrometallurgical process to produce TiO2. The proposed technologies would have a low carbon footprint. Having a deposit on the north shore of the St. Lawrence River in Quebec gives you access to deep water ports and inexpensive hydro electric power.

The recent drillhole results from the West Hervieux occurrence have reported some very consistent and high grade iron, titanium and vanadium results. Additional samples are in the lab and Argex anticipates completing a mineral resource calculation in early summer once all the drilling results have been received and complied. Argex continues to aggressively drill the Lac La Blache property with a 12,000+ metre drill program underway. Expectation is that drilling will be complete by late May 2010.

Argex’s plan is to become North America’s next Titanium mine, and anticipates producing high quality TiO2, Fe2O3 and V2O5 for the chemical and steel industries globally.

For additional information on Argex, please contact Michael Dehn, President and CEO at michael@tio2.ca or at 647-477-2382. You can visit Argex’s website for more information – www.argex.ca.

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Massive Vanadium rich Titaniferous Magnetite

Sampling the drill core

TITAL strengthens its role as strategic supplier
New certification - this time by SNÉCMA
Engine components will now be delivered pre-assembled and ready for assembly

Bestwig, Germany. The titanium and aluminum investment casting specialist TITAL GmbH located in Bestwig, Germany has positioned itself more and more as a strategic supplier. After TITAL was recently certified by Airbus France for machining and assembly work on titanium castings, the Bestwig company now performs assembly work for the French engine manufacturer SNÉCMA. Less than three years ago SNÉCMA requested quotations for a project comprised of 28 titanium engine components and 1 aluminum component. The purpose of the inquiry was to reduce lead times, simplify work processes and reduce costs. TITAL completed an extensive qualification process before the customer allowed them to ship machined castings and assembled products.

Today TITAL casts, machines and assembles titanium components for the M88 engine which is installed in the supersonic jet fighter Rafale which is manufactured by Dassault as well as parts of the GE 90 engine family. SNÉCMA delivers a substantial number of components and subsystems for these engines to General Electric. The GE 90 engines are produced for Boeing’s long distance aircraft the B777.

In the past, TITAL only produced the raw castings and delivered them to different machining companies in France. These companies machined the parts and delivered them to SNÉCMA for assembly. “Now we save this intermediate step”, explains Philipp Jerusalem, Director Sales and Marketing at TITAL. “Today we deliver these parts pre-assembled directly to the final customer SNÉCMA. To SNÉCMA we are now listed and appreciated as a tier-1 supplier. The direct contact to the end customer is of strategic importance for TITAL because only during direct discussions with the end customer great cost savings can be realized by using investment castings.” Because TITAL now acts as a general contractor for SNÉCMA, they achieve substantial savings through reduced supplier management costs. Jerusalem continues: “When we deliver the components ready for assembly, the customer does not have to deal with the management of machining and assembly suppliers. SNÉCMA’s procurement and material

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TIMET Announces Management Promotion
Continued From Page 1

Vice Chairman of the Board of Directors, and Harold C. Simmons will continue to serve as Chairman of the Board of Directors.

Steven L. Watson, Vice Chairman of the Board of Directors, said, “I am very pleased to announce the promotion of Bobby D. O’Brien to serve as Chief Executive Officer of TIMET, an office previously held by me. Bob and I have previously worked very closely together, and we will continue to do so in the future. Much of the credit for TIMET’s strong financial condition and excellent strategic position is due to Bob’s leadership and direction. As we begin to see tangible signs of an economic recovery and the strengthening of the aerospace industry, the many key TIMET initiatives Bob has undertaken will significantly benefit our business. We believe the long term industry outlook for titanium products is very favorable and that TIMET is well positioned to capture and benefit from both current and long term opportunities.”

TIMET, headquartered in Dallas, Texas, is a leading worldwide producer of titanium metal products. Information on TIMET is available on its website at www.timet.com.

What’s New in Titanium?

THE WORLD’S FIRST BI-COLOURED TITANIUM COIN!

CELEBRATE THE 175TH ANNIVERSARY OF HANS CHRISTIAN ANDERSEN’S FIRST BOOK OF FAIRY TALES

Pobjoy Mint is delighted to announce the release of a new coin to commemorate the 175th Anniversary of Hans Christian Andersen’s first book of fairy tales, launched on behalf of the British Virgin Islands.

