

The Exhibition

 **AMPP**[™]
CHAPTER ITALY

3rd Conference & Expo 2024
Sharing knowledge, the way to go!

“An International event for the Corrosion Prevention”

 **AMPP**
CHAPTER ITALY


3rd Conference & Expo 2024

Sharing knowledge, the way to go!

“An International event for the Corrosion Prevention”



Exhibitors' Guide

Under the auspices of:  **AMPP**
Association for Materials Protection & Performance

With the support of:





AMPP

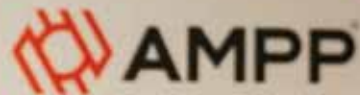


**Contribute, Learn and
Influence Global Industry
Consensus Standards**

AMPP Standards Committees establish internationally
recognized standards for protective coatings and
corrosion prevention and mitigation in many industry
sectors, utilizing an ISO accredited consensus
development process.

We're looking for subject matter experts (SMEs)
we need your expertise!

Join a Standards Committee today!



We Heard You



**See enhanced
member benefits!**



Membership

Education

Certification

Standards

Conferences & Events

Publications

AMPP
IA
Performance,
Corrosion
Protection.
Join a TCI today and start a conversation



Find a Home for Your Interest and Engage in one of our Technical Communities

Technical Communities of Interest (TCI) are groups of people who share a common technical interest, interact with others - members & non-members - who focus on the same industry topic for FREE



AMPP Standards

AMPP Standards are used worldwide to provide requirements, specifications, guidelines, and best practices for industries and governments that face the challenge of protecting their assets and infrastructure.

Get AMPP Standards



Contribute, Learn and Influence Global Industry Consensus Standards

AMPP Standards. Contribute and influence global industry consensus standards for corrosion protection, coatings, and materials performance.

Join a Standards Committee today!



We Heard You



See enhanced member benefits!



The Association for Materials Protection and Performance



Advancing Careers. World Together

AMPP is a community of 34,000+ members across the globe with expertise in the coatings and materials performance industry.

- We offer:
- Education, Training, and Certification
 - Coatings Inspection
 - Coatings Production
 - Coatings Application
 - Specialized Courses & Webinars
 - Industry Developer Standards
 - QP Industrial Contractor Accreditation
 - Membership for Individuals
 - Conferences & Events
 - Industry-focused Publications
 - CoatingsPro Magazine
 - CORROSION Journal
 - Materials Performance



Join a TCI today and start a conversation



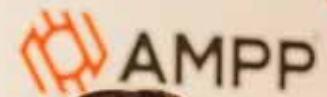


Contribute, Learn and Influence Global Industry Consensus Standards

AMPP Standards Committees represent internationally recognized standards for pipe-line coatings and cathodic protection and integration of these standards with other industry standards, adding an AMPP accredited consensus standard to your portfolio.

Are you looking for subject matter experts (SMEs) to help develop standards?

Join a Standards Committee today!



AMPP
You



The Association for Materials Protection and Performance



- Membership
- Education
- Certification
- Standards
- Conferences & Events
- Publications
- and more





AMPP
MEDIA

The latest information in performance,
protective coatings, corrosion
prevention and mitigation.

- Print and digital publications
- Newsletters
- Podcasts
- Webcasts
- Videos
- Books

AMPP

The Association for Material
Protection and Performance

AMPP
AMPP Standards



AMPP

AMPP Standards

AMPP Standards are used worldwide to provide requirements, specifications, guidelines, and best practices for industries and governments that lead to sustainable policies that benefit everyone.

Get AMPP Standards



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Influencing
Consequences

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Protection and Performance



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PIPELINE INSPECTION, LIT

INSPEZIONE CONDOTTE
PIPELINE INSPECTION, AHT

INSPEZIONE CONDOTTE
HYDROMECHANICAL
PIPELINE CLEANING, PHC

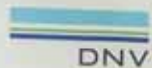
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POTENTIAL OF THE
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DE NORA

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coatings and anode geometries
for concrete and conventional
cathodic protection

Offering solutions for
compressed current applications
pipelines
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concrete structures
offshore

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for Cathodic Protection



Lida®
Net anode

Cathodic protection solution,
ideal for the refurbishment
of steel-reinforced
concrete of
- bridges
- tunnels
- pipelines

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coatings and anode solution
for cathodic protection

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technological breakthroughs

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CHALLENGES WELCOMED

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AND
RELIABLE
DECOUPLER
PERFORMANCE**

The DC decoupler is used to
decouple the AC current from the
DC current in the system.



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ELECTRICAL INDUSTRIES

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HELPS
AC CURRENT**

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OUR OTHER
APPLICATIONS**

Dairyland products can be used to
address numerous industry applications
where simultaneous AC isolation
and safety grounding is required.



omcc



IMC engineering srl
Coating and Inspection Consulting & Services

- Preparation and revision of technical specifications
- Coating Condition Survey
- Inspections and Quality Control
- Project Management
- Failure analysis
- Laboratory analysis
- Arbitration and disputes
- Training

IMC engineering srl
Coating and Inspection Consulting & Services

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information
on
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win a discount
on an **AMPP**
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scheduled in
Italy



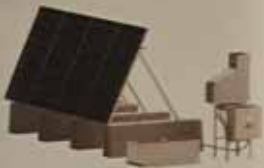




FMENGINEERING



NEVER FAIL
SOLAR



The Solar Hybrid Advantage



Sistemi di protezione anticorrosiva
Anti-corrosive protection systems

Strutture interne
Internal structures

Strutture esterne
External structures

Strutture di collegamento
Connection structures



PASSION TO DELIVER SOLUTIONS



IMC engineering srl
Coating and Insulation Consulting & Services

IMC engineering srl
Coating and Insulation Consulting & Services

- Preparation and revision of technical specifications
- Coating Condition Survey
- Inspections and Quality Control
- Project Management
- Failure analysis
- Laboratory analysis
- Arbitrations and disputes
- Training
- Passive Fire Protection

