

Curriculum Vitae

Evgeny Ryabov

PERSONAL DATA

Address: apt. 788, Dunaiskii prospect 7/7, Saint Petersburg 196158, Russian Federation

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DOB: 21 June 1990

Marital status: Married

Nationality: Russian Federation

PERSONAL PROFILE

I am a competent and confident Hydrographic surveyor who is seeking a responsible career position as a Senior Surveyor where I can fully utilize my knowledge and skills as well as achieve personal and professional development. I have experience in Online and Processing roles, in such areas as Pipelay, Pipeline Inspection, ROV support, IMR support, Construction, Geophysical, Seismic, Geotechnical Surveys, Dredging and Land Survey. In addition, I am fully certified with concurrent OGUK Medical and BOSIET/STCW 95 training.

HYDROGRAPHIC SURVEY SPECIFIC SKILLS

Equipment:

| | |
|--------------------------------------|---|
| GPS: | C-Nav 3050/1010, Trimble SPS852/552H/461, Veripos LD5/25, Fugro 9205 |
| Multibeam: | R2Sonic 2024, Reson SeaBat 8125H/ 7125/T20, Kongsberg EM 3002, EdgeTech 6205, NORBIT iWBMS, GeoSwath Plus 500Khz, ELAC SeaBeam 3030 |
| Singlebeam: | Kongsberg EA 400, Odom Echotrac MKIII, Reson NaviSound 620 |
| Motion and gyro: | TSS Meridian Gyro, TSS DMS-05/ MAHRS, Kongsberg Seatex MRU 5 Motion Sensor, IXSea Octans, SeaPath 200, Applanix POS MV, GEM Polaris FOG 100 |
| USBL: | Sonardyne Ranger / Ranger 2 / Mini-Ranger 2, Kongsberg HiPAP 501, IXSea GAPS, Applied Acoustics Easytrak Lite |
| Telemetry: | Satel Radio Modem, TDMA, Seatronics SeaVision, Seatronics SeaVision II |
| Video Recording: | Visual DVR, SubC DVR, OceanTools HDO (HD Video Overlay) |
| ROV Sensors: | Innova Matrix MK II, IxSea PHINS 6000, RDI DVL, Trittech SeaKing Profiler / Bathy, Trittech Gemini Imaging Sonar 720i, TSS 340/440 Pipe Tracker, Innovatum Smartsearch |
| Pressure Sensors: | Paroscientific DigiQuartz Depth Sensor, Valeport IPS, Vaisala Barometer |
| Sub-bottom profiler: | Innomar SES 2000 Compact, Teledyne Datasonic Benthos CHIRP III |
| Magnetometer: | GEOMETRICS G-882 Marine Magnetometer |
| SVP, CTD: | Valeport Monitor SVP/ Mini SVS/ MIDAS SVX2/SWIFT, IDROMAR IMSVP |
| Tide Gauge: | Valeport MIDAS WLR, Datawell Waverider Buoy DWR-G |
| Acoustic Release: | Sonardyne ORT 7409 & LCU type 7663 |
| Total station: | Sokkia SET 510, Nikon NPL 332 |
| <u>Software:</u> | QINSy, EIVA, VisualSoft (VisualDVR, VisualOverlay, VisualData, Visual Archive), SubC DVR, SonarWiz 5, Ranger, APOS, Gemini, SeaSaw, Qloud, Terramodel, AutoCad, BricsCad, Microsoft Office, Credo. |
| <u>Languages:</u> | Russian - Native tongue / English - Fluently |
| <u>Driver's license:</u> | Full clean |
| <u>Offshore Certificates:</u> | FOET (incl. HUET+EBS) exp. 03/07/2021, STCW 95 Basic Training exp. 05/03/2024, |
| <u>Medical Certificates:</u> | OGUK medical certificate exp. 01/07/2021, Yellow Fever vaccination certificate. |

EDUCATION AND TRAINING

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|----------------|---|
| March 2019 | STCW 95 Basic Safety Training and Instruction (refresh) |
| July 2018 | Basic H2S Training approved by OPITO |
| June 2017 | Further Offshore Emergency Training (FOET) approved by OPITO incl. Helicopter Underwater Escape Training (HUET + EBS) |
| March 2014 | STCW 95 Basic Safety Training and Instruction (refresh) |
| July 2013 | Basic Offshore Safety Induction and Emergency Training (BOSIET) approved by OPITO incl. Helicopter Underwater Escape Training (HUET + EBS) |
| June 2013 | EIVA NaviPac Training Course |
| 2007 – 2013 | State University of Maritime and Inland Shipping n. a. admiral S. O. Makarov, Arctic Department, Location: Saint-Petersburg, Russian Federation Diploma Qualification: Hydrographic Engineer. |
| Spring of 2010 | Course of Cartographer II category. |
| Summer of 2010 | Educational practice on geodesy, hydrography. |
| May 2009 | STCW 95 Basic Safety Training and Instruction |
| Summer of 2008 | Educational practice on topography, oceanography, meteorology. |
| 1997 – 2007 | Kingisepp gymnasium. |

