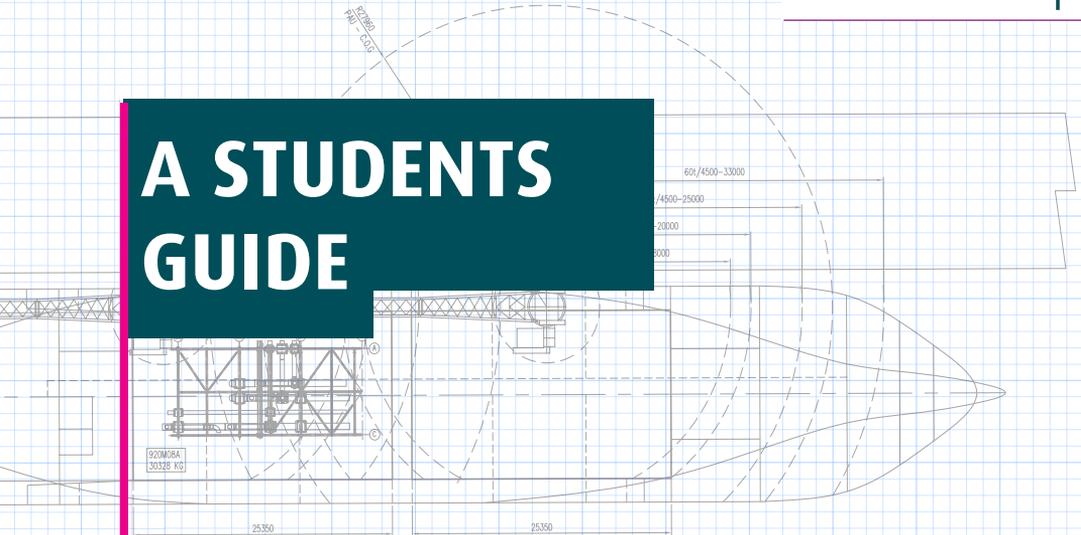


A STUDENTS GUIDE

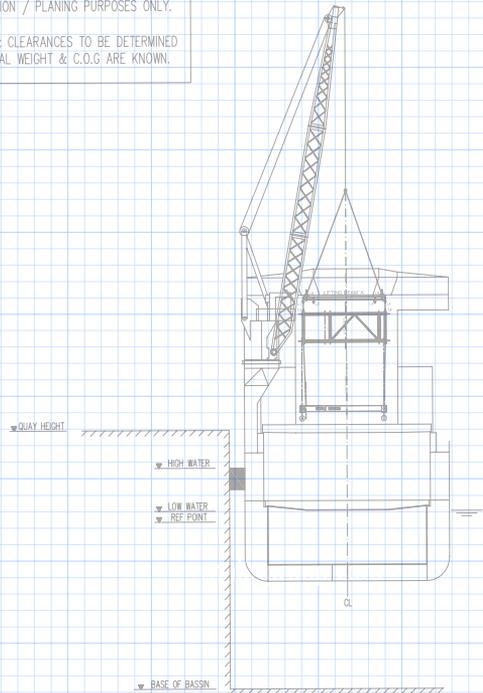
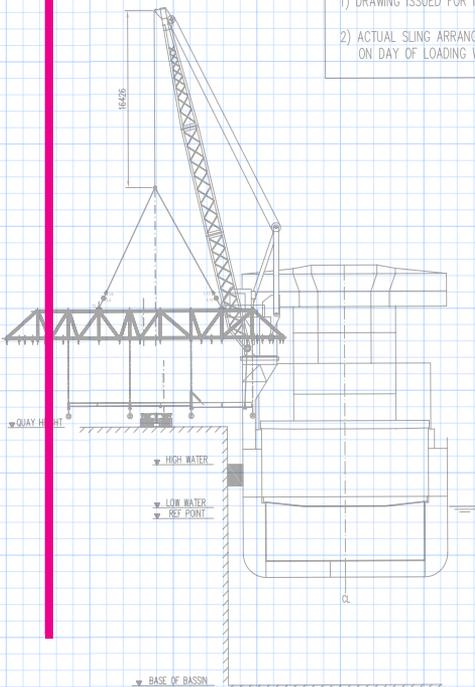


TANK TOP PLAN VIEW

▽ QUAY HEIGHT

NOTES

- 1) DRAWING ISSUED FOR INFORMATION / PLANING PURPOSES ONLY.
- 2) ACTUAL SLING ARRANGEMENT & CLEARANCES TO BE DETERMINED ON DAY OF LOADING WHEN FINAL WEIGHT & C.O.G ARE KNOWN.