Industries served

- Marine
- Oil&Gas
- Infrastructures
- Mega Yacht

IMC



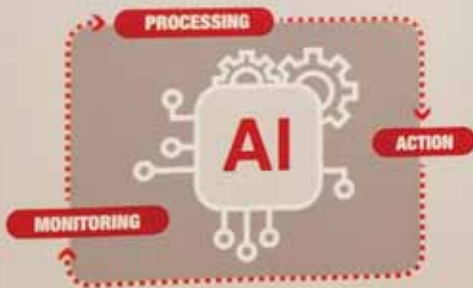




GIANT

Gas Integrated and Automated Network Technology

DATA-DRIVEN SOLUTION FOR THE SMART MANAGEMENT OF GAS DISTRIBUTION NETWORKS



Dynamic regulation of operating pressures

Dynamic regulation of the current from cathodic protection rectifiers

Dynamic regulation of injected odorant



Soluzioni di monitoraggio remoto della protezione catodica

- Soluzione integrata per alimentatori, drenaggi, punti di misura, misure manuali
- Controllo remoto e ON/OFF sincronizzato degli alimentatori
- Misura Eirfree su coupon con interruttore integrato allo stato solido
- Tecnologia a bassissimo consumo e comunicazione smart dei dati
- Comunicazione remota tramite rete 4G, satellite, ethernet o RS485
- Gestione dei sistemi di protezione catodica attraverso un software completo e proprietario



POLILAPP



APCE 40

40° ANNIVERSARIO DI APCE

Padova, 20 - 21 ottobre 2021

APCE

ASSOCIAZIONE PER LA PROTEZIONE DALLA CORROSIONE ELETROLITICA

INSIEME PER LA SICUREZZA E
LA QUALITÀ DELLE STRUTTURE METALLICHE

CE NE FACCIAMO CARICO

APCE, Associazione per la Protezione dalle Corrosioni Elettrolitiche, da oltre 30 anni diffonde la cultura della prevenzione nelle infrastrutture. Senza scopo di lucro, opera promuovendo la formazione certificata degli operatori, il finanziamento alla ricerca, la collaborazione stimolando la ricerca e lo sviluppo di settore. Il tutto, il più importante, per la gestione e la manutenzione delle infrastrutture.

APCE 40

40° ANNIVERSARIO DI APCE

Padova, 20 - 21 ottobre 2021



40 anni tra radici e futuro

Cortec® Corporation
World Leader In
Corrosion Control Systems

CARTE DOZIO

**PROTEZIONE
ANTICORROSIVA**



VpCI - TOTAL CORROSION CONTROL

VpCI - ANTICORROSIVE PACKAGING

Con anticorrosivi VpCI® - Vapor phase Corrosion Inhibitors - si identifica una famiglia di prodotti in grado di bloccare o rallentare la corrosione.

I prodotti Cortec® offrono una protezione multi-fase. Le molecole degli inibitori VpCI® sono adsorbite dal metallo, sul quale si creano impaccate molecole di fosforazione.



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cartedozio.co



**TOTAL
CORROSION
CONTROL**



CORTEC

VpCI® Technology
For Oil and Gas
Industry



CLEAN PROTECT AND PRESERVE



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TRENTON
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Jotun Protects Property

Maintain steel integrity

Motivated by the toughest of conditions, we constantly seek to solve the problems that lie ahead. As a trusted maintenance partner, we offer innovative products and technologies that deliver exceptional performance for steel assets.



Proven fire protection



Unconditional steel protection



Engineered thermal performance



Trusted tank linings



Jotun Protects Property

Experts in steel protection since 1926



Support efficient operations



Reduce hazards and risk



Minimise environmental impact



ELEMENT





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MECHANICAL CHEMICAL AND METALLOGRAPHIC TESTS

Founded in 1989,

Sider Test is now

A WORLD LEADER IN THE EXECUTION OF ACCREDITED TESTS

for the needs of all companies
that transform metallic
and non-metallic materials



ONLY 4 DAYS

SINCE SAMPLE RECEIPT
TO RESULTS



1° DAY
TAKING CHARGE



2° DAY
TEST DESIGN



3° DAY
TEST MANAGEMENT



4° DAY
DELIVERY

- MECHANICAL TESTS
- CHEMICAL ANALYSIS
- METALLOGRAPHIC EXAMINATIONS
- NON DESTRUCTIVE CHECKS
- H2s CORROSIONS
- DISBONDING TEST
- FAILURE ANALYSIS
- CORROSIONS TESTS
- SIMULATED HEAT TREATMENTS
- TEST FOR WELDING QUALIFICATION
- DIMENSIONAL CHECKS

H2 IIS SIDER
was born to perform
tests under H2 gaseous
environment up to 1500
bar on specimens with
different geometries: smooth,
notched, mechanics
specimens, tubes or
tubular



System
Pressure



The Italian Institute
of Welding (IIS)
and SIDER TEST
merged their skills
and knowledge to set up
a new laboratory
dedicated to testing
under gaseous
hydrogen environment
up to 1500 bar:
H2 IIS SIDER



IIS - ISTITUTO ITALIANO DI SALDATURA



MECHANICAL TESTING
IN GASEOUS HYDROGEN
ENVIRONMENT
TEST UP TO 1500 bar in

HYDROGEN
TESTING
FOR INDUSTRY

- STATIC TESTS
- CRACK GROWTH
- FATigue
- CUSTOMER SERVICE

WAYS
THE SERVICE
INDUSTRY

ISTITUTO ITALIANO
DELLA SALDATURA



TRAINING
INSPECTION AND TESTING
ENGINEERING
CERTIFICATION
LABORATORY
TECHNICAL EVENTS



omecco

Società soggetta all'attività di direzione e coordinamento di

ICIM
GROUP

EXPERIENCE proven by
over 50 years of **TEST**

omecco

CORROSION [kə'rouʒn]
METALLURGY AND ANTI METALLURGY

Corrosion of metals was born when man started refining, with fire, mineral to metal. At the same time, natural forces began to operate in the opposite direction, reverting back metal to a lower energy state by corroding it to bring it back to the earth.





