

ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 25/02/2018 to 27/04/2018
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): PETRONAS / SUBSEA EXPLORER SERVICES
 Dive Number(s): #36 (dive 01 to 36)
 Dive Location: OFF MALAYSIA KWABALU BARATI FIELD
 Support Vessel/Installation: MPSV BAHTERA AZALEA
 Position During Tour(s): ROV SENIOR PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HD
 Unit Number: 63

Total Time (this tour):

HRS	MINS
91	
HRS	MINS
440	
545	

Cumulative Pilot Hours (total):

TRENCH
FREE FLY

Type of Operation: PIPELINE AND RISERS INSPECTION

Sensors/Manipulators Used:

T4, RIGMASTER, TSS, LHO, BATHY, CP PROBE, PROFILERS, SONAR, SET BOOM CAMERA

Name of Supervisor in Charge (and Company):

BUENAVENTURA BLACH PODNT

Signature Verifier:

Date 27-04-18

Signature Project Manager:

Date

BAHTERA AZALEA
 FLAG : MALAYSIA
 IMO NO : 9485784
 CALL SIGN : 9WNL3
 GRT : 3052 NRT : 915



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME : LABBÉ Jean François DATE : 25 February 2018 To 27 April 2018
 PORT EMBARKED : Malaysia (Labuan) PORT DISEMBARKED : Malaysia (Miri)
 NAME OF VESSEL : Bahtera Azalea TYPE OF VESSEL : MPSV VESSEL
 ROLE : ROV Senior PILOT TYPE OF ROV : SCHILLING HD 63 PILOT HOURS : 91

DETAILS OF OPERATIONS

De-mobilization all system in Batam (Indonesia) from Bourbon Evolution 807
 Mobilization all system in Labuan (Malaysia) to Bahtera Azalea
 Sensors integration on the ROV (TSS, Profilers, CP Probe, Bathy and altimeter)
 Pipeline and Riser Inspection in Shallow water area

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Manceuvre LARS during launch and recovery phases
 Pilot and use T4, Rigmaster during operations
 Set up system; Power, Video, Comms, Audio for the operation
 Fabricate TSS Pipetracker, Profilers and Boom camera frame
 Fault Finding on CP Probe
 Planned Maintenance
 Pre / Post dive checks
 Housekeeping

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)

Buenaventura Blach Blach

BOURBON OFFSHORE DNT
 Bourbon HD63 ROV
 Superintendent
 Via Vittorio Emanuele Orlando, 2
 48123 Ravenna
 VAT n. 02 085 700 397

VESSEL STAMP

BAHTERA AZALEA
 FLAG : MALAYSIA
 IMO NO : 9485784
 CALL SIGN : 9WNL3
 GRT : 3052 NRT : 915

ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 08/06/2018 to 27/07/2018
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): CLASSIFIED
 Dive Number(s): #44 (dive 01 to 44)
 Dive Location: CLASSIFIED
 Support Vessel/Installation: MPSV BOURBON EMERALD
 Position During Tour(s): ROV PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HA
 Unit Number: 01

Total Time (this tour):

HRS	MIN
80	
HRS	MIN
440	

Cumulative Pilot Hours (total):

625

TRENCH

FREE-FLY

Type of Operation: CLASSIFIED

Sensors/Manipulators Used: T4, RIGMASTER, GRADIOMETER, SVP

SIDE SCAN SONAR, SUB BOTTOM PROFILES, MULTI-BEAM, MUX MK2, BATHY, ZIP

PWT

Name of Supervisor in Charge (and Company):

BUENAVENTURA BLACH BODNT

Signature Verifier: Date

Signature Project Manager: Date

CHARY O.

O.M. G. Piccin



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBÉ Jean François DATE: 8 June 2018 To 27 July 2018
 PORT EMBARKED: Spain (Vigo) PORT DISEMBARKED: Italy (Cagliari)
 NAME OF VESSEL: Bourbon Emerald TYPE OF VESSEL: MPSV VESSEL
 ROLE: ROV PILOT TYPE OF ROV: SCHILLING HD 01 PILOT HOURS: 80

DETAILS OF OPERATIONS

Mobilization all systems

Sensors integration on the ROV (Gradiometer, Multiplexer MK2, Side Scan Sonar, Sub Bottom Profiler, Multi-Beam, Zip Pump, SVP)

