

Team Humber

MARINE ALLIANCE



Mark O'Reilly
Director & Chairman

Team Humber

MARINE ALLIANCE

About us:



Team Humber Marine Alliance is a collaboration of expertise and experience made up of more than **140 companies** from around the Yorkshire & Humber region.

Capitalising on the Humber estuary's natural assets, members of Team Humber Marine Alliance have come together to provide a comprehensive supply chain offer to the marine and renewable energy industry.

The Humber is the largest ports complex in the UK and the fourth largest trading estuary in Europe, and plays a pivotal role in the UK energy sector.

THMA are based at the World Trade Centre Hull & Humber adjacent to "The Deep"

Team Humber

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Background:



- * Alliance now 19 Years Old
- * Formed to support commercial activity & growth
- * To improve skills
- * To promote awareness of the Marine Sector
- * To Collaborate - “Strength in Numbers”
- * We have the full support of all Humber local authorities

Team Humber

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What we do:

- Team Humber Marine Alliance is like an extra marketing arm for our members.
- Is perfectly placed to deliver high quality projects
- Is the voice of Humber companies, enabling members, through the THMA brand, to compete for major contracts at a national and international level, collectively and individually
- Promotes the skills and experience of its members and represents them at key industry events
- For potential customers, the Alliance acts as a single access point to the broad range of skills available in the region, which is home to the UK's largest ports complex.
- Sources funding streams
- Provides skills training



“Our key activities focus on representing members and the region at national and international exhibitions and conferences, developing skills, providing opportunities, collaborating on tenders for large contracts and attracting global players in appropriate industries to visit the region”.

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Strength in Numbers:



- * THMA is a not for profit organisation with 6 Directors with vast experience in the Marine Industry
- * Private sector led with Public sector support
- * 160 member companies
- * Directly employ over 16,000 people
- * Collaboration is our key strength with formal legal frameworks available to members - unincorporated joint ventures

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Partners:



Members of:



Industry Sectors:



THMA members have the ability and flexibility to service a wide range of sectors and we have a number of “sector specialists” who can assist companies in the following areas:

- * Commercial Shipping
- * Inland Waterways
- * Defence & Security (Land, Sea & Air)
- * Nuclear (New build & decommissioning)
- * Offshore Oil & Gas
- * Renewables

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Capabilities:



- * Ship Repair, Conversion and New Build
- * Marine Engineering
- * Marine Electrics & Electrical Communication
- * Valves
- * Rigging
- * Marine Hydraulics
- * Naval Architects and Marine Consultants
- * Offshore Wind Farm Supply Chain



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Capabilities:

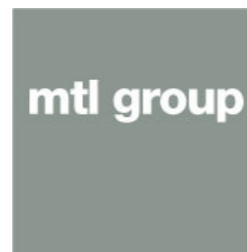
- * Steel Fabrication (added value)
- * Steel Production and supply
- * Ships Surveys and Repairs
- * Towage and Salvage
- * Drilling Rigs
- * Marine Doors, Hatches and Deck Machinery
- * HVAC
- * Instrumentation
- * Corrosion Prevention/Coatings
- * Legal services
- * Recruitment
- * Offshore Training
- * Engineering training



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Some of our members:



Andrew Jackson



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Activities:

- *We have hosted visits from Babcock Marine, BVT Surface Fleet, MoD Royal Fleet Auxillary, KBR, Mid Norway Wind Cluster, Nordic Offshore & various Danish delegations
- *We have provided over 1,000 business opportunities to our members with associated bid writing support and training
- *Outward Missions to Norway resulting in substantial Offshore Wind business for one member
- *Facilitated introductions resulting in 2 Anglo-Scandinavian joint ventures
- *We have hosted events with speakers from Siemens, EoN, Mainstream Renewable Power, Able UK, Vestas, RenewableUK
- *Exhibited with members in UK & Europe - Aberdeen, Manchester, Glasgow, Denmark, Sweden, Germany, Belgium and Poland.
- *Formation of member sub-group focusing on Offshore Wind Operations & Maintenance
- *Formed a member Manufacturing sub-group looking at potential opportunities for Offshore Wind structures and equipment



Promotion and awareness:



Upcoming Events:

15th March - THMA networking breakfast - Member showcase (Barrett Steel, ABB and Alpha Energy) + Business in USA with UKTI Vice Consul New York

22nd March - Manufacturing and the Humber Economy - THMA in association with EEF

Exhibitions:

Seawork 2012 - Southampton - 22-24 May 2012

All Energy 2012 - Aberdeen - 23-24 May 2012

Global Offshore Wind - London - 13-14 June 2012

RenewableUK 2012 - Glasgow - 30th October to 1st November 2012

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Promotion and awareness: THMail (Quarterly Newsletter)

THMAIL
ISSUE 5 JULY 2011
NEWS AND VIEWS FROM TEAM HUMBER MARINE ALLIANCE

- Laser sharp** →
Steel firm gets the edge
- Grimsby bound** →
Centrica sets up base
- Climbing high** →
Multimillion pound deal for MTL
For full story click here
- Dutch dash** →
Low firm delivers
- Showtime** →

THMAIL
ISSUE 6 DECEMBER 2011
NEWS AND VIEWS FROM TEAM HUMBER MARINE ALLIANCE

- Steel works** →
Tata becomes member
- Bigger HOTA** →
Phase one complete
- The London high** →
Member gives Shard site a lift
For full story click here
- The apprentices** →
Wind energy programme

1 2 3 4 5 6 7 8

Tide is turning

The long-awaited Neptune Proteus tidal stream power station has come closer to reality with the assistance of two THMA members.

The £1m tidal prototype tidal stream demonstrator, manufactured in Sunderland for Neptune Renewable Energy, is being installed on the north bank of the Humber and will provide electricity to The Deep.

The SMS Towing tug Welshman took MMS Ship Repairs' Asne pontoon to Wearside on which to bring back the 160-tonne unit to Hull's Albert Dock, delivering on July 3.

"The Alliance has been responsible for placing two of its members together to secure this prestigious contract against stiff competition from outside the region," said THMA project manager Graham Biliary.

Nigel Petrie, chairman, Neptune Renewable Energy, said: "We believe

that the future for Proteus is extremely bright, given the renewed focus by government on renewable power generation. We are confident that this technology can be successfully applied at other sites in the UK and, potentially, worldwide."

The demonstrator will undergo three months of river trials while generating power for The Deep, after which the company plans to deploy the world's first tidal stream power array, consisting of several advanced generators strung together.

SMS has also been involved in transporting wide turbine section from Esbjerg to Harwich.

→ Pulse Tidal, of Sheffield, has been awarded an €8m EU grant to develop its tidal renewable energy project. The company has a 100-kilowatt test rig on the south bank of the Humber estuary currently feeding power into a chemicals company.

It expects to develop a 1.2-megawatt generator, to be commissioned in 2012, to provide electricity for up to 1,000 homes on the Isle of Skye.



More metal

→ Barrett Strip and Alloys, part of Barrett Steel, has moved into larger 20,000 sq ft premises in Bradford.

The THMA member said this will help provide greater stockholding and faster metals processing as stock items can now be picked and packed within one hour from order.

