

DEPLOYMENT LOG for IceCube STRING # 29Deployment Start: at 19:15 on 25 Dec 05 ho ho hoDeployment End: at 7:00 am on 26 Dec 05Target depth (DOM60): **2450 m** Final depth: 2452.5 m

Deployment Crew

Position	First Shift	Second Shift	Third Shift
Shift lead	^{Albert} A. Karle		
DOM install 1 (high)	J. Braun		
DOM install 2 (low)	E. Dicks T. Murray		
DOM supply 1 / DOM install 3	Andrzej N. K.		
DOM supply 2 / floater	Alex Olivas		
Winch operator (cable & tower)	A. Karle / J. Yeck		
Notary (logbook & photos)	D. J. Cowan / E. Dicks		
PTS (monitoring / sensors)	K. Voschnigg / Dan Gibson		
Support (optional)			
Time shift on:	18:30		
Time shift off:			

Summary/Comments:

JDR Cable

DOM TPS 900 69 had cranking - will not be used "Zenithen"

**Hole Handover**☐ Drill data reviewed☐ maximum drift in x: _____ ☐ plot☐ maximum drift in y: _____ ☐ plot☐ maximum depth: _____☐ minimum radius: _____ ☐ plot☐ plot of predicted radius vs depth and time☐ Hole dimensions verified

Time: _____

Drill Lead: _____
name / signature / dateDeployment Lead: _____
name / signature / date☐ Handover completeNO
DATA
REC'D**Hole Logging**

(skip if not applicable)

☐ Logger drop started

Time: _____ Speed: _____

☐ Logging started

Time: _____ Speed: _____

☐ Logging ended

Time: _____

☐ Estimated hole lifetime: _____

► Must reach target depth by _____ on _____

NO
LOGGING -
PROBLEMS
w/ LOGGER

**Deployment Startup**Time: 19:30

- ☒ Cable winch operational
- ☒ Tower winch operational
- ☒ Tie off verified
- ☒ Yellow rope verified
- ☒ Deployment monitoring system (PTS) operational
- ☒ Pressure sensors on hand: Paro(s) and Keller
- ☒ Laser ranger, tape measure (metric) on hand
- ☒ Loopback terminators connected (inside cable reel drum)
- ☒ Uphole pressure system on hand: Setra sensor and cable Not doing?
- ☒ DOMs placed in racks
- ☒ Weight stack on hand: weights (5) and 2 m cable
- ☒ Safety checks complete
 - ☒ Crew safety briefing
 - ☒ E-stop locations identified
 - ☒ TOS evacuation procedures reviewed
 - ☒ Snow mobile driver(s): E. Richs, Tom, Nobuyoshi, Mark Mark
 - ☒ CPR trained: Harold N. Gerson, T. Hearn, Kurt, Tom, Mark
 - ☒ Mustering point identified
- ☒ End of Main Cable brought into TOS and secured
- ☒ Truck anchored

Cable end attachments

- ☒ Measure well depth: 47.52
 - ☒ Weights (5) attached
 - ☒ Weight cable attached (weight stack complete)
- Time: 19:15



DOM attachment

DOM position 60

(T, Long)

Cable mark: 3.15DOM id: ☒ TP5P0581☐

Reason for substitution:

☒ Bottom shackle connected to weight stack☒ Top clutch connected at link # 19☒ Bow OK → ☒ clutch zip tied☒ Cable end taped to weight stack cablePayout: No readingPhotos: ☒ whole view ☒ DOM id ☐ chain length (w/ tape)

DOM position 59

(U, Short)

Cable mark: ~20on 21 stationDOM id: ☒ UP5P0656☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19☒ Bow OK → ☒ clutch zip tied $\Delta(59-60)$: 16.78
(use laser ranger)Photos: ☐ whole view ☒ DOM id ☐ chain length (w/ tape)(DOM cable partly outside DOM cables)

Breakout 30

Time: 20.30☒ Cable/LC continuity test complete (Q16)☒ all pass☐ fail: _____

Depth:

Payout _____

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☒ Loose pigtails taped to cable

