

Prysmian Wins Two USA Offshore Wind Farm Cabling Projects Worth Nearly \$900 Million

Prysmian Group, Milan, Italy, has won two milestone USA offshore wind farm projects for a total of almost \$900 million. Both projects were awarded by **Vineyard Wind**, a JV of **Avangrid Renewables** and **Copenhagen Infrastructure Partners (CIP)**, thus strengthening Prysmian's partnership with a leading developer in the growing USA offshore wind industry.

Worth US\$300 million, the first cabling project will connect the 804 MW Park City offshore wind farm to the electricity grid in Connecticut. Prysmian will deploy HVAC 275 kV three-core cables with XLPE insulation and single-wire armoring. Cables will be made in the Group's centers of excellence Arco Felice, Italy and Pikkala, Finland,



and will be installed by the **Leonardo da Vinci** and **Ulisse** vessels.

The Commonwealth Wind cabling project is worth US\$580 million. Prysmian's award follows the Massachusetts Baker-Polito administration selection of the Vineyard Wind's proposal for delivering 1200 MW of offshore wind farm capacity. Prysmian will design, supply, install and commission as many as three export submarine power cable links to connect Commonwealth Wind to the electricity grid in Massachusetts. www.prysmiangroup.com

LEONI Sells Fiber Optic Units to Weinert Industries

LEONI AG consistently pursues its strategic focus to leverage the market potential in the automotive and commercial vehicle industries in the coming years from a strengthened position. The international automotive supplier is selling its subsidiaries **Leoni Fiber Optics GmbH**, **Leoni Fiber**



January 10, 2022 Volume 25, Issue 1

INSIDE THIS ISSUE

Draka White Paper on PoE	2
York to Lead WAI in 2022	2
Tide Rock Acquires CableMaster	2
Ducab Wins Turnkey Grid Project in Iraq	3
Three Contract Wins for Nexans	3
Prysmian & General Cable Completed	4
WCMA Annual Meeting Report	4
AFL to Make Cables for HyperOne	5
Südkabel's Cable System Webinar	5
WintWire Wins 3D Printing Grant	6
TANAKA Denshi Kogyo to Increase PCC Wire Capacity with	
New Plant in Taiwan	7
Conference Calls/Webcasts	
Dividend Reports	7
wire 2022: "ecoMetals-trails" Tours	8
Strong Wire Expo 2022 Exhibit Sales	8

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1741 Akron Peninsula Road, Akron, OH 44313 USA Tl: +1 330 864 2122 • Fx: +1 330 864 5298

www.wiretech.com

Chip Lippincott President & Publisher
Mike McNulty VP & Editor
Jim Masar Senior Editor
Alex Lippincott Sales Manager
Mike Dies Sales Representative
Pete McNeil Sales Representative

Optics, Inc. and **j-plasma GmbH** to a consortium of buyers around **Weinert Industries AG**. The transaction is expected to be closed in the first quarter of 2022. The portfolio of Leoni Fiber Optics and j-plasma includes special fibers in the areas of optical metrology and industrial data transmission. As is well known, LEONI AG intends to strategically focus on consolidating its leading position as a supplier and service provider of wiring systems for passenger cars and commercial vehicles—for example in the growing business of alternative power trains. Against this backdrop, LEONI has already sold several nonautomotive units in 2021: **Business Group Industrial Solutions, Leoni Schweiz AG** and the data communication and compound units of **Leoni Kerpen GmbH**. www.leoni.com

WIRE & CABLE STOCK INDEXES				
		% CHANGE since last issue	% CHANGE YTD 2022	
OVERVIEW 36	5550	+3.2	+0.0	
OVERVIEW Electrical	4325	+3.0	+0.0	
OVERVIEW Communications	1050	+2.8	+0.0	
OVERVIEW Steel	408	+7.1	+0.0	

• All numbers are from prices listed on the market on: January 5, 2022.

