

ภาคผนวก ข.16

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โครงการรับผิดชอบต่อสังคม  
ของบริษัท สตาร์ ปิโตรเลียม รีไฟน์นิ่ง จำกัด (มหาชน)



การสนับสนุนส่งเสริมชุมชนและการมีส่วนร่วมกับภาคสังคม

ประจำปี 2566 (กรกฎาคม - ธันวาคม)



*"One family ...  
fueling the future  
of Thailand"*

## การสนับสนุนส่งเสริมชุมชนและการมีส่วนร่วมกับภาคสังคม

SPRC ดำเนินงานด้านความรับผิดชอบต่อสังคม โดยมุ่งเน้นสนับสนุนการเติบโตขององค์กร สร้างคุณค่าให้แก่สังคมและชุมชน สร้างความเชื่อมั่นและการยอมรับจากชุมชน รวมถึงผู้มีส่วนได้เสียที่เกี่ยวข้องตามนโยบายความรับผิดชอบต่อสังคม โดยใช้แนวทางการมีส่วนร่วมและสื่อสารกับผู้มีส่วนได้เสียทุกระดับผ่านโครงการและกิจกรรมความรับผิดชอบต่อสังคม เพื่อตอบสนองความต้องการของชุมชน โดยครอบคลุม 4 ด้านหลักคือ

- ด้านการศึกษาและเยาวชน
- ด้านคุณภาพชีวิต
- ด้านสิ่งแวดล้อม และ
- ด้านสร้างความสัมพันธ์ในระยะยาวร่วมกับชุมชนโดยรอบ

โดยได้ดำเนินการผ่านกิจกรรมต่าง ๆ ดังนี้



2

## การสนับสนุนส่งเสริมชุมชนและการมีส่วนร่วมกับภาคสังคม

### ส่งเสริมด้านการศึกษา และเยาวชน



3

## การสนับสนุนส่งเสริมชุมชนและการมีส่วนร่วมกับภาคสังคม

### ส่งเสริมด้านการศึกษา และเยาวชน



4



ส่งเสริมด้านการศึกษา และเยาวชน



ส่งเสริมด้านการศึกษา และเยาวชน



ส่งเสริมด้านการศึกษา และเยาวชน



ส่งเสริมด้านการศึกษา และเยาวชน





ส่งเสริมด้านการศึกษา และเยาวชน



ส่งเสริมด้านคุณภาพชีวิต



ส่งเสริมด้านคุณภาพชีวิต



ส่งเสริมด้านคุณภาพชีวิต



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ส่งเสริมด้านคุณภาพชีวิต



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ส่งเสริมด้านคุณภาพชีวิต





SPRC สนับสนุนน้ำดื่ม 480 ขวด ในงานงานเดินวิ่งแดนซ์เพื่อสุขภาพ ณ ลานอเนกประสงค์ลาด 100เสา จ.ระยอง โดยมีผู้เข้าร่วมกิจกรรมกว่า 500 คน



การสนับสนุนส่งเสริมชุมชนและการมีส่วนร่วมกับภาคสังคม  
ส่งเสริมด้านคุณภาพชีวิต



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ส่งเสริมด้านสิ่งแวดล้อม



ส่งเสริมด้านสิ่งแวดล้อม



ส่งเสริมด้านสิ่งแวดล้อม



ส่งเสริมด้านสิ่งแวดล้อม



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ส่งเสริมด้านสิ่งแวดล้อม



กิจกรรมเชื่อมความสัมพันธ์ และสนับสนุนกิจกรรมอื่นๆ



กิจกรรมเชื่อมความสัมพันธ์ และสนับสนุนกิจกรรมอื่นๆ



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SPRC จัดงานเสวนาชุมชน เขต 1, 2 และ 3 เพื่อประชาสัมพันธ์การดำเนินงาน กลับมาโซใหม่ และรับฟังความคิดเห็นและความต้องการของกลุ่มประมง

กิจกรรมเชื่อมความสัมพันธ์ และสนับสนุนกิจกรรมอื่น ๆ



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## กิจกรรมเชื่อมความสัมพันธ์ และสนับสนุนกิจกรรมอื่น ๆ



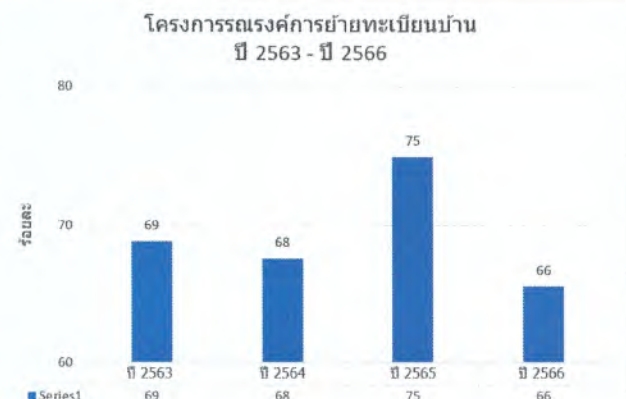
## กิจกรรมเชื่อมความสัมพันธ์ และสนับสนุนกิจกรรมอื่น ๆ



### โครงการรณรงค์ การย้ายทะเบียนบ้าน

- พนักงานมีทะเบียนบ้านอยู่ในจังหวัดระยอง จำนวน 350 คน จากพนักงานทั้งหมด 534 คน คิดเป็น 66%