Thermistor:

☒ Present☒ Distance to DOM59: ~75m60 8.77

Paro: (= Paro2)

☒ Connected☒ Operational☒ Air pressure [PSI]: 10.07Ser.#: 98255☒ Cable mark: 195☐ Distance to DOM59: -119Adapter: 0 Ohm☐ All clear to lower cable ☺Nipple ☐ on ☒ off



DOM attachment

DOM position 58

(T, Long)

Cable mark: 37.7DOM id: ☒ TP5Y0111☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 17 $\Delta(58-59)$: 16.45☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☐ whole view ☒ DOM id ☐ chain length (w/ tape)

DOM position 57

(U, Short)

Cable mark: 54.0DOM id: ☒ UP5H0168☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 17 $\Delta(57-58)$: Shipped☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 29

Time: 21:00☒ Cable/LC continuity test complete (Q16)☒ all pass☐ fail: _____

Depth:

Paro2 68.4

Payout _____

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☒ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 56

(T, Long)

Cable mark:

74DOM id: ☒ TP5P0603☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 17 $\Delta(56-57)$: 17.95☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☐ chain length (w/ tape)

DOM position 55

(U, Short)

Cable mark:

88.5DOM id: ☒ UP5P0582☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 17 $\Delta(55-56)$: 16.2☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 28

Time: 21:15☒ Cable/LC continuity test complete (Q15)☒ all pass☐ fail: _____

Depth:

Paro2

Payout -204.24

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☐ Loose pigtails taped to cable☐ All clear to lower cable ☺

DOM attachment

DOM position 54

(T, Long)

Cable mark: 105:8 11DOM id: ☒ TP5P0647☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 18 $\Delta(54-55)$: 15.09☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 53

(U, Short)

Cable mark: 121.6DOM id: ☒ UP5Y0124☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(53-54)$: 17.50☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☐ chain length (w/ tape)

Breakout 27

Time: 21:32☒ Cable/LC continuity test complete (Q15)☒ all pass☐ fail: _____

Depth:

Paro2 119Payout -306.3

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☐ connected☒ Loose pigtails taped to cable

Thermistor:

☒ Present☒ Distance to DOM53:1.30 m☐ All clear to lower cable ☺

DOM attachment

DOM position 52

(T, Long)

Cable mark: 139.1DOM id: ☒ TP5P0623☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 18☒ Bow OK → ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape) $\Delta(52-53)$: ~~18.0~~ 17.0
18.1

DOM position 51

(U, Short)

Cable mark: 155.2DOM id: ☒ UP5H0166☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19☒ Bow OK → ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape) $\Delta(51-52)$: ~~18.0~~ 18.0
16.0

Breakout 26

Time: 21:42☒ Cable/LC continuity test complete (Q14)☐ all pass☒ fail: LC adapter fail

Depth:

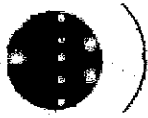
Paro2 153Payout -469.4

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☒ All clear to lower cable ☺



DOM attachment

DOM position 50

(T, Long)

Cable mark: 173.16DOM id: ☒ TP5P0645☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(50-51)$: 18.14☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☒ chain length (w/ tape)☒ Curved distance around DOM: _____ ☐ Vertical distance: _____

DOM position 49

(U, Short)

Cable mark: 189.7DOM id: ☐ UP5P0534☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(49-50)$: 16.14☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☒ chain length (w/ tape)☒ Curved distance around DOM: _____ ☐ Vertical distance: _____

Breakout 25

Time: 22:11☒ Cable/LC continuity test complete (Q14)☐ all pass☒ fail: LC fail cant good

Depth:

Paro2 187.4Payout -518.1

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 48

(T, Long)

Cable mark:

207.6DOM id: ☒ TP5P0875☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link #18 $\Delta(48-49)$: 18.03☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☒ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 47

(U, Short)

Cable mark:

223.7DOM id: ☐ UP5P0530☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link #19 $\Delta(47-48)$: 16.0☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☒ chain length (w/ tape)