REFERENCES

Aleksander Shaw

Party Chief

Project: ADRIANE INTERCONNECTION / Offshore route survey Hollandse Kust (West) Beta / Hansa Bridge
Block U Route Survey / Al Shaheen Field Geophysical Campaign / Shah Deniz Stage 2

Email: a2shaw@yahoo.com

Nick Crawford

Offshore Manager / Party Chief

Project: Wingate Field Development / Glengorm Site Survey

Email: ncrawf@btinternet.com

Paul Kelly

Party Chief

Project: Shah Deniz Stage 2

Email: paulknz@live.com

Further References available on request.



Signed.....

Evgeny Ryabov

WORK EXPERIENCE

2020/2021

Senior Surveyor

Next Geosolutions

➤ **Project:**

Vessel: Ievoli Ivory

Place: Offshore Greece, Mediterranean Sea

Client: NEXANS

Project: Offshore ROV route survey ADRIANE INTERCONNECTION (LOT B)

Oct., 2020 – Feb., 2021

Duties and Responsibilities:

- Mobilization and calibration of survey equipment on vessel and ROV
- ROV bathymetric and geophysical survey – MBES, SSS, SBP (QINSy).
- ROV detailed survey (INNOVATUM Smartsearch)
- ROV GVI, Buried cables detection (TSS 440 pipe tracker)

➤ **Project:**

Vessel: Ievoli Cobalt

Place: Dutch Continental Shelf, North Sea

Client: TENNET

Project: Offshore route survey Hollandse Kust (West) Beta

Jun., 2020 – Sep., 2020

Duties and Responsibilities:

- Mobilization and calibration of survey equipment
- Geophysical site survey (30m WD) – MBES, SSS, MAG, SBP (QINSy).
- UXO survey (TVG frame)
- Geotechnical survey (van Veen Grab, CPT, VC, TRT)

➤ **Project:**

Vessel: Kommandor Stuart

Place: Offshore Sweden

Client: Svenska Kraftnat

Project: Hansa Bridge Block U Route Survey

Jun., 2020

Duties and Responsibilities:

- Geophysical site survey (40m WD) – MBES, SSS, MAG, SBP (QINSy).
- ROV GVI, Buried cables detection (TSS pipe tracker)
- Geotechnical survey (van Veen Grab, CPT, VC, TRT)

Senior Surveyor

LIGHTHOUSE SpA

➤ **Project:**

Vessel: R/V Odin Finder

Place: Offshore Egypt/offshore Cyprus, Mediterranean Sea

Client: Huawei Marine Networks Co.

Project: Pre-engineering cable survey

Feb., 2020 – Mar., 2020

Duties and Responsibilities:

- Geophysical site survey (20-1000m WD) – MBES, SSS, MAG, SBP (QINSy).
- Deepwater MBES survey (1000-3000m WD)
- Geotechnical survey (van Veen Grab, CPT, Gravity Corer)

2019

Senior Surveyor

Geo XYZ

➤ **Project:**

Vessel: MPSV Geo Ocean III
Place: West of Shetland
Client: Hurricane Energy plc
Project: Site survey West of Shetland

Oct., 2019 – Nov., 2019

Duties and Responsibilities:

- Analogue and Digital (HR, UHR) site survey (140m - 170m WD) – MBES, SSS, MAG, SBP (QINSy).
 - Environmental and Habitat Assessment surveys (van Veen Grab, Camera transects)
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Senior Surveyor

LIGHTHOUSE SpA

➤ **Project:**

Vessel: M/V Coastal Bigfoot
Place: Kazakhstan, Caspian Sea
Client: CMOC B.V. / NCOC N.V.
Project: Offshore Geophysical and Seabed Survey along the Kalamkas – Kultay Pipeline Route

Jul., 2019 – Sep., 2019

Duties and Responsibilities:

- Mobilization and calibration of survey equipment
 - Geophysical site survey (2.5-8m WD) – MBES, SSS, MAG, SBP (QINSy).
 - Nearshore survey on shallow water boat (1.0-2.5m WD) – MBES, SSS, MAG, SBP (QINSy).
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Senior Surveyor