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TEST ANALYSIS & CONSULTING

your partner for
technological innovation

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INDUSTRIAL COMPUTER
TO...

TEST, ANALYSIS

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technological i

Hydrogen Embrittl
tests in gaseous H₂
high pressure and

SCC Str
tests in

Slow Strain Rate and
in H₂, H₂S, CO₂
high pressure and tem

Gala Dinner

ACCREDITED

DONELLI

DONELLI GROUP
CORROSION PROTECTION APPLICATIONS SINCE 1911

HYDROPOWER



DONELLI
CORROSION PROTECTION APPLICATIONS SINCE 1911

ON-SITE & IN-SHOP
CORROSION COATING SERVICES



DONELLI
CORROSION PROTECTION APPLICATIONS SINCE 1911

FIREPROOFING AND
INSULATION FOR INDUSTRIAL PLANTS,
OFFSHORE AND
INFRASTRUCTURES



DONELLI

CORROSION PROTECTION
APPLICATIONS SINCE 1911

COATING, FIREPROOFING AND
INSULATION FOR INDUSTRIAL PLANTS,
ENERGY, OFFSHORE AND
INFRASTRUCTURES



**Five plants,
one identity**



We have worked hard to ensure a unitary customer experience developing the "Donelli identity". This is what you find in all 5 plants...



PosiTest HHD
 High voltage Holiday Detector
 Detects holidays, pinholes and other discontinuities using pulse DC

DeFelskor

TQC

Spessimetri e strumenti d'ispezione

TQC ITALIA

Posifector Inspection
 Assess Wiring Complexity

- Quality Control
- Surface Profile
- Environmental Conditions
- Moisture
- High Temperature
- Cathodic Strip Protection

DeFelskor

Posifector DPM L
 Dew Point Meter Logger
 Diagnostic probe attached to steel structure for monitoring climatic conditions

DeFelskor



Surface Profile
 Posifector 370
 High resolution
 Posifector 370
 High resolution
 Surface
 Measuring instrument

WIR THICKNESS
 Posifector 370
 Measuring instrument

Posifector 370
 Measuring instrument



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Soluzioni di verniciatura ad alte prestazioni per i vostri progetti



INDUSTRIAL COATINGS Powder Coatings

Various market segments:
Infrastructure, Oil, Metal packaging,
Automotive, Marine structures, etc.

Innovative products
Market leader in Europe

CIN		
€ 395M € <small>Revenue 2023</small>	 + 100 years	
	4 BU	
8 R&D	10	150k m ²
11M € <small>Investment 2023</small>	 150k Ton	
 1 st	10 th <small>in Europe</small>	36 th <small>in the World</small>
INNOVATION QUALITY & LEADERSHIP		

CIN



PERFORMANCE

RIVECO GENERALSIDER



BAC

BAC IMPALLOY



Cathodic Protection buried structures

Pipelines, Refinery, Gas storage and
small bulk, oil storage, Desalination
plant, Power plant



Our competences

- Engineering and Audit by certified personnel (Level 2 to 4)
- Material / Transformer Backfill, Anodes Fe/Si, Ti/Ag/SS
- Monitoring (Reference Electrodes, Coupons, Test post)
- Corrosion and start up on site (reference measurements, DCVG, GPS, ...)



EAS...
- cath...
...LE · EFFECTIVE
...on against corrosion

BAC





Laboratorio Prove Accreditato
ACCREDIA LAB N° 0718 L
Officina Lavorazioni Meccaniche



 Alleima

A more sustainable way to bridge
the gaps to new possibilities

Sanicro® 35 not only bridges materials
gaps, it reduces your carbon
footprint thanks to the sustainable
manufacturing process.

- Available in
- tube
 - bar
 - pipe
 - plate



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THE BEST GEAR DESCRIBES THE WORLD'S BEST PREPARATION

BRISTLE-BLASTER® MBX OMTEST + aeroblaster®
ActiVet® DECAPOWER

MONTIPOWER



VECTOR



Estensione della
vita utile delle
strutture dei ponti

Soluzioni innovative per i
problemi di corrosione



We save



Estensione della
vita di servizio delle
strutture marine

Soluzioni innovative per i
problemi di corrosione

ANODI GALVANICI
SISTEMI ICCP
GIACCHE
GALVANICHE PER
PALI MARINI
ANODI SFUSA

BEAT THE BUZZER

THE POLYTHEMATIC MARINE LABORATORY OF
CNR-ICMATE IN BONASSOLA (La Spezia) - ITALY

MARECO is the marine laboratory of the Genova unit of the ICMATE Institute, which belongs to the DSCTM department of the Italian CNR



The Institute of Condensed Matter Chemistry and Technologies for Energy, ICMATE, has four units: Genova, Milano, Lecco, Padova (headquarters)

ICMATE Scientific platforms:

- Materials & Processing
- Metallurgy
- Energy & Hydrogen
- Sustainability Transition
- Health & Well-Being
- Digital Chemistry
- Cultural Heritage Science & Technology

Lecco

Milano

Genova



MARECO
Bonassola (SP)



the Department of Condensed Matter Technologies for Materials, DSCTM, is composed of 11 Institutes, including:

DSCTM research areas:

- Green chemistry and energy
- Chemistry and energy
- Chemistry for life sciences
- Advanced materials
- Chemistry for cultural heritage
- Computational modelling



The National Research Council (CNR), is composed of 7 departments:

The CNR missions are:

- scientific research and innovation across diverse fields
- technological advancements
- fostering collaboration among researchers to address societal challenges and economic growth.