The stories of Hans Christian Andersen are some of the most famous fairy tales in the world, including The Ugly Duckling, Thumbelina and The Little Mermaid. His poetry and stories have been translated into more than 150 languages and have inspired ballet, plays and animated films. Although his stories have an often sombre undertone, he is renowned worldwide and his birthday, 2nd April, is recognised as International Children’s Book Day. He is also celebrated by a statue of ‘The Little Mermaid’ in the capital of his native country, Copenhagen in Denmark.

In 1835, Andersen released his first book of fairy tales which were not initially well-received. The design of the coin features four stories from this initial book. The central design shows a statue of ‘The Little Mermaid,’ the story of a young mermaid so desperate to become human she takes drastic measures to fulfil her wishes. An outer design depicts Thumbelina, the story of a thumb-sized girl destined for bigger things, the Princess and the Pea – the story of a girl whose royal identity is only confirmed when she sleeps on a pile of mattresses and can feel the pea that is placed on the bottom mattress and the ‘Tinder Box’ – the story of a soldier who acquires a magical tinder box capable of summoning three dogs to do his bidding to woo a locked-up Princess. Also depicted is an impression of Andersen dreaming up these amazing stories.

The reverse of the coin is made in blue titanium while the obverse of the coin is gold coloured. This very special two-tone Titanium also has a precious metal version with a ring of Proof Fine 999. Silver. Approved by Buckingham Palace, the obverse of the coin bears a fine effigy of Her Majesty Queen Elizabeth II by Ian Rank-Broadley FRBS.

For further information about this coin and the Pobjoy range, please visit www.pobjoy.com.

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<td>10.00gms</td>
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**What’s New in Titanium?**

**EADS To Sign Technology Cooperation Agreement With Norsk Titanium Components**

PARIS / MUNICH, 3/15/10 – EADS is today entering into a cooperation agreement with Norsk Titanium Components (NTiC) covering the development of near net shape plasma-based layer manufacturing technologies for aerospace, defence and space applications.

The agreement, which will be signed in Oslo on Monday March 15, falls within the framework of EADS’ industrial cooperation strategy for Norway in the fields of research, development and production.

NTiC has developed a near net shape additive layer manufacturing technology that enables the production of high quality titanium components at a competitive cost. This process transforms inexpensive titanium feedstock into advanced components that are up to 90% finished in just three processing steps. It significantly reduces the amount of raw material that has to be machined away to make complex parts. Titanium and lightweight titanium alloys are used widely in the aerospace industry.

“EADS Innovation Works is very pleased to collaborate with Norsk Titanium Components. Our cooperation with this partner will allow us to leverage our research activities in the important areas of additive layer manufacturing technology and examine how we can better integrate its use in our research and production activities,” said Yann Barbaux, Head of EADS Innovation Works, the research and technology arm of EADS.

“The cooperation agreement with EADS represents a major milestone for NTiC as we see it as a confirmation of the potential of our technology,” said Petter Gjorvad, CEO of Norsk Titanium. “The defence and aerospace industries are the main markets for our advanced titanium components, and with the EADS support we will be able to qualify for and deliver to these industries faster, while at the same time develop our technology further,” he added.

The NTiC cooperation is supported by the Norwegian Ministry of Defence and Ministry of Trade and Industry. The agreement will be a key step for NTiC to become a significant supplier to the important aerospace and defence market for titanium components. NTiC will cooperate with EADS Innovation Works as well as EADS Divisions such as Airbus and EADS Astrium.

EADS’ new Norwegian subsidiary, EADS Norway NUF, officially started operations in February, 2010.

About EADS -- EADS is a global leader in aerospace, defence and related services. In 2009, the group - comprising Airbus, Eurocopter, EADS Astrium and EADS Defence & Security – generated revenues of €42.8 billion and employed a workforce of about 119,500.

About Norsk Titanium Components -- Norsk Titanium Components AS is part of the Scatec Group, a company that focuses on renewable energy and environmentally friendly “advanced materials”. Norsk Titanium Components AS was established in 2007 with the objective to create a leading “near net shape” titanium manufacturing business based on new plasma transfer arc additive layer manufacturing technology. Serving the oil and gas, the defense and the aerospace and space industries, Norsk Titanium Components AS develops and manufactures advanced titanium components at a significantly lower cost than with traditional technology. This is enabled by the use of inexpensive feedstock, low manning and fewer energy consuming processing steps, in addition to shaping the product as close to its final shape as possible, reducing waste and the need for machining significantly.