Breakout 24

Time: 22:29☒ Cable/LC continuity test complete (Q13)☐ all pass☒ fail:LC fail cont good

Depth:

Paro2 221.7Payout -625.2

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☒ All clear to lower cable ☺Kurt, 6/7



DOM attachment

DOM position 46

(T, Long)

Cable mark: 241.5DOM id: ☐ TP5P0539☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 17 $\Delta(46-47)$: 17.9☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☐ DOM id ☒ chain length (w/ tape)

DOM position 45

(U, Short)

Cable mark: 258DOM id: ☐ UP5P0512☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(45-46)$: 16.0☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☒ chain length (w/ tape)

Breakout 23

Time: 22:42☒ Cable/LC continuity test complete (Q13)☐ all pass☒ fail: cont good LC fail

Depth:

Paro2 255.0Payout -728.1

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☒ Loose pigtails taped to cable

Broken

Dom

connector

photo

Thermistor:

☒ Present☐ Distance to DOM45: 1.30m☒ All clear to lower cable ☺

DOM attachment

DOM position 44

(T, Long)

Cable mark:

275.5DOM id: ☐ TP5P0513☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(44-45)$: 17.9☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 43

(U, Short)

Cable mark:

291.8DOM id: ☐ UP5P0514☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(43-44)$: 16.0☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 22

Time: 72:58☒ Cable/LC continuity test complete (Q12)☐ all pass☒ fail: cont good LC bad

Depth:

Paro2 289.8Payout -830.8

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☒ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☐ Loose pigtails taped to cable☒ All clear to lower cable ☺



DOM attachment

DOM position 42

(T, Long)

Cable mark:

309.75DOM id: ☒ TP5P0679☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(42-43)$: 17.9☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 41

(U, Short)

Cable mark:

326DOM id: ☒ UP5Y0082☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(41-42)$: 16.0☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 21

Time: 23.12☒ Cable/LC continuity test complete (Q12)☐ all pass☒ fail: cont good LC bad

Depth:

Paro2 323.9Payout -934.68

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☒ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 40

(T, Long)

Cable mark:

344

DOM id: ☐ TP5Y0069~~TP5P0725~~

Reason for substitution:

crossed gel

☒ Bottom shackle connected☒ Top clutch connected at link #

18

 $\Delta(40-41): 18.06$ ☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 39

(U, Short)

Cable mark:

360

DOM id: ☐ UP5P0742☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link #

19

 $\Delta(39-40): 16.0$ ☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

Breakout 20

Time: 23:23

☒ Cable/LC continuity test complete (Q11)☐ all pass☒ fail:

cont good LC bad

Depth:

Paro2

358.0

Payout

-1037.0

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☐ All clear to lower cable ☺



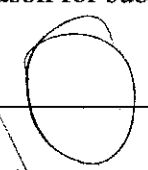
DOM attachment

DOM position 38

(T, Long)

Cable mark: 377.6DOM id: ☐ TP5H0165☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 17☒ Bow OK → ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape) $\Delta(38-39)$: 

DOM position 37

(U, Short)

Cable mark: 393.5DOM id: ☐ UP5P0684☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19☒ Bow OK → ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape) $\Delta(37-38)$: 16.1

Breakout 19

Time: 23:33☒ Cable/LC continuity test complete (Q11)☒ all pass☒ fail: cont good LC fail

- LongDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable

Depth:

Paro2 392Payout -1139.8☒ All clear to lower cable ☺



DOM attachment

DOM position 36

(T, Long)

Cable mark: 411.5DOM id: ☐ TP5P0675☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 17 $\Delta(36-37)$: 18.0☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 35

(U, Short)

Cable mark: 427.8DOM id: ☐ UP5P0628☐

Reason for substitution:

☒ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(35-36)$: 16.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 18

Time: 23:43☐ Cable/LC continuity test complete (Q10)☐ all pass☒ fail: cont good LC Bad

Depth:

Paro2 426.2Payout -1243.2

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☐ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected☒ Loose pigtails taped to cable☐ Put two Kellers in bucket of water/ice mix☐ All clear to lower cable ☺