Classified Operations

Cold stack all systems

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Manceuvre LARS during launch and recovery phases

Pilot and use T4, Rigmaster during operations

Set up system: Power, Video, Comms/Datas for the operation

Fabricate SideScanSonar, Sub Bottom Profiler, Multi-Beam frames

Change out Directional Control Valve on LARS

Fiber retermination at Winch Static J-Box

Set up CV equipment

Change out Valve Pack PCB

Troubleshooting on Winch counter speed and pay out and LevelWind sensor

Change out Speed sensors

Change out TMS Slip ring

Fault Finding on CP Probe

Planned Maintenance

Coldstack

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)

Buenaventura Blach Blach

Bourbon Offshore CNT
Via V. E. Orlando, 2
48123 Ravenna
Partita IVA 02085700397

VESSEL STAMP



ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 10/09/2018 to 30/09/2018
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): RELIANCE
 Dive Number(s): #26 (dive 323 to 349)
 Dive Location: OFF INDIA KGDG Field
 Support Vessel/Installation: M.S.V. BOURBON HELENE
 Position During Tour(s): ROV PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HD
 Unit Number: 73

HRS	MINS
8	
HRS	MINS
440	

Cumulative Pilot Hours (total): 633 TRENCHER FREE FLY

Type of Operation: SKOFLO and SCM REPLACEMENT;
 SURVEY; SEAL AND LEAK TEST; FLUSHING LINE.

Sensors/Manipulators Used:

RIGMASTER; T4; DYNASET; WATERJET; PADDLE; BATHY; SVP; 4 PORTS HOT STAB
 FLOT; HHTT

Name of Supervisor in Charge (and Company): BUENAVENTURA BLACH (BODNT)

Signature Verifier: S. L. T. Date: 30 Sept 2018

Signature Project Manager: K. Gemmell Date: 30/09/18

ROV SUPERVISOR



K. Gemmell



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBÉ Jean François DATE: 10 September 2018 To 30 September 2018
 PORT EMBARKED: India (Kakinada) PORT DISEMBARKED: India (Kakinada)
 NAME OF VESSEL: Bourbon Helene TYPE OF VESSEL: MPSV VESSEL
 ROLE: ROV PILOT TYPE OF ROV: SCHILLING HD 73 PILOT HOURS: 8

DETAILS OF OPERATIONS

Install Tools on ROV according Operations; FLOT, 4 Ports and Single Hot Stab, HHTT, CP Probe, Paddle Tool

SKOFLO and SCM Replacement, Flushing Line, Survey, Leak and Seal Test

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Manceuvre LARS during launch and recovery phases

Pilot and use T4, Rigmaster during operations

Fabricate FLOT Tool Interface

Planned Maintenance

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)

Buenaventura Blach Blach

[Signature]



30. Sept 2018

ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 22/10/18 to 04/12/18
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): TOTAL / SAIPEM
 Dive Number(s): # 43 (dive 14 to 57)
 Dive Location: OFF NIGERIA EGINA FIELD
 Support Vessel/Installation: MPSV BOURBON EVOLUTION 801
 Position During Tour(s): ROV SENIOR PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HD
 Unit Number: 68

Total Time (this tour):

HRS	MINS
55	
HRS	MINS
440	

Cumulative Pilot Hours (total):

688

TRENCH
FREE FLY

Type of Operation: INSTALLATION MAINTENANCE REPAIR
 EFL/OFL RELOCATION; VALVES OPERATIONS
 PLR INSTALLATION; COMMISSIONING; COMPACT RECOVERY
 DIAGNOSTIC TOOLS INSTALLATION
 Sensors/Manipulators Used:

T4 RIGNASTER; DWP; ZIP PUMP; GL HOT STAB; TORQUE TOOL CLASS 4;
 JUPITER ROV; CTD; SUP

Name of Supervisor in Charge (and Company):

Buenaventura Blach Blach

ROV Superintendent

Bourbon Offshore DNT

Signature Verifier:

Signature Project Manager:

Date

Date



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBÉ Jean François DATE: 22 October 2018 To 04 December 2018
 PORT EMBARKED: Douala (Cameroun) PORT DISEMBARKED: Douala (Cameroun)
 NAME OF VESSEL: Bourbon Evolution 801 TYPE OF VESSEL: MPSV
 ROLE: ROV PILOT TYPE OF ROV: SCHILLING HD 68 PILOT HOURS: 55