CONTACTS

MARECO
polythematic marine laboratory

ICMATE-CNR
Genova unit
Via de Marini
18149 Capriate

ICMATE-CNR
Padova headquarters

MARECO POSITION, RENOVATION



EQUIPMENT



MARECO RESEARCH AND EXPERIMENTATION

MARECO is a multidisciplinary infrastructure opened to scientific institutions and private operators active in research and experimentation concerning materials and technologies in marine area.

ADVANCED MATERIALS AND TECHNOLOGIES IN MARINE ENVIRONMENTS

Research in early development of Fe and Al based in composites

Environmentally friendly corrosion and corrosion inhibitors on active-passive alloys

Effect of sunlight radiation on cathodic protection of carbon steel in natural seawater

Corrosion resistant tests in sea water for materials for Multi-Effect Distillation

Research on the corrosion of normal tubing

and sulfate content on aluminum based

Research for applications

Research on heat treated parts immediate proximity of

Tests operating at large



25 days 35 days 45 days 55 days



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UNA PERSONA
OGNI MINUTO.
DAL 1994.**

EMERGENCY è un'associazione indipendente e neutrale, nata per offrire cure medico-chirurgiche gratuite e di elevata qualità alle vittime delle guerre, delle mine antiuomo e della povertà.

EMERGENCY promuove una cultura di pace, solidarietà e rispetto dei diritti umani.

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Life Support.
La nave di EMERGENCY

La nave di EMERGENCY è una nave di soccorso medico-chirurgico che opera in zone di conflitto e di crisi umanitaria. È una nave di frontiera che opera in zone di alta pericolosità e di alta difficoltà operativa. È una nave di frontiera che opera in zone di alta pericolosità e di alta difficoltà operativa. È una nave di frontiera che opera in zone di alta pericolosità e di alta difficoltà operativa.

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- L'ordine di lavoro
- La soddisfazione del cliente



GMA GARNET GROUP

GMA ToughBlast™ ABRASIVO



Miscela studiata per
la rimozione rapida di
rivestimenti resistenti
e ruggine pesante.

Applicazioni Industriali: Petrolio
e gas • Costruzione navale • Ponti
• Stoccaggio serbatoi • Difesa

GMA TOUGHBLAST™

Realizza rimozione di rivestimenti
ad alta sporcizia e/o incrostazioni.

- Profilo superficiale uniforme: 65 - 95 µm
- Velocità di sollevatura: fino a 20 m²/ora
- Consumo a secco da 10 kg/m²



GMA PREMIUMLAST™

Rimozione di rivestimenti spessi
o medi e di ruggine da media a pesante.

- Profilo superficiale uniforme: 65 - 95 µm
- Velocità di sollevatura: fino a 20 m²/ora
- Consumo di consumo: 10 - 15 kg/m²



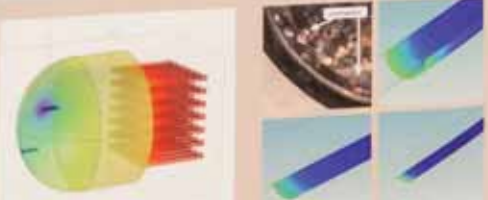
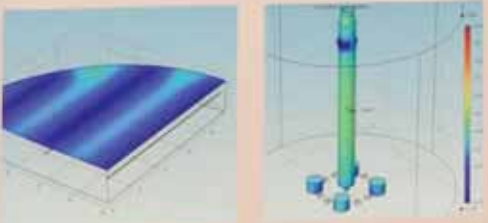
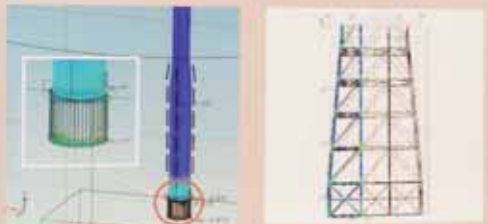
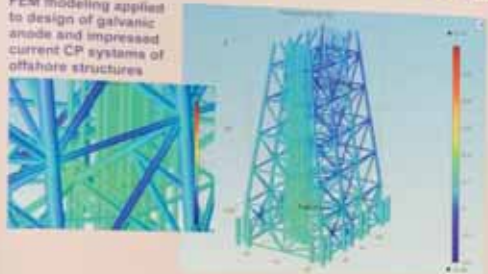
PRENDERSI CURA DELL'AMBIENTE

GMA Garnet™ è un minerale naturale, a differenza
di altri abrasivi ricavati da prodotti industriali.
I nostri prodotti sono inoltre generati
senza l'uso di agenti chimici e processi
dannosi per l'ambiente.



cescor **FEM Modeling**
Advanced
Cathodic Protection Design

FEM modeling applied to design of galvanic anode and impressed current CP systems of offshore structures



cescor **Corrosion.**
Materials performance,
Asset Integrity



Offshore structures
Integrity Services
and
Inspection Planning
Inspection data
analysis and
interpretation



Process plant and tank farms Corrosion Risk Assessment Studies



Pipeline Internal and
External
Direct Assessment,
Pipeline Integrity and
requalification,
Pipeline ILI data
analysis and Fitness
for Service



Pipeline external
CIPS and DCPV
cathodic
protection surveys



Internal corrosion prevention

**Corrosion and
Cathodic protection
Probes**



CINCO probe



TI-AMMO Electrode



AACE Ag/AgCl electrode



Subsea contact tip probe



EFD probe



**UNDERWATER
CATHODIC PROTECTION
INSPECTIONS**

cescor

A photograph of three people standing in front of a trade show booth. On the left is a man with grey hair, wearing a dark blue blazer over a light-colored shirt and blue jeans. In the center is a woman with blonde hair, wearing a black blazer and black pants. On the right is a woman with long brown hair, wearing a black blazer over a light-colored top. All three are wearing lanyards with ID badges. The background is a dark blue wall with the RIA logo and the slogan 'Our experience. Your growth.'

