

CEJ GEOTECH LTDwww.cejgeotech.comwww.surveyspares.com

Fully Insured Company Reg : 08193703

VAT No. 389 6287 26

Christopher Andrew Cain**Curriculum Vitae**

28 The Green
Hesketh Bank
Preston
Lancashire
PR4 6SB
United Kingdom

Email: chris.cain@cejgeotech.com
Cell/Mobile: 0044 7786 032 033
Date of Birth: 06 July 1974
Marital Status: Divorced
Nationality: British
Driving License: UK Full (No Endorsements)

Area Of Expertise

Geophysical, Geotechnical and Construction Surveys	Project Management
Reson, Edgetech, Geometrics, Ixsea, Kongsberg, Norbit	Reporting and project delivery
INS: Octans, PHINS, Rovins, Applanix	HSE management, PTW and related documents
Acq Software: CODA, Edgetech, R2Sonic, SonarWiz	Incident Reporting and management
Subsea Positioning: Ixsea GAPs, Sonardyne 6G, HiPAP	Environmental Operations
Navigation Software: NaviPac, QPS Qincy	Geotechnical Sampling Management
ROV: VisuaSoft, Datalogger, SubC DVR, Trittech, Blueview	Gravity Core, Vibrocore, CPT, Subsea drilling
2DHR: Geometrics GeoEel, SerCel, GI Guns, Sleeve guns	Winch and Crane operations, maintenance
Hamworthy and Price Seismic compressors	Portable and Static Appliance mobilisation
Sonardyne 6G Fusion HPR and LBL operation	Electrical and mechanical Fault finding

Offshore Certificates

BOSIET	Blackpool and Fylde including HUET, CE/EBS/BMR	Expiry 16th October 2023
MEDICAL	OGUK, GWO UK and European Offshore	Expiry 25th August 2023
Chester Step	OGUK, GWO compliant	Expiry 25th August 2023
Discharge Book	UK Seaman's Discharge book	Issued 28th September 2012

Passports and Visa's

Passport #1	No. 51869609	Expiry 11th December 2023
Passport #2	No. 564017250	Expiry 5th December 2029

Vaccinations

Yellow Fever	Issued 21 OCT 2012	Expiry 20 OCT 2022
Hepatitis A	Issued 08 MAY 2012	Expiry 10 OCT 2037 (including Booster)
Typhoid	Issued 09 OCT 2012	
Covid-19	Issued 19 Mar / 12 Jun 2021	Fully Vaccinated (Booster 7 Dec 2021)

Education**October 2020 - GWO Manual Handling****June 2020 - Electrical Installations Safety Competent Person Certificate - Elia 50Hz****February 2019 - Working at Height and Harness Equipment user Unit 2****December 2012 - RV Poseidon Crane Operation - Onboard 7Tonne Rigid, 'A' Frame and 2Tonne HiAB Vessel Specific Competent Crane operators Certificate on-board the RV Poseidon****October 2012 - Stema Sylus EB10/5 Sub-bottom Profiler - Stema Systems NL****January 2012 - ASSET by Stats 2000 - Morecombe Cumbria UK**

DITC Certificate, Nitrox Technician Certificate and Cylinder testing Technician Certificate, Coltri Sub Breathing air Compressor Service Engineers Certificate.

Education Continued

2007/2008 - Southport College of Technology UK

EMTA Award - Electrical Full scope Installers Certificate (17th Edition)

2001/2002 - Brinsworth Training Ltd Rotherham (Corus Steel) UK

IEE Electrical Installations (16th Edition) BS7671 BS 2391 IEE Inspection and Testing

August 1999 - Westminster University UK

Royal Society for the Promotion of Health - Certificate in Advanced Health and Safety

July 1999 - West Sussex Fire Brigade - East Grinstead UK

Advance Fire Safety Certificate, Basic Fire Fighting Certificate

1993/1996 - Redhill College of Technology - Redhill UK

(City and Guilds) HVQ level 2/3 Plumbing and Heating (including WRAS Certification)

1990/1992 - Crawley College of Technology - Crawley UK

BTEC HND in Aerospace Engineering (Electrical and Mechanical)

Employment History

CEJ GEOTECH Ltd - June 2012- Present (Survey Engineering Consultancy)

Party Chief and Senior Survey Engineer; Covering all types of projects Worldwide.

