

## Investing in the Future

Our Site Engineer Stuart Frost was highly commended within the CECA North East Trainee of the Year awards. Taking the decision to retrain at a later stage of his career, Stuart is combining his site role with attending college one day a week where he is studying towards a HNC in Civil Engineering. In addition, we have recently welcomed Trainee Engineer Matthew Patterson to the company. Matthew is currently attending day release at Northumbria University where he is studying towards a BSc in Civil Engineering. We also continue to work closely with Newcastle University having once again participated in their annual Access Careers event. This year's event took place via a virtual platform and allowed us to display the range of challenging projects we have delivered across the last 12 months. We have previously offered a number of summer placements to second year students, something which we hope to continue.

## Ross MacLeod

On a sadder note, 2020 marked the passing of our Site Foreman Ross MacLeod. Having worked for Southbay for close to 15 years, Ross was one of our most experienced members of staff and played a key role in the delivery of a number of prestigious projects including the structures on both our New Tyne Crossing and A19 Coast Road Improvement scheme. In memory of Ross a total of £1060 was raised for the charity Brain Research UK.

## WELCOME

As we come to the end of what has been a challenging 12 months due to the outbreak of Covid 19, I would like to take the opportunity to thank our clients and stakeholders for supporting the continued operation of our sites. Despite the challenges presented by social distancing, we have safely delivered a number of high profile schemes, which have allowed us to demonstrate the full range of our marine capabilities. This includes the replacement of piled navigational aids within the Mersey Estuary, to the completion of repairs to a number of marine structures across the River Thames.

Despite the various challenges faced by the business, we have continued to invest in staff training which has resulted in the employment of further trainee positions. Such investment is critical to ensuring we maintain the highest standards possible in project delivery, the success of which has been demonstrated by our RoSPA Gold medal award. I would like to take this opportunity to wish you all a Merry Christmas and a prosperous new Year.

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## Project in Focus – Quay No1. Dolphin Construction



Southbay are currently responsible for the construction of 2no. piled mooring dolphins on behalf of Able UK. Located within our clients Seaton Port facility, the structures are being constructed from a jack up barge. Each dolphin consists of 6no. 1420mm diameter tubular piles, complete with precast units and FRC works. Both structures will include fendering, mooring bollards and access ladders. The project is being delivered in accordance with a demanding programme to ensure minimal disruption to planned vessel movements, this has involved progressing works across both day and night shifts. Significant pre planning has been required throughout to ensure materials can be safely transported within a live operational environment. This has involved transporting materials using a flat barge and supporting tug vessel.

*'The site team have maintained an excellent working environment which has allowed us to safely progress works in accordance with our clients ongoing operations. This in part has been achieved by maintaining a proactive approach to planning all activities'.* **Graham Taylor (Contracts Manager)**

## Workload 2020

| <b>Completed Projects</b>                                |              |  |
|--|--------------|--|
| <b>Contract Title</b>                                    | <b>Value</b> | <b>Description</b>   |
| Jetty 5 Fender Refurbishment (Thames Oilport)            | £1.8m        | The refurbishment of 4no. fenders, and installation of 3no. bollards, progressed from a jack up barge across a shutdown of the facility. |
| Neptune Test Tank (Shepherd Offshore)                    | £1.2m        | The sealing of an existing dry dock by constructing 2no. cast in situ retaining walls.   |
| Wooler Infrastructure Protection (National Grid)         | £940k        | Construction of 770m of RC foundations for security fencing. Further works included service crossings and misc RC foundations.           |
| New Brighton Aids to Navigation (Wirral Council)         | £740k        | The replacement of 3no. piled navigation structures from a jack up barge within the Mersey Estuary.                                      |
| Tilbury Culvert Plugging (Brown and Mason)               | £530k        | The plugging of an existing culvert on the site of the former Tilbury Power Station to prevent future flooding.                          |
| OREC River Frontage Remedials (UK Innovation)            | £435k        | Demolition of existing timber jetty, installation of a rock armour revetment, concrete repairs to river wall, and removal of dock gates. |
| Battersea River Wall Repairs (Consortium)                | £380k        | Remedial works to identified defects across 3no. sections of river wall totalling 300m.  |
| Dunbar Sea Defences (East Lothian Council)               | £345k        | Construction of a concrete groyne, detached breakwater, rock armour groyne, and the placement of rock armour to seawall.                 |
| McNulty's Closure Wall (Port of Tyne Authority)          | £260k        | The construction of a cast in situ closure wall complete with timber fenders across the end of an existing slipway.                      |
| Tees Gare Remedial Works (PD Teesport)                   | £230k        | Construction of a 300mm concrete skin, infill of voids, and provision of a new concrete deck.  |
| Pomona Quay Reconstruction (Peel Ports)                  | £190k        | A design and build scheme to reconstruct a section of collapsed river wall, and to stabilise a downstream section of the structure.      |
| Irvin's Quay Fender Replacement (PD Teesport)            | £160k        | The replacement of 8no. damaged fenders complete with fixings across an operational berth within Hartlepool Dock.                        |
| Jetty 4 Mooring Hook Installation (Navigator Terminals)  | £90k         | The installation of 2no. twin quick release mooring hooks complete with capstan.   |
| Swan Quay Remedial Works (ACW Property Limited)          | £70k         | Construction of a new cast in situ concrete face to a section of existing quay wall, complete with concrete plinth.                      |
| Wetland Headwall Construction (Washington Wetland Trust) | £35k         | Construction of a new gabion wall, used to reinstate a section of eroded river bank. The new wall supports an existing outfall.          |
| Tynemouth Jetty Repairs (RNLI)                           | £7k          | The removal of loose timber members and debris. Further works included securing of existing pipework                                     |
| <b>Current Projects</b>                                  |              |  |
| Quay No. 1 Dolphin Construction (Able UK)                | £1.9m        | Construction of 2no. piled mooring dolphin's, complete with fendering and bollards from a jack up barge within the River Tees.           |
| 3 Mills River Wall Repairs (London Olympic Corporation)  | £820k        | Structural repairs to an existing flood wall which includes replacement of brickwork and infill of voids.                                |
| Merchant Court Jetty Repairs (Rendall and Rittner)       | £310K        | Remedial works and concrete repairs to an existing jetty, including crack repairs, and replacement of damaged concrete.                  |
| Revetment Scour Protection Works (Inter Terminals)       | £245k        | The installation of rock bags to prevent undermining of a section of existing revetment.   |
| QEII Caisson Refurbishment (Ravestein)                   | £175k        | The construction of 4no. RC foundations and the installation of heavy crane rails.   |
| Thameslink River Wall (Consortium)                       | £80k         | Remedial works to 3no. sections of wall including, repointing, reconstruction of masonry wall, and replacement of mooring chains.        |