INTERNATIONAL
Cruise&Ferry REVIEW
The global guide to passenger shipping

PLUS: BUILDING AND REFURBISHMENT | MARINE OPERATIONS | ONBOARD EXPERIENCE | PORTS AND DESTINATIONS

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EXPLORING NEW POSSIBILITIES

Why the Port Authority of Jamaica is looking beyond the waterfront to delight future cruise guests

MEMORABLE DESTINATIONS

How cruise lines, ports and destination partners are working together to create unforgettable cruise experiences all over the world

KEYNOTE:

Arnold Donald on taking Carnival Corporation to new heights

NEW TECH:

Four ferry line executives outline their technology strategies

DINING:

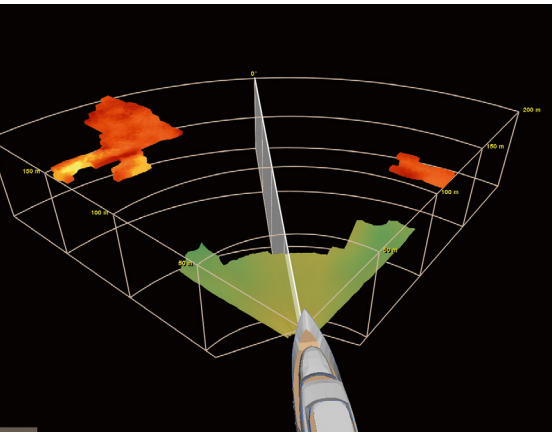
Operators share how they surprise and delight passengers

Eniram helps La Méridionale save fuel

Digital energy management technology from Eniram, a Wärtsilä company, has cut fuel consumption on La Méridionale's ro-pax ferry Piana by 2% in just one year.

Eniram Trim and Speed solutions have also decreased Piana's exhaust emissions on her route between Marseille and Corsica in France. They will now be implemented on the rest of La Méridionale's fleet.

FarSounder helps IHO improve cruise ship safety



FarSounder has become the first forward-looking sonar technology company to be registered as a trusted node for the International Hydrographic Organization (IHO) Data Centre for Digital Bathymetry database, hosted by the National Oceanic and Atmospheric Administration.

The IHO's Sonar Data Collection Programme has been extended to all FarSounder-500 and FarSounder-1000 users. Ships participating in this programme are supplied with an external USB drive, which records raw sonar data as they sail in remote regions of the world. If the user permits it, this data is shared with the IHO to help ships navigate waterways safely.

Trasmediterránea to deploy Carus ePOS

Carus is to implement its electronic point-of-sale (ePOS) system to streamline onboard retail and hospitality management processes across Trasmediterránea's ferry fleet, following a successful pilot on Ciudad de Ibiza.

"We have put our knowledge and experience into building the best-in-class hotel management system for ferry and cruise in the market," said Juan Manuel Caballero, CIO and CTO of Trasmediterránea. "We've spent more than one year working with Carus in order to have a smart POS and hotel management system that can cover the full passenger travel experience. Carus ePOS allows us to manage our passengers' needs from a 360-degree view."

How to ensure fire safety at sea

Risk to human life, brand reputation and high repair costs are all key reasons to protect a ship from fire, according to Carl Hunter, CEO of Coltraco Ultrasonics, a ultrasonic technology equipment manufacturer. In order to prevent onboard fires, operators should:

- Protect the vessel with a fire suppression system
- Get all fire suppression systems checked by a certified marine servicing company at least once a year
- Train crew members to regularly check the fire extinguishing agent is not leaking from the containers to ensure there is enough available if a fire occurs
- Use portable ultrasonic liquid level indicators (Portalevel MAX) to check the fill level of the agent – it takes one person just 30 seconds, unlike the traditional 15-minute manual process which requires the system to be switched off while two people remove and weigh the cylinders
- Ensure crew frequently checks the integrity of walls, hatches and openings in fire compartments to ensure they are airtight and will perform as required in the event of a fire – (Portascanner 520) portable ultrasonic compartment integrity indicator can help with this.

EXPERT INSIGHT

How Chelsom designs marine lighting

John Hadley, marine director at Chelsom, gives an insight into the important factors to consider when creating light installations for ships

The interior designers who create the spectacular interiors of today's ships are real specialists in their field. They have an overall brief to create something extravagant, breath-taking, original and awe-inspiring, so 'subtle' and 'understated' are rarely design watchwords.

As a designer, Chelsom must interpret the interior concepts that the designer has created to ensure that our lighting products fit with the overall theme of the space. However, we must also ensure that our lighting products function perfectly within the marine environment. Components should not vibrate or sway in rough weather, or weigh too much. Plus, installation and maintenance methods must be as simple as possible. In guest cabins, space is often a driving feature, so we must scale down individual components while still maintaining luxurious and welcoming ambient lighting. Switching and dimming options are also usually essential.

Lighting technology is playing an ever-increasing role in cruise interiors. Energy-saving light sources are mandatory, but colours, easily controlled dimming and remote switching are all growing more important too. We work as part of the team of marine experts to bring all the lighting requirements to fruition.

THE BURNING QUESTION: DO YOU UNDERSTAND FIRE RISKS?

CO2

PROTECTS YOUR PASSENGERS, CREW & VESSEL FROM FIRE. BUT DO YOU HAVE ENOUGH?

FIRE IS THE 2ND LARGEST RISK AT SEA

Your **onboard fixed CO2 fire suppression systems** are your fire brigade whilst at sea. But CO2 can leak. If there isn't enough, it may not put out the fire.

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