Managing director; www.surveyspares.com - supplying spares and consumables to the Survey industry

Lighthouse - Bologna Italy / Baku Azerbaijan- June 2015- Present (Freelance)

Senior Survey Engineer and Party Chief; Covering all types of projects in the Caspian and Mediterranean seas .

MG3 Survey UK Ltd - Warminster UK - January 2014 - June 2015

Senior Party Chief, Senior Survey engineer and ROV engineering support; Covering Project Worldwide including Central and South America, West Africa Antarctic and the Arctic.

MG3 - Akureyri Iceland - July 2012 - January 2014

Senior Party Chief, Senior Survey engineer and ROV engineering support; covering projects worldwide including Central and South America, West Africa Antarctic and the Arctic.

HPR UK Ltd - Insh Aberdeenshire UK - January 2012 - July 2012

Dive and ROV operations, electro-mechanical technician; working as an umbilical man, ROV Technician and trainee pilot.

Design Production and Installation - Southport UK & Europe - January 2012 - July 2012

Power Generation and installations engineer; Uk and Europe wide, providing power generation and interior fit-out for corporate hospitality at large sporting events including Queens Lawn Tennis, EPGA Golf, Volvo Tour and Olympics 2012.

References

Andi Steele

Geophysicist & Party chief

andi.steele@geophysics.ltd.uk

Steve Williams

BP CVT Client Rep

satdiver64@gmail.com

Career Details

CLIENT	PERIOD	PROJECT SUMMARY, LOCATION & RESPONSIBILITIES
IOG/Geo XYZ	May 2022 - June 2022	Project Client Rep for Geo XYZ onboard the Geoquip Saentis drill ship for IOG on the Goddard and Kelhams proposed O&G well sites, liaising with the IOG Client to ensure the Geotechnical project was carried out in accordance with the contract, monitor data quality and follow their SOP's and QHSE procedures. Produce daily reports to client and office team, lead daily meetings, discuss project requirements with the OPM onboard and the main client. Overseeing borehole drilling and sampling to a depth of 50m and CPT measurements down hole to a depth of 35m. Position provided by Qinsy and Sonardyne USBL, Drilling using the GMR600 drilling rig.
ASSO / Sulmara	January 2022 - March 2022	Senior Survey Engineer for Sulmara in the Aegean sea between Naxos and Santorini, cable route analysis, UXO and Geotechnical surveys for dynamic micro routing. Mobilisation of all survey systems and Quasar 100 ROV sensors. Calibrations and Verifications. Generating system diagrams, all equipment monitoring and equipment maintenance and repair. Utilising, Quinsy V9.0, Rovins INS, Seapath GNSS and Furgro, Edgetech 2205 combined SSS and SBP, Innovatum smartsearch, TSS440, 8T CPT, Vibrocore and Van-Veen grab for Geotechnical operations.
Orsted / Boskalis	April 2021- November 2021	Project Surveyor / Engineer for Boskalis in the Hornsea 2 site office in Grimsby, working alongside the Project Surveyors, Package managers, Beach landing team. Arranging vessel survey equipment, mobilisations, demobilisations. Technical and operational troubleshooting. Personnel logistics, contract agreements, internal and external hiring and procurments, managing survey operations for upto 15 vessels in field including cable layers, Anchor handlers, Survey vessels, Trenchers and Ploughs. Data quality control, Excel data processing, reporting and procedure writing. Purchase order raising and other internal audit systems. Introduce an online web based database system to track equipment on vessels.