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OUR EMPLOYEES WORK IN A VARIETY OF PROJECTS, ACROSS
A RANGE OF SECTORS, ALL OVER THE WORLD

INTRODUCING THE MALIN GROUP

With a heritage dating back to the late eighteenth century, The Malin group have over 120 years' experience serving the needs of the marine industry. This early activity involved the build and servicing of a variety of navy and merchant navy, delivering them around the world. Fast forward to the present day, and whilst we continue to design, build and deliver vessels, we have also diversified our service offering to include a fully turnkey service to the marine industry.

The last 15 years has given life to a number of additional, specialist companies, that fall under the Group, cementing our reputation as one of the most comprehensive providers of end to end marine solutions in the world. As such, the group offer a full range of services to the marine industry – meaning that our employees work in a variety of projects, across a range of sectors, all over the world. Our work ranges from heavy lift projects, to renewables, design and fabrication of subsea equipment, workboats and beyond offering a fully turnkey service, from design and development, to fabrication and delivery.

As such, our team consist of a mix of specialisms, from naval architects, design draughtsmen, structural engineers and project managers, to lifting engineers, heavy haulage experts, project managers and marine operations personnel. This diverse range of expertise creates a culture in which colleagues share practise across projects and teams, as well as one which supports progress and development on a professional level. We have a real sense of collaborating to create new solutions and to take the company forward, together.

WORKING WITH US

MODULIFT MOD 70H @ 3500MM CENTERS
DESIGN LOADINGS

THE MALIN GROUP OFFERS YOU AN EXCITING RANGE OF EMPLOYMENT OPPORTUNITIES, SPANNING A VARIETY OF

With the Malin Group, you are not just joining a team, you're becoming part of a family. Our headquarters, based in the South Rotunda reflect our group and culture - heritage teamed with innovation and creativity. Inside this historic building, classic features are teamed with modern facilities for our staff to enjoy - including pool table, ping pong, communal lounge area with fresh fruit and snacks, PS4 and a climbing wall. Our conference room also allows a 360 view of the city centre. We have regular social events, including First Friday Drinks, client football matches, and an Annual Ceilidh - plus we have a few office dogs on occasion, which is always a nice addition!

Our company culture is based on a set of shared values that drive all that we do.

Creativity

We are committed to ingenuity, innovation and continuous development in our service offering and processes on a local and global scale

- Our staff tackle projects creativity
- Our colleagues represent a mix of skills and specialisms to foster ingenuity
- Colleagues consistently bring their skills to the fore to offer bespoke, tailored and trusted solutions to meet clients needs

Integrity

We are true to our family values and heritage, have respect for industry best practice and place the client needs above all else

- With roots dating back to mid-18th century, we have a trusted shipping history through Henry Abram & Sons
- We combine tried, trusted practice with a thirst for new techniques and solutions
- Colleagues work with clients on a partnership basis, ensuring the best solution is always provided

Excellence

We demonstrate expertise, value continued training and development and are committed to always finding the best possible solution

- We are committed to continued training and development to ensure clients receive the industry leading solutions
- Colleagues consistently collaborate and share practice to ensure clients receive the best technical solution at all times

Impartiality

We are solutions focused and have a commitment to demonstrate impartiality and trust in all that we do for our clients and colleagues

- We are supplier agnostic: we strive to deliver the best solutions for clients at all times
- We develop close working relationships with client, leading to repeat contracts
- We work with clients on a partnership basis, ensuring the best solution is always provided

AN INSIDE VIEW

A DAY IN THE LIFE OF A SENIOR PROJECT ENGINEER, ALAN MUNDIE

Having now been a central member of the Malin Abram team for over two years, I have been lucky to have experienced a diverse range of engineering projects, each bringing their own technical and logistical challenges. All of these projects involve a degree of desktop engineering and, more often than not, attendance on site during the execution of the project. Personally, I find this to be the most engaging part of the process, as all of the preparations and engineering come together.

In relation to transportation scopes, site attendances vary in that they are either in support of projects where Malin has performed the required engineering or are in attendance as a third party, verifying that work is being executed in line with all approved documentation. There are well defined lines of responsibility between these roles, however, there are also common elements across all site work which make it both a challenging and rewarding part of the job.

During my time with Malin Abram, I have been involved with transportation scopes in the U.K., Netherlands, Norway, and Romania. Despite the differing cultures and working practices, as is typical with the marine industry, the job doesn't behave like your typical 9 to 5, and you can expect to be on the quayside at 1 A.M. or 1 P.M. whether its glorious sunshine or overcast and raining – but being based in the West of Scotland, this part isn't too much of a problem!