Geo XYZ

➤ **Project:**

Vessel: MPSV Geo Ocean III
Place: Dutch Continental Shelf, North Sea / Glengorm Site, North Sea
Client: Oranje-Nassau Energie B.V. / CNOOC
Project: N5A Development – Pipeline route and platform area survey / Glengorm Site Survey

Apr., 2019 – Jun., 2019

Duties and Responsibilities:

- Analogue and Digital site survey (30m / 85m WD) – MBES, SSS, MAG, SBP, HR, UHR (QINSy).
- Geotechnical survey (VC)
- Environmental survey (Grab, Camera transect)

2018

Online Surveyor

Geo XYZ

➤ **Project:**

Vessel: MPSV Geo Ocean III
Place: Howick field, West of Shetland /Wingate field, North Sea
Client: Nexen Petroleum U.K. Ltd / Wintershall Noordzee B.V.
Project: Howick Site Survey / Wingate Field Development

Dec., 2018 – Jan., 2019

Duties and Responsibilities:

- Analogue and Digital (HR, UHR) site survey (150-190m WD) – MBES, SSS, MAG, SBP (QINSy).
- Geotechnical survey (Vibrocorer, CPT)

- **Project:**
Vessel: MPSV Geo Ocean III Oct., 2018 – Nov., 2018
Place: West of Shetland
Client: Hurricane Energy plc
Project: Site survey West of Shetland

Duties and Responsibilities:

- Analogue and Digital (HR, UHR) site survey (140-170m WD) – MBES, SSS, MAG, SBP (QINSy).
 - Environmental and Habitat Assessment surveys (van Veen grab, Camera transects).
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Senior Surveyor

LIGHTHOUSE SpA

- **Project:**
Vessel: M/V Halul 63 Jul., 2018 – Aug., 2018
Place: Qatar, Arabic Gulf, Al Shaheen Field
Client: North Oil Company
Project: Al Shaheen Field Geophysical Campaign

Duties and Responsibilities:

- Geophysical and UHR site survey (35-70m WD) – MBES, SSS, MAG, SBP and UHR (QINSy).
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- **Project:**
Vessel: M/V JONI Mar., 2018 – May, 2018
Place: Albania, Adriatic Sea.
Client: Saipem/TAP (Trans Adriatic Pipeline)
Project: Albanian Near Shore Geophysical and UXO Pre-Lay Survey

Duties and Responsibilities:

- UXO and Pre-Lay survey (MBES, SSS, SBP, Geometrics G882 TVG Frame)

2017

Senior Surveyor

LIGHTHOUSE SpA

- **Project:**
Vessel: M/N Citta' Di Salerno / M/N Lipuda Sep., 2017 – Nov., 2017
Place: Italy, Mediterranean Sea
Client: Doris Engineering S.A.
Project: Geophysical Site and Refraction surveys

Duties and Responsibilities:

- Mobilization and calibration of survey equipment
 - Geophysical site survey (0-150m WD) – MBES, SSS, MAG, SBP, SPK (QINSy).
 - Refraction site survey
 - ROV debris survey
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- **Project:**
Vessel: MSV Topaz Arrow May, 2017 – July, 2017
Place: Azerbaijan, Baku, Caspian Sea.
Client: Saipem/BP
Project: Shah Deniz Stage 2

Duties and Responsibilities:

- ROV As built surveys, OOS surveys, Pipeline Inspections
- Dual head MBES ROV surveys, Debris clearance ROV survey, Multiple ROV tasks
- LBL Metrology
- VisualSoft, SubC DVR setup and video recording.

2015 - 2017

Senior Surveyor

LIGHTHOUSE SpA/G.A.S. Geological Assistance & Services

➤ **Project:**

Vessel: DSV Akademik Tofiq Ismayilov

Aug., 2015 – March, 2017

Place: Azerbaijan, Baku, Caspian Sea.

Client: Saipem/BP

Project: Shah Deniz Stage 2 – DSV pipelay survey support (28-day rotation)

Duties and Responsibilities:

- Mobilization and calibration of survey equipment on DSV, ROV
- ROV Pre-lay/As laid/As built surveys, TDM (ROV, Oversight Pole), Pipeline Inspections
- Dual head MBES ROV surveys, Debris clearance ROV survey, Multiple ROV tasks
- LBL Arrays installation and calibration, LBL Digiquartz (IPS) depth loop elevation checks
- DMA Installations, Cut to length for the initiation wire prior the Pipe laying, IPS pipe separation surveys
- Diving support, Spools installation
- VisualSoft, SubC DVR setup and video recording.