BS&A is one of the world's largest independent suppliers to the gasket manufacturing industry. The company is also planning a greater presence in the Far East.

Separately, Barrett Steel has just opened a new office in Houston, Texas, to serve the oil and gas industry in the Gulf of Mexico and Brazil. It has also increased capacity at its C. Roberts facility in Rotherham with a £500,000 upgrade to cutting operations.

It has installed an automatic CNC drilling and thermal cutting line for wide steel plates up to 200mm thick.

Steaming up

→ Fabricom GDF SUEZ, of Immingham, is managing the installation of a temporary steam blow pipework system at EDF's new West Burton power station which will generate enough electricity for around 1.5 million homes. Steam blow ensures that pipes feeding are free of any debris that could cause damage to turbines on start-up.

A team of 25 to 30 people will be employed on the 12-month project.

The company has also been awarded piping work at the Runcorn energy from waste facility in Cheshire. Fabricom's part in the project will be managed from their new Liverpool site and includes mechanical installation, fabrication and installation of piping systems and pipe bridges.

Apprentices aim high with bespoke courses

HETA first in the region to offer wind energy programme

The first 10 apprentices have been enrolled in HETA's new bespoke wind energy training course.

HETA is the first training provider in the region to offer a programme for the wind energy industry. The first Humber company to enrol an apprentice is another Alliance member, RES Offshore, whose contract manager, Chris Holden, said: "HETA was very flexible in meeting our requirements and design a bespoke renewable energy apprenticeship."

Apprentice Mike Smith has now finished his course and is continuing his studies at Lincoln University to be a wind turbine engineer.

Five new apprentices from Blackrow Engineering, of Grimsby, and four from Stroud-based Ecotricity, have also been enrolled.

'There is strong competition with as many as 750 applying'

The apprenticeship is designed with operations and maintenance technicians in mind.

After a first year based around electrical and instrumentation training the apprentices cover topics such as measurement methods and control engineering, electrical testing and commissioning, maintenance of pneumatic systems and components.

wiring and testing electrical equipment and circuits, installation and maintenance.

All prospective HETA apprentices go through a selection process which begins in February and there is strong competition with as many as 750 applying.

It recruits and trains over 200 apprentices each year across the three sites in Hull, Scunthorpe and Stallingborough.

HETA is also running a four-year schools project, called Smart Futures, in conjunction with Smart Wind, Siemens and Mainstream Renewable Power.

Bespoke training: Jacob Lofthouse, who works for Ecotricity in Louth, has just started his second year, and is now working in the field



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THMA in the Press:



HUGE OPPORTUNITIES: Emma Toulson, Parsons Brinckerhoff's project manager, and Mark O'Reilly, director of Team Humber Marine Alliance. Picture: Kate Macleod

Collaboration seen as critical in optimising opportunities

TEAM BUILDING: The Humber region's marine industry is being transformed by a new wave of investment in offshore wind, tidal and other renewable energy. This is being driven by a combination of government support and private sector investment. The region's marine industry is being transformed by a new wave of investment in offshore wind, tidal and other renewable energy. This is being driven by a combination of government support and private sector investment.

Landmark deal gives Team Humber access to the top table

Team Humber Marine Alliance has become an all-star partner of EDF manufacturers' organisation under a landmark agreement. EDF is dedicated to the future of UK manufacturing and the Alliance has agreed to get closer to national and European decision-makers as it markets the services of the region's marine engineering sector.

Engineering targets Humber renewables focus

Region 'key, long-term location' for Parsons Brinckerhoff

A WORLD-leading engineering firm is targeting the Humber due to its increasing importance as a centre for renewable energy. Parsons Brinckerhoff, part of the Bullseye Group, has joined Team Humber Marine Alliance (THMA) to prepare for its office of renewable energy projects in the Humber.

DFDS Seaways adds extra power to Team Humber Marine Alliance

Team Humber Marine Alliance has been strengthened with DFDS Seaways of Denmark agreeing to support this industry-wide network.

DFDS runs one of Northern Europe's largest freight operations and is among the Humber region's biggest employers, with around five hundred jobs on its 165-acre site.

Sean Potter, managing director, believes that there will be two-way benefits in DFDS becoming the latest Alliance member. He says, "Being a THMA member will help us to maintain our strong relationship with regional engineering and marine companies. Our third party operations in support of the renewable energy sector could be of particular interest for members. There should be more opportunities to become involved in bidding for major contracts as this sector continues to develop."

'The good thing about the renewables industry is it covers all of our members ... these are really exciting times for us'

Mark O'Reilly, director of Team Humber Marine Alliance and co-founder of business support organisation Commercial Renewables, Great Lakes

When Seaways gets up and running, there will be companies looking for joint ventures.

Renewables group throws doubts to the wind

Regional focus The north-east

Plans to attract investment in offshore wind and tidal energy are being questioned by a group of industry experts. The group, led by the North East Marine Alliance, has been based on the assumption that the region is a major centre for marine engineering and manufacturing.

THMA has had excellent coverage in local, regional and national press

Opportunities:

Hull & Humber to be “Renewables Super Cluster”

Green Port Hull is an exciting opportunity for the city and everyone is talking about it.

“I warmly welcome the announcement by Siemens. It is a significant vote of confidence both in our fast-growing renewables sector and in Hull, by one of the world’s leading engineering companies. Many of us across central and local government have worked behind the scenes to make this pioneering project real. I am confident that it will further enhance the UK’s global leadership in offshore wind power.” **Prime Minister David Cameron**

“The Government is determined to ensure that the Humber benefits from the UK's investment in offshore renewables, as demonstrated by designating the area a Centre for Offshore Renewable Engineering, and the award of £25m to Hull City Council and East Riding of Yorkshire Council from the Regional Growth Fund.”

Business Secretary Vince Cable

“We are determined to make the UK a leading destination for investment in offshore wind and other renewable and low carbon energy sources. “Siemens’ and ABP’s announcement is a clear sign of progress and confidence in the UK market and I welcome their move wholeheartedly.”

Charles Hendry, Minister for Energy

“Hull is ideally located to support offshore wind developments and is well placed to become a UK centre of excellence in the developing renewable energy sector.”

Nick Clegg, Deputy Prime Minister

Enterprise Zones:

The Humber Enterprise Zone is at the heart of the LEP’s plans to create a Humber Renewable Energy Super Cluster. It will offer tax breaks and a vastly simplified planning process to manufacturers related to renewable energy.