RIA

Our experience. Your growth.

Silicone resin foul-releasing paint



For swimmer



From rubber energy conversion



Fuel saving system



BIOCLEAR





Offshore facilities and fishing vessels with antifouling, which reduces the operation of seawater treatment, reduce energy 20% consumption, fuel consumption, at marine vessels, industry saving energy for the company, benefits are:

Chugoku industrial BIOCLEAR is a bio-fouling release paint manufacturing started point in 1990. Foul paint products with sufficient characteristics, products, low-maintenance, safety, in various marine environments.

Characteristics for Foul-releasing



BIOCLEAR ECO
CMP BIOCLEAR HB
CMP BIOCLEAR R
CMP BIOCLEAR PLUS

CMP CHUGOKU
 CHUGOKU PAINTS, LTD.
 S.p.A.



Super Durable Finish Coating System
Fluororesin Finish Coating

FLUOREX

As shown in Figure 1, a fluororesin finish coating system for the protection of metal surfaces, which is highly resistant to corrosion and provides a long service life. The coating system is applied to the surface of the metal and provides a protective layer that is highly resistant to corrosion and provides a long service life.




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Underwater applicable heavy duty coating



PERMASTER V

PERMASTER V is an epoxy resin coating system, which is highly resistant to corrosion and provides a long service life. The coating system is applied to the surface of the metal and provides a protective layer that is highly resistant to corrosion and provides a long service life.




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PER LA
PROTEZIONE
DEL CALCESTRUZZO



MAPELASTIC
QUADRO ZERO



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NEW



SHIELD software design

il primo software
per il dimensionamento
del sistema di protezione
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Impressed Current
Cathodic Protection
(ICCP) System for
Offshore LNG Terminal
In Hong Kong



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Transformer Rectifiers



Marine Structures Cathodic Protection
Impressed Current Anodes



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MATED

MATERIALS & TECHNOLOGIES FOR DURABILITY

PIPELINES COATING TESTING
ISO 17025 ACCREDITED LABORATORY



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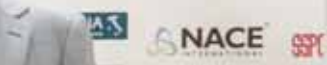
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ISO 12796 SMALL SCALE
Tri-axial creep and hydromechanical collapse
LT & HT Thermal conductivity
Coefficient of linear thermal expansion, TMR
Specific Heat Capacity, SMC
Tensile and compressive test

COATING QUALIFICATIONS
Pull-off testing
Cathodic disbonding
WAC/Dry Spreading and UV degradation
Peeling and adhesion tests
Specific resistance resistance

ISO 15877 CUR
Multi phase cure cycle
Thermal cycling, MS, Immersion

ACET - EIS
Accelerated cyclic electrochemical technique
Electrochemical Impedance Spectroscopy

PRE-INSULATED PIPE
Water absorption at high pressure
CMI detection, flame density, viscosity
Liquid permeability analysis
Micro crack resistance (MCR)
Saltwater block, Thermal stability, SMC, WAC

COATING QUALIFICATION
ISO 12796 all parts
ISO 12944 all parts
ISO 20363 all parts
NORMEN M 501

THERMAL
Differential scanning (DSC)
Thermogravimetric analysis (TGA)
Thermochemical analysis (TGA)
Thermal conductivity (Sambal)
Thermal cycles with humidity

MECHANICAL
Tensile, compression and flexural
at low and high temperatures
T3-axis creep test
Impact and flexibility
Adhesion and peeling
Abrasion, scratching and friction
Lap shear and penetration

AGEING
Salt spray (MIL, MIL, MIL, CASS)
Corrosion
UV and haze test
UV-FT test (subsoil)
ISO P50C testing (Ballast tank)
Condensation and humidity
Hot water immersion

ELECTRO/CHEMICAL
Cathodic disbonding
Salt-Fraction water test
SOI atmosphere
Hydrolysis and

PHYSICAL
Advanced spectroscopy FT-IR
Coating thickness
Hardness and surface profile
Specific gravity and viscosity
Refractive and color
Color and

PIPELINES & BENDS
Powder (FBE) and liquid primers
3-layer polyolefins (3LPE)
Synthetic-composite coating
Injected and Foam insulation
Concrete Weight Coating (CWC)
Neoprene rubber (PCR)

OFFSHORE & MARINE
QA/QC inspection services on
types of applied coatings on
Ballast/cargo or holds, topside
tanks hulls and decks
Windmill farm inspection

INDUSTRIAL ENGINEERING
Valves, bonnets and manifolds
Flanged systems
Storage tanks and wellheads
Refinery gate valves

CIVIL ENGINEERING
Coated bridges and structures
Dams, floodgates and decks
Highways, steel overpasses
and viaducts
Light poles, pylons, cableways

CLIMATIC TESTING
Thermal cycles
Environmental cycles
Coldblast resistance
Corrosion properties
Damp heat resistance



SOLAR SIMULATION
Resistance to atmospheric agents
Accelerated light weathering
Solar simulation units
Florida test, Katahari test
Lightfastness



SURFACE ASSESSMENT
Thickness, adhesion, hardness
Scratch & Mar resistance
Linear abrasion and crockmeter
Glass, color and Haze
Wear and stone impact



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Cathodic protection for buried, immersed, marine and steel structures