Per
B18/long
plug glued to
connector

DOM attachment

DOM position 34

(T, Long)

Cable mark: 445.5DOM id: ☐ TP5P0723☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 18 19 $\Delta(34-35)$: 18.0☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 33

(U, Short)

Cable mark: 461.7DOM id: ☐ UP5P0698☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(33-34)$: 16.0☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 17

Time: 23:58☒ Cable/LC continuity test complete (Q10)☐ all pass☒ fail: good cont bad LC

Depth:

Paro2 46023Payout -1343.75

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected☒ Loose pigtails taped to cable☒ All clear to lower cable ☺



DOM attachment

DOM position 32

(T, Long)

Cable mark: 479.5DOM id: ☒ TP5Y0073☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(32-33)$: 18.2☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 31

(U, Short)

Cable mark: 495.7DOM id: ☒ UP5P0550☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 18 $\Delta(31-32)$: 16.0☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

Breakout 16

Time: 00:10☒ Cable/LC continuity test complete (Q9)☒ all pass☒ fail: contok LC fail

Depth:

Paro2 493.9Payout 1448.1

- LongDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☒ All clear to lower cable ☺

DOM attachment

DOM position 30

(T, Long)

Cable mark: 513.8DOM id: ☒ TP5P0637☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(30-31)$: 18.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 29

(U, Short)

Cable mark: 83 ϕ . ϕ DOM id: ☐ UP5P0648☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(29-30)$: 16. ϕ ☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 15

Time: 00:54☒ Cable/LC continuity test complete (Q9)☐ all pass☒ fail: cont good LC bad

Depth:

Paro2 528Payout ~~528~~-135 ϕ .5

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected☐ Loose pigtails taped to cable

Thermistor:

☒ Present ☐ Distance to DOM29: 40 cm

Keller:

☒ Connected ☐ Operational ☐ Air pressure [PSI]: ϕ Ser.#: 407562☐ Cable mark: 529 ☐ Distance to DOM29: 70 cmbelow☐ All clear to lower cable ☺



DOM attachment

DOM position 28

(T, Long)

Cable mark:

547.6DOM id: ☒ TP5P0633☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(28-29)$: 18.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 27

(U, Short)

Cable mark:

564DOM id: ☒ UP5P0614☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(27-28)$: 16.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 14

Time: 01:13☐ Cable/LC continuity test complete (Q8)☐ all pass☒ fail: cont ok LC fail

Depth:

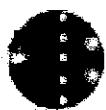
Paro2 562.5Keller ✓Payout 1651.1

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☐ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected☐ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 26

(T, Long)

Cable mark: 581.7DOM id: ☐ TP5H0157☐

Reason for substitution:

☒ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(26-27)$: 18.1☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 25

(U, Short)

Cable mark: 597.7DOM id: ☐ UP5P0708☐

Reason for substitution:

☒ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(25-26)$: 16.5☒ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 13

Time: 01:23☒ Cable/LC continuity test complete (Q8)☐ all pass☒ fail: cont good LC bad

Depth:

Paro2 596.5Keller Payout -1758.3

- LongDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected☒ Loose pigtails taped to cable☒ All clear to lower cable ☺

DOM attachment

DOM position 24

(T, Long)

Cable mark:

615.6DOM id: ☐ TP5P0613☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(24-25)$: 18.2☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 23

(U, Short)

Cable mark:

631.7DOM id: ☐ UP5P0716☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(23-24)$: 16.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 12

Time: 01:35☐ Cable/LC continuity test complete (Q7)☐ all pass☐ fail: cont good LC bad

Depth:

Paro2 630.7Keller Payout -1863.2

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☐ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 22

(T, Long)

Cable mark: 649.7DOM id: ☒ TP5P0691☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(22-23)$: 18.1☒ Bow OK → ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 21

(U, Short)

Cable mark: 665.7DOM id: ☒ UP5P0612☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(21-22)$: 16.1☒ Bow OK → ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

