

IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 11/10/2010 - 05/11/2010
 Name of Contractor: ALDA Marine
 Client Name(s): TPC
 Dive Number(s): 1 to 9
 Dive Location: South Taiwan
 Support Vessel/Installation: LODBROG
 Position During Tour(s): Trainee
 Type of ROVs: Manufacturer: LD Travocean
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs	Mins
100	—
Hrs	Mins
100	

Cumulative Pilot Hours (total):

Type of Operation:

Power cable Post Lay Inspection and Burial

Sensors/Manipulators used:

TSS 350, Profilers

Name of Supervisor in Charge (and Company):

G. Ross-Kent ross_kent@msn.com

Signature Verifier:

Date: 05-11-2010

Signature Project Manager:

Date:

ALDA

marine



Louis Dreyfus
ARMATEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBÉ JEAN-FRANÇOIS DATE FROM 08.10.2010 TO 08.12.2010
 PORT EMBARKED: KEELUNG (TAIWAN) PORT DISEMBARKED: KEELUNG (TAIWAN)
 NAME OF VESSEL: LODBROG TYPE OF VESSEL: CABLE VESSEL
 ROLE: ROV TRAINEE TYPE OF ROV: ROV JET 401 PILOT HOURS: 100

DETAILS OF OPERATIONS

Power cable PLIB project
 Routine maintenance in accordance with the ANOS system

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (if needed additional information provided on separate sheets)

Daily pre dive check.
 Winch operator during launch and recovery phases.
 Inventories.
 Routine maintenance on the LARS and the vehicle.

SIGNATURE

PRINT NAME G. ROSS-KENT

VESSEL STAMP



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 02/04/2011
 Name of Contractor: ALDA MARINE
 Client Name(s): ALDA MARINE
 Dive Number(s): 1
 Dive Location: KAGOSHIMA (JAPAN)
 Support Vessel/Installation: LOBBROG
 Position During Tour(s): ROV PILOT
 Type of ROVs: Manufacturer: VIDEO RAY
 Model: VIDEO RAY PRO 4
 Unit Number:

Total Time (this tour):

Hrs	Mins
10	

 Cumulative Pilot Hours (total):

Hrs	Mins
110	

 TRENCH

Type of Operation:
 Hull inspection and trial

Tools/Manipulators used:

Name of Supervisor in Charge (and Company):

G. Ross - Kent ross_kent@msn.com

Signature of Pilot:

G. Ross - Kent

Date: 02-04-2011

Signature of Project Manager:

R. D. [Signature]

Date:

ALDA

marine



Louis Dreyfus
ARMATEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBE JEAN-FRANÇOIS DATE FROM 08.02.2011 TO 07.05.2011
 PORT EMBARKED: KEELUNG (TAIWAN) PORT DISEMBARKED YOKOHAMA (JAPAN)
 NAME OF VESSEL: LOBBROG TYPE OF VESSEL CABLE VESSEL
 ROLE: ROV PILOT TYPE OF ROV: ROV JET 401 PILOT HOURS: -
 VIDEO RAY PRO 4 10 hrs

DETAILS OF OPERATIONS

Cable maintenance operations on the APMNS agreement
 Routine maintenance
 Hull inspection and trials with the VIDEO RAY PRO 4

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

Daily pre dive check.
 Weekly wet test.
 Update ROV and Winch electrical drawings.
 Inventories.
 Routine maintenance on the ROV and LARS.

SIGNATURE

G. Ross - Kent

PRINT NAME

G. Ross - Kent

VESSEL STAMP



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 26/08/2011 - 03/09/2011
 Name of Contractor: ALDA Marine
 Client Name(s): PACNET
 Dive Number(s): 1, 2, 3
 Dive Location: South China C2C Seg 7 rpl 5 replacement
 Support Vessel/Installation: LODBROG
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: LD Travocean
 Model: Rov JET 400
 Unit Number: Rov JET 401

Total Time (this tour):

Hrs	Mins
15	—
Hrs	Mins
125	

Cumulative Pilot Hours (total):

Hrs	Mins
—	
Hrs	Mins

TRENCH

Type of Operation:

Post Repair Inspection and Burial

Sensors/Manipulators used:

TSS 350

Name of Supervisor in Charge (and Company):

Jean Lauretti (LODA)

Signature: Jean Lauretti

Date:

Signature: Project Manager: P. D. [Signature]

Date:



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 11/10/2011
 Name of Contractor: ALDA MARINE
 Client Name(s): ALDA MARINE
 Dive Number(s): 1
 Dive Location: KEELUNG TAIWAN
 Support Vessel/Installation: LODBROG
 Position During Tour(s): ROV PILOT
 Type of ROVs: Manufacturer: VIDEO RAY
 Model: VIDEO RAY PRO 4
 Unit Number:

Total Time (this tour):

Hrs	Mins
2	
Hrs	Mins
127	

Cumulative Pilot Hours (total):

Hrs	Mins
Hrs	Mins

TRENCH

Type of Operation:

Inspect Propellers and Thrusters

Sensors/Manipulators used:

Name of Supervisor in Charge (and Company):

J. Lauretti (LODA)

Signature: J. Lauretti

Date:

11/10/11

Signature: Project Manager: [Signature]

Date:



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 30/10/2011 - 03/11/2011
 Name of Contractor: ALDA Marine
 Client Name(s): PACNET
 Dive Number(s): 1, 2, 3, 4
 Dive Location: Shanghai FEA P3 Rep 74
 Support Vessel/Installation: LODBROG
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: LD Travecean
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs	Mins
16	-
Hrs	Mins
141	

Cumulative Pilot Hours (total):

Type of Operation:

Post Repair Inspection and Burial

Sensors/Manipulators used:

TSS 440

Name of Supervisor in Charge (and Company):

C. Ross-Kent

ross.kent@msn.com

Signature Verifier:

Date: 03-11-2011

Signature Project Manager:

Date:



ALDA
marine



Louis Dreyfus
ARMATEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBE JEAN-FRANÇOIS DATE FROM 25.08.2011 TO 07.11.2011
 PORT EMBARKED: SINGAPORE PORT DISEMBARKED: KAGOSHIMA (JAPAN)
 NAME OF VESSEL: LODBROG TYPE OF VESSEL: CABLE VESSEL
 ROLE: ROV PILOT TYPE OF ROV: ROV JET 401 PILOT HOURS: 31 hrs
VIDEO RAY PRO 4 2 hrs

DETAILS OF OPERATIONS

Cable maintenance operations on the APMIS agreement
Hull inspection alongside with the VIDEO RAY PRO 4

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

Daily pre dive check
Two retermination on umbilical
Winch faults finding
Winch operator during launch and recovery phases

SIGNATURE

PRINT NAME

Laurentti

LAURETTI

VESSEL STAMP



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 15/01/2012 - 15/03/2012
 Name of Contractor: ALDA MARINE
 Client Name(s): ALDA MARINE
 Dive Number(s): 1; 2; 3; 4
 Dive Location: Off Bordeaux
 Support Vessel/Installation: Ile d'Aix
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: Perry Slingsby
 Model: ST 200
 Unit Number: ST 206

Total Time (this tour):

Hrs	Mins
10	1
Hrs	Mins
151	

 Cumulative Pilot Hours (total): 151 TRENCHER

Type of Operation:
 ROV and LARS Mobilization
 ROV trials in shallow water - freely and jelling.

Tools/Manipulators used:
 TSS 440 JF Orion manipulator.

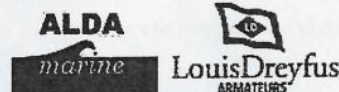
Name of Supervisor in Charge (and Company):

GRAEME HOYLE
 ST 206 ROV SUPERINTENDENT

Signature: Project Manager:

Date:

Date:



LOGBOOK SUBSEA EQUIPMENT

NAME: LABBE JEAN-FRANÇOIS DATE FROM 15 January 2012 TO 15 March 2012
 PORT EMBARKED: SANTANDER (SPAIN) PORT DISEMBARKED ALGECIRAS (SPAIN)
 NAME OF VESSEL: ILE D'AIX TYPE OF VESSEL CABLE SHIP
 ROLE: ROV PILOT TYPE OF ROV: ST206 PILOT HOURS: 10

DETAILS OF OPERATIONS

ROV and LARS Mobilization
 ROV trials in shallow water - freely and jelling.

