

### Just the job



TRINITY HOUSE // KEY STAGE 3

**JUST THE JOB** 

Starter 
Activity 1 
Activity 2 
Extension



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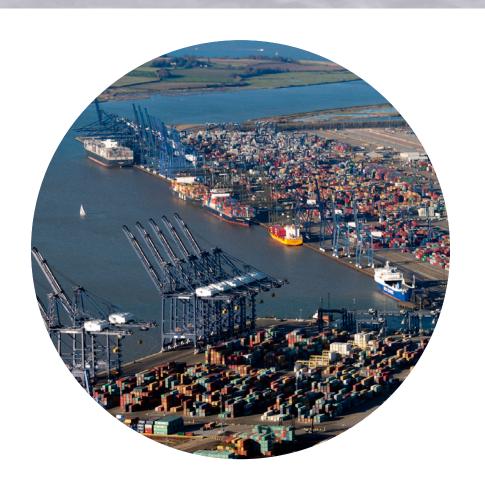
**JUST THE JOB** 

## Starter Just the job



### Jobs at the port





List as many jobs as you can think of that need doing in this environment.



The UK's maritime sector employs over 957,000 men and women in a huge variety of jobs, both at sea and on shore. Here are just a few examples:

The Merchant Navy is the collective term for commercial shipping, which is different to the Royal Navy or personal leisure craft users, and includes cargo ships, tankers and cruise ships. Jobs are varied and include Deck Officers and Engineering or Electro-Technical Officers, as well as those involved with catering and hospitality services.





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**Engineering** is all about problem-solving using specialist skills, such as maths, science, research and design, maintenance and production. Specifically, marine engineers are involved in the design, build, operation and maintenance of the engines and supporting machinery found in all ships, boats and offshore installations.





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Ports and harbours employ a wide range of people to ensure the smooth and effective movement of goods between ship and shore, including Harbour Masters, Marine Pilots, Vessel Traffic Service Operators, Ship Surveyors and Crane Drivers.





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The **leisure and superyachts** industry is growing very quickly; superyachts (a yacht over 24 metres) require whole teams to keep these multi-million luxury vessels afloat and in good running order as they sail the world in style.





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**Naval architects** are primarily involved in the design of vessels that move on or under the sea, from warships to drilling platforms to yachts.





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Seafishing and aquaculture is a multi-billionpound industry in the UK. There is a wide range of jobs on offer, depending on the size of the vessel, the type of catch and the area of operation.





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The Royal Navy employs over 30,000 men and women to defend, protect and secure the nation's interests, whether delivering humanitarian aid or protecting UK forces in foreign waters.



### Megan Jones Superyacht cadetship alumnus





Name: Megan Jones

Job: Crew member onboard a superyacht

"Before coming to the United Kingdom Sailing Academy (UKSA) I was studying A levels in Biology, Chemistry and Maths at the Isle of Wight's Sixth Form Campus. Friends of mine had done courses at UKSA and as I wanted a career at sea, I decided to see what was on offer."

"I received funding from Trinity House and never looked back. I wanted to prove that I could do just as well as the men in this male-dominated industry – my massive passion for sailing drove me to try my hardest at everything."

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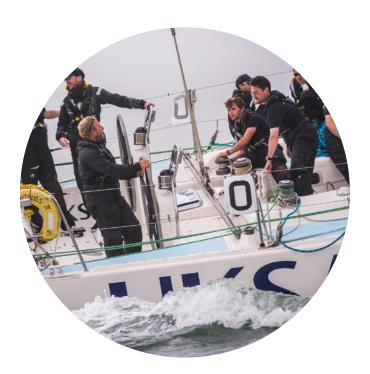


"While out at sea we spent a lot of our time on the 45ft yachts learning how to sail. We began with simple processes such as how to rig the vessel but we have now developed into confident sailors – we often took turns being the skipper."

"Much of our time was spent on the Solent getting ready for our Yachtmaster offshore practical exam and we travelled down to Falmouth to cross over to France. I have had a fantastic time sailing – once a pod of dolphins swam with the vessel."

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"I have had the best six months and made the most amazing friends. My favourite memory is definitely the Farr trip, which was nine days of non-stop sailing. We had an outstanding crew, always keeping each other positive and helping each other out. If I was to give advice to someone following the same career path as me, I would say try your hardest at everything because you don't know who's on watch, and if a door opens, go through it – you don't know where it might lead!"