Breakout 11

Time: 01:46☒ Cable/LC continuity test complete (Q7)☒ all pass☒ fail: cont good bad LC

Depth:

Paro2 664.8

(Keller)

Payout 197.8

- LongDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☒ All clear to lower cable ☺



DOM attachment

DOM position 20

(T, Long)

Cable mark:

683.8DOM id: ☐ TP5P0577☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(20-21)$: 18.0☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)☐ Curved distance around DOM: _____☐ Vertical distance: _____

DOM position 19

(U, Short)

Cable mark:

699.6DOM id: ☐ UP5Y0074☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(19-20)$: 16.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)☐ Curved distance around DOM: _____☐ Vertical distance: _____

Breakout 10

Time: 01:58☐ Cable/LC continuity test complete (Q6)☐ all pass☐ fail: good cont had LC

Depth:

Paro2 698.8

Keller _____

- LongDOM

Payout - 2075.5☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☐ Loose pigtails taped to cableO ring down
holeDOM 19
crack in gel
passed
photo taken☐ All clear to lower cable ☺



DOM attachment

DOM position 18

(T, Long)

Cable mark:

717.7DOM id: ☐ TP5P0601☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(18-19)$: 18.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 17

(U, Short)

Cable mark:

733.7DOM id: ☐ UP5P0580☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(17-18)$: 16.2☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 9

Time: 02:09☐ Cable/LC continuity test complete (Q6)☐ all pass☐ fail:cont good lc bad

Depth:

Paro2 733.1Keller Payout 2181.3

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☐ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 16

(T, Long)

Cable mark:

752DOM id: ☐ TP5P0607☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(16-17)$:18.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 15

(U, Short)

Cable mark:

768DOM id: ☐ UP5P0664☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(15-16)$:16.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 8

Time:

02:22☐ Cable/LC continuity test complete (Q5)☐ all pass☐ fail:cont good / c bad

Depth:

Paro2

767.3

Keller

Payout

-2286.8

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☐ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 14

(T, Long)

Cable mark: 785.7DOM id: ☒ TP5P0697☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(14-15)$: 18.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 13

(U, Short)

Cable mark: 80.2DOM id: ☒ UP5H0112☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(13-14)$: 16.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

Breakout 7

Time: 02:34☒ Cable/LC continuity test complete (Q5)☒ all pass☒ fail: cont good (C. Fail)

Depth:

Paro2 801.5Netter Payout 2390.4

- LongDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☒ All clear to lower cable ☺



DOM attachment

DOM position 12

(T, Long)

Cable mark:

819.7DOM id: ☐ TP5P0671☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 19 $\Delta(12-13)$: 18.0☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 11

(U, Short)

Cable mark:

835.8DOM id: ☐ UP5H0110☒

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # ~~21~~ 21 $\Delta(11-12)$: 16.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

Breakout 6

Time: 02:44☒ Cable/LC continuity test complete (Q4)☐ all pass☒ fail: cont good LC bad

Depth:

Paro2 835.6Keller Payout -2498.6

- LongDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☒ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 10

(T, Long)

Cable mark: 853.6DOM id: ☐ TP5P0839☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 1921 $\Delta(10-11)$: 18.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 9

(U, Short)

Cable mark: 869.6DOM id: ☐ UP5P0740☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 1924 $\Delta(9-10)$: 16.1☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 5

Time: 02:59☐ Cable/LC continuity test complete (Q4)☐ all pass☐ fail: cont good no LC

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☐ Loose pigtails taped to cable

Depth:

Paro2 869.7Keller Payout -2604.9☐ All clear to lower cable ☺



DOM attachment

DOM position B

(T, Long)

Cable mark: 808DOM id: ☐ TP5Y0089☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(8-9)$: 18.2☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

DOM position 7

(U, Short)

Cable mark: 904DOM id: ☐ UP5Y0088☐

Reason for substitution:

☐ Bottom shackle connected☐ Top clutch connected at link # 19 $\Delta(7-8)$: 16.0☐ Bow OK $\rightarrow$ ☐ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 4