Ariadne	January 2021-March 2021	<p>Senior Survey Engineer for Prysmian Group onboard the Normand Pacific construction vessel, undertaking a pre-engineering survey for the Crete-Attica interconnection HV and FO cable installation from the Greek mainland to the island of Crete. The project utilised Qinsy for the main navigation, Full Construction Survey ROV spread consisting of, Rovins, DVL, Reson T50 Dual head MBES, Valeport SVS and IPS, Trittech Bathy, Valeport SVX2 CTD, Edgetech 2000 combined 600/300 SSS and Sub-bottom profiler, Innovatum Smartsearch gradiometer frame. Also mobilised was a pole mounted Innomar system. Subsea positioning was managed using a Kongsberg HiPAP 500 with APOS. All systems were calibrated and position checked. online data QC during acquisition was also undertaken.</p>
Orsted	November 2020 - December 2020	<p>Senior Survey Engineer for DEME Offshore onboard the Living Stone Cable lay vessel, undertaking cable repair and cable replacement on Hornsea 1 windfarm, responsible for all Survey systems and equipment, assisting with Surveyor online, assuming nightshft Party chief role when required, updating system drawings and manifests. utilising Qinsy Navigation, Ixsea Phins and Navigator DVL, Octans 3000, Hipap 502 and 352 USBL, Trittech Bathy and Blueview imaging Sonar.</p>
Shell/Technip FMC	September 2020 - October 2020	<p>Senior Survey Engineer for Oceaneering onboard the Normand Mermaid to undertake pipeline replacement and inspection on the Gannett Block offshore North Sea, utilising Navipac and Naviscan online, Maintaining all systems onboard and mounted on the ROV, this included, TSS440 cable tracker, Phins with Navigator DVL, Hipap 502 USBL, R2Sonic dual head MBES, SVX2 CTD, SVS and IPS, Trittech Gemini Imaging Sonar. Also undertaking complete demob of Survey equipment including all longterm installed items, coordinate loading and despatch of equipment back to Oceaneering store, liasing with Oceaneering onshore to ensure timely and accurate demob.</p>
Elia / 50Hz	July 2020 - Aug 2020	<p>Party Chief for Cable tracking surveys offshore Germany Baltic Coast for Geo XYZ onboard Geo Ocean 3 and Mira A. Utilising Edgetech 4200 sidescan, R2Sonic MBES and Silas 3D sub bottom profiler on ROV and overside trailing arm for depth of burial and Geophysical seabed surveys. Encompassing all aspects of project management, data QC and client liaison, report coordination and data flow. QHSE and data management</p>

Nexans / Iberdrola	May 2020	Senior Survey Engineer for Geophysical and UXO survey offshore France for Geo XYZ onboard Geo Ocean IV. Utilising 3 towed TVG frames, G882 Magnetometers, Edgetech 4200, Eiva Winches, Innomar SBP, Kongsberg MBES, Kongsberg Hipap USBL for positioning and Trimble with Fugro G4+ GPS. Mobilised vessel in St Malo Brittany, TVG frames mobilised and all systems intergated, systems tested and Caibrations carried out, Assist PC in procedure preparation and QHSe documantation, revisiting TRA's and SOP's.
Seaway 7	April 2020	Senior Survey Engineer for Geophysical Survey offhsore Germany for Geo XYZ onboard Geo Ocean IV. Utilising Edgetech 4200 sidescan, Kongsberg Hipap USBL, Innomar SBP, Kongsberg MBES, Kongsberg Hipap USBL for positioning and Trimble with Fugro G4+ GPS. Assist PC in procedure preparation and QHSe documantation, revisiting TRA's and SOP's.
Orsted	March 2020 - April 2020	Senior Survey Engineer/Scanfish Pilot for Geophysical and UXO surveys offshore Netherlands and Germany for Geo XYZ onboard Geo Ocean IV. Utilising two 3D scanfish, G882 Magnetometers, Edgetech 4200, Eiva Winches, Innomar SBP, Kongsberg MBES, Kongsberg Hipap USBL for positioning and Trimble with Fugro G4+ GPS. Mobilised vessel in Ostend, Winches fitted, Scanfish mobilised and all systems intergated. Assist PC in procedure preparation and QHSe documantation, revisiting TRA's and SOP's.
EnergiNet	January 2020 - March 2020	Senior Survey Engineer for Geophysical and UXO survey offshore Denmark for Geo XYZ onboard Geo Ocean IV. Utilising Edgetech 4200 and 3 towed TVG frames, Kongsberg MBES and HiPaP. Mobilised the vessel in Ostend, including 3 Eiva Winches, redesigned and fabricated modifications to STR TVG frames due to excessive noise on Magnetometer data. Assisted PC with documentation preparation for next project, Procedure writing, QHSE documents and vessel specific risk assessments.
Hurricane Energy	September2019 - November 2019	Senior Survey Engineer for Geophysical, Seismic and Environmental survey west of Shetland onboard Geo Ocean III for Geo XYZ. Utilising Sonardyne Ranger2 Edgetech 4200 sidescan with a towed G882 Magnetometer, R2Sonic Multibeam and Stema Silas sub-bottom profiler, 600m GeoEel with 4 x 10CUin seismic air source, 1x 10 CUin minigun and 150m streamer, water depths of up to 200m, Challenging weather limits made the operations difficult.