For more information contact:
Rod Stone, EADS International Media Relations +33 1 42 24 27 75

Hans Lüken, Gen Manager EADS Norway NUF +47 22 00 95 50 or

Sven Rost, VP Communications, NTiC +47 93 25 31 96

Further information on EADS – photo, video, sound bites, background documents – is available at www.medianewsnet.com

**Shanghai Huaxia has moved to the following new address:**

#1705 Huaxia Bank Tower
No.256 Pudong SouthRoad
TEL: +86 21 5877 0100
FAX: +86 21 58770148

E-mail: csm@nonferrous-metal.com
Visit us: www.nonferrous-metal.com
What’s New in Titanium?

**Bruker Elemental Announces Q2 ION Ultra-Compact Best-in-Class Spark-OES Metals Analyzer with Unique Analytical Capabilities**

Billerica, MA – 3/1/10 – Bruker Elemental today announces the launch of the all-new Q2 ION™, an ultra-compact spark optical emission spectrometer (OES) for metals analysis. The Q2 ION is a true multi-matrix system for comprehensive incoming material inspection and quality assurance of metal alloys. Its primary applications and metal matrices include copper, aluminum and iron analysis at smaller foundries, inspection companies, metal recycling and metal fabricators.

The Q2 ION also offers RoHS compliance screening for solder producers and PCB manufacturing (solder checker). Moreover, the Q2 ION is a powerful instrument for advanced PMI applications with its best-in-class UV-element performance, including Nitrogen for duplex steels.

The small benchtop Q2 ION system incorporates numerous proprietary innovations. It was designed for simplified operation, minimized maintenance and short analysis times while achieving best-in-class analytical performance. The Q2 ION’s compact size and rapid start-up routine even allows the unit to be portable, making it complementary to Bruker Elemental handheld XRF systems.

High quality ultraviolet (UV) OES analysis in a compact system is an innovative feature that represents important progress for ultra-compact spark-OES systems. UV-OES enables Q2 ION customers to analyze metals for important additional elements, such as carbon, phosphorus, sulfur and even nitrogen for duplex steels. Other key features like high analytical stability through patented active ambient compensation, standard-less calibration, proprietary ClearSpectrum™ algorithms, low argon consumption and minimal maintenance give Q2 ION users additional confidence in its reliable analytical results at very low operating costs.

The addition of the Q2 ION expands Bruker Elemental’s range of metal analysis systems even further. Mr. Andreas Kunz, Sales Director for Bruker Elemental, commented: “We can now offer an even wider selection of metal analysis solutions to our customers. We believe the Q2 ION represents a breakthrough in best-in-class performance and analytical capabilities for an ultra-compact system with a very attractive price/performance ratio.”

For more information on Q2 ION, visit www.bruker-elemental.com

For information about Bruker AXS - Elemental and Bruker Corporation (NASDAQ: BRKR), visit www.bruker.com

Media Contact: Georg Schick, Vice President of Industrial Sales, Bruker Elemental, Tel: +1 (978) 663-3660, x1043 georg.schick@bruker-axs.com

**Titanium Industries Announces Promotions**

On March 8, Brett Paddock, President and CEO of Titanium Industries, Inc. announced the promotion of Craig Simpson to Managing Director, Europe.

Paddock, who had taken on the responsibilities of CEO for Titanium Industries earlier this year, stated, “Craig has exhibited the energy, talent, and leadership skills to address the challenges of continuing to establish our European business as the market leader and maximize the synergies between Ti Industries, UK and GMT (GMT is Titanium Industries’ wholly owned divisions located in Scandinavia and UK). “As Managing Director, Craig will be responsible for all aspects of European operations and will oversee all European facilities. This newly created position will require constant interaction with all departments and divisions to continue to take advantage of Titanium Industries’ global position and best align our company with our international partners.”

Paddock will maintain his Board of Director and Officer position with the International Titanium Association.

Titanium Industries is a global manufacturing distributor of titanium, nickel-based alloys and other metals operating with five facilities in USA, three in Europe and one each in Canada, Taiwan and India. Non-titanium metals for aerospace, medical and general industrial applications are marketed under the brand of High Performance Metal. For more information please contact: Jeff Wise at jwise@titanium.com
TITANIUM 2010 Looking Strong....

This year’s TITANIUM Exhibition is already sold out, over 60 presentation abstracts are currently being considered, and a wide variety of tours and new networking opportunities are being planned. You will not want to miss this year’s event!

TITANIUM 2010 will be held this October 3-6th at the Gaylord Palms convention center in Orlando, Florida.

Over the past decade, attendance at the TITANIUM Conference has doubled, drawing delegates from more than 30 countries over the past two years. This growth has occurred as the supply chain for many industries has become more active. This year we are expecting between 600-800 delegates.