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Notebook

York to Lead WAI in 2022

The Wire Association International (WAI), Inc., Madison, CT,

USA, announces the appointment of James R. York as President of the association



for a one-year term that commenced on January 1, 2022. York will serve as Chairman of the Board of Directors and as the 69th President of the 92-yearold association. York is a Senior VP at Insteel Industries Inc. A WAI member since 2012. York became a WAI Director in 2017. www.wirenet.org

Tide Rock Acquires CableMaster Corp.

Tide Rock Holdings, San Diego, CA, USA, expanded its cable and wire harness expertise with the acquisition of CableMaster Corp., a global leader in cable, cord sets, cable assemblies, wire harnesses and bulk wire manufacturing and distribution. CableMaster joins Tide Rock's sub-component manufacturing portfolio alongside Interconnect **Solutions Company, Plastics** Design and Manufacturing, **Pikes Peak Plastics** and **Bayless** Manufacturing. Mike Turner is CableMaster's CEO.

Tide Rock Holdings is a strategic holding companying

www.cablemasterpowercords.com

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Draka White Paper on Power over Ethernet (PoE)

According to Draka, Cologne, Germany, a part of Italy-based Prysmian, Power over Ethernet (PoE) infrastructures are on their way to becoming a dominant technology. They combine data communication and power supply via single Ethernet cable. The new Draka White Paper, "Amazing Prospects for PoE", provides a general overview of the main drivers, components and benefits of PoE in the first part. In the second part, it highlights the practical implementation and benefits of the most relevant applications in the context of smart building-PoE Lighting, PoE Emergency Lighting and IoT sensor networks. The white paper is available at the Draka website.

Various factors are currently favoring the spread of intelligent solutions based on PoE technology. With regard to ecology and climate protection, there is a growing awareness of the need to save energy and reduce CO2 emissions. Another factor is the operating costs. Due to permanent cost pressure, companies are faced with reducing the



power consumption of not only communication and data networks but their entire facilities. This drove increasing investments in Ethernet infrastructures. which made Ethernet with an installed base of currently around 1 billion ports, the undisputed number one network protocol. This ensures users the longterm cost-effective availability of components and devices for this standard. The most relevant applications in the context of smart building are currently PoE lighting, PoE emergency lighting and IoT sensor networks. These offer users unprecedented optimization approaches with short payback cycles. The Draka White Paper presents the possibilities of these applications, highlights the practical implementation and the benefits. www.draka-cable.com

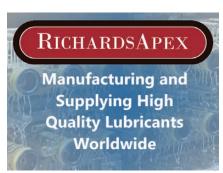
Prysmian eases path to FTTX & 5G network deployments

Prysmian Group, Milan, Italy, has extended its Sirocco Extreme range



of microduct cables to include its latest 576f cable. Sirocco Extreme

cables provide world record diameters and fiber densities for blown microduct cables. The cable has 576 fibers in a 8.2 mm diameter for a density of 10.9 fibers per mm², and can be installed into a 10 mm duct. Sirocco Extreme microduct cables use BendBrightXS 180 µm singlemode (ITU-T G.657.D, G.657.A2)



bend insensitive fiber fully compatible for splicing with any standard fiber, offering a truly future-proof solution that is prepared for evolved systems. Designed for installation into microducts, they are ideally suited for blowing in high density access, FTTx and 5G networks.

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Ducab Wins Major Turnkey Grid Project in Iraq

Ducab Group, one of the UAE's largest industrial manufacturing businesses and solution providers, has won and award to supply overhead conductors for a 288 KM OHL (Over Head Line) project as part of a GE Renewable Energy's Grid Solutions business electrification project in Iraq. The project complements Iraq's larger energy transition plan, moving the nation into a regional energy hub through smart and sustainable grid infrastructure. The building of advanced and reliable power supplies across the country will also support various other sectors as part of Irag's overall economic development strategy, with the World Bank currently estimating Iraq's economy to expand 6.3% over the next two years.