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

- Re-termination of lift umbilical with megger & OTDR Test.
- Daily pre dive check.
- Repair some parts of the buoyancy damaged.
- Removal and Installation of six hydraulics manifolds (used for Thrusters and all actuators).
- Installation of TSS systems, 350 and 440, on the vehicle and manufacturing of their frame.
- Cable fault finding on sonar and beacon trigger.
- Winch & Frame operator during launch and recovery phases.
- Changed many hydraulics hoses on the LARS and the vehicle.

SIGNATURE

PRINT NAME Graeme HOYLE

ST 206 ROV SUPERINTENDENT



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 26/05/2012 - 24/07/2012
 Name of Contractor: ALDA Marine
 Client Name(s): CSN Phase 1
 Dive Number(s): 1 to 10
 Dive Location: Thailand Platforms BELQ - SALQ - TAWA - PLLQ2 - NPCPP - ERLQ2 - FULQ - PACPP
 Support Vessel/Installation: LONBROG
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: LD Traxcean
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs	90	Mins	✓
Hrs	241	Mins	

 Cumulative Pilot Hours (total): TRENCHER

Type of Operation:
 Post lay Inspection and Burial

Sensors/Manipulators used:

TSS 440

Name of Supervisor in Charge (and Company):

Jean Lauretti (CSN)

Signature: Verifier

Date:

Signature: Project Manager

Date:

IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 26/05/2012 - 23/07/2012
 Name of Contractor: ALDA Marine
 Client Name(s): CSN Phase 1
 Dive Number(s): 1 to 15
 Dive Location: Thailand Platforms BELQ - SALQ - TAWA - PLLQ2 - NPCPP - ERLQ2 - FULQ - PACPP
 Support Vessel/Installation: LONBROG
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: Ocean modules
 Model: V8 STI
 Unit Number:

Total Time (this tour):

Hrs	25	Mins	✓
Hrs	241	Mins	
Hrs	25	Mins	

 Cumulative Pilot Hours (total): TRENCHER
 FREE FLY

Type of Operation:

Cable pulling into J-Tube until bend restrictor

Removed messenger caught on platforms

Touch Down Monitoring

Sensors/Manipulators used:

Grip manipulator

Name of Supervisor in Charge (and Company):

Jean Lauretti (CSN)

Signature: Verifier

Date:

Signature: Project Manager

Date:

ALDA

marine

Louis Dreyfus
ARMA TEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBE JEAN-FRANÇOIS DATE FROM 25.05.2012 TO 28.07.2012
 PORT EMBARKED: SINGAPORE PORT DISEMBARKED: KEELUNG (TAIWAN)
 NAME OF VESSEL: LODBROG TYPE OF VESSEL: CABLE VESSEL
 ROLE: ROV PILOT TYPE OF ROV: V8 SII PILOT HOURS: 25 hrs
 ROV JET 401 90 hrs

DETAILS OF OPERATIONS

V8 Cable pulling into L-Tube
 Touch Down Monitoring
 Removed messenger caught on platform's structure.
 RJ 401 PLIB

oil and gas project
 CAT Chevron

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

Pre and Post dive check on both vehicles.
 During V8 operations, Pilot or Winch operator for launch and recovery phases
 During RJ 401 operations, Pilot or crane operator for launch and recovery phases
 7F orion manipulator faults finding
 Change HPU+motor assy. Rofit internal electrical connections on the
 motor changed and bearings.