Many managers from prime contractors as well as sub-tier suppliers are coming to the annual event as they recognize the efficiency of attending a meeting such as TITANIUM. Because there are producers, distributors and fabricators from all parts of the world across several consuming market segments at the conference, it is a very cost effective means for the delegates to meet with a wide variety of customers and vendors in a single trip. At the same time, the TITANIUM Conference offers the only opportunity to hear from leading industry executives and attend panel discussions on market topics that affect each industry segment, all in one place.

“In these unprecedented times for the titanium industry, with worldwide economic conditions in their continuing state of turmoil, this premier event will give attendees many opportunities to exchange ideas with industry leaders and gain invaluable insight into the global state of the titanium industry.” Dawne S. Hickton, TITANIUM 2010 conference chair and ITA director, said. Hickton also serves as vice chair, president and chief executive officer, RTI International Metals Inc., Pittsburgh. “You also will hear about the latest market intelligence and breakthroughs in manufacturing, product development and titanium applications. I am confident you will benefit from this conference and look forward to seeing you there.”

Frank L. Perryman, ITA president, and president and chief executive officer of Perryman Co., Houston, PA, predicted 2010 and 2011 would be, “pivotal years for the titanium industry.” As such, he stressed the importance of the conference as the event to help attendees weigh international trends and business opportunities. “The industry is poised for recovery and the 2010 meeting will present an excellent forum for discussion on the prospects for the future,” Perryman said. “Each year a wealth of information is presented and shared through a variety of presentations, forums and exhibits. TITANIUM 2010 will be no exception.”

TITANIUM 2010 is designed to suit the needs of titanium industry professionals, suppliers, customers and stakeholders. Attendees typically hold executive positions in areas such as management, sales and marketing, product development, production, engineering and design, purchasing and quality control.

For more details, visit the Conference Section of the ITA Web Site at www.titanium.org.
GENERAL SESSION PANEL SPONSORSHIPS

The sponsoring company has the opportunity to Moderate the panel and would solicit speakers to fill the presentation times (subject to the approval of the conference planning committee).

Benefits include:
- Demonstrate your corporate industry leadership for the panel’s subject matter.
- Opportunity to moderate panel and obtain quality speakers for the subject.
- Your company logo and message would be displayed on the Podium, General Session screens, and in the conference agenda & brochures.
- You receive Complimentary 4 nights stay at the Gaylord Palms for 4 individual guests.
- You receive Complimentary conference registration for 4 individual guests.

(Sponsor may offer guest rooms and/or registrations to speakers or to their staff).

Sponsorship selections change daily. Please contact the ITA at (303) 404-2221 for available selections.
April 1, 2010

RE: Updated Information – REACH Titanium Metal Consortium

The International Titanium Association is the Secretariat of the REACH Titanium Metal consortium and are the recipients of SIEF surveys on behalf of the Consortium. The first deadline for submitting the REACH dossier is fast approaching. We have provided the following overview of who is required to register under REACH, in an effort to answer any potential questions you might have.

It is important to remember REACH registration applies only to the importation into Europe.

The Titanium Consortium is progressing well with the task of generation, collation and “read-across” of data necessary to complete the dossier for REACH registration by the Lead Registrant. Within the consortium the primary focus, in line with previous EU Guidance documents, continues to be on titanium sponge, ingot, electrode and on powder. Downstream products such as slab, plate, sheet, billet, bar, wire, foil, extrusions and castings have previously been considered as “Articles” and therefore outside of the REACH requirement. However, this position is under review and individual companies will need to determine their position regarding product volume registration in the event EU Guidance changes.

In line with the established guidelines under REACH, Ferro-Ti is considered as a “mixture” and therefore falls under the category of "special preparation". As such, if any company determines it needs to declare its Ferro-Ti interests under REACH, it will need to procure a "Letter of Access" to the respective dossiers being created by the consortium by both Iron and Titanium Metal consortia.

Scrap is not covered within the REACH directive at this time. The Titanium Metal consortium has been in contact with other consortia including the Iron, Molybdenum, and Manganese platforms to confirm consistency within this determination. This is not to imply the legislation will not be changed in the future, but to date, scrap will not be part of the dossier that is due for submission this year.

Titanium is not considered as a "substance of very high concern", however there will be a Chemical Safety Report and the REACH registration does not absolve the manufacturer/fabricator/user of the need to have their own specific handling procedures in place.

Any company is allowed to join the Titanium Metal Consortium as a full member. Full members are expected to take a very active role on the consortium by participating in various in-person meetings and teleconference calls on a regular basis. In addition to active participation at the meetings, there are several contribution instalments due to become a full member of the consortium. If your organization is required to register for REACH but does not have the staffing or financial resources available to register as a Full consortium member, the Letter of Access registration will still ensure your organization will be a beneficiary of the joint submission of the dossier.