Ducab participated in the GE Renewable Energy's Grid Solutions business



دوكاب توقع اتفاقية مشروع محوري متكامل لنقل الطاقة الكمر باثية في العراق

Ducab Awarded GE Renewable Energy's Grid

tender for the design, supply, installation, testing and commissioning of 400 kV overhead transmission line interconnecting Jordan and Qaim area in Iraq. This is being done in connection with a re-enforcement program for EPC, and supply of substations and transmission lines (132/400 kV) turnkey projects. www.ducab.com

NIEHOFF Magazine 2/2021 now available

Maschinenfabrik Niehoff has released the latest issue of NIEHOFF *Magazine*. Its feature article reveals Niehoff's focus on energy efficiency, resource conservation and sustainability. Readers learn more about related business processes within the company and special features Niehoff machinery provides related to the crucial issue of sustainability. The presentations at the virtual "Industry 4.0 Conference" held in place of the Interwire trade fair last October showed that digital technologies are of equal importance for efficient wire and cable production. Niehoff's solution to this challenge is the Niehoff Digital Assistant+ app. This issue looks at the North American and especially at the USA mar-



ket where infrastructure is facing modernization by means of a huge government investment program. Giving an insight into its sophisticated technology, Niehoff reports also on the first double twist stranding machine type D 2002 recently delivered to a well-known manufacturer of power cables. And reporting from Niehoff's Customer Service, one article shows the overhaul of a multiwire drawing machine type MMH 101 with 80,000 operating hours.





Notebook

Three Contract Wins for Nexans

Nexans, Paris, Frances, recently won a contract to supply the offshore wind farm

Moray West project with the high-voltage export
cable solution that will help to
achieve Scotland's commitment
to achieve net zero target. This
significant turnkey contract with
Ocean Winds involves design,
manufacture, installation and
protection of the 220 kV subsea
and onshore export cable system for the Moray West offshore
wind farm project.

And **Madeco by Nexan**s was also awarded a contract to supply cabling solutions to a photovoltaic project in Antofagasta in Chile. With this contract, Madeco by Nexans takes an important step in the Group's goal of providing innovative products and services in order to provide solutions to the challenges of electrifying the future as well as promoting the transition to renewable energy.

Additionally, Nexans has won an €80 million contract for the manufacture and installation of a power cable system that will deliver electricity directly from the Norwegian power grid to its **Oseberg Field Center**.

www.nexans.com



January 10, 2022

Notebook

Prysmian & General Cable Complete Legal Entity Integration & Rebranding

Prysmian Group announces completion of the formal en-

Prysmian Group tity merger between General Cable Industries, Inc. and Prysmian Cables and Systems USA, LLC in the USA. All of the companies in the region have now adopted the legal entities name of Prysmian Group US.

The integration rationalizes all legal entities. This represents the final steps in creation of a well-integrated organization under a unique brand in the region with 27 manufacturing sites, eight distribution centers, six research and development centers, more than 5800 employees and the widest portfolio of products, services and technologies that set the highest standards in the industry.

The entity merger and brand integration with General Cable Industries, Inc., will improve Prysmian's capability to provide a better experience as well as to better support Prysmian customers and the market as a unique well-integrated organization as the group works together in order to create value for our communities. Learn more at the company website.

na.prysmiangroup.com



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WCMA Annual Meeting Report

The Wire & Cable Manufacturer's Alliance, Inc. (WCMA) hosted 110

members/guests at the **Bond Ballroom**, Hartford, CT, USA, for a



long overdue opportunity to network in person and hear timely educational presentations.

John S. Traynor, EVP, Chief Investment Officer, Peoples Bank Wealth Management, covered key economic, political, and manufacturing topics focusing on the current labor situation. WCMA also added as a presenter, Mike Kelley, Kelley Productivity Partners, with his briefing, Simplifying Supply Chains—More important now than ever, with an overview of challenges manufacturers face in times of materials shortages and allocations, trade sensitivity and internal operational management issues.