➤ **Project:**

Vessel: DBA (construction barge)

June, 2015

Place: Azerbaijan, Baku, Caspian Sea.

Client: Saipem/BP

Project: Shah Deniz Stage 2 – CTZ Foundation installation

Duties and Responsibilities:

- CTZ Foundation Installation
- Anchor handling operations, positioning of barge
- VisualSoft, SubC DVR setup and video recording.

➤ **Project:**

Vessel: Topaz Arrow

May, 2015

Place: Azerbaijan, Baku, Caspian Sea.

Client: Saipem/BP

Project: Shah Deniz Stage 2 – LBL Array Installation, Pre-Installation Survey (Geophysical and MBES)

Duties and Responsibilities:

- LBL Array Installation
- Digiquartz (IPS) depth loop elevation check
- Analogue geophysical site survey – MBES, SSS, MAG, SBP (QINSy).

➤ **Project:**

Vessel: DBA (construction barge)

Feb., 2015 – Apr., 2015

Place: Azerbaijan, Baku, Caspian Sea.

Client: Saipem/BP

Project: DBA- Pin Pile Installation (42-day rotation)

Duties and Responsibilities:

- Mobilization of survey equipment on barge and tugs
- Platform Pin Pile Installation
- Setup and calibration of survey spread
- Anchor handling operations, positioning of barge
- VisualSoft, SubC DVR setup and video recording.

2014

Online Surveyor

G.A.S. Geological Assistance & Services

➤ **Project:**

Vessel: DBA (construction barge)

Nov., 2014 – Jan., 2015

Place: Azerbaijan, Baku, Caspian Sea.

Client: Saipem/BP

Project: Shah Deniz Stage 2 – DBA- Shallow Water Crossing Installation (42-day rotation)

Duties and Responsibilities:

- Mobilization of survey equipment on barge and tugs
- Setup and calibration of survey spread
- Anchor handling operations , positioning of barge
- Mattresses and Crossing Support Structures Installation
- VisualSoft, SubC DVR setup and video recording.

➤ **Project:**

Vessel: Topaz Arrow

Jul., 2014 – Nov., 2014

Place: Azerbaijan, Baku, Caspian Sea.

Client: Saipem/BP

Project: Provision of IRM services for BP AGT region.

Duties and Responsibilities:

- ROV IMR support:
 - Pre-lay, As-laid surveys, GVI;
 - Debris, Bathymetry surveys, Anchor Catenary surveys;
 - Vibration monitoring sensors and Clumps removal from drilling risers;
 - Hydraulic Flying Leads, TPS installation and re-positioning;
 - Cutting disposal hose installation;
 - Cement removal on subsea well template;
 - Subsea sandbag T-marker installation on wells location.
- Positioning of vessel and ROV during operations.
- VisualSoft, SubC DVR setup and video recording.
- USBL Calibration.

➤ **Project:**

Vessel: Topaz Arrow

Jun., 2014 – Jul., 2014

Place: Azerbaijan, Baku, Caspian Sea.

Client: Saipem/BP

Project: Shah Deniz Stage 2

Description: Pre-construction survey for crossing installation. Analogue geophysical site survey.

Duties and Responsibilities:

- Analogue geophysical site survey – MBES, SSS, MAG, SBP (QINSy).
- ROV (Triton XL) GVI of pipelines, dual head profiler pipelines inspection (VisualSoft).
- USBL Calibration, MBES Calibration.

➤ **Project:**

Vessel: R/V Odin Finder

Apr., 2014 – May, 2014

Place: Cameroon, Douala offshore

Client: GDF-SUEZ.

Project: Cameroon LNG (CLNG)

Description: Pipelay offshore Geophysical Site and Geotechnical offshore surveys.

Duties and Responsibilities:

- Equipment setup and project database during the mobilization, USBL Calibration
- Positioning vessel during UHR multi-channel seismic survey
- Analogue geophysical site survey – MBES, SSS, MAG, SBP (QINSy)

Online Surveyor

N-SEA Group

➤ **Project:**

Vessel: DPPLV "Lewek Centurion"

Dec., 2013 – Jan., 2014

Place: Dutch Sector, North Sea.

Client: CECON NL B.V.

Project: GDF Suez Campaign Dutch Sector 2013.

Description: 10-inch pipe and 2-inch piggy-back installation between two offshore platforms in operational water depth approx. 40 m.

