



## CURRICULUM VITAE

Name: **Jacques SCHOELLKOPF**  
Born: August, 28th 1949 - Bron (69) France  
Nationality: French

Occupation : **TECHNICAL DIRECTOR/ CHIEF SURVEYOR**  
**BRASILIAN PERMANENT VISA**

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Education Master of Sciences in Ocean Dynamics–National Museum of Natural History Paris,  
Master in Theoretical Physics – Paris VI University,  
Master Degrees in Oceanography, Geophysics, Statistics & Computer Sciences  
Bachelor of Sciences in Mathematics & Physics - Grenoble University,

Experience: **Expert in Positioning, Survey, ROV & AUV. 35 years Experience in Marine Operations, Advanced Technologies and Research & Development –**

1976-83 **C.G.DORIS / Offshore Division: Head of Oceanographic Systems Dept.**  
- Development of Advanced Systems for Sea-line CP inspection, operations supervision & control using VHF network, cartography and environmental data acquisition & processing software packages.

1983-1992 **KNOWLEDGE SYSTEMS/ S2O Group: Founder & Director**  
- Offshore Real-time Systems  
- Contract-based R&D.

1992-1993 **McDERMOTT - ETPM / Evaluation & Methods Division: Chief Engineer**  
- Method section Management  
- Organization and Knowledge Management

1993-2000 **S2O Consulting – MARINE & SUBSEA OPERATIONS - Director/ Consultant**  
-Marine Operations Consulting for Oil&Gas & Telecom.

2000-present **ADVANCED SUBSEA sas –DEEPWATER SURVEY CONSTRUCTION SUPPORT – President/ Founder** - deep water Survey, Positioning, AUV services in relation with Oil&Gas field development.

2003-present **ADVANCED SUBSEA Inc –DEEPWATER SURVEY– President**

2008-present **ADVANCED SUBSEA do Brasil Ltda –DEEPWATER SURVEY– Director**

Language: French - English - German - Portugese

Offshore Ops: West & South Africa, South America, Gulf of Mexico, North Sea, Russia.

Conferences: Numerous papers and contributions to Offshore Industry, Artificial Intelligence conferences.

## REFERENCES

### **CONTRACT MANAGEMENT**

- \* Management of Positioning, Survey & ROV Contracts for J-Lay DP III Vessel: SAIBOS FDS,; Specification of services, bidder list, tender technical & financial evaluation, subcontractors selection, contract management, Invoicing analysis, claim analysis... (SAIBOS 2001/ 2002)
- \* Management of Positioning, Survey & ROV Contracts for DLV CASTORO 8: Specification of services, bidder list, tender technical & financial evaluation, subcontractors selection, contract management, Invoicing analysis, claim analysis... (SAIBOS 1996/ 2002)
- \* Resident Project Manager for CPC-Marine Terminal Offshore Works: RUSSIA (BOS/SCO 2000)