ISO 9001:2015 certified design and technical services



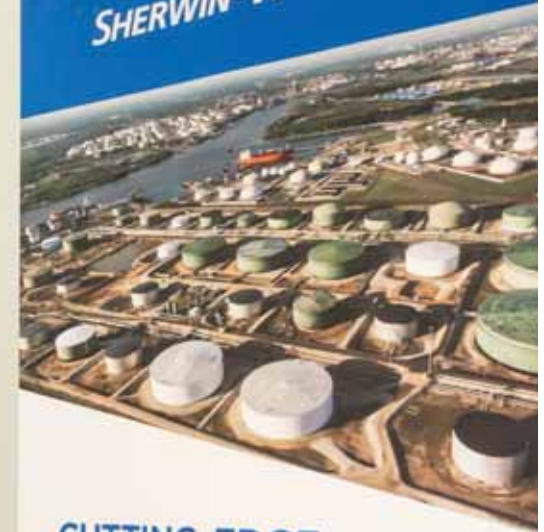
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Hochmosel Bridge

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When evaluating solutions for biofuel storage, it's essential to consider the following:

- Diverse feedstock storage challenges
- Unique biofuel challenges
- Comprehensive biofuel storage testing
- Proven biofuel storage solutions

- Nova-Plate[®] UHS
- Magnalux 41V2

HEAT-FLEX CUI-MITIGATING COATINGS

Designed to withstand harsh conditions before and during service

ENHANCED WITH MIO

- Heat-Flex 650 Epoxy Phenolic
- Heat-Flex 750 Alkyd Amine
- Heat-Flex 1200 Plus Part M Matrix (JMW)

SOLVENT FREE ADVANCED COATINGS

- Heat-Flex ACE 100% Solids Epoxy

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- Fast drying

Interbond 1202UPC

- Excellent resistance to cyclic temperatures
- CUI resistance from cryogenic to 650°C



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protection
High quality
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Improved abrasion and impact resistance

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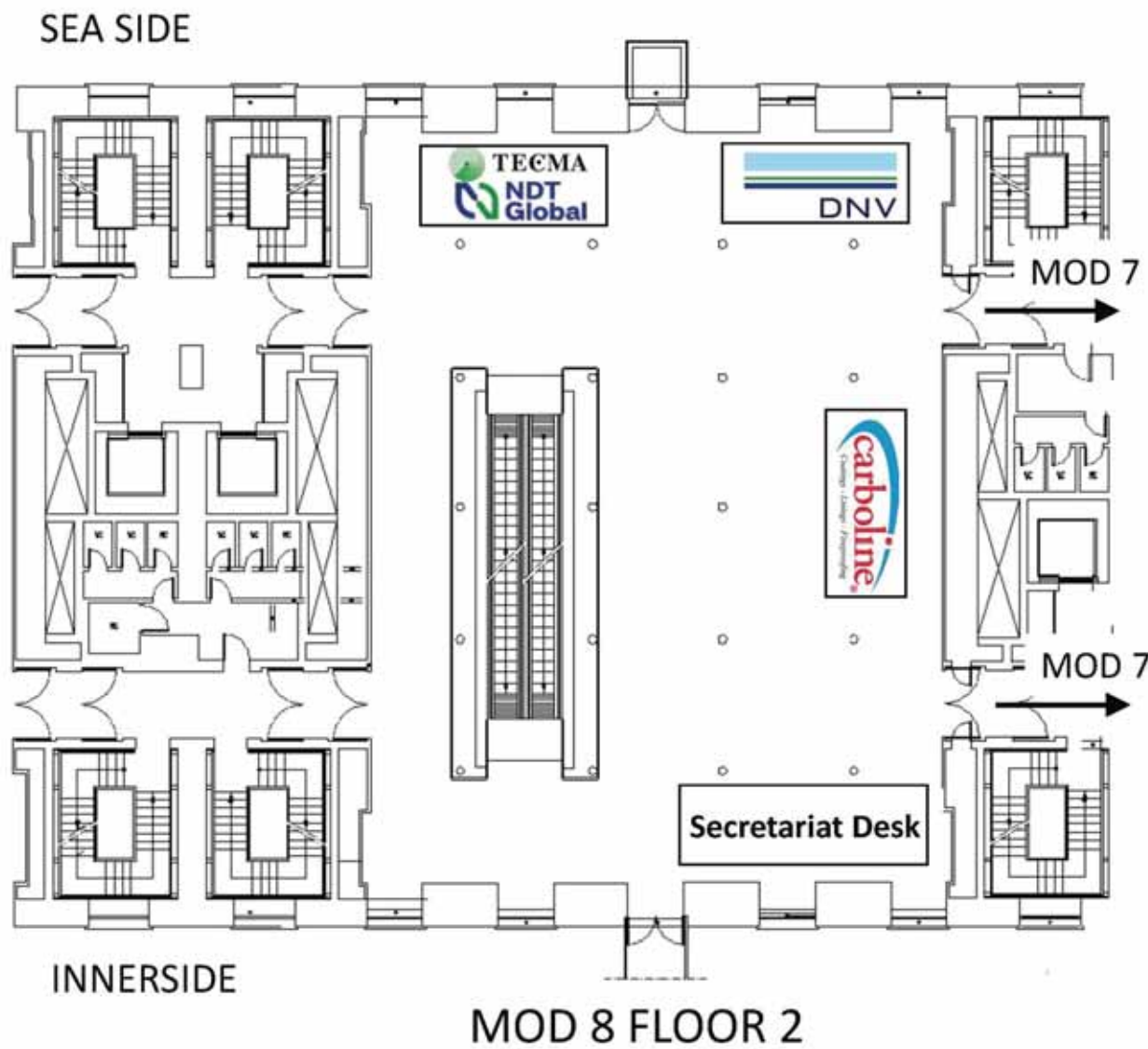