With reference to the costs of the Letter of Access, at this time total costs of the registration are not known but are being collected and forecasted. As soon as the consortium has a firm indication of costs then an appropriate Letter of Access will be sent out to the SIEF.

If your organization imports titanium sponge, powder, ingot or electrode into Europe you will need to register for REACH and completion of the Substance Sameness survey distributed through the ITA will greatly assist the consortium in ensuring the final dossier being prepared takes into account all relevant products and uses. This survey may be downloaded from the REACH website at http://www.reachtitaniumconsortium.org. It is very important to provide your completed sameness survey to the International Titanium Association so the consortium may properly estimate the number of registrations to anticipate under the letter of access. This not only affects to total registration costs but ensures you will be contacted by the ITA just as soon as registration becomes available.

Time is now of the essence. Please contact the ITA today with questions or if you require additional information.
What's New in Titanium?

Planning processes became much more streamlined and efficient. Furthermore, all parties involved benefit from the shortened communication channels and decision routes.” Snecma is one of the biggest customers in TITAL’s engine sector.

This year TITAL has been certified by Airbus France for machining and assembly work on titanium castings and TITAL is now allowed to deliver cast, machined and assembled ribs for pylons (between engine and wing) for the Airbus Single Aisle Family aircraft A318, A319, A320 and A321. Another example is the A400M pylon where 12 different titanium pin latch fittings are being cast and furnished with threads and helicoils. Jerusalem adds: “We want to continue to strengthen our role as a strategic supplier.”

For more information external media contact:
EWALD PRÜNTE KOMMUNIKATION, D-59494 Soest
Fon +49 02921 785747 | info@ewald-pruente.de
Inhouse media contact:  P. Jerusalem / TITAL GmbH
Fon +49 (0) 2904 - 981 - 0 Kapellenstraße 44, D- 59909 Bestwig www.tital.de
What’s New in Titanium?

**Metalysis Launches Pilot Cell in UK**
Continued From Page 3

thousands of pounds,” according to Bertolini. Instead of titanium mill products, the Metalysis cell will produce metal powder suitable for near-net-shape production.

The company also is designing a second, next-generation production cell, slated to be launched in 2011. Along with titanium, the company is studying the capability to produce tantalum alloys through the same FFC process.

More than 30 companies already have approached Metalysis to explore joint ventures and technology licensing agreements. The list includes aerospace, medical and chemical processing players as well as a few surprise suitors. For example, Bertolini said there is significant interest from the mining sector, looking to use titanium alloys to enhance the hardness and durability of components used for rock grinding. Inquiries also have come for applications in the electronics industry, the marine sector to boost the corrosion resistance of bridges and ships, and water desalination plants.

The Metalysis pilot cell will attempt to hit several targets. The main challenge will be to deliver alloys in a more cost-effective price range for existing manufacturing applications as well as extend titanium’s reach into new markets. Bertolini indicated there are many business sectors eager to exploit titanium’s superior material properties, but unable to penetrate the metal’s cost threshold. The thrust for the pilot cell will be to demonstrate the ability to provide consistent titanium at competitive prices for emerging powder-metal consolidation markets, rather than attempt to be a “cheap commodity producer.” The traditional price penalty for titanium stems from the high cost of converting ore to metal, which is the focus of the Metalysis production method.

Bertolini claimed the Metalysis process will be “green,” using half the kilowatt hours per pound of material produced compared to the Kroll process. The Metalysis process operates at lower temperatures (between 800 to 950 C) compared with the Kroll (over 1,000 C). In addition, the lone reagent used in the FFC process is a salt, compared with hazardous reagents in the Kroll process.

Because the process creates powered metal, designers and manufacturers can develop near-net-shape parts, eliminating high scrap rates and expensive five-axis machining. Metal powders and sintered solids readily can take advantage of metal forming techniques such as metal-injection molding, laser forming, hot- and cold-isostatic pressing, which offer higher yield rates compared with machining. In aerospace applications, the typical “buy-to-fly” ratio for titanium mill products is 10 to 1 (10 pounds of material needed to produce a 1-pound part). He said Metalysis titanium would enable aerospace manufacturers to achieve a more attractive ratio of 5 to 1.

Cost advantages also will come from the ability to establish Metalysis production cells at strategic locations to suit the needs of customers in order to fortify the habitual weaknesses in the current global titanium material supply chain, offering manufacturers reliable pricing, quality and delivery of metal.