SIGNATURE

PRINT NAME

LAURETTI

VESSEL STAMP

IMCA ROV Personnel Logbook
Record of Work Experience

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

Tour Date/Date of Dive: 06/10/2012 - 27/11/2012
 Name of Contractor: ALDA MARINE
 Client Name(s): CSN Phase 2
 Dive Number(s): 1 to 32
 Dive Location: Gulf of Thailand
 Support Vessel/Installation: LODBROG
 Position During Tour(s): PILOT TECH
 Type of ROVs: Manufacturer: LD TRAVELCAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs
90
Hrs
331
25

Mins
Mins

Cumulative Pilot Hours (total):

Type of Operation:

Branching Units burial Pipe inspection
 PLIB, PRIB, Cable clamped

Sensors/Manipulators used:

TSS 350; TSS 440; 7F orion manipulator; 2F manipulator

Name of Supervisor in Charge (and Company):

Jean LAURETTI (ALDA) jlauretti@free.fr

Signature Verifier:

Date:

Signature Project Manager:

Date:

ALDA



marine

LouisDreyfus
AMATEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBÉ JEAN-FRANÇOIS DATE FROM 03.10.2012 TO 29.11.2012
 PORT EMBARKED: SONGKHLA (THAILAND) PORT DISEMBARKED LAEN CHABANG (THAILAND)
 NAME OF VESSEL: LOBBROG TYPE OF VESSEL: CABLE VESSEL
 ROLE: ROV PILOT TYPE OF ROV: ROV JET 401 PILOT HOURS: 90

DETAILS OF OPERATIONS

Oil and Gas project CAT Chevron Submarine Network
 Branching Units burial
 Pipe inspection
 Cable damped
 PLIB
 PRIB

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (if needed additional information provided on separate sheets)

TSS pods fault finding
 Daily pre dive check
 Crane operator or Pilot during launch and recovery phases
 Investigation on 7F orion manipulator
 Investigation on crane remote control

SIGNATURE

PRINT NAME

LABB  J.

VESSEL STAMP

IMCA ROV Personnel Logbook
Record of Work Experience

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

Tour Date/Date of Dive: 02/02/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01
 Dive Location: SHANGAI: FEA Seg P3 Repair 80
 Support Vessel/Installation: LOBBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LD TRAVOCEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs	Mins
10	
Hrs	Mins
341	
25	

Cumulative Pilot Hours (total):

Type of Operation:

PRIB

(Post Repair Inspection and Burial)

Sensors/Manipulators used:

TSS 350 / 440

Name of Supervisor in Charge (and Company):

J. Labb  (LDA)

Signature Verifier:

Date:

Signature Project Manager:

Date:



IMCA ROV Personnel Logbook

Record of Work Experience

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

Tour Date/Date of Dive: 03/02/2013 - 09/02/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01 - 02 - 03
 Dive Location: SHANGAI FEA Seg P3 Repair 82
 Support Vessel/Installation: LODBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LATRANDEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs
6
Hrs
347
25

Mins
Mins

TRENCH
FREE FLY

Cumulative Pilot Hours (total):

Type of Operation:

PRIB

Sensors/Manipulators used:

TSS 350 / 440

Name of Supervisor in Charge (and Company):

J. LAURETTI (LOA)

Signature Verifier:

Date:

Signature Project Manager:

Date:



IMCA ROV Personnel Logbook

Record of Work Experience

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

Tour Date/Date of Dive: 10/02/2013 / 13/02/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01 - 02
 Dive Location: SHANGAI FEA Seg P3 Repair 83
 Support Vessel/Installation: LODBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LD TRANDCEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs
12
Hrs
359
25

Mins
Mins

TRENCH
FREE FLY

Cumulative Pilot Hours (total):

Type of Operation:

PRIB

(Post Repair Inspection and Burial)

Sensors/Manipulators used:

TSS dual track system

Name of Supervisor in Charge (and Company):

J. LAURETTI (LOA)

Signature Verifier:

Date:

Signature Project Manager:

Date:



IMCA ROV Personnel Logbook

Record of Work Experience

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

Tour Date/Date of Dive: 14/02/2013 - 22/02/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01 - 02
 Dive Location: SHANGAI C2C Seg 3B Repair 21
 Support Vessel/Installation: LODBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LWS TRANOCEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs
8
Hrs
367
Hrs
25

Mins
Mins

Cumulative Pilot Hours (total):

Type of Operation:

PRIB
 (Post Repair Inspection and Burial)

Sensors/Manipulators used:

TSS dual track system.