Located on both banks of the Humber, the Enterprise Zone will accelerate local economic growth and create over 12,500 new jobs

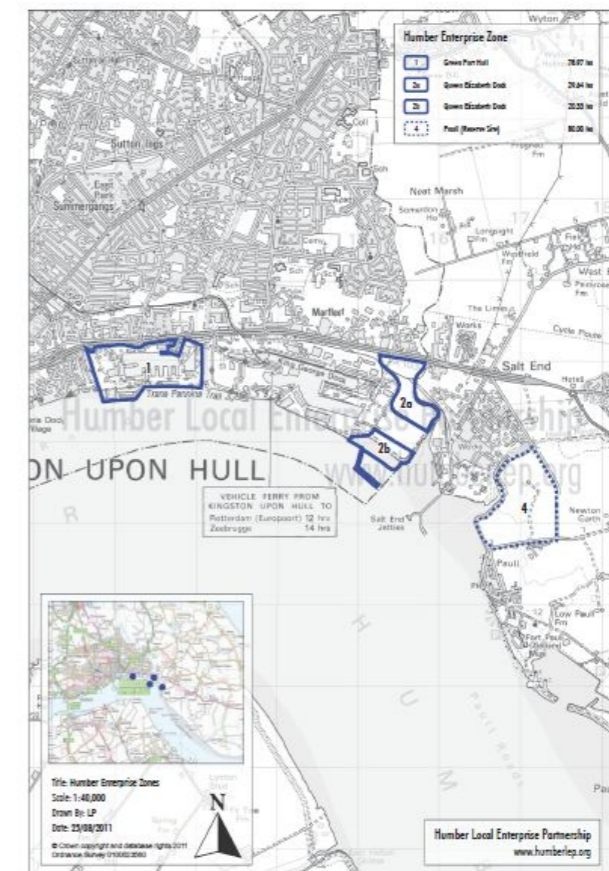
The Humber Enterprise Zone is ambitious and will kick-start the development of a new manufacturing sector in the UK, focussed on the construction of off shore wind turbines. It will leverage existing assets and a high level of private sector investment and require only a relatively small contribution from the public purse to ensure that new jobs are created.

The full list of Humber Green Port Corridor Enterprise Zone sites are:

- BAE Systems site, Brough – 35 hectares
- Site near Paull – 81 hectares
- Queen Elizabeth Dock north, Hull – 30 hectares
- Wyke Works, Hull – 2 hectares
- Staithe Road, Hedon – 2 hectares
- Port of Grimsby – 11 hectares

The Humber LEP’s first Enterprise Zone covers the following sites:

- Green Port Hull (Alexandra Dock) – 80 hectares
- Able Marine Energy Park, Killingholme – 248 hectares
- Queen Elizabeth Dock south, Hull – 20 hectares
- Keystore, Hull – 1 hectare
- Former maternity hospital site, Hull – 4 hectares
- Burma Drive, Hull – 4 hectares
- Marfleet Environmental Technologies Park, Hull – 3 hectares
- Elba Street, Hull – 2 hectares
- Valletta Street, Hull – 3 hectares
- Rix & Kingston International Business Park, Hull – 8 hectares



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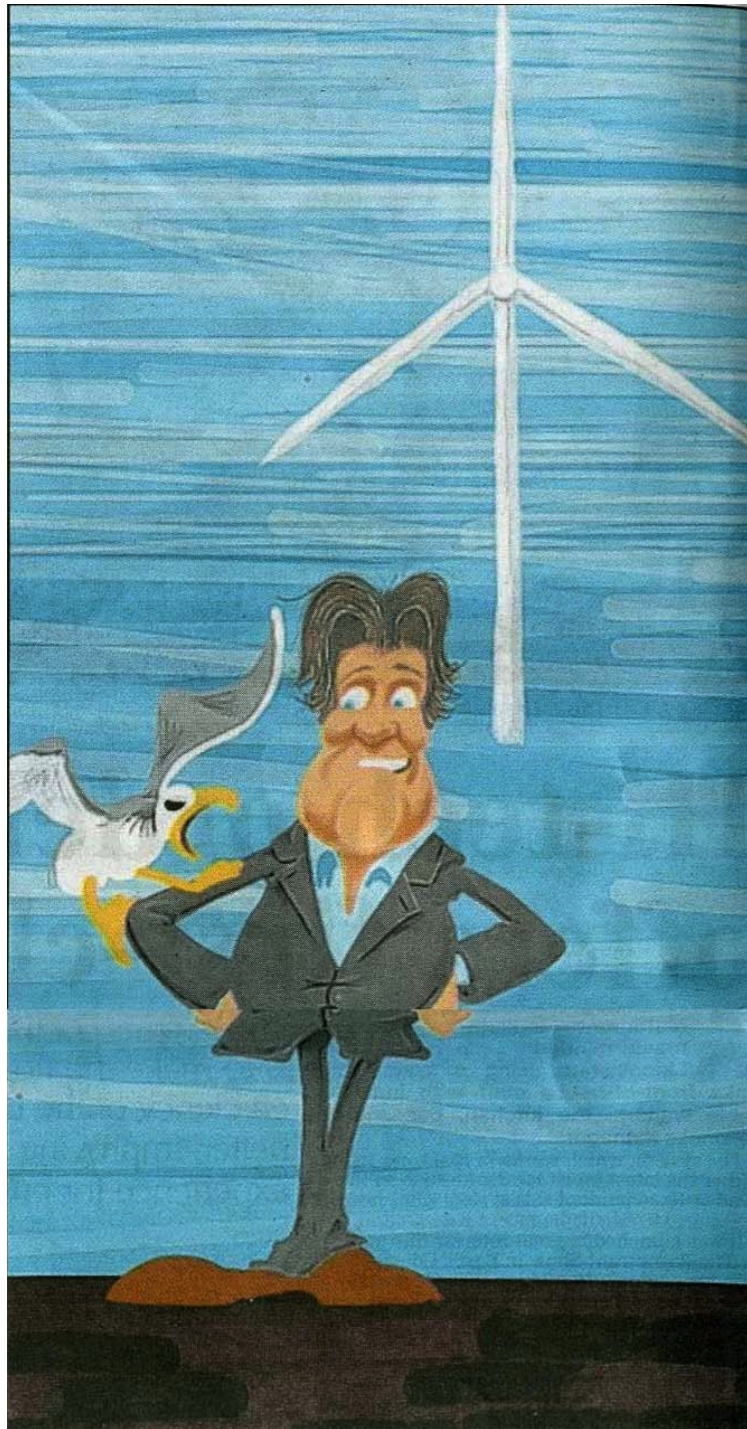
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Humber Projects :



Investments announced for Humber & North Sea Offshore Wind

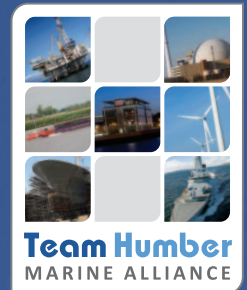
- **Humber Gateway - E.ON** to invest £736 The Humber Gateway project will be built 8km off the East Yorkshire coast, just north of the mouth of the river Humber.
- **Siemens Energy** to invest £210m in Offshore wind turbine factory at redeveloped GreenPort Hull.
- **Dong Energy - The Westernmost Rough** Offshore Wind Farm site assessed is situated 9 km from the coast, approximately 25 km north of Spurn Head at the river Humber estuary.
- **SMart Wind** - The 4GW Hornsea Zone is adjacent to the River Humber, 200km South of Newcastle and 75km north of The Wash. The East Riding of Yorkshire coast lies 31km to the west of the Zone's boundary and the Zone's eastern boundary is 1 km from the median line between UK and Netherlands waters.
- **ABLE HUMBER PORT (AHP)** represents a considerable and strategic opportunity for the UK as a whole. Its scale (819 hectares; 2,024 acres) and deep water river frontage (4km; 2.5 miles) combine to provide an almost unrivalled opportunity for port related activity and development.
- **Centrica** - Operations & Maintenance base to create 100 jobs in Grimsby



Thank you!