### **SPECIFICATIONS & PROCEDURES**

- \* TOTAL E&P: Rewriting of Surface Positioning, Subsea Positioning & Survey General Specifications (TOTAL 2007)
- \* USAN: Rewriting of Surface Positioning, Subsea Positioning & Survey Specifications (TOTAL 2006)
- \* USAN: Redaction of Acoustic Frequency Management Specification (TOTAL 2006)
- \* DeepWater Acoustic Rig Positioning Method Development for Leiv Eriksson, Saipem 10K, Deepwater Discovery.
- \* AKPO Project Surveyor: Review of Survey procedures (TOTAL 2005)
- \* DALIA Project Surveyor: Review of Positioning, Survey and Metrology procedures (TOTAL 2005)
- \* DALIA- Review of LBL Array Deployment & Calibration procedures (TOTAL 2005)
- \* MOHO-BILONDO- Review of LBL Array Deployment & Calibration procedures (TOTAL 2005)
- \* ROSA- Review of LBL Array Deployment & Calibration procedures (TOTAL 2005)
- \* AMENAM AMP2 Review of Survey procedures (TOTAL 2005)
- \* YADANA W3 Review of Survey procedures (TOTAL 2005)
- \* DeepWater DALIA SURF Review of LBL work procedures (TOTAL 2004)
- \* DeepWater AKPO Review of Survey Positioning technical proposals (TOTAL 2004)
- \* DeepWater AKPO Drilling Review of technical proposals (TOTAL 2004)
- \* DeepWater MATTERHORN TLP LBL Pile Positioning Method Statement (TOTAL 2003)
- \* BESPS/ NC41 Subsea Metrology & Pile Installation Procedure (SAIPEM/DORIS 2003)
- \* OKPOHO Specifications & Positioning Procedures for Field Development (SAIPEM 2003)
- \* DeepWater CANYON EXPRESS Positioning Method Statement, DP & ROV interfacing specifications (SB 2001)
- \* DeepWater GIRASSOL Positioning Method Statement, DP & ROV interfacing specifications (SAIBOS 2001)
- \* DeepWater RONCADOR Tender: Positioning, Survey procedures & installation Method Statement (SAIBOS 2000)
- \* DeepWater BONGA Tender: Positioning, Survey procedures & installation Method Statement (SAIBOS 2000)
- \* AGIP FOUKANDA/ MWAFI Templates Acoustic Metrology using ROV (SAIBOS 2001)
- \* KOMBI procedure & installation by ROV of initiation hold back cable sling (-74m) (SAIBOS 98)
- \* AGIP KITINA Development & operation of a dedicated tool for trenching a dig on Jacket location (SAIBOS 97)
- \* AGIP KITINA Specifications & Procedures for 7000 T jacket docking (SAIBOS 97)
- \* MOBIL USARI Specifications & Positioning Procedures for installation of 2 jackets (SAIBOS 96)
- \* ELF N'KOSSA Specifications & Procedures for Positioning, Survey & ROV Support (COFLEXIP 96)
- \* MOBIL ZAFIRO Specification & Procedures for Positioning, Survey & ROV Support (COFLEXIP 96)

### **CONSTRUCTION SUPPORT & OPERATION SUPERVISION**

- \* DeepWater AKPO Project Surveyor – Coordination of Supervision team (TOTAL 2006-2010)
- \* DeepWater AKPO Project Surveyor – Supervision of AKPO FPSO Installation (TOTAL 2008)
- \* DeepWater MOHO Project Surveyor – Coordination of Supervision team (TOTAL 2007-2008)
- \* DeepWater MOHO Project Surveyor – Supervision of MOHO FPU Installation (TOTAL 2007)
- \* DeepWater AKPO follow-up of LBL deployment & Calibration (TOTAL 2006)
- \* DeepWater DALIA Project Surveyor – Coordination of Supervision team (TOTAL 2005-2007)
- \* DeepWater DALIA Project Surveyor – Supervision of DALIA FPSO Installation (TOTAL 2006)
- \* DeepWater ROSA follow-up of LBL deployment & Calibration (TOTAL 2005)
- \* Acoustic Rig Positioning in Deep water (TEPA- Total Congo) SAIPEM 10000, Leiv ERIKSSON,
- \* AMENAM AMP2 Jacket Installation (TOTAL EPNL 2005)
- \* YADANA W3 sealine and Jacket Installation (TOTAL Burmah 2005)
- \* DeepWater DALIA Supervision of LBL Array deployment & Calibration (TOTAL 2004)
- \* DeepWater MATTERHORN TLP Pile Installation (TOTAL 2003)