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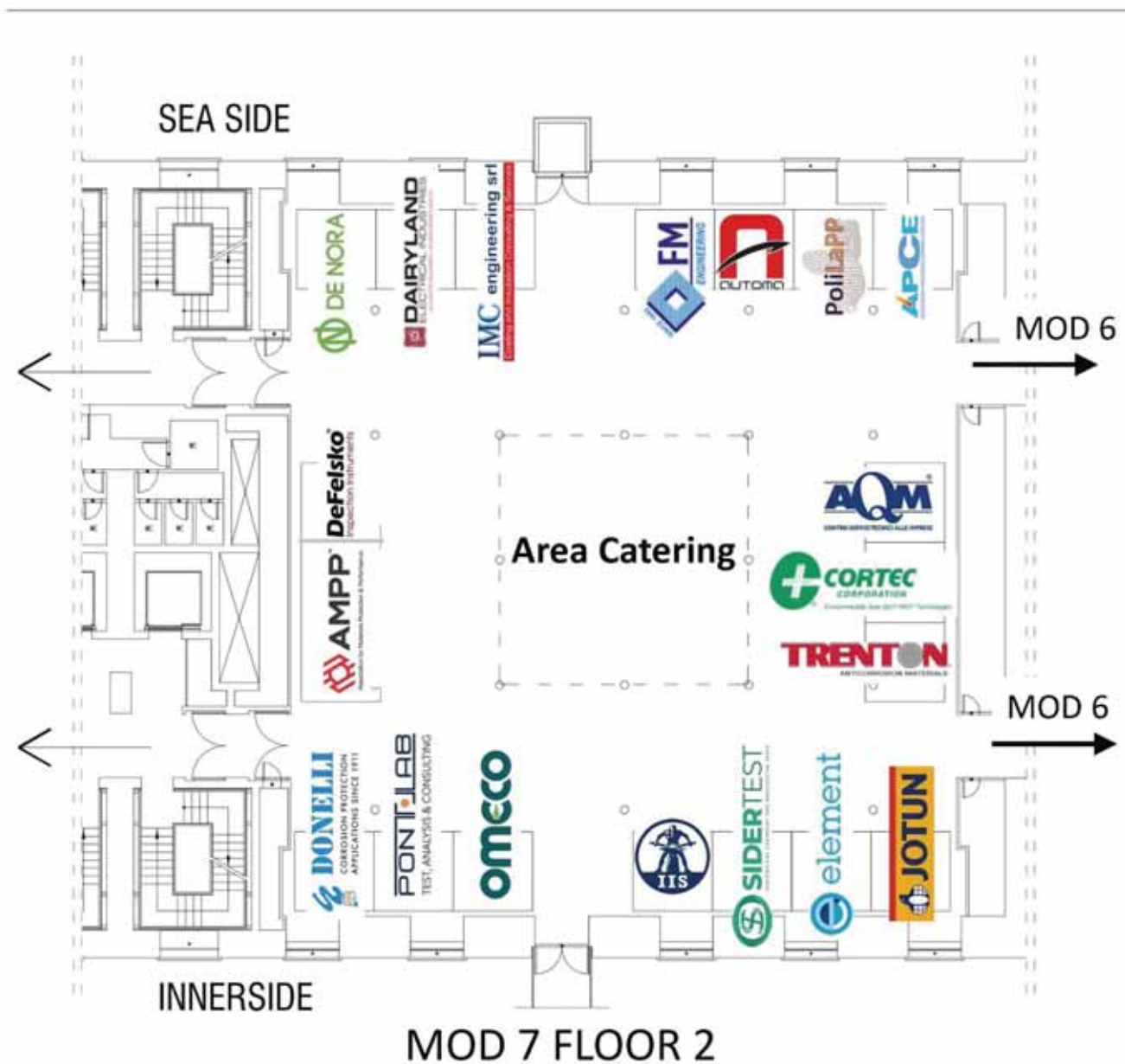


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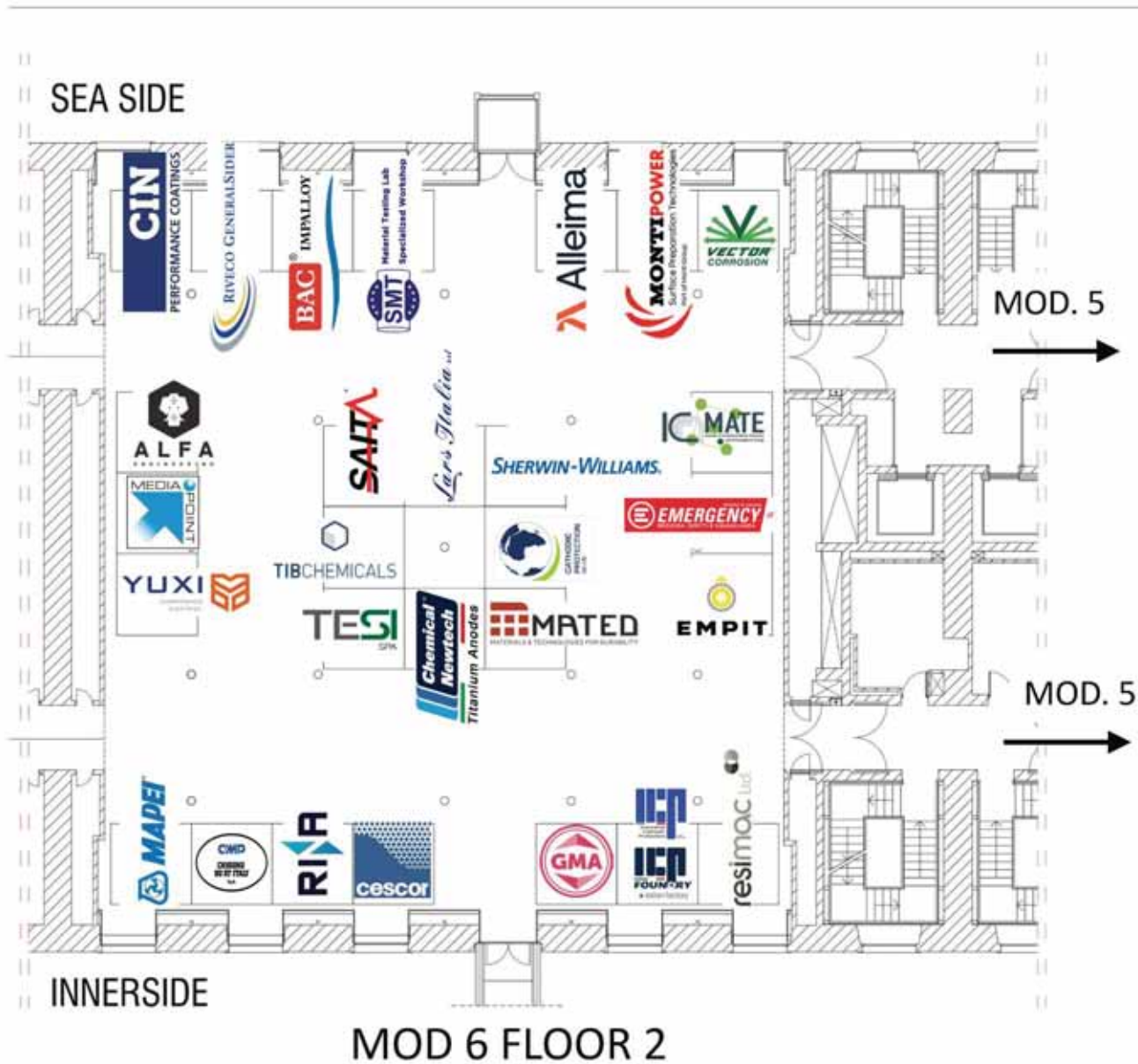