Picture courtesy of Grimsby Telegraph

ISSUE 7 MAY 2012



THMAIL

NEWS AND VIEWS FROM TEAM HUMBER MARINE ALLIANCE

Alpha wave

Getting the technicians where they are needed
For full story [click here](#)

Door opens
Point seals the deal

In the box
Container firm goes north

25,000 tonnes
Tata delivers Siemens' steel

Skills question
Green economy conference

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Red-letter days

If I were a City analyst looking at what the Humber has to offer, I'd put a 'Buy' note on it right now.

The prospects certainly seem bright. First of all, we are eagerly anticipating May 9 when Hull City Council decides on planning permission for Siemens' proposed wind turbine plant, trusting of course there will be no unforeseen obstacles in the way of a development that is crucial to the Humber's green energy future.

Another red-letter day will be June 12 with a Humber drinks reception in Westminster as a precursor to the Global Offshore Wind exhibition at ExCel London on June 13 and 14.

It has been a good year so far for Team Humber, beginning with confirmation of the partnership with EEF the manufacturers' organisation, which gives us visibility at the highest level.

Furthermore, our membership figures have increased to more than a record 150 and it is also encouraging that 95 per cent of members from last year have shown their faith in THMA by renewing their subscriptions. A massive thanks to those who did, and the missing five per cent are very welcome to rejoin the fold!

This is the first THMAil to include advertising and it portrays a vibrant Humber region with the focus on what the Alliance can do for members. To this end, we have organised some successful events, including Manufacturing a Green Economy; a breakfast seminar with UKTI

USA, Barrett Steel and Alpha Energy; and a Humber Local Enterprise Partnership/UKTI inward investment round table, hosted by THMA with nine member companies.

There have been site visits to the Advanced Manufacturing Park facility in Rotherham, Tata Steel in Scunthorpe and Arco in Hull, and members' interests have also been brought to the forefront with our presence at international trade missions to Rotterdam and Copenhagen. In the coming months we will drive these activities further to help members even more as well as continue our focus on our specialist sub-groups in offshore wind operations & maintenance and manufacturing.

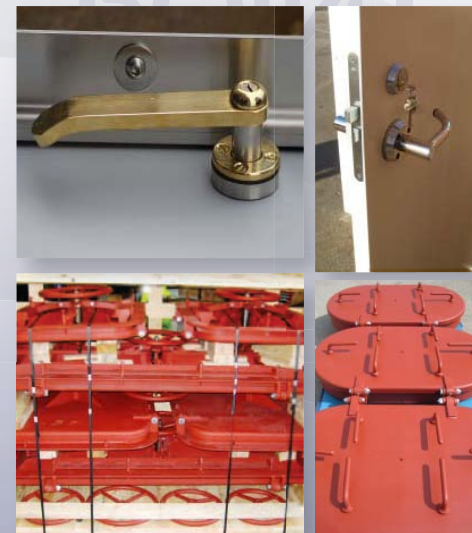
Not only does there seem to be real substance to the opportunities ahead and genuine work and income coming through, but the region is now moving forward together in a more cohesive fashion. Long may it continue.



Mark O'Reilly

Director, Team Humber Marine Alliance

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Nprime to manage Chinese project

➔ China is calling for Nprime Ltd engineering consultancy company in Sheffield.

One of its biggest projects so far involves the instrumentation of a 2.5MW wind turbine gearbox and the long-term data collection and monitoring of the annulus and gear teeth.

Working with one of the largest wind turbine gear manufacturer in the world, Nprime has been asked to manage this project in mainland China. This will verify the loads on the annulus and gear teeth and its distribution while in service.

Speaking the right languages

➔ Language is Everything returns to Brazil in June with a World Trade Centre Hull & Humber trade mission in conjunction with THMA and UK Trade & Investment.

The firm, which provides translation services, is seeking out further opportunities after becoming a preferred supplier to Siemens and Volkswagen; and being registered as a provider to Reed Exhibitions, of Connecticut.

The mission is to the boom port of Recife, from June 16 to 22, with £600 UKTI funding available for each delegate. Other THMA members on the mission include Fairburns Group, Humber Electrical and North Sea Winches.

Brazil is experiencing rapid economic growth and the itinerary will include meetings with senior business people and government officials.

Point finds the perfect partner

'Watertight' agreement makes most of specialist skills

Point Engineering is to supply flood doors and gates to the construction and utility sectors in collaboration with Flood Control International, of Tavistock.

The two companies have signed an agreement to combine their skills and take a market-leading position.

"Our manufacturing experience in the marine and offshore industry, coupled with FCI's flood control projects experience, makes absolute sense for the UK client base," said Jonathan Rollinson, sales director at Hull-based Point Engineering.

"FCI has a wealth of knowledge associated with the subject of flood defence and we have decades of experience in manufacturing and testing watertight doors and gates."

The two companies will build on recent contracts, such as the supply of specialist doors for buildings on the extension to London's Docklands Light Railway, a pumping station near Southampton and a sensitive archives stronghold.

All marketing and sales are being handled by FCI and Point will provide the specialist products.

Tim Collingwood, managing director of FCI, said: "The combination of flood protection, security and fire resistance in a single door is unique and we already have a number of contracts for UK utility companies and other clients."

– **Point Engineering is continuing to provide product support for the Scotrenewables tidal power generator in the Orkney Islands.**

Deep device to reap tidal power



Showing the changing face of the Humber, a recent arrival is becoming a familiar sight offshore from the landmark aquarium The Deep.

This Neptune Proteus tidal stream demonstrator, the result of five years' research, will soon start supplying green electricity to the region's big visitor attraction. The trend-setting technology, with its out-of-sight turbines powered by the reliable tides, is appropriate for arrays elsewhere in the UK and overseas.



All aboard the Seagull: left to right, vessel owner Sean Hewitt, John Habbergham of Myton Law and David Hamilton of the Insurance Partnership

Member setting the standard

➔ Hull's shipping expertise is supporting the UK's growing inland waterways and commercial boat industry. Myton Law has been working with the Insurance Partnership to provide a dedicated insurance scheme and standard conditions of carriage for the national Commercial Boat Operators Association.

The CBOA represents the major inland waterways operators, including narrow boat, barge and small sea going vessel owners, with its members being active in the Thames, Humber, Mersey and Severn.

Peter Hugman, chairman of the CBOA, said: "We are confident this comprehensive approach to insurance and management of contractual obligations will provide greater clarity and peace of mind for our members and their customers."

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Speed and precision

Rapid vessel perfectly equipped for offshore renewables work

A multi-purpose catamaran is quickly proving her worth in the North Sea for Precision Marine Survey, of Thornthorpe, East Yorkshire.

Operating out of Hull Marina, the 12-metre survey vessel, Precision 1, pictured right, has successfully completed a number of marine and offshore wind-related contracts.