Time: 03:10☐ Cable/LC continuity test complete (Q3)☐ all pass☐ fail: cont good bad < C

Depth:

Paro2 903.7

Keller

Payout - 2712.0

- LongDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected

- ShortDOM

☐ connector discharged (ESD)☐ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☐ photo: connectors ☐ connected☐ Loose pigtails taped to cable

#7 small

crazing

239cm

☐ All clear to lower cable ☺



DOM attachment

DOM position 6

(T, Long)

Cable mark: 921.5DOM id: ☒ TP5P0719☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 20 $\Delta(6-7)$: 18.2☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 5

(U, Short)

Cable mark: 938DOM id: ☒ UP5P0618☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 20 21 $\Delta(5-6)$: 16.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

Breakout 3

Time: 03:24☒ Cable/LC continuity test complete (Q3)☒ all pass☒ fail: cont bad OK LC bad

Depth:

Paro2 938.3

Keller

Payout 2818 AP

- LongDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable☐ All clear to lower cable ☺



DOM attachment

DOM position 4

(T, Long)

Cable mark:

955.7

DOM id: ☐ TP5P0655☐

Reason for substitution:

☒ Bottom shackle connected☐ Top clutch connected at link # 20 $\Delta(4-5)$: 18.2☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☐ DOM id ☒ chain length (w/ tape)

DOM position 3

(U, Short)

Cable mark:

971.8

DOM id: ☐ UP5P0726☐

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 22 $\Delta(3-4)$: 16.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☐ whole view ☐ DOM id ☐ chain length (w/ tape)

Breakout 2

Time: 03:37☒ Cable/LC continuity test complete (Q2)☐ all pass☐ fail: pass cont LC bad

Depth:

Paro2 972.3

Keller

Payout -2925.4

- LongDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☒ breakout O-ring in place and ☐ lubed☒ photo: connectors ☒ connected

- ShortDOM

☐ connector discharged (ESD)☒ connector O-ring in place and ☐ lubed☐ breakout O-ring in place and ☐ lubed☒ photo: connectors ☐ connected☐ Loose pigtails taped to cable☒ All clear to lower cable ☺



DOM attachment

DOM position 2

(T, Long)

Cable mark: 990DOM id: ☒ TP5P0639

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 21 $\Delta(2-3)$: 18.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

DOM position 1

(U, Short)

Cable mark: 1005.7DOM id: ☒ UP5P0668

Reason for substitution:

☒ Bottom shackle connected☒ Top clutch connected at link # 21 $\Delta(1-2)$: 16.1☒ Bow OK $\rightarrow$ ☒ clutch zip tiedPhotos: ☒ whole view ☒ DOM id ☒ chain length (w/ tape)

Breakout 1

Time: 03:55☒ Cable/LC continuity test complete (Q2)☒ all pass☒ fail: cont good LC bad

Depth:

Paro2 1005.8Keller 3030.9Payout 3030.9

- LongDOM

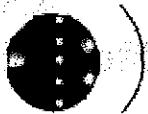
☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected

- ShortDOM

☒ connector discharged (ESD)☒ connector O-ring in place and ☒ lubed☒ breakout O-ring in place and ☒ lubed☒ photo: connectors ☒ connected☒ Loose pigtails taped to cable

Paro (Q1):

☒ Connected☒ Operational☒ Air pressure [PSI]: 11.2Ser.#: 98110☒ Cable mark: 1004.1☒ Distance to DOM1: 1.6 mAdapter: 4mNipple ☐ on ☒ off☐ Group photo☐ All clear to lower cable ☺

**Uphole Pressure Sensor (Setra)**

After DOM1 is safely under the surface (> 50 m)

Time: _____

- ☐ Stop the cable winch
- ☐ Lower Setra pressure sensor into hole
- ☐ Distance to Setra from floor: _____
- ☐ Setra readout verified with monitoring system
- ☐ Well depth from Setra: _____
- ☐ Well depth from laser: _____

If the two well depth measurements agree:

- ☐ Switch to Setra well depth in monitoring system

Time: _____

Now the String Drop begins

**String Drop***The target depth is 2450 m*☐ Switch cable winch to computer control☐ Speed: _____ Time: _____ Depth: _____☐ Speed: _____ Time: _____ Depth: _____☐ Speed: _____ Time: _____ Depth: _____☐ Speed: _____ Time: _____ Depth: _____☐ Speed: _____ Time: _____ Depth: _____☐ Speed: _____ Time: _____ Depth: _____**Depth Monitoring** (log on the fly – do not stop for this)

Depth Paro2 ¹	Time	Well depth ¹	Depth c/marks ²	Depth payout ¹	Δdepth P2-P1 ¹	Δdepth P2-K ¹	Δdepth K-P1 ¹
1000 m	0510	47.52		1919	1004.5		
1500 m							
2000 m	0514	47.52	1984	1992	1004.5		
2100 m	0521	47.52	2093	2101	1004.5		
2200 m	0529	47.52	2192	2200	1004.5		
2300 m	0537	47.52	2292	2300	1004.4		
2400 m	0545	47.52	2389	2399	1004.2		

¹Read off monitoring screen²Cable mark offset (at DOM60) is (p. 4): 3.15final well depth: 46.25☐ Switch to manual control @ 2400 m☐ Well depth@ 2420: 46.19@ 2440: 46.19☐ Position string at target depth of **2450 m**

Time: _____

☒ String secured with Yale grip and anchor chainTime: 06452452.5~~2453.8~~



Absolute depth with bottom Paro (depth in *meters* and pressure in *PSI*)

☐ Distance from Paro2 to DOM60:

$d_{\text{Paro2-DOM59}} = \underline{\hspace{2cm}}$ (from p. 4)

$d_{\text{Paro2-DOM60}} = (d_{\text{Paro2-DOM59}} + 17) \text{ m} = \underline{\hspace{2cm}}$ ← insert below

☐ Convert Paro2 pressure to string depth:

$K = 3.78151 \cdot 10^{-6} / \text{PSI}$ (compressibility of aerated water)

(use 6 decimals for exp's)

Ambient pressure (from p. 4): $P_0 = \underline{\hspace{2cm}} \text{ PSI} \rightarrow \exp(-KP_0) = \underline{\hspace{2cm}}$

Pressure reading (from screen): $P = \underline{\hspace{2cm}} \text{ PSI} \rightarrow \exp(-KP) = \underline{\hspace{2cm}}$

Subtract exponentials $\rightarrow$ $= \underline{\hspace{2cm}}$
 $\times 1.85947 \cdot 10^5$

Paro2 depth in water $\rightarrow$ $= \underline{\hspace{2cm}} \text{ m}$

Add distance to DOM60 (above) $\rightarrow$ $+ \underline{\hspace{2cm}} \text{ m}$

Add well depth $\rightarrow$ $+ \underline{\hspace{2cm}} \text{ m}$

Depth of bottom DOM $\rightarrow$ $= \underline{\hspace{2cm}} \text{ m}$

Final depth estimates

←----- read off deployment screen -----→

Time:	Paro2	Keller	Paro1	Payout	Cable marks
Reading	PSI	PSI	PSI	m	m
Offset	PSI	PSI	PSI	m	m
Well depth	m			This space is intentionally left blank	
Dist. to DOM60	m	m	m		
DEPTH (DOM60)					

Time:

Final depth (DOM60):



Deployment Closeout

- ☒ Log entries complete
- ☒ String safely secured
- ☒ Hole covered and secured
- ☐ Equipment safely shutdown and secured
- ☐ Deployment data OK (in database) ~
- ☐ Site cleanup
- ☐ Deployment crew dismissed
- ☒ String deployment complete

Time: 7:00 am Date: 12/26/05

A.K.
Shift Lead: [Signature]
name / signature

Logger: [Signature] (Ethan Dick)
name / signature

PTS Lead: [Signature]
name / signature

Deployment Manager: _____
name / signature

Safety Officer: _____
name / signature

IceCube On-ice Lead: [Signature]
name / signature

String 29 deployment