### Rob Torrington Boatswain





Name: Rob Torrington

Job: Boatswain

"The Boatswain, or 'Bosun', works for the Deck Department onboard the vessel as the foreman and head of the department for the ship. The role involves being the first point of contact between the ships' officers and the deck crew and we have the overall responsibility in ensuring that discipline is maintained."

### Rob Torrington Boatswain





"We ensure that deck operations are carried out in a safe and controlled manner, giving out daily duties to individual crew members. We also ensure that all the deck equipment and deck stores are up to date and available for the large variety of work that Trinity House undertakes, be it lighthouse refuelling by helicopter, general buoy work, lightvessel moorings, wreck marking or any other operation to be carried out."

### Rob Torrington Boatswain





"Within recent years we have also taken on the responsibility of completing personal development plans and reports for the deck department which has led to us working more closely with the office based staff while ensuring a high level of training, certification and grading is maintained."

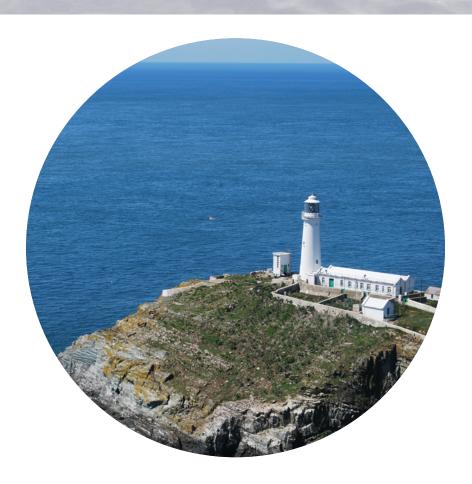
"Our role is constantly changing and evolving, with new technologies being introduced and new challenges to overcome. But we need to always learn from the past and keep an eye on the traditions and maintain the high levels of seamanship that are expected within Trinity House."

# Activity 1 About Trinity House



### The role of Trinity House





Trinity House is a charity that keeps ships and seafarers safe when they travel in our waters.

It does this by providing aids to navigation to help seafarers guide their vessel to safety.

### The role of Trinity House





As the need for the import and export of food and goods around the world increases, our shipping lanes become increasingly crowded.

The UK is an island nation and depends on ship-borne trade. Because there is so much sea traffic, ships need help to navigate the waters safely.

### Aids to navigation



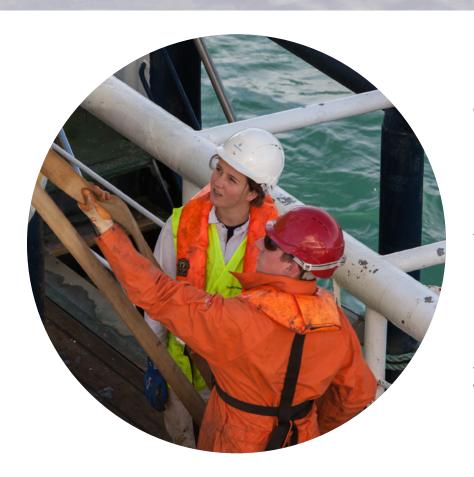


Trinity House looks after 66 lighthouses and around 450 buoys around England, Wales, the Channel Islands and Gibraltar, as well as beacons, lightvessels and satellite-based digital systems.

These help ships navigate safely when they visit our waters

### **Training**





Trinity House not only provides aids to navigation but as a maritime charity it provides scholarships for young people who want to train for jobs at sea.

It also provides grants to sail training and maritime leisure charities to help young people with an interest in the sea.

### Some of the ways Trinity House supports seafarers







How many cadets does the Trinity House Merchant Navy Scholarship Scheme take in every year?



How long is the Trinity House Merchant Navy Scholarship Scheme training?



Trinity House also runs a range of what?



Which of the following destinations has cadet, Lacey Griffin not visited in her three and a half years?

## Activity 2 Careers at sea



JUST THE JOB

KEY STAGE 3 // AGES 11-14 // 45-60 MINUTES

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### Worksheet 1: Case studies



Name: Megan Jones

Job: Crew member onboard a superyacht

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### Worksheet 2: Careers at sea

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Use the internet to select a maritime career of your choice to research. In the table below, detail the training and qualifications you need for the job as well as the career progression and salary range. Once you have a better understanding of the roles, write down what you think are the necessary character traits for the role.