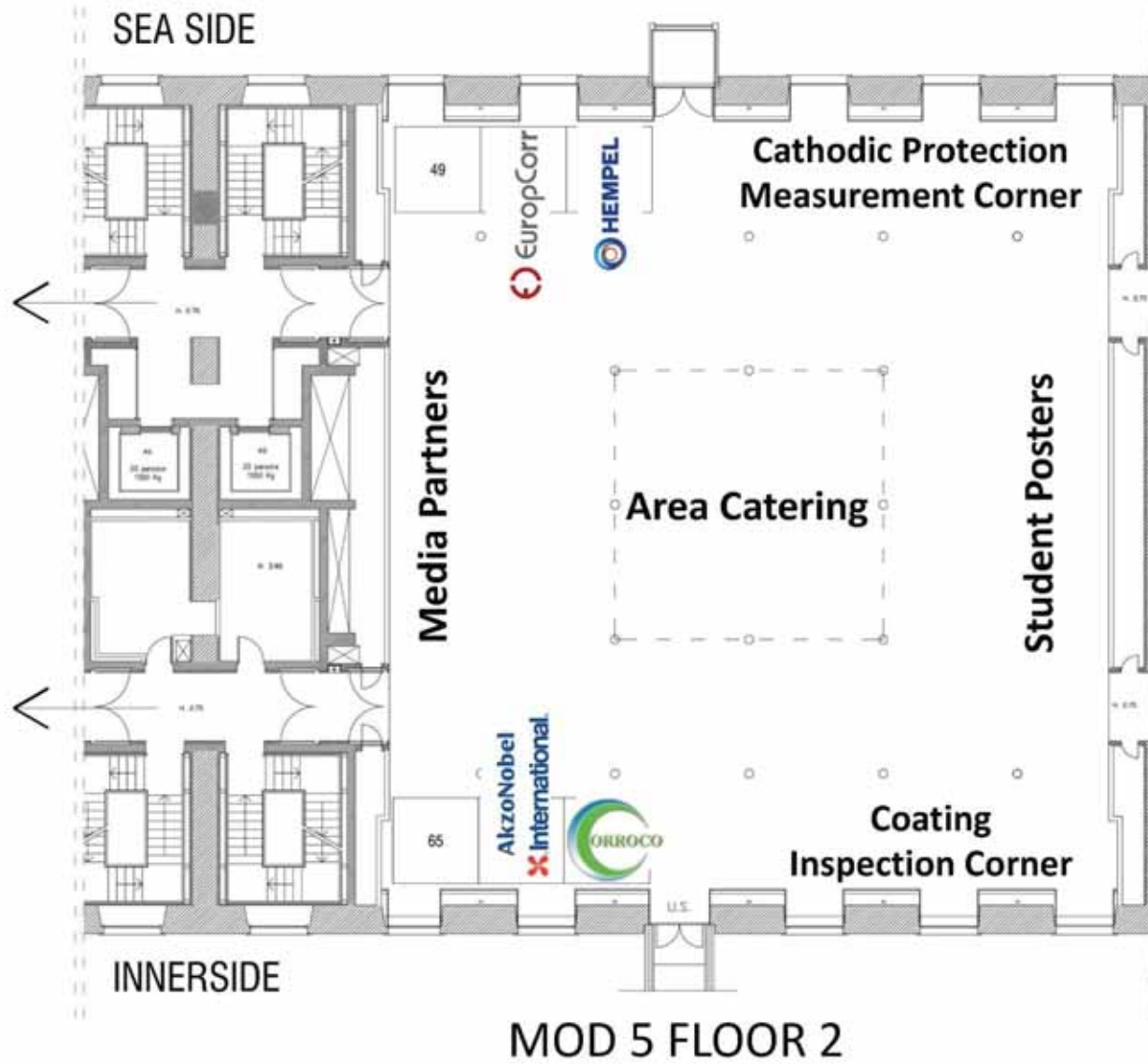
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