The history of the FCC technology dates back to the late 1990s. The process was "heavily patented" and required extensive research to define its commercialization potential, Bertolini said. Five years ago Metalysis was established, with the backing of venture capital firms, to bring the technology to the next level.

According to technical information on the company’s Web site, the FFC process employs a molten-salt system and an electrochemical cell. The cell contains a sealed crucible that holds the salt and a cathode/anode configuration. Using molten-salt electrolysis, 3 volts are applied between anode and cathode. At the three-phase interface (cathode preform, calcium chloride and current collector), oxide ion is removed and conveyed via the electrolyte to the anode, where it reacts with the carbon and evolves as a gas.

Following a reduction time of 4 to 12 hours, metal sponge remains at the cathode. This sponge would reflect the shape of a preform design. For more information visit their website at: www.metalysis.com.
components. In this division president role, he was responsible for the performance of four domestic and three international manufacturing operations, collectively representing over $1.1 billion in annual revenue with forging product lines that serviced the aerospace and energy markets. Jim is a graduate of Texas Tech University with a Bachelor of Science degree in Electrical Engineering.

“I am very pleased to have Jim join the executive management team at RTI,” said Dawne Hickton. “His breadth of experience and proven operations know-how will greatly strengthen RTI’s overall organization. One consistent achievement throughout his career has been successfully providing the strategic and tactical leadership necessary to increase production outputs and improve cost structures, operating profit, and overall working capital. As RTI begins to realize the benefits of our value-added initiatives, I am confident that Jim’s demonstrated leadership will significantly enhance our ability to achieve our operational and financial goals.”

Company Description: RTI International Metals®, headquartered in Pittsburgh, Pennsylvania, is one of the world’s largest producers of titanium mill products and a global supplier of fabricated titanium and specialty metal components for the international market. Through its various subsidiaries, RTI manufactures and distributes titanium and specialty metal mill products, extruded shapes, formed parts and engineered systems for commercial aerospace, defense, energy, industrial, chemical, and consumer applications for customers around the world. To learn more about RTI International Metals, Inc., visit our website at www.rtiintl.com.

California Titanium Enters Titanium Scrap Metal Sector

CALIFORNIA TITANIUM, LLC, located in Redondo Beach, California, has now entered the titanium scrap sector. “We are very pleased to help the North American market satisfy its rapidly growing need for titanium scrap. Titanium scrap buyers, including those in the ferro-titanium manufacturing business, have recently shown a greater interest in increasing and diversifying their titanium scrap sources globally and California Titanium is eager to help meet the demand, said Robert A. Maynez, President of California Titanium.

Product inquiries may be sent to sales@caltitanium.com. Telephone: (310) 683-8004; Facsimile: (310) 543-2138; www.caltitanium.com.

TITANIUM UPDATE Newsletter Opportunities

The TITANIUM Update online newsletter is distributed to over 4,500 titanium related subscribers with one printed version which is distributed annually at the TITANIUM 2010 Conference. ITA Member companies are welcome to submit your press releases free of charge for this quarterly publication. Press releases may include information on new industrial products, services, as well as note-worthy industry news. All articles and graphics should be sent electronically to sblicker@titanium.org.
For over ten years, the International Titanium Association (ITA) has presented the premier course on everything Titanium. This comprehensive workshop has been presented all over the world and in several languages. Now, for the first time, this course is available online.

This comprehensive workshop provides detailed information on the types, uses, and properties of common titanium alloys. You will gain an understanding of applied titanium metallurgy fundamentals.

Course Objectives & Content
Fundamentals of Titanium will prepare you to present and work effectively with job-related functions that involve titanium. You will receive a complete overview of titanium and a thorough grounding in its metallurgy, characteristics, properties and uses.

Benefits of this course include:
- Students receive a certificate of completion from the International Titanium Association. Students will have 16 weeks to complete the course at their own pace and leisure.
- This is the only course of its kind dedicated to titanium metal
- Learn from one of the founding fathers in the titanium industry — Stanley Seagle, Mr. Seagle has been involved for 40 years in all aspects of titanium technology.