Duties and Responsibilities:

- QC of pipeline installation (S-lay method)
- Positioning of the vessel during pipe laying operations, video telemetry monitoring (QINSy).

2013

Online Surveyor

G.A.S. Geological Assistance & Services

➤ **Project:**

Vessel: MSV Topaz Glory

Jul., 2013 – Sep., 2013

Place: Azerbaijan, Baku, Caspian Sea.

Client: TOTAL E&P ABSHERON.

Project: Absheron Field Development.

Description: Analogue Geophysical Site and Geotechnical offshore surveys.

Duties and Responsibilities:

- Test equipment on the shore base and installation on the vessels
- Analogue geophysical survey – MBES, SSS, SBP, MAG, SPK (QINSy) – (approx. 2000 km)
- Geotechnical survey using CPTu, Piston Corer, Box Corer
- ROV inspection of pipelines, cables and obstacles.

Online Surveyor

N-SEA Group

➤ **Project:**

Vessel: Noordhoek Pathfinder (Multipurpose Offshore Support Vessel)

May, 2013

Place: Thanet windfarm, Ramsgate, UK.

Client: ABB Group.

Project: Repair and Maintenance dredging.

Description: Lowering cable operations.

Duties and Responsibilities:

- Online Multibeam hydrographic survey and processing data (QINSy)
- Positioning of the vessel during dredging operations
- Control of trenching operations

2012

Online Surveyor

Jan De Nul N.V.

➤ **Project:**

Vessel: Willem De Vlamingh (stone dumping vessel)

Sep., 2012 – Oct., 2012

Place: Tatar strait, Sakhalin, Russian Federation

Client: Exxon Neftegas Ltd.

Project: Tatar Strait Pipeline Protection Upgrade Project

Description: Subsea Rock Installation using Underwater Flexible Pipe and Seatools fall pipe ROV for dumping operations.

Duties and Responsibilities:

- Online Multibeam hydrographic survey (QINSy)
- Online ROV (Seatools) Multibeam hydrographic survey
- Positioning of the vessel and ROV during dumping operations
- Processing data (QINSy, Qloud)
- Drawing X-sections, Long profiles and volume calculation (Terramodel)

➤ **Project:**

Vessel: Fernao De Magalhaes (cutter suction dredger).

Apr., 2012 – Jun., 2012

Place: Chayvo, Sakhalin, Russian Federation.

Client: Exxon Neftegas Ltd.

Project: Temporary Offloading Facilities in the Chayvo area bay. Repair and Maintenance dredging.

Description: Dredging of the safe approach channel, TOF basin for offloading operations.

Duties and Responsibilities:

- Installation of equipments
- Online hydrographic Multibeam and Singlebeam surveys (QINSy)
- Processing data (QINSy, Qloud)
- Drawing bathy and differential charts, X-sections, Long profiles in Terramodel
- Volume calculation in Terramodel
- Renewal UTD Situation on the project's vessels
- Preparation of final charts and volume calculation.

2011

Online Surveyor and Data processor

Fertoing Ltd

➤ **Project:**

Vessel: DEFENDER (pipelay barge).

Jul., 2011 – Nov., 2011

Place: Baydaratskaya bay, Kara Sea, Russian Federation.

Client: Yamalgasinvest (Gasprom).

Project: Underwater cross of pipelines between Yamal and Ural sides of Baydaratskaya bay.

Duties and Responsibilities:

- Mobilization of survey vessels
- Pre-lay, as-laid surveys, control of trenching, backfilling operations (QINSy)
- Singlebeam survey (Hypack)
- Control of pipe-laying; anchor handling operations; barge positioning during pipe-laying
- Processing data (Qloud, Hypack, AutoCad)
- Drawing bathy charts, building cross profile and X-profile sections of trench and pipe (Hypack)
- Preparation of report documentations.

➤ **Project:**

Vessel: St. Pavel Taganrogsky.

Jun., 2011

Place: Black Sea, Taman, Russian Federation.

Client: Tamaneftegas.

Project: Pre-dredging survey for Dredging International.

Duties and Responsibilities:

- Online Multibeam hydrographic survey (QINSy)
- Processing data (Qloud, QINSy).

2010

Operator at Vessel Traffic Service (VTS)

ROSMORPORT

Aug., 2010 – Sep., 2010

Duties and Responsibilities:

- Control the vessels traffic in the port area.

2009

Land Surveyor

LIMB Ltd

May., 2009 – Sep., 2009

Duties and Responsibilities:

- Topographic, cadastral surveys (Sokkia SET 510, Nikon NPL 332)
- Processing data in Credo, AutoCad.