Name of Supervisor in Charge (and Company):

J. Lauretti (LDA) Lauretti & Free, Sr

Signature of Supervisor:

Date:

Signature of Project Manager:

Date:



IMCA ROV Personnel Logbook

Record of Work Experience

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

Tour Date/Date of Dive: 23/02/2013 - 03/03/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01 - 02 - 03
 Dive Location: SHANGAI C2C Seg 3B Repair 22
 Support Vessel/Installation: LODBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LD TRANOCEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs
12
Hrs
379
Hrs
25

Mins
Mins

Cumulative Pilot Hours (total):

Type of Operation:

PRIB
 (Post Repair Inspection and Burial)

Sensors/Manipulators used:

TSS DUAL TRACK system.

Name of Supervisor in Charge (and Company):

C. Ross-Kent ross_kent@msn.com

Signature of Supervisor:

Date: 03-03-2013

Signature of Project Manager:

Date:



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 04/03/2013 - 07/03/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01 - 02
 Dive Location: SOUTH CHINA C2C Seg 3A Repair 11
 Support Vessel/Installation: LOBBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LD TRAOCEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs
8
Hrs
387
25

Mins
Mins

TRENCH
FREE FLY

Cumulative Pilot Hours (total):

Type of Operation:

PRIB
(Post Repair Inspection and Burial)

Sensors/Manipulators used:

TSS dual track system

Name of Supervisor in Charge (and Company):

G. Ross - Kent ross_kent@msn.com

Signature Verifier:

Date: 07-03-2013

Signature Project Manager:

Date:

IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 08/03/2013 - 14/03/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01 - 02 - 03
 Dive Location: CHINA C2C Seg 3A Repair 12
 Support Vessel/Installation: LOBBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LD TRAOCEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

Total Time (this tour):

Hrs
9
Hrs
396
25

Mins
Mins

TRENCH
FREE FLY

Cumulative Pilot Hours (total):

Type of Operation:

PRIB
(Post Repair Inspection and Burial)

Sensors/Manipulators used:

TSS dual track system

Name of Supervisor in Charge (and Company):

G. Ross - Kent ross_kent@msn.com

Signature Verifier:

Date: 14-03-2013

Signature Project Manager:

Date:

IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 20/03/2013 - 27/03/2013
 Name of Contractor: ALDA MARINE
 Client Name(s): PACNET
 Dive Number(s): 01 - 02 - 03
 Dive Location: CHINA EAC 1 Seg A Repair 15
 Support Vessel/Installation: LODBROG
 Position During Tour(s): PILOT
 Type of ROVs: Manufacturer: LD TRAVOCEAN
 Model: ROV JET 400
 Unit Number: ROV JET 401

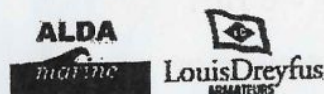
Hrs	Mins
8	
Hrs	Mins
404	
25	

TRENCH
FREE FLY

Total Time (this tour):
 Cumulative Pilot Hours (total):
 Type of Operation:
PRIB
(Post Repair Inspection and Burial)
 Tools/Manipulators used:
TSS dual track system

Name of Supervisor in Charge (and Company):
C. Ross-Kent r.ross.kent@msn.com

Signature: [Signature] Date: 27-03-2013
 Signature: [Signature] Date:



LOGBOOK SUBSEA EQUIPMENT

NAME: LABBÉ JEAN-FRANÇOIS DATE FROM 26.03.2013 TO 29.03.2013
 PORT EMBARKED: LESU (SOUTH KOREA) PORT DISEMBARKED: KEELUNG (TAIWAN)
 NAME OF VESSEL: LODBROG TYPE OF VESSEL: CABLE VESSEL
 ROLE: ROV PILOT TYPE OF ROV: ROV JET 401 PILOT HOURS:

DETAILS OF OPERATIONS

Cable maintenance operations on the APM75 agreement

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (if needed additional information provided on separate sheets)

Pilot or Crane operators
Routine maintenance
Dive check

SIGNATURE: [Signature]

PRINT NAME: LAURETTE J.