DETAILS OF OPERATIONS

Commissioning on Egina Field
 EFL OFL Relocation, Valves operations, Compact recovery, PLR installation,
 Diagnostic Tool Installation
 Planned maintenance on all the system (Dynacon LARS and Schilling TMS/ROV)

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Change out Zip Pump
 Change out Right and Left Client computer
 Change out PSA Junction Box
 Change out PCB Transducer on Torque Tool
 T4 fault finding
 Node fault finding
 Configure ROV for operations; Torque Tool, Hot Stab, RCU
 Planned Maintenance
 Pre / Post dive checks
 Inventory
 Housekeeping

NAME OF SUPERVISOR or (and) SUPERINTENDENT (COMPANY and DETAILS)

Buenaventura Blach Blach
 ROV Superintendent
 Bourbon Offshore DNT



ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 24/01/19 to 12/02/19
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): TOTAL
 Dive Number(s): # 9 (dive 44 to 53)
 Dive Location: OFF ANGOLA BLOCKS 17 AND 32
 Support Vessel/Installation: MPSV BOURBON EVOLUTION 802
 Position During Tour(s): ROV SENIOR PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: U.H.D.
 Unit Number: 37

Total Time (this tour):

HRS	MINS
21	
HRS	MINS
440	

Cumulative Pilot Hours (total):

709

TRENCH
FREE FLY

Type of Operation: INSTALLATION MAINTENANCE REPAIR
 LAOT CHANGE OUT; FCM CHANGE OUT;
 COMMISSIONING; EFL RELOCATION; SURVEY

Sensors/Manipulators Used:

T4; RIGMASTER; DWP; ZIP PUMP; RCU; OCTANS 3000; HOT STAB

Name of Supervisor in Charge (and Company):

DARKO POROPAT (BOURBON)

Signature Verifier:

Date:

Signature Project Manager:

Date:



ROV Personnel Logbook

Part 5 – Record of Work Experience



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME : LABBÉ Jean François DATE : 24 January 2019 To 12 February 2019
 PORT EMBARKED : Angola (Luanda) PORT DISEMBARKED : Angola (Luanda)
 NAME OF VESSEL : Bourbon Evolution 802 TYPE OF VESSEL : MPSV VESSEL
 ROLE : ROV Senior PILOT TYPE OF ROV : SCHILLING UH 37 PILOT HOURS : 21

DETAILS OF OPERATIONS

IMR Ops on Blocks 17 and 32 for TEPA; LAOT change out, Survey, FCM Change out, EFL relocation
 Planned maintenance on all the system (Dynacon LARS and Schilling TMS/ROV)
 Inventory

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Aux Pump and HPU Motor change out
 Troubleshooting on LARS Cylinders
 Test spares cylinders for internal leaks and Counterbalance Valves
 Prepare System for Cold Slack
 Manoeuvre LARS during launch and recovery phases
 Pilot during operations
 Repair Seacat cables in quarantine box
 Planned Maintenance
 Pre / Post dive checks
 Inventory

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)

DARKO POROPAT (SPV) TUP



ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 04/04/2019 to 31/05/2019
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): RELIANCE
 Dive Number(s): #100 (dive 521 to 621)
 Dive Location: OFF INDA KGDG Field
 Support Vessel/Installation: M.S.V. BOURBON HELENE
 Position During Tour(s): ROV PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HD
 Unit Number: 73

Total Time (this tour):

HRS	MINS
31	
HRS	MINS
440	

Cumulative Pilot Hours (total):

860

TRENCH
FREE FLY

Type of Operation: INSTALLATION MAINTENANCE REPAIR
 VALVES OPS; MARINE ENVIRONMENTAL SAMPLING; RISERS
 SCUT CHANGE OUT

Sensors/Manipulators Used:

Letter; T4; RIGMASTER; 4 PORTS HOT STAB; HHTT; RCU; BATHY; CAMIBLASTIC

Name of Supervisor in Charge (and Company):