Outgoing President, Scott Harden, Provideon Partners, told members

and guests that the Association is pleased to resume its normal schedule

of events, especially the upcoming WCMA Distinguished Career

Award taking place on April 9, 2022 in Hartford. Confirmed for Officer positions are **Susan Welsh**, retired CEO of Rubadue Wire, succeeding Harden as President. David Fisher, CEO, James Monroe Wire & Cable, was elected VP. New Directors are Chris Venice, President, Industrial Group, Marmon Electrical, and Tom Artinian, CEO. Hitachi Cable Manchester. The Association thanked outgoing Board members for their terms of service. The Board and members approved significant donations to Toys For Tots, UCONN Cancer Research and continued donations to scholarship programs by Wire Association/Wire Foundation, IWCS and Copper Club. www.wcmainc.org

The NIEHOFF Magazine is published twice a year in English and German languages including articles and summaries in Chinese and Russian.

www.niehoff.de

Ryan Electronics launches new website

The new Ryan Electronics website has data for hundreds of cable products. Visitors can easily build a comprehensive quote request, specifying exact spec needed, length required and value-added options like twisting or striping. Ryan products include Mil-Spec wire, Mil-Spec cable, UL/CSA wire, wire management and more.

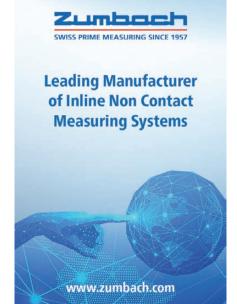
For over 30 years, Ryan Electronics has met the most demanding

requirements for the military/defense, aerospace, electronics and communications industries.

www.ryanelectronics.com www.multicable.com

Global EV Cables Market Forecast to 2026

"Global EV Cables Market by Type (BEV, HEV, PHEV), By Voltage (Low, High), EV Application (Engine &



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AFL to Manufacture Optical Fiber Cables for HyperOne

HyperOne, the largest private, independent digital infrastructure project in Australia's history, has selected AFL, Spartanburg, SC, USA, to manufacture optical fiber cables. The project will build the most complete national fiber backbone ever constructed, and the first built in almost two decades.

HyperOne founder and industry veteran, Bevan Slattery, said the business had selected AFL to manufacture fiber cable at its Tottenham, Australia, factory, in line with the company's desire to build a network with a positive impact on local industry. The project is expected to create over 10,000 Australian jobs.

"We wanted to build a network that is made by Australians, for Australians," explained Slattery. "Having our cable



manufactured by local workers here in Melbourne is a key part of that."

The project has broad support from government, with Federal Minister for the Digital Economy, Senator Jane Hume, commenting on the positive impact on jobs in the Victorian manufacturing industry. Hume explained, "We also need Australian businesses to support local suppliers whenever possible, and this is a great example of that." www.aflglobal.com

Powertrain, Battery & Charging Management), High Voltage Application, Insulation, Shielding Type (Copper, Aluminum), Component and Region - Forecast to 2026" report has been added to Research-AndMarkets.com's offering.

The global EV cables market is estimated to grow from US\$3.9 billion in 2021 to US\$13.1 billion by 2026, at a CAGR of 26.9%.

Major vehicle makers across the globe are focusing on introducing electric vehicles to cater to increased demand from consumers. And to curb pollution, several countries demand stringent emission laws for passenger cars. These factors will push growth of the EV market and drive the FV cable market.

The BEV (Battery Electric Vehicles) segment will grow at the highest CAGR during the forecast period.

www.ResearchAndMarkets.com



Edward Schlesinger to EVP & CFO at Cornina

Corning Inc., Corning, NY, USA, has named Edward Schlesinger

CORNING Executive Vice President and

Chief Financial Officer, effective Feb. 18, 2022. He will report to Wendell Weeks, Chairman/CEO, and succeeds retiring CFO Tony Tripeny. Schlesinger will oversee Finance and Investor Relations. His transi-

tion reflects a broad plan to develop top talent across Corning globally, to capture an attractive set of longterm opportunities and deliver ongoing value to its stakeholders.

www.corning.com

HUBER+SUHNER expects higher full-year profitability

HUBER+SUHNER reports that its course of business has been very pleasing so far also in the fourth



Notebook

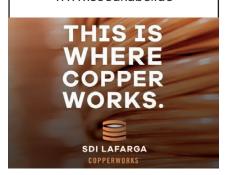
Südkabel's Webinar: Cable System Technology 2022

The **Südkabel** Webinar for Cable Systems Technology 2022 on February 24 and 25 offers insight into high-voltage XLPE cable systems, cables and accessories. The target is for attendees to understand the basic physics and the technical relationships around XLPE AC high and extrahigh-voltage cable systems.