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 17/06/2013 - 21/06/2013
 Name of Contractor: ALDA Marine
 Client Name(s): TATA
 Dive Number(s): 1, 2, 3, 4, 5
 Dive Location: Ireland, TGN Atlantic S2AR4
 Support Vessel/Installation: Ile d'Aix
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: Perry Slingsby
 Model: ST 200
 Unit Number: ST 206

Total Time (this tour):

Hrs
10
Hrs
414
25

Mins
—
Mins
TRENCHER

TRENCHER

FREE FLY

Type of Operation:

Post lay inspection, cable gripped and cutter
and burial after repair

Sensors/Manipulators used:

TSS 440, orion manipulator

Name of Supervisor in Charge (and Company):

RAYMOND HASTINGS JW FISHER RUMIC

Signature Verifier:

Date:



Signature Project Manager:

Date:

IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 05/07/13 - 13/07/13
 Name of Contractor: ALDA Marine
 Client Name(s): Level 3
 Dive Number(s): 1, 2, 3, 4, 5
 Dive Location: Tangerine
 Support Vessel/Installation: Ile d'Aix
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: Perry Slingsby
 Model: ST 200
 Unit Number: ST 206

Total Time (this tour):

Hrs
10
Hrs
424
25

Mins
—
Mins
TRENCHER

TRENCHER

FREE FLY

Cumulative Pilot Hours (total):

Type of Operation:

Post lay inspection, cable gripped and burial after
repair

Sensors/Manipulators used:

TSS 350, cable gripper

Name of Supervisor in Charge (and Company):

RAYMOND HASTINGS JW FISHER RUMIC

Signature Verifier:

Date:



Signature Project Manager:

Date:

IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 22/07/13 - 25/07/13
 Name of Contractor: Alda Marine
 Client Name(s): Farzese Telecom
 Dive Number(s): 1, 2, 3
 Dive Location: Scotland - SHEFA 2 seg 9 RG
 Support Vessel/Installation: Ile d'Aix
 Position During Tour(s): Pilot Tech
 Type of ROVs: Manufacturer: Perry Slingsby
 Model: ST 200
 Unit Number: ST 206

Total Time (this tour):

Hrs	Mins
10	—
Hrs	Mins

Cumulative Pilot Hours (total):

434
25

TRENCH
FREE FLY

Type of Operation:

Post lay inspection and burial after repair.

Tools/Manipulators used:

TSS 440, Orion manipulator.

Name of Supervisor in Charge (and Company):

Raymond Hastings, JW Fisher Runcie

Signature: [Signature]

Date:

Signature: Project Manager:

Date:



ALDA

marine



Louis Dreyfus
ARMATEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBE JEAN-FRANÇOIS DATE FROM 12 June 2013 TO 12 August 2013
 PORT EMBARKED: Cherbourg (FRANCE) PORT DISEMBARKED: Calais (FRANCE)
 NAME OF VESSEL: Ile d'Aix TYPE OF VESSEL: Cable Ship
 ROLE: ROV PILOT TYPE OF ROV: ST206 PILOT HOURS: 30

DETAILS OF OPERATIONS

Repairs; Post lay inspection, cable gripped and cut and burial after repair.
Maintenance alongside
Web tests

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

Every day's perform pre dive check; electrical and hydraulic test. Winch and LAIRS test.
Every weeks perform weekly maintenance on ROV, winch and LAIRS systems.
Investigation on serial card of the prism; test the up & down link
Wiring DB9 cables from TSS and supervision computers in order to visualize the shing
send to the survey console
Investigation on winch flexing auto mode.
Change seals on 2 thruster motors
Work on HPU transformer; found crack on the frame support.
Investigation in Control Con; temp sensor
Bolt findings on Instrument DC; tool camera in defect

SIGNATURE: [Signature]

VESSEL STAMP

PRINT NAME: RJ Hastings

ROV ST206 STLA
CS ILE D'AIX



ray.hastings@hastingsmarine.net

ROV Personnel Logbook

ALDA



marine

Louis Dreyfus
ARMATEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBE JEAN-FRANÇOIS DATE FROM 18 oct 2013 TO 18 dec 2013
 PORT EMBARKED: Falmouth (ENGLAND) PORT DISEMBARKED Colais (FRANCE)
 NAME OF VESSEL: Ile d'Aix TYPE OF VESSEL Cable Ship.
 ROLE: ROV PILOT TYPE OF ROV: ST206 PILOT HOURS: 0