Typically, whether in a project engineering or third party role, once you have arrived on site and completed the required safety and security inductions, the first port of call is to engage with the client point of contact and conduct a survey of the cargo, the quayside and the vessel. This is necessary to ensure that all elements are as expected in the engineering documents, that all personnel are suitably qualified, as well as to enable you to understand the work scope and roles of individual parties. Should there be any discrepancies from the original engineering, it is at this stage where they will be identified and the required action can be taken to keep the project on track – this is the high pressure aspect of the site operations and can require you to think on your feet to overcome technical problems and resolve them in co-ordination with those on site and, when needed, a bit of remote expertise from the Malin Team back in the office.



OUR GRADUATE PROGRAMME

THE MALIN GROUP OFFERS YOU A BESPOKE GRADUATE TRAINING PROGRAMME

What is involved in your graduate training programme?

Our graduate training scheme is designed to incorporate a blend of on the job experience working on live projects involving engineering design work and practical site attendance. This is supported by both internal and external formal training courses that build on the fundamental skills and knowledge gained at university to develop your application in real world engineering

What type of work would I be involved in, if I joined the group?

Graduates would get involved in live projects from the very start. You will have the opportunity to get involved in heavy lift transportation packages including designing sea-fastening for a complicated item of cargo, carrying out stability checks on a vessel or barge, carrying out structural analysis on a grillage design, liaising with the client and much more depending on the project requirements. You will also gain experience of working on site alongside one of our senior engineers, taking control of operations and organising subcontractors.

What opportunities are there for movement within the group?

Given the number and diversity of companies under the group – there are always opportunities to learn new skills, develop and grow. Partnership working is very much encouraged and colleagues are supported to become involved in projects across the group – which in turn may offer new opportunities for career progression.

CALUM HARKER, GRADUATE NAVAL ARCHITECT

My day begins with a review of my task list to build a picture of what my workload will look like for the day. Around this time I will also review my emails, teams groups and put on a coffee! My day will then progress depending on the type of work I am conducting.

Examples of what I do include;

- The creation of stowage plans and securing manuals (to show our client how we will keep their cargo safe on board during the journey),*
- Developing calculations and models (such as how water currents and wind will effect the mooring of a vessel or how strong a vessels deck is)*
- Site visits to oversee operations (to make sure what we did in the office turns out well on the day)*

As a graduate I have learnt a lot through exposure to the various scopes that Malin has worked on. Due to the varied nature of my work, I have been able to develop my understanding of several software packages that are useful to both the marine industry and wider engineering world, including draughting software, modelling software, such as Strand7 and Orcaflex, and data processing software like Excel, Mathcad and TEDDS.

Looking at all I have been involved in since starting with Malin, my favourite experience has to be on site; it enables you to not only travel the country (and world) but also provides the opportunity for you to see the marrying of your desk work with practice. Most recently I was on site for the successful roll-out and float-off of the HMS Glasgow, first in class – an experience I will never forget.

DESTINATION GLASGOW

Glasgow is a great place to live and work. It was recently voted as the top creative and cultural city in the UK (European Commission, 2019), not to mention one of the friendliest (Big7, 2019) and host to the recent COP26 event. It is also a hub for students, over 130,000, with a wealth of facilities on offer. From music and shopping, to art, architecture and sport – no matter what your interest, you will always find something to do here. Plus, did you know that we have more green space per square mile than any other city in the UK. If you were to move to Glasgow to undertake an internship, we can work to help you source suitable, local accommodation to ensure you get to experience all that Glasgow – and the Malin group have to offer.

Glasgow is a vibrant and welcoming city bursting with character, personality and great experiences. No matter when you visit, you'll find world-class visitor attractions, unique neighbourhoods, stunning architecture, an ever-evolving food and drink scene and legendary nightlife.



STUDY TIPS

WE UNDERSTAND THAT UNIVERSITY LIFE CAN BE A STRESSFUL TIME – AND WE ARE HERE TO SUPPORT WITH SOME HANDY STUDY TIPS.

1. Plan, plan, plan – set out a schedule that details when and where you will study every day – as well as milestones you may wish to reach. Having goals and set times will help you stay on track.
2. Ask for help – if something is unclear, or you need more information – reach out to other students or your teaching staff, who will be there to share ideas and collaborate.
3. Look after yourself – after a hard day studying, reward yourself. You need to be healthy to perform well, so eat well, relax and balance studying with some you time.
4. Stick to your learning style – everyone learns differently. Find what works for you and stick to it – that may be rote learning, rhymes...whatever works best!
5. Practise – use past exam papers or practical tests to apply what you have been studying. This will help for your exams and provide you with confidence that it is going in!

YOUR NOTES



MALIN GROUP
SOUTH ROTUNDA
100 GOVAN ROAD
GLASGOW
G51 1AY
T: (+44) 141 370 2075
E: INFO@MALINGROUP.CO.UK
W: MALINGROUP.COM