Aiming at an international audience and held in English, the webinar is meant for technical and commercial staff including TSO, DSO, consultants, installation and service companies, contractors, manufacturers and partner agencies involved in engineering and sales of XLPE cable systems, cables and accessories.

www.suedkabel.de



January 10, 2022

with its head-

Notebook

WintWire Wins Share of Grant for 3D Printing

The International Wire and Machinery Association (IWMA),

W WintWire quarters in Marston Green, England, reports that WintWire Ltd., a Sheffield, UKbased manufacturer of specialty wires including stainless steels, nickel allovs, ferrous and nonferrous metals, has won a share of a £1.2M Innovate UK Smart Grant (part of UK Research and **Innovation**, driving productivity and economic growth by supporting businesses). The grant funds an R&D project based on High Productivity Wire Arc Additive Manufacturing (HPWAAM). The process known as WAAM, is a combination of electric arc as heat source and wire as feedstock to 3D print large components for a variety of industries. Managing Director Ben Turner said, "The success rate of such applications is as low as a few percent and with the current climate the number of applications was very high, which is a testament to the value of this project. WintWire has just had a record year despite the pandemic and has the potential to be catapulted to huge levels of growth on the back of the project."

> www.iwma.org www.wintwire.co.uk



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+1.401.943.3777: phone +1.401.943.3670: fax e-mail: MARTY137@AOL.COM quarter. This positive momentum had a corresponding impact on profitability. For financial year 2021,

the company **HUBER+SUHNER** now expects operating profit margin (EBIT margin) to be above 11.0%. The previous

EBIT guidance provided a figure slightly above the medium-term target range of 8% to 10 %.

HUBER+SUHNER will publish the exact figures for order intake and net sales on January 21, 2022. The company will present the detailed results of the financial year 2021 at the media and analysts conference on March 8, 2022.

www.hubersuhner.com

NEMA's Patrick Hughes to President of Americans for a Clean Energy Grid

Americans for a Clean Energy Grid (ACEG), a diverse coalition focused on expanding, integrating and modernizing

the North American high-voltage grid, has elected National Electrical Manufacturers Association (NEMA) VP Operations, Patrick Hughes, as President. Hughes has been an active participant in ACEG since its inception, and will work to continue its influential work.

To learn more about ACEG, visit: www.cleanenergygrid.com

Times Microwave Offers New Test Cables

Times Microwave Systems introduces new Clarity™ 110 Test Cables for advanced testing of 5G, 6G, automotive radar and more.

Clarity 110 test cables are designed to accommodate the higher frequencies required for these testing applications. These test cables are ultra-stable through 110 GHz with exceptionally low attenuation for critical mmWave high frequency measurements, where phase stability and repeatability are of concern. They are also ideal for applications including semiconductor testing and on-wafer probing.

www.timesmicrowave.com

TKF involved in GROW consortium FlexH2 project

TKF is one of the invited partners in the GROW consortium FlexH2 proj-

ect, which was awarded a grant as part of the MOOI-

SIGOHE tender scheme by the Netherlands Enterprise Agency (RVO). The Shell-led research project FlexH2, which stands for Flexible Offshore Wind Hydrogen Power Plant Module, will develop/demonstrate technology to accelerate the scale-up of offshore wind, green hydrogen production and its integration in the energy system together with partners as Shell, Van Oord, TNO, DNV and others.

TKF will be involved in providing specialist knowledge in the design and engineering of the high-voltage power export DC cable, and the DC and AC medium voltage distribution power cable that electrically connects renewable power generation to the hydrogen electrolysis.

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RF Industries reports sales growth in fourth quarter and year-over-year

RF Industries, Ltd., San Diego, CA, USA, a national manufacturer and marketer of interconnect products

and systems, has announced its unaudited financial results for the fourth quarter and fiscal year ended October 31, 2021.

Fourth quarter fiscal 2021 highlights and operating results include an increase of 38% in net sales sequentially, and 97% year-over-year to US\$21.1 million.