DETAILS OF OPERATIONS

Maintenance along side & at sea -
 Water tests

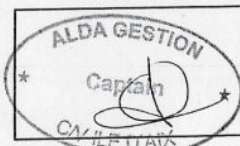
DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

- Every days perform pre dive check. Winch and LARS too.
- Every weeks perform weekly maintenance on ROV, Winch and LARS systems.
- Work on spare van's computer hardware and software & back up HDD with avonix.
- Wiring supervision computer. Re-arrange all cords and components on pilot console.
- Re-arrange the major of devices (Pym, Video switcher, clearcom station, monitor, computer) on all the consoles in control van & label.
- Identify all the hydraulic hoses on winch system; labels, fittings and types of hoses.
- Insulation test on winch slip ring; Electrical and optical
- Change B' Hood and housing on TSS 350 pod -
- Dismantle the bracket for maintenance and rebuilt an hard pipe damaged on north.

SIGNATURE

[Signature]
 PRINT NAME R.J. HASTINGS
 ROV ST206
 CS ILE D'AIX
 ray.hastings@hastingsnet

VESSEL STAMP



ROV Personnel Logbook

Re route the major of harnesses on the ROV and some hydraulic hoses too.
 Fill spare sensor head in oil.
 Fabricate hydraulic hoses for the ROV using aequip crimper and test with enropac to validate.
 Work on outlet circuit of the water pump in order to stop the water leak.

[Signature]

IMCA ROV Personnel Logbook

Record of Work Experience

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

Tour Date/Date of Dive: 23/02/2014 - 25/02/2014
 Name of Contractor: ALDA MARINE
 Client Name(s): ALDA MARINE
 Dive Number(s): Dive 1 to 3
 Dive Location: Off Cherbourg
 Support Vessel/Installation: C/S Ile de Brehat
 Position During Tour(s): ROV Supervisor
 Type of ROVs: Manufacturer: LD TRAVOCEAN
 Model: ROV JET
 Unit Number: 409

Total Time (this tour):

Hrs
3

Mins

Cumulative Pilot Hours (total):

Hrs
437

Mins

TRENCH
FREE FLY

Type of Operation:

ROV trials in shallow water

Tests on tracks and in fly - Cable survey

Sensors/Manipulators used:

Sonar - TSS 440 - 7F arm orion - jetting tools

Name of Supervisor in Charge (and Company):

Huellié c.

Signature Verifier:

Date:

Signature Project Manager:

Date:



IMCA ROV Personnel Logbook

Record of Work Experience

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

Tour Date/Date of Dive: 08/03/2014 - 11/03/2014
 Name of Contractor: ALDA MARINE
 Client Name(s): ALDA MARINE
 Dive Number(s): Dive 1 to 4
 Dive Location: Off Brest
 Support Vessel/Installation: C/S Ile de Brehat
 Position During Tour(s): ROV Supervisor
 Type of ROVs: Manufacturer: LD TRAVOCEAN
 Model: ROV JET
 Unit Number: 409

Total Time (this tour):

Hrs
3

Mins

Cumulative Pilot Hours (total):

Hrs
440

Mins

TRENCH
FREE FLY

Type of Operation:

ROV trials in deep water

Tests on tracks and in fly - Cable survey

Sensors/Manipulators used:

Sonar - TSS 440 - jetting tools

Name of Supervisor in Charge (and Company):

Huellié c.

Signature Verifier:

Date:

Signature Project Manager:

Date:



IMCA ROV Personnel Logbook Record of Work Experience

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

Tour Date/Date of Dive: 19/03/2014
 Name of Contractor: ALDA MARINE
 Client Name(s): ALDA MARINE
 Dive Number(s): Dive 1
 Dive Location: Off Brest
 Support Vessel/Installation: C/S Ile de Brehat
 Position During Tour(s): ROV Supervisor
 Type of ROVs: Manufacturer: LD TRAVOCCAN
 Model: ROV JET
 Unit Number: 409

Total Time (this tour):

Cumulative Pilot Hours (total):

Type of Operation:

ROV trials for emergency plough recovery operation.

