

**JUDITH FERGUS**

BSc (Hons), CIM Dip. Marketing, ICorr Level 2, MICorr, IMO PSPC Inspector, FIMF

Managing Coating Consultant

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Judith Fergus is a qualified Chemist with over 30 years of experience in marine, protective coatings and fire proofing serving Shipping, Oil and Gas and Infrastructure, handling research & development, marketing, business development and sales with global companies. Judith joined Brookes Bell in October 2019.

Her areas of expertise cover a range of investigative, managerial and paint product development in the Marine and Protective Coatings industry. Judith worked in the technical operations department of a major coating manufacturer for many years.

During her career she has investigated and reported on a wide range of issues related to paint failure and loss of performance such as:

- liaising with ship owners, contractor and yards regarding product selection and issues
- inspection of fouling and hull damage both at yards and at anchorage
- failure of paint in cargo holds, chemical tanks and ballast tanks
- cargo contamination by previous cargoes adsorbed onto paint surface
- visual deterioration of cosmetic finishes due to staining, UV and discolouration
- paint damage due to aggressive cargoes
- investigation of paint failure due to application issues or coating selection e.g. cracking, detachment, blistering, chalking and softening
- collection of appropriate forensic evidence e.g. photographs, paint flake samples, on-site measurements, blister fluid, amine bloom samples etc.
- Understanding of complex analytical test reports

Judith has an extensive portfolio of skills ranging from paint formulation/development to testing/certification and application. Development of new coatings has given her an in depth understanding of the technologies used in the coating industry. Knowledge of the chemistry underpinning the coatings performance has enabled her to attribute issues to incorrect surface preparation, application methods and environmental factors such as humidity/temperature. She has supervised many coating applications and product certification testing and fully understands the protocols and documentation required to ensure these processes are carried out correctly.

Academic Qualifications

BSc Hons in Applied Chemistry - University of Northumbria, Newcastle upon Tyne

Advanced Certificate in Marketing - Gateshead College

Coating Inspector (inc. Marine & Offshore) Level 2

IMO PSPC Inspector

Professional Memberships

Member of Institute of Marine Engineering, Science and Technology (MIMarEST)

Member of the Institute of Corrosion

Previous Employment History

PC Business Director for Kansai Paint Europe

PFP Project Team, Marketing and Sales Director, Kansai Paint Japan

Worldwide PC Assistant Manager, Kansai Paint Japan

Kansai Paint Marine Consultant, Kansai Paint Japan

Business Development Manager, Chemco International UK

Technical Manager, EMEA Marine Technical Operations

Section Manager, EMEA Marine Laboratory Product Development and Value Engineering,

Project Manager, WWM M&R Laboratory Product Development, Product Support and EMEA Polymer/Paint Value Engineering

Senior Development Technologist WWM M&R Product Support Laboratory

Development Technologist III, WWM M&R Product Support Laboratory

Polymer Technologist 1, Polymer Research Laboratory for a major UK coatings manufacturer

Great Lakes working in Quality Control using HPLC, GPC and GC and in R&D synthesizing fire retardants

Survey and Consultancy Experience

Marine consultancy/surveys for Chemco International and Kansai Paint Japan.

Courses/Conferences Attended

- Oil & Gas Industry Fireproofing Training (Level 1)
- OPITO BOSIET with CA-EBS
- OPITO BOSIET
- ECITB Medium Risk Confined Space Training
- Management Essentials Programme
- ISO9001 Appreciation and Interpretation Course
- Microsoft Project
- Military Non-skid Training Course
- Environmental Awareness
- MOD Security Clearance
- QMS Auditing
- Intermediate Access
- Technical Conferences in Europe
- Coatings Show (Nuremburg)
- Business Awareness Training
- Data Analysis for Decision Making (Bruges)
- Business Principles
- Technical Service Training Module 2 (Health & Safety)
- Negotiation Skills
- Dispersion Aspects (Bruges)
- Product Stewardship
- SPC Training
- PTQ Project Management
- ISO 14001
- Skills Team Member and Trainer
- Performance and Appraisals (People Skills II)
- PowerPoint
- COSHH
- Managing Safely (IOSH Certificate)
- Interpersonal Management Skills
- Advanced Presentation Skills
- Ship Repair Conference
- Report Writing
- Technical Service Training (Govan)
- Paint Modules A, B and C
- People Skills
- Performance Coaching