Also, there was a backlog of some US\$33.3 million at October 31, 2021, on fourth quarter bookings of some \$22.9 million. As of December 22, 2021, the backlog stood at some US\$30.5 million.

RF Industries' gross profit margin was 25.3%, compared to 27.8% in the preceding third quarter, excluding the impact of the Employee Retention Tax Credits (ERC).

Operating income was US\$1.1 million, up from operating income of US\$393,000 in the preceding third quarter, excluding the impact of the ERC.

Net income was US\$813,000, or US\$0.08 per diluted share. Non-GAAP net income was US\$1.1 million, or US\$0.10 per diluted share. Fiscal 2021 highlights included a 30.9% increase in net sales increased year-over-year to some US\$57.4 million. Gross profit margin was 30.9% including the impact of the ERC, and 26.4%, excluding the impact of the ERC, compared

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Thermoplastics Engineering Corporation is a United States manufacturer providing a wide range of products and solutions for the Wire and Cable! Fiber Optic industries. For over 30 years, TEC has engineered high quality, custom machinery for Extrusion, Cabling, as well as servicing the Plastics Market for Tubing, Profile, and Compounding machinery.



to 26.9% for fiscal 2020. Operating income was US\$4.4 million including the impact of the ERC, and US\$929,000, excluding the impact of the ERC, compared to an operating loss of US\$403,000 for fiscal 2020.

Net income was US\$6.2 million, or US\$0.61 per diluted share, which includes the impact of US\$3.5 million in ERC and US\$2.8 million in PPP loan forgiveness recognized in fiscal 2021. Non-GAAP net income was US\$7.1 million, or US\$0.70 per diluted share.

www.rfindustries.com

Conference Calls & Webcasts...

• Insteel Industries Inc., Mount Airy, NC, USA, announced that its first quarter 2022 earnings conference call will be webcast live over the internet on January 20, 2022, at 10 AM ET, following the release of the company's first quarter financial results at 6:30 AM ET on that same day. The conference call can be accessed on the company's website and will be archived for replay. investor.insteel.com

Ouarterly Dividends Report...

• Freeport-McMoRan Inc., Phoenix, AZ, USA, declared cash dividends of US\$0.15/share on FCX's common stock payable on Feb. 1, 2022, to shareholders of record as of Jan. 14, 2022. This payment includes a US\$0.075/share quarterly base cash dividend and a \$0.075/share variable cash dividend. investors.fcx.com

• TE Connectivity Ltd., Schaffhausen, Switzerland, announced that its Board of Directors approved a recommendation to increase the TE quarterly dividend from US\$0.50 to US\$0.56/ share, for the four fiscal quarters starting in April 2022, the beginning of the third fiscal quarter. This would raise the TE dividend from the annual rate of US\$2.00/share to US\$2.24/ share, and will be presented for shareholder approval at the company's Annual General Meeting of Shareholders on Mar. 9, 2022.

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January 10, 2022

Notebook

TANAKA Denshi Kogyo to Increase PCC Wire Capacity with New Plant in Taiwan TANAKA Denshi Kogyo K.K.,

is poised to establish a new plant in Kaohsi-

ung, Taiwan. The
new facility will strengthen the
company's capacity to produce
high-performance copper bonding wires (PCC wires). TANAKA
Denshi Kogyo, which is engaged
in the production of various types
of bonding wires, will establish
this new plant in Kaohsiung
City, Taiwan, for the production
of high-performance palladium
coated copper bonding wires.
The Kaohsiung, Taiwan plant is
scheduled to commence operations in the first half of 2022.

TANAKA Denshi Kogyo has been producing PCC wires at its subsidiary in Taoyuan City, Taiwan, since 2011, while it also operates a technical support base in Kaohsiung City. The company is now building a third Taiwanese base so that it can establish stable supply systems capable of meeting the growing demand. Construction of this new plant forms part of TANAKA Denshi Kogyo's plans to increase its production capacity for PCC wires by some 1.5-fold by 2025 to meet growing global demand for semiconductors.

www.tanaka-preciousmetals.com



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wire 2022 & Tube 2022: Free "ecoMetals-trails" Tours

During wire 2022 and Tube 2022, visitors will be offered free daily guided "ecoMetals-trails" tours to

exhibitors who focus on sustainability, energy efficiency and resource conservation. Both trade fairs will be held concurrently



from May 9 to 13, 2022, at the fair-grounds in Düsseldorf, Germany.