Colin MacLennan

Kris Gemmell

Signature of Project Manager

Date 31-5-19

Date 31/5/19

BOURBON HELENE
 FLAG: PANAMA
 IMO NO : 9331323
 OFFICIAL NO : 49221-17-A
 CALL SIGN : 3FQA4
 GRT : 2535 NRT : 1163



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME : LABBÉ Jean François DATE : 04 April 2019 To 31 May 2019
 PORT EMBARKED : India (Kakinada) PORT DISEMBARKED : India (Kakinada)
 NAME OF VESSEL : Bourbon Helene TYPE OF VESSEL : MPSV VESSEL
 ROLE : ROVPILOT TYPE OF ROV : SCHILLING HD73 PILOT HOURS :31

DETAILS OF OPERATIONS

Installation Maintenance Repair jobs

SCM Replacement Campaign, Marine Environmental Sampling, Risers Survey

Install Tools on ROV according Operations; 4 Ports Hot Stab, HHTT, Water Sample Bottles and Mud Scupper

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Manceuvre LARS during launch and recovery phases on High current conditions

Tether retermination

Issues on T4; T4 Wrist cam, Elbow resolver, Main PCB, Elbow Vane seal

Issue on TMS Latch; PSA out of service and magnet

Change out TMS Drum chain; Elongation out of range

Configure ROV for operations

Operate RCU during SCM replacement and Valves operations

Fabricate a special tool to service compensator offshore

Fabricate Scuppers for Mud sample operations

Planned Maintenance

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)

Colin MacLennan
 ROV SRPV B HELENE

VESSEL STAMP
 FLAG: PANAMA
 IMO NO : 9331323
 OFFICIAL NO : 49221-17-A
 CALL SIGN : 3FQA4
 GRT : 2535 NRT : 1163

Call 1123064511.com

ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 26/06/2019 to 04/08/2019
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): CNR INTERNATIONAL
 Dive Number(s): #37 (dive 1 to 37)
 Dive Location: OFF. IVORY COAST... BARBAG. FIELD
 Support Vessel/Installation: MPSV BOURBON EVOLUTION 802
 Position During Tour(s): ROV SENIOR PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: UHD
 Unit Number: 37

Total Time (this tour):

HRS
52
HRS
440
792

MINS
MINS

TRENCHER
FREE FLY

Type of Operation: INSTALLATION... MAINTENANCE REPAIR
 PLATFORM INSPECTION; RISERS SURVEY; CUT MOORING CHAIN;
 SCM CHANGE OUT

Sensors/Manipulators Used:

T4; RIGMASTER; CA; RCU; HHTT; DWP; MANIPULATOR CUT SAW

Name of Supervisor in Charge (and Company):

Buenaventura Blach Blach
 ROV Superintendent
 Bourbon Offshore DNT

Signature Verifier:  Date: 04-08-2019
 Signature Project Manager:  Date:
 BOURBON OFFSHORE DNT
 Via Vittorio Emanuele Orlando
 48123 Ravenna
 VAT n° 02 085 700 397



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME : LABBÉ Jean François DATE : 26 June 2019 To 04 August 2019
 PORT EMBARKED : Ivory Coast (Abidjan) PORT DISEMBARKED : Ivory Coast (Abidjan)
 NAME OF VESSEL : Bourbon Evolution 802 TYPE OF VESSEL : MPSV VESSEL
 ROLE : ROV Senior PILOT TYPE OF ROV : SCHILLING UHD37 PILOT HOURS : 52

DETAILS OF OPERATIONS

Installation Maintenance Repair jobs
 Platforms Inspection, Risers Survey, SCM Change Out, Cutting Mooring chain
 Install Tools on ROV according Operations; HHTT, RCU, CP Probe, Manip. saw fitted on Rigmaster
 Planned Maintenance on UHD37 and system upgrade.
 Preparative works for Winch change out, UHD57

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Manceuvre LARS during launch and recovery phases
 Spool in new Tether 485m
 Tether retermination
 Set up Aux Pump pressure
 Change out Erect and Luff Cylinders on UHD57 DYNACON LARS System
 Set up TMS levelWind timing
 Troubleshoot on Fibers path; Reterminate Fibers and change out ceramics
 Troubleshoot on Winch Slip ring; Change out Fibers, Megger Test conductors
 Prepare to Change out UHD 57 Winch; OTDR, Megger Test performed and Wired Stationary JB
 Rewired Rotary JB on UHD37
 Change out Surface Nodes and ROV Subsea node to upgrade Firmware version to enable RSTP
 Configure ROV for operations
 Fabricate a clamp to improve continuity anodes on Riser flange @ West Platform Espoir Field
 Planned Maintenance