Precision 1's work so far has included: recovery and redeployment of a coastal observation wave rider buoy off Hornsea; beam trawling off Bridlington for the Dogger Bank cable corridor; recovery and redeployment of an AWAC warning system at the Humber Gateway offshore wind farm;



and taking engineers to the weather mast at Humber Gateway.

"Given her rapid transit speed, the vessel is able to operate over a significant area and we anticipate that she will be very active within the offshore renewables sector," said Nigel Proctor, managing director.

Precision 1 was designed by the company over a two-year period and built by Catapult Catamarans of Southampton after staff travelled extensively around the UK, visiting almost every boat builder that specialised in this type of vessel.

Powered by two 450hp turbocharged Iveco diesel engines, she has a comfortable cruising speed of 20 knots and a top speed of 30 knots.

Closely involved with her design and building was David Brown, one of the company's founding partners who died just before Christmas, leaving his wife, Elizabeth and their three children.

Weighing in down under

Long-range exporter Mechan has gained a second order for its lifting equipment from New Zealand.

The Sheffield company has shipped a set of four 30-tonne lifting jacks to KiwiRail's Hamilton depot 12 years after introducing the system at Palmerston North.

KiwiRail is New Zealand's largest freight and passenger rail operator and will be using the jacks to maintain rolling stock on the North Island's mainline. Sam Reindler fleet engineer, said: "Mechan's first set of jacks continues to serve us well. Our engineers are happy working with



All right Jack: KiwiRail gets a lift from THMA

such easy-to-use equipment, and we have been very satisfied with its reliability and performance."

Mechan's sales and technical director, Graham Cofield, has retired after a 49-year transport industry career.

Right channel



Hull-based SMS

Towage has made a long-term commitment to its tug operations in the Bristol Channel. The Nobleman, Roman and Trueman are based at the Port of Cardiff to support existing and new clients at channel ports.

"This is a long-term commitment to the area and represents a significant investment, designed not only to support existing port users but also to provide support to the Atlantic Array offshore wind farm," said Paul Escreet, director.

"The tugs have just completed their first full month of operations and everything is going excellently."

SMS Towage operates eight tugs in the Humber and another tug operating on the London Array offshore wind farm.

GSA contract



Engineering design consultancy Grimley Smith Associates, part of Fabricom

GDF SUEZ, has won a major new contract with technology and licensing company, Plaxica, focusing on producing the next generation biopolymers and chemicals from renewable resources. GSA is to design a biopolymer demonstration facility to be built on Teesside.

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North Sea route change for DFDS

➔ DFDS Seaways is making several changes to its North Sea routes. The freight only ferry, Anglia Seaways, which has been operating on the Rotterdam-Immingham crossing, will now sail between Rosyth and Zeebrugge.

The Finlandia Seaways will transfer to the Immingham-Cuxhaven route replacing the charter vessel, Tor Dani, which is going back to her owner.

Offshore deals at the double

Two offshore wind contract wins in quick succession have seen ship agents Arthur Smith (Grimsby) Ltd continue its growth.

The company has been appointed as the agent for cruise ferry Regina Baltica, operated by SWE Offshore, which is now working on Scira's Sheringham Shoal wind farm off the North Norfolk coast.

Director David Smith said that Arthur Smith was acting as agents

for the vessel on-site and in port at Felixstowe and Harwich.

"We are also providing logistics and procurement services to both SWE Offshore and their customer, Siemens," said David, who added that Arthur Smith has involved local businesses as much as possible for supplies to the vessel. "They really appreciated our efforts in sourcing almost all of the provisions from within 15 miles of Scira's base at Wells-Next-The-Sea."



P&O secures first energy contract

New Team Humber member P&O Ferries has agreed a three to four-month charter of the 23,000 tonne European Seaway to Centrica Renewable Energy.

This is the first contract the ferry operator has secured in the renewable energy market, with the European Seaway providing accommodation for technicians on the Lynn and Inner Dowsing wind farm array in the North Sea.

The 180m-long vessel will be anchored four and a half miles off Skegness allowing technicians to live on board whilst undertaking operation and maintenance work. Usually operating as a freighter between Dover and Calais, the European Seaway's facilities for 100 technicians and 50 crew include satellite TV on accommodation and recreation decks – designed and installed by another Team Humber member, Hull-based Best Service.

Boxing clever lands big order from Aberdeen firm

➔ Yorkshire Marine Containers has gained its biggest order so far from Container Company Aberdeen.

CCA has bought 250 units of eight different YMC products including 10ft containers, offshore mini-containers, cargo baskets, open top containers and half height containers.

The Scottish company will sell or lease the containers to offshore oil rig operators for equipment and tool storage.

YMC's divisional director David Wilson said: "This large range of different YMC products confirms the strong bond between CCA and YMC and the high quality of the work that we have previously undertaken for them."

YMC is part of the Thurston Group, and supplies containers to the military, nuclear, offshore, shipping, transportation, and waste generation industries.



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THMA and members are again exhibiting at the All-Energy Exhibition & Conference.

This is the UK's largest renewables event devoted to all forms of clean and renewable energy.

Come and visit Team Humber Marine Alliance at **stand F51** in the Offshore Maintenance hall, near the Seminar Theatre.

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Mapa is proud to be associated with Team Humber Marine Alliance and wishes it continued success in representing the business interests of the region.

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Alpha people get to work

➔ Alpha Energy has provided a number of offshore wind turbine technicians for customers in the UK and across Europe.

The company placed project teams of turbine and blade technicians.

Bruce Mabrow, director, said that the company now has the latest XLG3 video probe technology, which is ideal for the internal inspection of rotating equipment, especially gearboxes.

Specialist law

➔ The renewable energy team of Andrew Jackson, the Hull-based firm of solicitors, is experiencing a growing workload.

"In some cases it is everyday legal issues connected to the industry, but a large proportion of the work requires specialist knowledge," said Andrew Oliver, the firm's head of offshore renewables. Andrew Jackson has also assisted an energy company in connection with disruption payments relating to the installation of a gas pipeline.

Strong signs

➔ Increased revenues, new customers and strong growth have helped On Loan Recruitment, of Immingham, to a positive start for 2012, says David Riggall, managing director. "Many companies are on the verge of starting new projects so we are hopeful of even more successful appointments," he said.

Waterfront fit for new college

Mason Clark took lead on Huddersfield project

A £2m restoration of the Huddersfield Waterfront Quarter has been completed smoothly thanks to the lead consultancy expertise of Mason Clark Associates, which carried out all the civil and structural engineering work.

The regeneration project required the demolition of a former engineering plant, and revamp of the canal side including the installation of a new lock chamber, lock gates, canal boat landing stage and vehicle bridge.

The work, which was completed at the end of March, also meant uncovering and raising a 350m-long tunnel section of the Huddersfield

Narrow Canal, which on its 20-mile journey to Ashton-under-Lyne claims the record of being Britain's highest navigable waterway, with a summit of 645ft, and for possessing the longest tunnel at more than three miles.

The new waterfront now provides an up-to-date, restored setting for the newly constructed Kirklees College and nearby development plots.

