

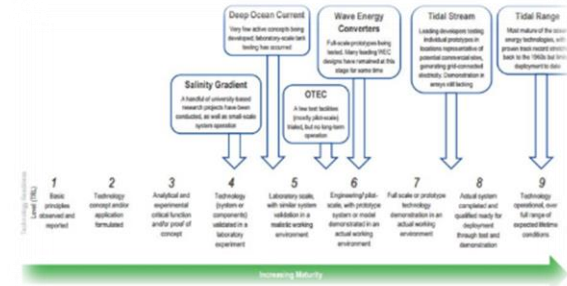


National Maritime College of Ireland
Coláiste Náisiúnta Mara na hÉireann

Preparing to meet the Skills Needs of the Marine Renewables Sector

Cormac Gebruers, Head of College

MRE Skills Needs...



- The development stage of the "offshore Ireland" marine renewable sector is such that it's dominated by engineers (energy, structural, civil, electric etc.), project managers, designers, financiers, legal and policy professionals just now...
- In the coming years, many of these professionals will be going offshore to survey, assess, build, commission, operate, maintain and ultimately decommission marine renewable energy projects in Irish and Atlantic waters. In addition large numbers of technical operatives will become involved...
- As the sector ramps up for operations out to sea:
 - the existing sector professionals will need to acquire maritime operations skills themselves,
 - the sector will have to add experienced and capable maritime operations professionals to its ranks, and
 - the sector will be employing large numbers of additional technical operatives (riggers, fitters, welders, general operatives etc.) to work offshore



Maritime Operations Skills



- "Skills training" not "education"...
- Training maritime operations professionals and others who must work out to sea to given them necessary maritime operations skills, is our core business...
- "Skills training" is about achieving, familiarity, understanding and competence of how to do specific tasks through rigorous, practical, hands-on (or virtual hands-on) exposure to real situations in a controlled (and so, safe), yet realistic environments
- Effective skills training is about transferring experiential knowledge that is underpinned by sound knowledge of principles to trainees so they remember those skills and deliver effectively when they have to...
- Successful skills training is all about attention to detail and process
- Effective *maritime* skills training is highly specialised, equipment heavy, process & preparation heavy and labour intensive. It's challenging to do it well...
- NMCI does it better than most...



How Are We Preparing?



- NMCI has approvals to deliver STCW & STCW Refresher, OPITO and ISA courses and has been doing so from our current facility since 2005
- NMCI is ISO9001:2015 quality certified, including for training delivery
- We deliver e.g. PST, Survival craft, Proficiency in Fast Rescue Craft, Fire Prevention & Fire Fighting, Advanced Fire-fighting, Elementary First Aid, Personal Safety & Social Responsibilities, Medical Care Training aboard Ship, Medical First Aid Training, HUET, Designated Security Duties, High Voltage, OPITO-MIST, OPITO-EBS, OPITO-BOSIET, OPITO-CA-EBS, OPITO FOET, OPITO TEMPSC and various ISA courses
- We train circa 3,500 individuals a year from all over the World and from a wide array of maritime sectors including merchant shipping, oil & gas, safety, security, defence etc. We deliver the global refresher training contracts for Chevron Tankers and Teekay Gas...
- We develop and deliver bespoke training courses including courses based on simulation, remote delivery, blended learning, virtual and augmented reality; talk to us...



GWO Approved Training



- On Tuesday this week NMCI successfully passed the final audit stage to secure **Global Wind Organisation (GWO)** Approval to deliver GWO approved training
- The **GWO Basic Safety Training course**, trains delegates not just to recognize the dangers and what to do in an emergency situation but gives them the skills to provide First Aid, to save themselves and to fight fires, especially on an offshore wind turbine, there are no nearby emergency services.
- We're open for business to deliver these modules:
 - BST Sea Survival
 - BST Fire Awareness
 - BST Manual Handling
 - BST First Aid
- We're working on the BST Working at Heights module, it will be available in due course



How Can You Best Prepare..?

- Talk to us...
- www.nmci.ie (new platform being launched shortly)
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