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)



Buenaventura Blach Blach
 ROV Superintendent
 Bourbon Offshore DNT



VESSEL STAMP
 BOURBON OFFSHORE DNT
 Bourbon 802 ROV Superintendent
 Via Vittorio Emanuele Orlando, 2
 48123 Ravenna
 VAT n° 02 085 700 397

ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 02/09/2019 to 09/10/2019
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): CNR INTERNATIONAL
 Dive Number(s): #3 (dive 001 to 003)
 Dive Location: Off Ivory Coast BARBAG FIELD
 Support Vessel/Installation: MPSV BOURBON EVOLUTION 802
 Position During Tour(s): ROV SENIOR PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: UHA
 Unit Number: 37 and 57

Total Time (this tour):

HRS
6

MINS

Cumulative Pilot Hours (total):

HRS
440

MINS

TRENCH
FREE FLY

Type of Operation: VALVES OPERATION

Sensors/Manipulators Used:

T4; RIGMASTER; RCU and HHTT; AWP

Name of Supervisor in Charge (and Company):

B. BUENAVENTURA BLACH

Signature Verifier:

Signature Project Manager: BOURBON OFFSHORE DNT

ROV Superintendent

Via Vittorio Emanuele Orlando, 2

48123 Ravenna

VAT n° 02 085 700 397



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME : LABBÉ Jean François DATE : 2 September 2019 To 9 October 2019
 PORT EMBARKED : Ivory Coast (Abidjan) PORT DISEMBARKED : Ivory Coast (Abidjan)
 NAME OF VESSEL : Bourbon Evolution 802 TYPE OF VESSEL : MPSV VESSEL
 ROLE : ROV Senior PILOT TYPE OF ROV : SCHILLING UHD37 / 57 PILOT HOURS : 6

DETAILS OF OPERATIONS

Installation Maintenance Repair jobs

Valves operations

Planned Maintenance on UHD37 and UHD 57

Setup Spares System computers for 37 and 57

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Manceuvre LARS during launch and recovery phases

Spool out /in new Tether 320m

Tether retermination

Setup Spares System Computers

Change 57 Winch Zone mode to Non Zone mode, Loadcell, counter and LevelWind

Troubleshoot on Fibers path; Reterminate Fibers and change out ceramics

Latch sensors change out in both TMS

Change out hydraulic hoses in TMS

Change out compensators

Inventory and re-organize spares locations

Fabricate support to have Water Detect sensor removable in ROV/TMS IPA on both systems

Configure ROV for operations

Planned Maintenance

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)

Buenaventura Blach Blach
ROV Superintendent
Bourbon Offshore DNT



ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 09/11/2019 to 18/11/2019
 Name of Contractor: BOURBON OFFSHORE DNT
 Client Name(s): NEXT GEOSOLUTIONS
 Dive Number(s): #6 (Dive 01 to 06)
 Dive Location: OFF ITALY... NAPOLI/CAPRI ISLAND
 Support Vessel/Installation: MRSV... LEVELI... IVORY
 Position During Tour(s): ROV PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HD
 Unit Number: 01 and 09

Total Time (this tour):

HRS
6
HRS
440
804

MINS
MINS

TRENCH
FREE FLY

Type of Operation: MATTRESS... INSTALLATION
 CLEARANCE OF... CORRIDOR... BEFORE... PIPELINE... INSTALLATION

Sensors/Manipulators Used:

MULTIBEAM... SIDE SCAN... SONAR... ROV... PHUN... SWS... SVP... CUTTER

Name of Supervisor in Charge (and company):

Buenaventura Blach Blach
 ROV Superintendent
 Bourbon Offshore DNT

Signature Verifier:

Date:

Signature Project Manager:

Date:



ROV Personnel Logbook

Part 5 – Record of Work Experience



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME : LABBÉ Jean François DATE : 9 November 2019 To 18 November 2019
 PORT EMBARKED : Italy (Naples) PORT DISEMBARKED : Italy (Naples)
 NAME OF VESSEL : leveli Ivory TYPE OF VESSEL : MPSV VESSEL
 ROLE : ROV PILOT TYPE OF ROV : SCHILLING HD01 / 09 PILOT HOURS : 6