Mason Clark Associates engineer and director, Graham Helme, said that 'surprising' contamination test results on the 200-year-old site revealed only two or three old oil spills that were easily removed.



£2m restoration: part of the Huddersfield Waterfront Quarter



Client focus: Fraser Mercer and Paul Waldeck get to work

New director at Waldeck

➔ Waldeck Engineering has appointed Fraser Mercer as managing director following a spell working as a consultant to the business. He brings nearly 30 years' experience with him in design and project management.

The company's founder and director, Paul Waldeck, will now focus on key customer relationships, strategy and growth in all areas of the business.

"Waldeck has always been a very commercial, client-focused business and Fraser's approach and expertise will really enhance the client experience with Waldeck," he said.

The Team Humber member's branch network includes offices in Grimsby, Hull Lincoln and Sheffield. It was voted consulting engineer of the year at the 2011 Builder & Engineer Awards.

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ALS bears the turbine load

Abnormal Load Services International has provided port services for three onshore wind farms in Scotland. All told, Hull-based ALS has discharged 32 turbines shipped from Denmark, Germany and Spain.

This includes all 22 turbines for Drone Hill wind farm in the Scottish Borders. There were two phases of nine and 13 turbines, with mobile and port cranes discharging them into quayside storage at Blyth. The 76m turbines at Drone Hill are expected to power 14,700 homes starting later this year.

ALS has also handled ship's agency



and discharge of 10 turbines into Invergordon for two wind farm projects in the north of Scotland: at Lairg and Gordonbush. The job involved coordinating the use of mobile cranes and providing lay-down and storage facilities near the port.

ALS has appointed a new fully accredited marine and cargo surveyor.

Wind 'champions' to raise awareness

➔ Ten teachers from Hull and East Riding secondary schools have become offshore wind 'champions', having been selected to take part in a careers education programme launched by Forewind, in association with HETA, the Humberside Engineering Training Association. The programme will raise students' awareness of potential career opportunities in offshore wind energy. Forewind is the development partner for the Dogger Bank offshore wind farm.

HETA has held a successful open evening to encourage more women to join its engineering apprenticeship scheme. Of the 23 who attended, 12 applied to enter the scheme and seven have progressed to interview.

Tata shows its metal

Biggest delivery to date sees 25,000 tonnes of steel on its way to Siemens

Tata Steel has delivered the first shipments of 25,000 tonnes of high quality profiled steel plate to Siemens Wind Power.

The multi-million pound order to provide steel to be used on the construction of 150 onshore wind turbine towers was agreed at the start of the year.

The order, the largest to date for Tata's dedicated wind tower hub in Scunthorpe, follows the supply of 6,000 tonnes of steel plate for similar Siemens' developments in this country and Europe.

The steel is being delivered to UK and European fabricators to form the plate into round sections for welding together to make the turbine towers. Supply is expected to continue to September.

Phil Knowles, Tata Steel commercial manager for power generation, said: "This major contract, and our position as Siemens Wind Power's nominated sub-contractor, is a direct result of the investment in our Scunthorpe wind tower hub."



Big contract: fabrication at Tata's dedicated wind tower hub

Steel plate is being manufactured at the company's plate mills in Scunthorpe and at the Dalzell works in Motherwell before being cut to size and edge-profiled at the Scunthorpe hub. Claus Loenvig Menne,

of Siemens Wind Power, said: "This supply agreement with Tata Steel will see us continue to enhance both companies' reputation for operational excellence."

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**MAY 22-24
SOUTHAMPTON**

Team Humber Marine Alliance is looking forward to meeting old and new friends at this year's Seawork – the leading commercial marine and workboat event in the country. Come and see us at **Stand R2 in the Renewable Energy Pavilion Showcase.**

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Breakfast with American flavour

➔ How to do business with the commercial and leisure shipping sectors in the United States was the theme of a THMA breakfast briefing held at World Trade Centre Hull & Humber

Niall Gordon, New York shipping consul for UK Trade & Investment, put more than 50 delegates in the picture. Bruce Marbrow, of Alpha Energy, and Donna Inkles and Dave Cleaver, of Barrett Steel Holdings, added their views on US potential.

Members take awards stage

➔ Members of THMA were well represented in the first Humber Renewables awards, held at the Deep, Hull.

HETA won the Excellence In Renewables Training or Education award and was runner-up in two other categories: Business of the Year (large business) and Engaging the Community.

Alpha Energy claimed first place as Best Renewables Start-up, with Blue Water Danbrit UK as a runner-up.

HETA won the Arco-sponsored Excellence In Renewables Training or Education, with HOTA shortlisted.

HOTA won Business of the Year (small business), with Neptune Renewable Energy as a runner-up, and was also a runner-up in the Renewables Innovation award.

Sam Pick, director at the Renewables Network, was Humber Renewables Champion with THMA itself in joint second spot.

New skills vital to reap green energy benefits

German vocational model should be the aim, says Humber LEP chairman

Lord Haskins has added his voice to calls for an improved skills base if the Humber is to derive the full benefits of green energy growth.

As chairman of the Humber Local Enterprise Partnership, he made his comments at the Manufacturing a Green Economy conference organised by Team Humber Marine Alliance, with support from EEF, the manufacturers' organisation. He said afterwards that 20 apprentices, who joined the 80-strong audience at Willerby Manor Hotel, near Hull, were gobsmacked by the potential of their careers.

But he cautioned that the UK badly needed to put teenagers through vocational training instead of being obsessed with sending children to university where the pursuit of academic skills could be fruitless. Instead, Lord Haskins advocated learning from the German experience where training was ingrained in the business mind.

Angus Townley, from Tata Steel, urged suppliers to the renewables sector to look at their position in the supply chain and find innovative ways of increasing output. "By working together, we can increase productivity and reduce the overall costs of production," Mr Townley said.

Other speakers included Andy Tüscher and Andrew Johnson from the EEF and Steve Clarke, of Mainstream



Humber opportunity: Andy Tüscher makes a point watched by Mark O'Reilly and, seated from the left, Andrew Johnson, Steve Clarke and Angus Townley

'By working together, we can increase productivity and reduce the overall costs of production'

Renewable Energy/SmartWind. Law firm Nabarro LLP and BDO LLP sponsored the conference. Mark O'Reilly, THMA director, said that the conference was informative for the delegates and showed the value of the Alliance's membership deal with EEF, effective from the start of 2012.

Recommending the German way:
Lord Haskins



Upcoming events

May 16

THMA visit to RES Offshore's operations and visitor centre at King's Langley, Herts. Cost is £80, including coach and lunch. From 8.30am to 7pm.

May 22-24

Seawork 2012 at Southampton. The THMA stand is R2 in the Renewable Energy Pavilion Showcase.

May 23-24

All-Energy 2012 at Aberdeen. THMA is on stand F51 in the Offshore Maintenance Hall.

June 12

Humber drinks reception, Westminster.

June 13-14

Global Offshore Wind at London Excel. THMA will be on stand 193 as part of a Humber delegation.

June 16-22

UKTI Brazil trade mission to the port of Recife.