Cost is only $249 for ITA Members
$325 for Non-Members

To learn more about this exciting new workshop visit: www.titanium.org
Full details of the classified ads can be found on the ITA website at www.titanium.org

Job Postings:

Research Staff Member for Titanium and Titanium Alloys:

Oak Ridge National Laboratory in Oak Ridge, TN is seeking a Researcher for the Materials Science & Technology Division. The ideal candidate should have a Ph.D. degree in Materials Science or other related degree and at least one (1) year experience post Ph.D. Experience with powder metallurgy and/or titanium alloys is critically important. The position has the responsibility for the conception, project development, planning, execution and reporting of research programs in the area of titanium and titanium alloys. Research and development activities will include the solid state processing of titanium and titanium alloy materials and powders including technologies such as hot pressing, press and sinter, hot isostatic pressing, roll compaction, heat treatments, attrition, and other powder metallurgy processing practices. To apply, please go to http://jobs.ornl.gov/ERecruiting.shtml select “View Open Positions” then, enter NC50135752 in the “Key Word Search”.

Material For Sale:

Hailong Industry manufactures Seamless Titanium and Titanium Alloy tube and pipe as per SB338 and SB861, with the material of Gr.1, Gr.2, Gr.7, Gr.9, Gr.12, Nickel and Nickel Alloy tube and Pipe, Ni201, Monel400, Incoloy 600, 625, Inconel 800, 825, Stainless steel tube and pipe, duplex tube etc.. The company was ISO and PED certified by TUV.

Contact Information: www.hailongtitan.com
Tel: 0086-512-58986900, Fax: 0086-512-58183187, Email Address: hailonggood@163.com

As ISO and PED Certified company, Jiangsu Hongbao Group Co., Ltd specializes in manufacturing titanium rod, tube, plate and wire. Our products are widely used in heat exchangers, petro-chemical industry, aviation industry and sports appliances. Our manufacturing capability as follows:

2. Titanium and its alloy rods ASTM B 348, F 67 Diameter: 10-150mm
3. Titanium and its alloy sheets & plates ASTM B 265, F 67 Thickness: 0.7-50mm Width: <2500mm Length: <6000mm.
4. Titanium and its alloy wire according to ASTM B 863 Diameter: 0.4mm-10mm

Contact:  David Dai, Jiangsu Hongbao Group Co. Ltd. Phone: 86-512-58715259 Fax: 86-512-58715267 Email: foreigntrade@hongbao.com

CONSULTING OPPORTUNITY - TITANIUM MILL PRODUCTS AND TITANIUM SCRAP

CALIFORNIA TITANIUM, LLC, of Redondo Beach, California, buys and sells titanium mill products and titanium scrap for import and export. We are seeking a consultant to build our North American market. Compensation negotiable.

Please send resume and statement of interest to:

Ms. Duan Wei-Maynez, CFO
California Titanium, LLC
720 Elvira Avenue, Suite 301
Redondo Beach, CA 90277
Tel: (310) 683-8004
Fax: (310) 543-2138.
Email: dwei@caltitanium.com
www.caltitanium.com

FULL DETAILED ADS AVAILABLE ON WWW.TITANIUM.ORG
California Titanium, LLC
Tel: (310) 683-8004    Fax: (310) 543-2138
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www.caltitanium.com

GfE Metalle und Materialien GmbH
GfE is a leading manufacturer and global supplier of high performance metals and materials. With almost one hundred years experience in the field of materials science, the company uses this invaluable expertise in the development of tailor made materials, customized applications and solutions for our customers. GfE offers a wide range of high quality products for different specialized sectors such as:

* Aerospace industry
* Superalloy industry
* Automotive industry
* Power plants
* Chemical plants
* Off-shore technology and other applications

Luxembourg Company of Metal and Alloys S.A. – LCMA has been established in 1996 as the integrated manufacturer and distributor of the wide range of semi product in titanium and its alloys.

LCMA is a manufacturer of the wide range of the semiporoduct. We start from the very beginning, i.e. from titanium ingots of CP titanium and its various alloys. Then we convert the ingots into the bar, wire, sheet, tube, flanges, valves, forgings and castings. Conversion is done at European producers facilities only.

The final product is delivered to LCMA service center and warehouse in Luxembourg where from it is distributed to the customers in Europe, United States, Asia and Australia. Flexible and effective organization of production process makes LCMA capable to satisfy any customer’s requirements and, which is very important, to do it very shortly.

LCMA target is to deliver the high quality product in any volumes and for the best price!

LCMA is approved by TUV /Cert DIN EN ISO 9001:2000; PED 97/23/EC; EN 9100 Aerospace series

Dear clients, please welcome to visit LCMA website www.lcma.lu. If you have any inquiries please contact us
E-mail: lcma@pt.lu; lcma@lantech.ru

Wowtech Titanium is transforming from an exporter to a stocking and processing company for titanium products. Meanwhile, we are aiming at supplying high-end products for aerospace, military and nuclear industries. You can trust on us because:

1. We are the largest stockist for titanium products in China. A 2000 square meters warehouse storing Gr5 titanium sheets and plates in various thickness, Gr2 and Gr5 bars in common sizes worth a total of USD one million.
2. The ERP system allows us to provide real time info to customers.