DETAILS OF OPERATIONS

Test systems after Mob

Route Clearance before pipeline installation, debris removal, cables and wires cut

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Manceuvre LARS during launch and recovery phases

Main lift retermination

Troubleshoot on Fibers path; Reterminate Fibers and change out ceramics

Troubleshoot on Dynacon Winch Levelwind; Power supply, PCB and sensor faulty

Disassembly Levelwind assembly to clean, unbent and upgrade

Change out compensators

NAME OF SUPERVISOR or (and) SUPERINTENDANT (COMPANY and DETAILS)

Buenaventura Blach Blach
 ROV Superintendent
 Bourbon Offshore DNT



ROV Personnel Logbook

Part 5 – Record of Work Experience

Note: Use one page per tour of duty unless a separate dive record is required

Tour Date/Date of Dive: 10/12/2019 to 26/01/2020
 Name of Contractor: BOURBON SUBSEA SERVICES
 Client Name(s): MC DERMOTT
 Dive Number(s): #27 (Dive 01 to 27)
 Dive Location: OFF INDIAN KGD Field
 Support Vessel/Installation: MPSV BOURBON SURF ALLAMANDA
 Position During Tour(s): ROV SENIOR PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HD
 Unit Number: 68

Total Time (this tour):

HRS
52
HRS
440
856

MINS
MINS

TRENCH
FREE FLY

Type of Operation: KGD Field Commissioning
 MUDMAT INSTALLATION; LBL ARRAY; SURVEY
 PRELAY

Sensors/Manipulators Used:

ZIPJET, DOCKING PROBE, GEMINI, TSS, BATHY, BOOM CAMS, 75MM CUTTER, SVX

Name of Supervisor in Charge (and Company):

BUENAVENTURA BLACH

Signature Verifier:

Buenaventura Blach Blach

Signature Project Manager:

ROV Superintendent

Bourbon Offshore DNT

Date 26-01-20

Date

IMR SURF ALLAMANDA
 POR : JAKARTA
 CALL SIGN : YBKL2
 IMO No. : 9639866
 GT. 6,146T / NT. 1,843T



BOURBON OFFSHORE
DNT

LOGBOOK SUBSEA EQUIPMENT

NAME : LABBÉ Jean François DATE : 10 December 2019 To 27 January 2020
 PORT EMBARKED : Indonesia (Batam) PORT DISEMBARKED : India (Kakinada)
 NAME OF VESSEL : Bourbon Surf Allamanda TYPE OF VESSEL : MPSV VESSEL
 ROLE : ROV Senior PILOT TYPE OF ROV : SCHILLING HD68 PILOT HOURS : 52

DETAILS OF OPERATIONS

Mob and preparing system for the new project

KGD Field Commissioning

Mudmats Installation, LBL array, Pre Lay Survey

Planned Maintenance

DETAILS OF ENGINEERING FUNCTIONS PERFORMED

Fabricate brackets for all the sensors; TSS, Boom cameras, Profilers, Docking Probes, DVL, Zip jet
 Install and configure sensors on the ROV
 Fly ROV during operations and high current conditions
 Manoeuvre LARS during launch and recovery phases with High current conditions
 Issue on Levelwind motor and gearbox; replace shaft seal, fabricate circlips and washer to hold pressure
 Troubleshoot Main HPU unstable pressure; Change out Control Valve and Pressure Transducer
 Troubleshoot Low insulation 26V, 120V and 240V; Change out VFD power cable, lights and power cables, faulty modules
 Troubleshoot erratic movement on T4; water ingress
 Troubleshoot Trigger signal from the Bridge console to the beacon
 Troubleshoot PDU PLC; Change out Analog Input PLC module
 Fixed Hydraulics leak; Winch brake and motor
 Change out Pressure relief valve on T4
 Setup and install fresh image on Faulty System Computers
 Planned Maintenance on the full system

NAME OF SUPERVISOR or (and) SUPERINTENDENT (COMPANY and DETAILS)

B. BLACH

Buenaventura Blach Blach
 ROV Superintendent
 Bourbon Offshore DNT

IMR SURF VESSEL STAMP
 POR : JAKARTA
 CALL SIGN : YBKL2
 IMO No. : 9639866
 GT. 6,146T / NT. 1,843T