For further information on any of the above events contact Mary Green on 01482 485271 or admin@thma.co.uk



LEP launched

Renewable energy apprenticeships came under scrutiny as HOTA hosted chief secretary to the Treasury, Danny Alexander, on his visit Hull to launch the Humber Local Enterprise Partnership. Mr Alexander, MP for Inverness, Nairn, Badenoch and Strathspey, is pictured, at HOTA's Albert Dock facility on March 9

Custom cat

Dalby Offshore Renewables has supplied a £1.2m custom-built catamaran, the Dalby Derwent, to its North Sea project partner Mainprize Offshore, of Scarborough.

The 17.5-metre aluminium vessel will complement the work of Mainprize's other vessel, the Maggie M, and take technicians to and from wind farm sites and deliver fuel and cargo. Initially it will work on the Greater Gabbard wind farm off the Suffolk coast.

Beverley-based Dalby has also recently bought two new crew transfer vessels. The Dalby Humber has already been delivered and secured work on the London Array, working out of Ramsgate, as has the Dalby Tees, which is due to be delivered imminently.

Supply and demand

Institute recognises vital need for skilled workforce

A research visit to the new wind farm support vessel **Ginny Louise** has enthused Grimsby Institute students.

RES Offshore, which operates the **Ginny Louise** out of the port, hosted Mick Lochran and James Danby of the institute's employer responsive team.

"This gave us a further insight into some of the roles required for future employment in this exciting new sector," said Mr Danby.

"It demonstrates that as well as engineers a full supply chain of support personnel including procurement, administration, stores personnel and specialist vessel operators, will be needed.

He added that a fully trained, skilled workforce was vital to the industry and the Grimsby Institute was working closely with major employers to help ensure their requirements were met.

RES offshore used the vessel on a maintenance trip to Centrica's meteorological mast 60 miles offshore.

Mick Lochran, below left, with other members of the Grimsby Renewables Partnership including Winston Phillips managing director at Cosalt Renewables, right, and David Robinson of Balfour Beatty, centre



Well prepared with group expertise

Ready, willing and able – that's the message from the new operations and maintenance supply chain sub-group set up by Team Humber members.

Formed last year and comprising 20 businesses, the sub-group will serve offshore wind energy operators around the UK.

The companies have expertise in most kinds of operations and maintenance functions, including diving, access at height, electrical and marine engineering, large-scale lifting and testing and vessel expertise.

Chris Towne, managing director, of Towne Lifting and Testing, said: "Each member has a different area of complementary expertise and skills to the group."

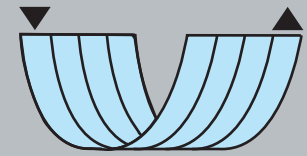
MIT's Italian link-up

Marine & Industrial Transmission has formed a new working agreement with Italian-based CMC Marine.

The company, whose northern offices are at Hensall, Yorkshire, says that CMC's hydraulic and AC electric roll fin stabilisers, bow and stern thrusters are a good fit for its product portfolio.

This follows on from another new partnership established at the end of last year with Phoenix Marine Solutions, the specialist provider of super yacht hydraulic systems.

MIT is sponsoring the cocktail bar, now called The MIT Splash Bar, at Seawork at Southampton from May 22-24.



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Come and see what the Humber region has to offer the offshore wind industry at **Stand 193**.

Renewable UK's 11th annual event is dedicated to UK and global offshore wind energy, bringing together the biggest and best names in the industry.

This year THMA is again part of it – see us on the **Humber Renewables** stand alongside the Humber Local Enterprise Partnership and all five Humber local authorities.

Alliances to forge

'The time is ripe to highlight the region's strengths'

P&O North Sea Ferries is among a wave of new members who have taken Team Humber Marine Alliance's membership to around 150.

Sally Booker, the company's port manager for Hull and Teesport, believes the Alliance has a key role to play in boosting the region's economy.

"We hear enough about the economic challenges of the region," she says. "The time is ripe to highlight the region's strengths, and a business community like THMA projecting its merits carries a lot more punch than companies can accomplish alone.

"It is all about forging alliances, with each other and prospective new business partners, and the impressive rise in membership of Team Humber underlines that as an Alliance we've got a lot to shout about. I'm pleased to add the voice of P&O Ferries to the cause."

Another new member is law firm Nabarro, of Sheffield, where partner Martin McKervey is looking ahead to the opportunities in the energy and manufacturing sectors.

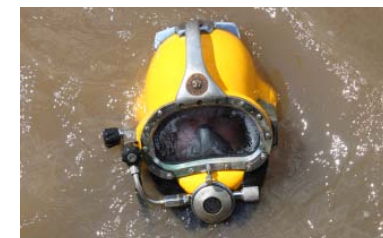
"As these are challenging but also very exciting times

in the energy sector, we are absolutely delighted to join Team Humber Marine Alliance and are very much looking forward to playing our part with fellow members in driving the economic strategy for Yorkshire and the Humber.

"We are passionate about this area and the key role it has in boosting the UK's economic prosperity."

A warm welcome is extended to the new members who have joined up since November: Dutton Moore, Euro Environmental, Goole High School, Green Marine Solutions, Humberside Reclamations, Mapa PR, Mechan, Nabarro LLP, Nprime, P&O North Sea Ferries, Riverside Property, Rollits, Salko UK, Steelridge, TEK Recruitment Solutions and Waldeck Engineering.

Passionate about the area: Martin McKervey



Coming up for air

Battling strong tides and zero-visibility 60ft below the surface of the Humber estuary, Northern Divers has completed a year-long project to cover parts of an exposed industrial pipeline.

The work saw teams of divers from the Team Humber member cover a 770m section of underwater pipeline with 1,300 special concrete fronded mattresses.

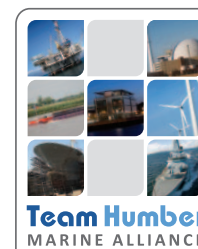
John Sparrowe, managing director, said: "We had to contend with six-knot tides and zero visibility. The divers were also working in a very busy shipping lane, so they had to be aware of large vessels passing close to them."

The pipeline was laid in a protective trench that had been eroded. The concrete mattresses were lowered to the riverbed by a floating crane, with divers working by touch to fix them in place.



Sink or swim?

➔ Andrew Jackson solicitors, from the left, Paul Newbon, Hannah Rafton and Andrew Oliver, get that sinking feeling as they face the HOTA dunker challenge. This helicopter underwater escape training simulator at HOTA is used to prepare offshore workers in emergency escape procedures and was offered as a raffle prize to unsuspecting guests at the inaugural THMA dinner dance. HOTA is planning a charity dunk day in November to help mark its 25th anniversary, where you can nominate a friend, colleague or even 'dunk the boss'. If you're up for the challenge, contact: louise@hota.org or call HOTA on 01482 820567.



Team Humber
MARINE ALLIANCE

TEAM HUMBER

SUPPLY CHAIN SHOW OF STRENGTH FROM

TEAM HUMBER MARINE ALLIANCE

Words: Julian Woodford, MAPA

Members of Team Humber Marine Alliance are seeing growth and big possibilities in the offshore wind supply chain. Wind&WaveCONNECT hears all about their latest activities.