SSE Ireland	May 2019 - August 2019	Party Chief and Senior Engineer - In-shore Geophysical project for Ultrabeam on the Arklow Bank Wind Park proposed Extension project, Mobilise two vessels with geophysical spread consisting of ; Edgetech 4200, G882 Maggy, AA Boomer and sgl ch mini streamer, Sonardyne Mini Ranger2, Dual head Norbit MBES with PosMV, RTK receiver stations, Also mobilised, Geomarine 1Kj Sparker and Eiva Scanfish. Coordinate line plans and liaise with Client on and offshore as well as remote processing team for live updates, Daily reports and HSE requirements, Mob and Ops reports and work closely with vessel owner and main contractor,
TAQA BRITANI	April 2019 - May 2019	Geophysical and Digital Survey Engineer - Mobilise project specific equipment, deployments and recovery of equipment, maintenance and repair of equipment, Acquire data online and assist with Geotechnical operations for Gardline / Boskalis onboard the RV Ocean Observer on the TAQA Harding block North Sea. Equipment included, Edgetech 4200, G882 Mag, Applied Acoustics squid sparker, Sercel 96 channel streamer and 4x40 sleeve gun frame. Software utilised included, Octopus V3, Gardline Mag display V2, Garline GasGC3, Digicourse and Seal X1 V5.2
Orsted	January 2019	Senior Survey Engineer - Pre-mob equipment servicing, Calibration and configuration for Fugro Emu in Porchester, preparing all equipment for Hornsea project, equipment included, Scanfish and Scanfish 3D, Edgetech 4200 SSS, Geometrics G882 Magnetometers, Sidescan and Scanfish winches, all other associated survey spread equipment
Hurricane Energy	October 2018- December 2018	Senior Survey Engineer for Geophysical, Seismic and Environmental survey west of Shetland onboard Geo Ocean III for Geo XYZ. Utilising Sonardyne Ranger 2, Edgetech 4200 sidescan with a towed G882 Magnetometer, R2Sonic Multibeam and Stema Silas sub-bottom profiler, 600m GeoEel with 4 x 10CUin seismic air source, 1x 10 CUin minigun and 150m streamer, water depths of up to 200m, Challenging weather limits made the operations difficult.
Orsted	September 2018	Senior Survey Engineer Geophysical survey for wind farm planning on Hornsea HOW01 project on-board RV Bibby Tethra for Bibby Hydromap. Utilising Edgetech 4200 side scan, G882 Magnetometer through telemetry system and Sub bottom profiler. Data Acquired using CODA, Qinsy, Sonardyne Ranger USBL

TAP / Saipem	May 2018 - August 2018	Senior Survey Engineer Geophysical and UXO survey for Anchor corridor preparation for pipeline from Albania across the Adriatic Sea to the Italian coast. Use of Edgetech 4200 SideScan, G882 Magnetometer, Sonardyne Ranger2, R2Sonic Multibeam and ELAC deep water Multibeam. Utilising Edgetech Discovery, SonarWiz and MagLog Survey incorporated coverage from inshore water depth 12m up to maximum water depth 820m, challenging topography encountered.
Scottish Power (Renewables)	February 2018 - April 2018	Scanfish Survey Engineer Wind farm UXO Clearance Survey East Anglia One project on-board RV Bibby Tethra for Bibby Hydromap. Utilising Eiva Scanfish consisting of 8 Geometrics G882 Magnetometers across 2no. Scanfish and an Edgetech 4200 CODA software, QPS Qinsy Nav software, Mini Ranger 2 USBL, Onboard training received for Equipment deployment. Carry out a detailed UXO identification survey on planned Cable lay routes for Wind Turbine array offshore Eastern England
IGI Poseidon (Pipeline Feasibility Study)	October 2017 - December 2017	Senior Survey Engineer for Geophysical survey onboard the RV Odin Finder for Lighthouse Bologna, Greece to Cyprus pipeline feasibility survey. Qinsy, Teledyne Benthos with Sonarwiz, ELAC Nautik Seabeam 3100 MBES and Hydrostar Software, R2Sonic MBES for nearshore, Sonardyne Ranger, 2DHR 10CuIn mini gun and single channel streamer, PAMs monitoring system
Scottish Power (Renewables)	Aug 2017 - September 2017	Underwater Engineer Wind farm UXO Clearance Survey East Anglia One project on-board RV Vigilant for Gardline. Utilising Gardline designed GMP frame consisting of 8 Geometrics G882 Magnetometer on a towed platform frame with Gardline inhouse software GMP V1.0.0.8 and an Edgetech 4200 with depressor and Discover software, Gardline V5 Nav software, Ranger 2 USBL, Onboard training received for 5T Back deck Hi-Ab for Equipment deployment. Carry out a detailed UXO identification survey on planned Cable lay routes for Wind Turbine array offshore Eastern England
Saipem / BP Caspian Sea (Construction)	July 2017	Party Chief Harbour survey in BDWJF-SPS Harbour, MBES and Sidescan target survey, preparation for the arrival of new multitask vessel. Mobilisation reclarification for position, acceptance paperwork from client, data QC with Client, Line planning adjustments to allow for environmental and operational requirements, all aspects f HSE, Tide gauge data acquisition and data stream to office.