At their exhibition stands, these companies will demonstrate how new technologies, machinery and equipment in their production facilities improve the energy and carbon dioxide balance in order to minimize the company's ecological footprint. The exhibitors will also explain to visitors how they manage to combine economy and ecology in their production and process chains. This seems more important than ever in order to deal with international competition and remain an important business partner.

The meeting point for all free tours will be the ecoMetals information counter at the North Entrance of the Düsseldorf fairgrounds.

www.wire-tradefair.com www.mdna.com

Exhibit Sales Strong for WAI Operations Summit & Wire Expo 2022

The **Wire Association International (WAI), Inc.**, Madison, CT, USA, reports that 70% of exhibit space has been sold for its biennial *Wire Expo 2022*, which will be staged

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Düsseldorf
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and Cable Trade Fair

concurrently with WAI's 92nd annual convention at the **Hyatt Regency Dallas**, Dallas, TX, USA. Wire and cable-related exhibits—featuring both supplier companies and manufacturers—will run June 7 to 8, 2022, in the center's Marsalis Hall.



"For Wire Expo, 87 stands have been allocated to 100 exhibiting companies," said Shannon Timme, Director of Sales. "We expect a sold out floor plan by March 2022, so Wire Expo will deliver a vibrant marketplace for in-person exchanges."

WAI's call for papers request presentations for the convention. Abstracts that can be submitted online at https://bit.ly/WAI Abstracts, are due February 1, 2022.

www.wirenet.org

Remee Wins 'ASTORS' Homeland Security Award

Remee Wire & Cable, Florida, NY, USA, a leading manufacturer of electronic wire and

cable, was recently honored at the 2021



'ASTORS' Homeland Security Award luncheon by *American Security Today* for the company's innovative and successful access control cabling solution.

The Annual 'ASTORS' Awards Program is specifically designed to honor distinguished government and vendor solutions and deliver enhanced value, benefit and intelligence to end-users in a variety of government, homeland security, enterprise and public safety vertical markets.

Now designated as an 'ASTORS Champion,' Remee Wire & Cable won this award for designing and manufacturing a unique access control cabling solution for a large on-line retailer with global warehouses and distribution centers.

www.remee.com

January 10, 2022

EVENTS

February 15 – 17, 2022

WHMA Annual Conference Tucson, AZ, USA, www.whma.org

March 1 – 3, 2022

Cable and Wire Fair 2022 New Delhi, India www.cablewirefair.com

March 14 - 16, 2022

Cables Europe 2022 Maritim Hotel, Cologne, Germany www.ami.ltd/event-cables

April 9, 2022

WCMA Distinguished Career Award Hartford, CT, USA www.wcmainc.org

May 9 - 13, 2022

wire 2022, Düsseldorf, Germany www.wire-tradefair.com www.mdna.com

May 10 - 12, 2022

Electrical Wire Processing Expo (EWPTE) Milwaukee, WI, USA www.electricalwireshow.com

June 7 - 8, 2022

WAI Operations Summit & Wire Expo 2022 Dallas, TX, USA www.wireexpo22.com

June 28 - 29, 2022

Polymers in Cable 2022 Philadelphia, PA, USA www.ami-international

September 21 - 22, 2022

M-EXPO, Juarez, Mexico www.mexpowire.com

September 26 - 29, 2022

wire China 2022 Shanghai, China www.wirechina.net www.mdna.com

October 5 - 7, 2022

wire Southeast Asia 2022, Bangkok, Thailand www.wire-southeastasia.com

October 10 – 13, 2022

IWCS 2022 Cable & Connectivity Industry Forum, Providence, RI, USA www.iwcs.org

October 25 - 27, 2022

wire South America, Sao Paulo, Brazil www.wire-south-america.com • www.mdna.com

November 23 – 25, 2022

wire India 2021, Mumbai, India www.wire-india.com • www.mdna.com