MARK O'REILLY

Director, Team Humber Marine Alliance

The Alliance threw its collective weight behind the launch of the region's new Humber Renewables brand at June's Global Offshore Wind event in London.

"There was an excellent line-up of member companies, which along with the Humber Local Enterprise Partnership (LEP) and five local authorities, made for a formidable display of renewable energy business expertise," said Mark O'Reilly, THMA Director.

One member at the heart of the Humber is **Associated British Ports**, which owns and operates the four key ports of Goole, Grimsby, Hull and Immingham. Along with Siemens, ABP is the major player behind the

development of Green Port Hull. Following planning permission from Hull City Council, the joint project is going through other regulatory and commercial procedures before the construction of Siemens' new offshore wind turbine factory.

With ABP investing an estimated £130m into the dock's infrastructure, Siemens would create an £80m factory employing 700 people making blades and turbine units. Once the factory is open in 2014, it will supply a number of 6MW turbines to customers, including DONG Energy for the Westermost Rough wind farm off East Yorkshire.

Matt Jukes, ABP Hull and Goole Port Director, said that approval for Green Port Hull was a major step towards delivering the game-changing project as the region established its position at the forefront of the green energy revolution. ABP is also closely involved in other potential developments in the offshore wind supply chain associated with the Humber LEP's enterprise zones.

Fifty new jobs are also to be created in Grimsby after E.ON, which is behind the Humber Gateway wind farm, submitted a planning application to build an operations and maintenance facility on Grimsby Docks. The proposed facility, which will be built on derelict land on North Quay Road within the town's renewables enterprise zone, will accommodate 15 shore-based staff and 35 offshore maintenance workers to service Humber Gateway.



Above: Precision Marine Engineering's offshore wind support vessel, Precision 1, in Hull Marina

The Alliance's operations and maintenance sub-group is also stimulating the Humber's offshore wind supply chain.

Arthur Smith (Grimsby) Ltd is the agent for cruise ferry Regina Baltica, operated by SweOffshore at Sheringham Shoal wind farm off the North Norfolk coast. "We are also providing logistics and procurement services to both SweOffshore and their customer Siemens," said Director David Smith. In addition, Arthur Smith has been subcontracted for the cable-laying vessel MV Sia, based at Grimsby, for offshore work through agency Uniconnection on behalf of the vessel's owners, CT Offshore.

In Hull, **Precision Marine Survey's** new 12m multi-purpose catamaran is proving her worth in the North Sea. Operating out of Hull Marina the survey vessel Precision 1 has successfully completed a number of marine and offshore wind-related contracts, including the recovery and redeployment of an airborne early warning and control (AWAC) system at the Humber Gateway offshore wind farm site, and taking engineers to the meteorological mast at Humber Gateway.

"Given her rapid transit speed, the vessel is able to operate over a significant area and we anticipate that she will be very active within the offshore renewables sector," said Nigel Proctor, Managing Director.

New member **P&O Ferries** has moved into the sector with the conversion of the cross-Channel freight ship, the European Seaway,

Below left: Neptune Renewable Energy's Proteus tidal stream demonstrator in the River Humber

Below right: The SMS Towage tug Trueman, which has been employed in the Bristol Channel



to an offshore wind farm accommodation vessel. She has been chartered to GLID, a joint venture between Centrica Renewable Energy Limited and EKG, for use by technicians on the Lynn and Inner Dowsing wind farm array off Skegness.

As part of the vessel's refit, Team Humber member **Best Service (Europe)** designed and installed the cabling and signalling to provide Sky TV in general areas and cabins for 100 technicians and 50 crew. Another Alliance member, **DFDS Seaways**, is providing port and maritime support facilities for the European Seaway in Immingham, where she picks up supplies.

Dalby Offshore Renewables, from Beverley, has supplied a £1.2m custom-built catamaran, the Dalby Derwent, to Scarborough-based Mairprize Offshore. The 17.5m aluminium vessel will complement the work of another Mairprize vessel, the Maggie M, and take technicians and deliver fuel and cargo to wind farm sites, initially working on Greater Gabbard, off the Suffolk coast.

SMS Towage has made a long-term commitment to its tug operations in the south west, in addition to having eight tugs operational on the Humber. The Noblieman, Roman and Trueman are based at Cardiff to support clients at all Bristol Channel ports. The firm also has a tug operating on the London Array project.

Abnormal Load Services has provided UK port and vessel agency services for two new onshore wind farms in Scotland. The Alliance member transported 22 1.3MW wind turbines to Drone Hill wind farm in the Borders from Blyth, Northumberland, and shipped a further three 2.5MW turbines to Invergordon in the north east.

On the River Humber's north bank, the Neptune Proteus tidal stream demonstrator device, which will provide power to The Deep aquarium, was positioned with members' help, **SMS Towage** having tugged it from Wearside. **Point Engineering** fabricated the shore

bridge to house power cables and allow maintenance access, and **Humber Workboats** assisted with the final deployment.

Meanwhile, the renewable energy team of law firm **Andrew Jackson** has been closing offshore wind legal loopholes. "We are also continuing to deal with a number of wind farm developers in connection with disruption payments relating to offshore wind projects," said Andrew Oliver, the firm's Head of Offshore Renewables. "Every week we are seeing more and more renewables-related work coming in."

Myton Law is equally upbeat: "We are seeing a boom in work from manufacturers, owners and operators of wind farm support vessels," said Iain Butterworth, Director. "We are also dealing with more and more contractual issues for wind farm vessel owners and operators, and continuing to deal with the planning side of Humber renewable energy projects."

Companies are naturally looking beyond the UK, one such being **Alpha Energy**, which has been providing offshore personnel across Europe and in the UK.

On the skills and training side, **HETA** is the first provider in the region to offer a programme for the wind energy industry and has enrolled apprentices on its new bespoke training course. First to enrol an apprentice was another Alliance member, **RES Offshore**, whose Offshore Operations and Maintenance Manager, Chris Holden, said: "HETA was very flexible in meeting our requirements and designed a bespoke renewable energy apprenticeship."

Another member focused on skills is **MTL Group**, which has created a dedicated welder training school as part of a new £5m factory in Rotherham. MTL is also a successful exporter. Germany's WeserWind GmbH has ordered secondary steelwork fabrication and European offshore wind farm operators have been provided with boat landing systems.

On the fabrication side, Alliance member **Tata Steel** has been delivering 25,000 tonnes of profiled steel plate to Siemens to be used in the construction of 150 onshore wind turbine towers. The steel has been delivered to UK and European fabricators to form the plate into round sections for welding together to make the turbine towers.

"There is no question that our members are ready to do business when it comes to meeting the challenge of supplying wind power developers with products and services," says Mark O'Reilly. "They are showing it can be done and our role is to continue to support them in every way we can."

Raising its profile, following a landmark agreement, THMA is also in its first year as the first affiliate partner of EEF manufacturers' organisation, which puts it closer to policy-makers in London and Brussels.

For more information on Team Humber Marine Alliance call Mary Green on 01482 485271 or email marygreen@thma.co.uk

"There is no question that our members are ready to do business when it comes to meeting the challenge of supplying wind power developers with products and services."

Mark O'Reilly