3. Delayed-Shipment-Recovery-Fund (DSRF) has been established and used for those late shipments. (ship materials to customers by air instead of by sea at our cost in order to save the delayed time)

4. 2008 Edition ISO9002 certification by DNV

5. AS9120 (aerospace supplier certification) certification by BV in process

We provide solution for any of your titanium products demand. Please contact us:
2 North Hi-Tech Ave, Hi-Tech Green Industrial Base, Tianjin 300384 China www.wowtech.org
+86 (22) 27945239, 27945157 or +86 (22) 27945251
frank@wowtech.org, alex@wowtech.org, peter@wowtech.org

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Services:

ONLINE TITANIUM AND SPECIALTY METALS CLEARINGHOUSE – www.directalloys.com
Manufacturers now have access to a dedicated online clearinghouse for their excess prime certified titanium, superalloys, specialty steel and aluminum alloy mill products. Direct Alloys helps mills, forgers, machine shops, fabricators, distributors and end-users sell and locate forging stock, machining bar, wire, plate and sheet inventories. We provide the link between short term material supply and demand, saving purchasers and suppliers precious time, energy and capital resources.

Direct Alloys concentrates on premium materials, and represents the seller in transactions, providing a unique knowledge based service with over 25 years experience in the specialty metals industry. Our online database and advanced sales tools located at www.directalloys.com offer a dynamic value-added service for suppliers and consumers of high performance metals. Register for our free industry news email updates!
Direct Alloys LLC
901 Broad Street, Utica, NY 13501
Phone: 1-315-883-1991
Fax: 1-315-292-1088
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Supply of Peeling and other Cold Finishing Equipment for Titanium Processing.

Danieli Centro Maskin, the cold finishing division of the multinational DANIELI group, design and manufacture a wide range of equipment that cover the processes of peeling, drawing, cut to length, straightening, chamfering, packaging and all associated equipment.

Enquiries for individual machines and/or complete cold finishing plants are welcome.

For USA enquiries contact Danieli Corporation USA (Bob Smith Tel: (724) 778 5448; r.smith@danielicorp.com). For all other enquiries contact Danieli headquarters in Italy (Kristiaan van Teutem, Tel: +39 04321957295; k.vanteutem@danieli.it)

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Material Wanted:

TI 8-1-1 (Titanium Plate) AMS4916
.250” or thicker in plate or flat bar (very flexible with dimensions).
400 lbs.
Material must be DFARS.
Please contact Szollia Thomas, Purchasing Department, Trans World Alloys
Email: sthomas@twalloys.com
Tel: (800) 258-8180

******************************************************************************

Looking for Excess Usable Inventory
North American Alloys is looking to buy excess usable inventory, remnants, scrap or recycle in all titanium alloys. Call us today for a prompt and competitive bid.
Contact: Michael Shulimson
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Steven Meredith
Telephone: 509-586-8848 or 800-985-2250
Fax: 509-586-4943
Email: steve@northamericanalloys.com
Visit us on the web at: www.northamericanalloys.com

North American Alloys
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ITA members will soon receive the ITA Members Only *TITANIUM Bulletin*

The ITA *TITANIUM Bulletin* will provide ITA members more in depth information regarding all ITA Activities. Topics will include: ITA Committee activities, annual TITANIUM Conference updates, REACH Consortium information, Global Titanium Communication (which would include postings from other titanium associations globally as well as updates on projects from the titanium committees on ASTM, ASM, etc.). The Bulletin will be distributed quarterly.
Current Membership Includes the Following Companies

Thank you for your continued support. Every issue of the TITANIUM Update Newsletter will recognize members that have renewed their investment with the International Titanium Association.

**20+ Years**
- Alcoa Power & Propulsion
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- Monico Alloys, Incorporated
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- Toho Titanium Company, Ltd.

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<tr>
<td>Quad Engineering Inc</td>
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<td>R J Enterprise, Inc</td>
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<td>Realum Ind. Com. De Metais Puros E Ligas Ltda</td>
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<td>Robert Zapp Werkstofftechnik GmbH</td>
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<td>Rock Island Arsenal</td>
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<td>Roll Forming Corporation</td>
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<td>Saigon Quynhlon Mining Corporation</td>
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Founded in 1984, the International Titanium Association is a nonprofit networking trade association for the titanium industry. Current membership includes over 200 organizations.