Chosen career	
Qualifications required	
Training	
Career	
Salary range	
Required character traits	



- Research a maritime career of your choice
- Consider the character traits required for the job you have chosen
- Prepare a presentation based on your findings

**TRINITY HOUSE // KEY STAGE 3** 

### Extension



### Sample job adverts



### Second Engineer Officer

Reference JUL20197265 Location Harwich

Support Vessel Service (SVS)

Job Type Permanent

Salary £42854.00 - £46405.00 Per Annum

Benefits plus a benefits package, including a Civil Service pension

Closing Date 28 July 2019 23:59

As the General Lighthouse Authority for England, Wales, the Channel Islands and Gibraltar we deliver reliable, efficient and cost-effective aids to navigation such as lighthouses, lightvessels, buoys and radio navigation, ensuring thousands of mariners navigate their way safely around the UK's busiest waters. Proud of our reputation afforded to us by many centuries of dedication to the nation's maritime infrastructure, we are a forward-thinking organisation and it is our ability to meet new challenges and the changing requirements of the modern mariner that keeps us relevant and

We are currently seeking a Second Engineer Officer for this unique role within an equally unique organisation. As part of a small technical team, you'll work in high quality environments, on a range of our ships, operating 3 weeks on duty, followed by 3 weeks free from duty. You can look forward to plenty of variety - including the chance to help us maintain Aids to Navigation, so you must be keen to build your knowledge and skills as you shape the role around your own aspirations. The ability to quickly get to grips with new technology is also important. In return, you can look forward to excellent career progression opportunities, both on and off shore, with appropriate training provided.

As well as supervising routine maintenance and survey schedules for main diesel engines, you will oversee a range of machinery maintenance and repair. You will have a thorough knowledge of diesel electric propulsion systems and be electrically biased.

Holding the following Certificate of Competency:

2<sup>nd</sup> Engineer No limitation (III/2)

or 2<sup>nd</sup> Engineer No limitations (III/2) with C/E (3000kw or 9000kw endorsement) or Chief Engineer No limitation (III/2)

If you have the talent to be part of our team and keen to bring your skills and experience to Trinity House, then download a full job description and complete the online application process.

Trinity House is an Equal Opportunities Employer.

Applications to be received by midnight on Sunday 29th July 2019 Interviews will be held in Harwich on Thursday 8<sup>th</sup> August 2019

### PILOTAGE SUPPORT OFFICER

PLA \*\*\*\* 14 reviews - Gravesend







Gravesend



(O) £44,023 a year

### Starting Salary: £44,023 per annum

The Port of London Authority (PLA) is the statutory harbour authority for the tidal Thames from the outer estuary to Teddington, As part of our duties under the Port Marine Safety Code, we manage and maintain the port's navigational safety management system

### The Role

As part of the Chief Harbour Master's team, reporting to the Marine Pilotage Manager you will provide general support to the Deputy Marine Pilotage Manager (DMPM). You will also provide support in the training of Marine pilots in arranging pilot training, monitoring pilot progression create statistical and performance analyses, deliver management reports, maintain records and agree Pilot Payroll variables. Some coverage of the Pilot Co-ordinator role may be required.

You will be required to liaise with the Pilots, other departments, stakeholders and Suppliers reference equipment for pilots such as VHF radios. PPE, iPads and pilot navigation software on iPads. This will include some Health & Safety related work. The role includes supervision of the Pilot Co-ordinators and an Assistant Pilotage Support Officer.

The successful candidate will have good working knowledge of Microsoft Office and I.T. support software. Knowledge of Marine or Port operations and experience of training programmes and Health & Safety is preferred with good analytical skills. We require a resilient person with good communication skills and flexible attitude to work as part of a small team that may on occasion be expected to work off site.

### Additional Information

For an informal chat about the position, please contact David Newbury on 01474 562282.

To view the Job Description, please click here and to apply, please download and complete an application form in line with the Job Description from www.pla.co.uk.

Please return before the closing date on 19 July 2019.

In return we offer a highly competitive salary and benefits package, which includes final salary pension, private

Back to Vacancies