Saipem / BP Caspian Sea (Construction)	July 2017	Party Chief Inshore As-Built survey for Shah Deniz II Pipelines on-board CMS-3 vessel of opportunity, utilising RTK shore based system and C-Nav for position, Edgetech 4125 (1600 / 600 kHz) Sidescan and Norbit MBES with integrated PosMV INS. To carry out geophysical as-built survey in shallow water section from 15m water depth to the shallowest approach that is safe to navigate. Responsible for Survey operations, Client liaison on board and some onshore meetings, All aspects of HSE including permit to work, TRA's and RTC review. Site memo writing and Mob and Cal report preparation, Mobilisation and Client acceptance paperwork.
Saipem / BP Caspian Sea (Construction)	Sept 2015- June 2017	Senior Survey Engineer on Pipelay support surveys for Chirag and Shah Deniz II project, including TDM, As-Laid, OOS, LBL installation, Metrology, As-Built and numerous other operations including ROV, onboard the DSV Akademik Tofiq Ismayilov, Topaz Arrow in Baku, Azerbaijan. Full Construction survey spread including HiPAP, Octans, Meridian, Blueview Sonar, Trittech, ROV setup, Qincy Navigation, C-Nav corrections, Seavision, Satel Telemetry, Full VisualSoft system including Datalogger, Video and Archive. Fibre Optic cabling with Lan and MOXA serial interconnections, some use of Sonardyne 6G Fusion in both HPR and LBL array, but limited to basic operations. Responsible for writing equipment work procedures, liaising with both Saipem and BP onboard clients when Party Chief is not available, writing of RTC's and TRA's for pre job and raising PTW's, reviewing other aspects of HSE for survey operations.
Saipem / BP Caspian Sea (Construction)	June 2015- July 2015	Senior Survey Engineer on ROV Geophysical section of the Shah Deniz project on-board the Topaz Arrow in the Caspian sea off the coast of Baku in Azerbaijan. The Project involved the installation of an LBL array and an accurate geophysical survey to within 1m of as found debris and assets, SBP for cement deposits and MBES. Use of R2Sonic, Edgetech SBP, Octans, Phins mounted both on ROV and vessel mounted pole. All in preparation for an accurate geotechnical survey. Software included Qincy, Visualsoft and Discovery.
Det-Norske Barents Sea Norway (Geophysical and Geotechnical)	April 2015- May 2015	Party Chief on Geochemical Sampling and Analyses Campaign on board RV Neptune, situated approximately 200km north of Hammerfest, Norway. Project involved Gravity corer, Bathy taken with Reson 7125, 8160, navigation from Eiva, corrections from C-Nav 2050, SBP from SES topside with InfoX acquisition software, Position provided by GAPS USBL, Geosuites for Bathy processing. Samples collected were AGI, APT and MPOG for hydrocarbon analysis we also took Slick sampling on area being prospected for Macroseep locations. High demand from HSE and project management by Det-Norske, liaising closely with the client rep Reider Lien