Sensors/Manipulators used:

Sonar

Name of Supervisor in Charge (and Company):

Hueltic c.

Signature Verifier:

Date:

Signature: Project Manager

Date:

hueltic.christophe@orange.fr



LOGBOOK SUBSEA EQUIPMENT

NAME: LABBÉ JEAN-FRANÇOIS DATE FROM 28.01.14 TO 15.04.14
 PORT EMBARKED: CALAIS (FRANCE) PORT DISEMBARKED: CALAIS (FRANCE)
 NAME OF VESSEL: Ile de Brehat TYPE OF VESSEL: CABLE SHIP
 ROLE: ROV SUPERVISOR TYPE OF ROV: ROV JET 409 PILOT HOURS: 10

DETAILS OF OPERATIONS

- ROV JET 409 Mobilization.
Electrical cables / Containers / LARS / ROV
- ROV Trials at sea, in shallow and deep water on tracks and in fly.
- ROV trials for emergency plough recovery operation.

DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

- laying & wiring electrical cables (main power supply & comms).
- LARS & ROV cable fault finding.
- daily pre dive check.
- maintenance on ROV & LARS
- electrical & hydraulic jobs on ROV
- make & hoses with aeroquip equipment
- built brackets for electrical components.
- winch & frame operator during launch or recovery phases.
- pilot during launch & recovery phases.
- use ANOS data base system.

SIGNATURE

PRINT NAME

Hueltic c.

VESSEL STAMP



ALDA

marine

Louis Dreyfus
ARMATEURS

LOGBOOK SUBSEA EQUIPMENT

NAME: LABBE JEAN-FRANÇOIS DATE FROM 21-07-14 TO 24-08-14
 PORT EMBARKED: CALAIS (FRANCE) PORT DISEMBARKED TEESIDE (UK)
 NAME OF VESSEL: Ile de BATZ TYPE OF VESSEL CABLE SHIP
 ROLE: ROV SUPERVISOR TYPE OF ROV: ROV-LET 408 PILOT HOURS: -

DETAILS OF OPERATIONS

- Wind farm power cable PLIB

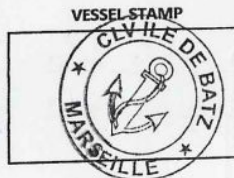
DETAILS OF ENGINEERING FUNCTIONS PERFORMED (If needed additional information provided on separate sheets)

- LARS & ROV cable fault finding.
- pre dive check.
- preventive maintenance on LARS & ROV.
- retermination of lift umbilical with megger & OTDR Test.
- winch & frame operator during launch & recovery phases.
- use AMOS data base system.

SIGNATURE

PRINT NAME LE HENAFF GURVAN

ROV 408 Team leader
 Email: gurvan.29@gmail.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 30/05/2015 to 19/06/2015
 Name of Contractor: BOURBON DNT
 Client Name(s): SUBTECH, NERNAIA, QP
 Dive Number(s): #11 (dive 76 to 87)
 Dive Location: OFF QATAR
 Support Vessel/Installation: BOURBON EVOLUTION 808
 Position During Tour(s): ROV PILOT
 Type of ROVs: Manufacturer: SCHILLING
 Model: HD
 Unit Number: 63

Total Time (this tour):

HRS	MIN
8	00
HRS	MIN
440	
37	

Cumulative Pilot Hours (total):

TRENCH
FREE FLY

Type of Operation: TOUCH DOWN MONITORING
 during as recovery and jointing Power
 cable operations

Sensors/Manipulators Used:

BLUE VIEW; TITAN 4; RIGMASTER

Name of Supervisor in Charge (and Company):

MICHAEL CORSI BONT

Signature Verifier: Date

Signature Project Manager: Date 07.07.15

Dennis Cini BOURBON EVOLUTION 808

MPSV-DP3

Reg. St. Vincent & Grenadine 6146 GT
 IMO 9639854 5058 KW