- \* BESPS/ NC41 Subsea Metrology & Pile Installation (SAIPEM/DORIS 2003)
- \* DeepWater CANYON EXPRESS Construction Support Vessel Management (SB 2001-2002)
- \* AGIP FOUKANDA/ MWAFI Templates Acoustic Metrology using ROV (SAIBOS 2001)
- \* KOMBI pipelay vessel construction support: Positioning, Survey & ROV Support (SAIBOS 99)
- \* ZAFIRO pipelay vessel construction support: Positioning, Survey & ROV Support (SAIBOS 99)
- \* MOBIL OSO 2Y2 - 3 jackets installation (SAIBOS 98)
- \* ZATCHI ZAF4 jacket installation (SAIBOS 98)
- \* TRANSCO USA pipelay vessel construction support: Positioning, Survey & ROV Support (SAIBOS 98)
- \* AGIP KITINA 7000T jacket docking operation (SAIBOS 97)
- \* AGIP KITINA pipelay vessel construction support (SB 97)
- \* AGIP KITINA Jacket Mudmat area cleaning (Agip Recherches Congo/SAIBOS 97)
- \* MOBIL USARI High accuracy jackets installation (SAIBOS 96)
- \* ELF N'KOSSA CSO Alliance Positioning, Survey & ROV Support (COFLEXIP 96)
- \* TEXPAN BAGRE B Survey & Subsea Inspection (SAIBOS 95)
- \* ARIANE 2 Telecom Post-lay burial operations - WROV(Alcatel 95)
- \* SEA-ME-WE 2 Telecom Post-lay burial operations - CRAWLER (Alcatel 94-95)
- \* MOBIL NIGERIA ROV CP survey of 330km of partly buried pipelines
- \* ZAKUM FIELD UAE Seabed survey and Subsea Coring (TOTAL-CFP 81)
- \* NINIAN CENTRAL PLATFORM Tow-out & installation (CG DORIS)
- \* GAROUPA-NAMORADO Well-heads relocation and marking (PETROBRAS 76-80)

### ***STUDIES & ORGANISATION***

- \* AKPO Acoustic Rig Positioning, Nasnet based Method Development for DW Discovery
- \* "Hybrid" Metrology Tool and Procedure Development (taut-wire, acoustic, Inertial)
- \* "Hybrid" ultra long range LBL positioning Methods for Deepwater Construction (2001-2002)
- \* Use of Underwater GPS for Deepwater Construction Support (2001)
- \* Hipap versus Sonardyne "big head" comparison study in deepwater (2001)
- \* SAIBOS FDS Installation Monitoring System (2000)
- \* CSO Alliance & Flexservice1 Installation Monitoring System (1996)
- \* Organisation of Knowledge Management/ Method Dpt (Mc Dermott-ETPM 1993)
- \* "IRM Expert" specifications IMR (Bureau Veritas DTO)
- \* "Marine Operation Advisor" specifications (Alcatel - Doris Engineering)
- \* Oceanographic study for KOLE field (ELF SEREPCA)
- \* Study for deployment of 5 semisub oceanographic buoys offshore Brazil (PETROBRAS)

### ***SOFTWARE & SYSTEMS ENGINEERING***

- \* CSO Alliance & Flexservice1 Installation Monitoring System (COFLEXIP)
- \* Maureen TSG weather & position monitoring system (Kishorn-C.G. Doris)
- \* IFA 2000 cable laying and trenching supervision system (EDF)
- \* Flexible pipe laying vessel supervision system FS III (COFLEXIP)
- \* Environmental data acquisition and processing systems MURUROA (CEA-DAM)
- \* ROV CP survey data acquisition & processing system NIGERIA (MOBIL OIL-DORIS/SECCO)

### ***ADVANCED PROJECTS***

- \* 3-D Ocean Zoom Model for Pre-salt area (2010-2011)
- \* AUV for Construction Support (2005-2010)
- \* AUV for Drilling Support (2007-2010)
- \* AUV for Metrology Services (2007-2008)
- \* MONA- Marine Operation Advisor Virtual reality applied to marine operations (CEP&M S2O-DORIS)
- \* IRM - EXPERT Expert system for IMR tasks(TOTAL-Bureau Veritas-S2O)
- \* NEMO – Real-time Expert System (CEP&M S2O-DORIS)