ADDAX Petroleum (Geophysical and 2DHR Seismic)	October 2014 - November 2014	Party Chief on 2D Seismic and Analogue Survey for new Well and platform locations in OML123 ANTAN field off Nigerian Coast, managing all aspects of the project from mobilisation to completion and demobilisation. Use of Full Analogue and Digital spread, Edgetech, Geometrics Seismic wave, Ixsea GAPS, Applied Acoustics, Eiva Navigation, Promax processing software. Adhere to and implement Client health and Safety requirements, Vessel inspections and Client Liaison.
Repsol Colombia (Geophysical and 2DHR Seismic)	May 2014 - July 2014	Party Chief on 2D Seismic Survey in shallow water Offshore Colombia, Caribbean Sea, managing all aspects of the project from mobilisation to completion and demobilisation. Implemented and executed a Crew Medivac and completed all relevant paperwork and reporting procedures, Patient admitted to hospital with Heart Arrhythmia, Client commended entire crew for well planned and executed operation.
Premier Oil (Geotechnical, Geophysical, Geochemical and Environmental)	April 2014 - May 2014	Party Chief for Geotechnical/Geochemical survey, Offshore Falklands for oil prospecting, managing all aspects of the project from mobilisation to completion and demobilisation. Including obtaining Strata samples and data for Geochemical and Environmental including Hydrocarbons, Also required to deploy Wave Buoy for and on behalf of Gardline for long-term Wave height analysis
Noble Energy	March 2014 - April 2014	Party Chief for Geotechnical/Geochemical survey, Offshore Falklands for oil prospecting, managing all aspects of the project to completion and demobilisation. Including obtaining Strata samples and data for Geochemical and Environmental including Hydrocarbons
Addax Petroleum (Geotechnical)	January 2014 - March 2014	OCM for Geotechnical leg penetration project, offshore Nigeria for an Insurance report, consisted of Borehole drilling platform the 'Blackjack' drilling 6 Boreholes and collecting samples as well as carrying out CPT testing to a depth of 60m below seabed, Reporting and overall operational control of the project, HSE compliance and Client liaison, complete mobilisation and demobilisation of personnel and equipment
Noble Energy (Geophysical)	June 2013 - September 2013	Shallow water Bathymetric, Geophysical surveys, offshore Nicaragua Central America, conducted on MV Poseidon. As Senior engineer and Deck supervisor responsible for service and support of all company and rented survey hardware, lead all deck operations, mentor junior engineers. assist Party chief in preparation to undertake my first Party Chief role
ENI / Repsol (Geotechnical)	June - 2013	200m - 300m deep Geotechnical and Environmental survey, offshore Norway (Arctic Circle 72° North), conducted on MV Neptune. Senior engineer and Deck supervisor responsible for all deck operations and assist party chief in preparation to undertake my first Party Chief role

Info Express (Demob)	May -2013	Complete demobilisation of vessel after long term charter, in port Cuxhaven Germany, on-board MV Aquarius. Demobilise all analogue and digital survey equipment, create shipping lists and load for transportation back to UK.
Total Europe (Geotechnical)	January 2013 - February 2013	Geotechnical survey based upon data collected on previous project for pipeline route, offshore San Sebastian bay Patagonia Chile South America, conducted on MV Poseidon, as Survey Engineer , responsible for all Geotechnical deck operations and equipment, mobilisation and demobilisation.
Total Europe (Geophysical and Seismic Refraction)	November 2012 - December 2012	Shallow water Geophysical and Seismic Refraction surveys on proposed pipeline route in preparation for Geotechnical surveys, offshore San Sebastian bay Patagonia Chile South America, conducted on MV Poseidon, Survey Engineer night shift, responsible for all analogue survey equipment, data acquisition, mobilisation and demobilisation and assist with Seismic Refraction equipment.
Lagos Channel Management (Geophysical)	October 2012 - November 2012	Survey Engineer inshore SBP survey on behalf of CARES LTD, annual contractual obligation for independent survey to confirm the dredging required for the Lagos harbour is still required, Employing small mobbed tug vessel, with Overside Stema Sylus SBP, Qinsy mobile navigation system for positioning and C-NAV DGPS corrections, present a field report
PDVSA	July 2012 - September 2012	ROV Technician/Pilot , Telecommunications cable tracking, offshore Venezuela Central America, conducted on MV Poseidon. ROV Technical support, responsible for mobilisation or work class ROV and day shift operations including launch, recovery and all topside functions, some pilot time was accrued (approx. 3hrs) demobilise ROV and ancillary equipment.