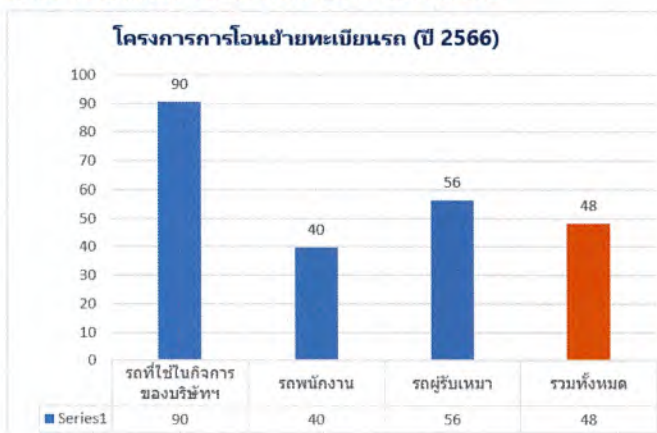
บริษัทฯ มีนโยบาย ถ้าพนักงานซื้อบ้านที่จังหวัดระยอง จะช่วยค่าดอกเบี้ยบ้านครึ่งหนึ่ง ซึ่งทางผู้บริหารของบริษัทฯ ได้เน้นย้ำ และไม่ให้มีการเปลี่ยนแปลงนโยบายนี้ ถึงแม้ว่าจะมีการร้องขอให้ขยายขอบเขตไปที่กรุงเทพหรือจังหวัดอื่น



### โครงการรณรงค์ การโอนย้ายทะเบียนรถ

- รถที่ใช้ในกิจการของบริษัทฯ จำนวนทั้งหมด 42 คัน จดทะเบียน จ.ระยอง จำนวน 38 คัน คิดเป็น 90.48%
- รถพนักงาน จำนวนทั้งหมด 906 คัน จดทะเบียน จ.ระยอง จำนวน 361 คัน คิดเป็น 39.85%
- รถผู้รับเหมา จำนวนทั้งหมด 752 คัน จดทะเบียน จ.ระยอง จำนวน 423 คัน คิดเป็น 56.25%

รวมคิดเป็น 48.35%





## รางวัลแห่งความภาคภูมิใจ



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## รางวัลแห่งความภาคภูมิใจ



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## รางวัลแห่งความภาคภูมิใจ



รางวัลและประกาศเกียรติคุณ "โรงงาน  
อุตสาหกรรม 4.0" ด้าน Smart Safety /  
Emergency



รางวัล ASEAN Corporate Governance  
Scorecard Virtual ปี 2565  
จากผลการประเมินการกำกับดูแลกิจการที่ดี  
ของบริษัทจดทะเบียนในอาเซียน (ASEAN CG  
Scorecard) สำหรับปี 2564 โดย Institute  
of Corporate Directors ประเทศฟิลิปปินส์

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## รางวัลแห่งความภาคภูมิใจ



ISO 9001:2015 มาตรฐานระบบการบริหารด้านคุณภาพ  
ISO 14001:2015 มาตรฐานระบบการบริหารสิ่งแวดล้อม  
ISO/IEC 17025:2005 มาตรฐานความสามารถห้องปฏิบัติการ  
ในการวิเคราะห์ และสอบเทียบ  
ISO 45001:2018 มาตรฐานระบบการบริหารด้านอาชีวอนามัย  
และความปลอดภัย



ได้รับการรับรองการเป็นสมาชิกแนวร่วมปฏิบัติของ  
ภาคเอกชนไทย ในการต่อต้านการทุจริต (The  
Thailand's Private Sector Collective Action  
Coalition Against Corruption หรือ CAC)

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รางวัลอุตสาหกรรมสีเขียว ระดับที่ 3:  
ระบบสีเขียว อันเป็นผลจากการที่บริษัทฯ  
มีการบริหารจัดการสิ่งแวดล้อมอย่างเป็น  
ระบบ มีการติดตามประเมินผล และทบทวน  
เพื่อการพัฒนาอย่างต่อเนื่อง (ปี 2562-  
2565) โดยกระทรวงอุตสาหกรรม





รางวัล CG Award ระดับดีเลิศ 5 ดาว ประจำปี  
2564 ต่อเนื่องเป็นปีที่ 5  
โดย สถาบันกรรมการบริษัทไทย (IOD) ร่วมกับ  
ตลาดหลักทรัพย์แห่งประเทศไทย (ตลท.)

## MSCI

บริษัทได้รับรางวัลคัดเลือกเข้าอยู่ในกลุ่มดัชนี MSCI Global  
Small Cap Indexes, 2563



SPRC ได้รับใบรับรองติดแสดง  
THAI STOP COVID-19 จาก กรมอนามัย


## ขอขอบพระคุณ



## ภาคผนวก ข.17

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ระเบียบปฏิบัติ เรื่อง การสื่อสารและการร้องเรียน  
ด้านสิ่งแวดล้อม อาชีวอนามัย และความปลอดภัย

Common		
 <b>EHS Communications &amp; Complaints</b>		
Prepared by:	Nipa Nimmansethakul	Number: EHS-SP-QS-0003
Approved by:	Angkana Panyaopart	Revision: 1.
Low	Medium	High



	EHS Communications & Complaints	Medium
		











For other internal communications, refer to the AM-SP-PA-002 Internal Communication.doc covers various communication channels, printing materials for staff, and internal communication survey.

**Appendix****Definitions**

N/A







## ภาคผนวก ข.18

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การตรวจสอบระบบท่อขนส่งน้ำมัน และท่อน้ำมันดิบกลางทะเล



STAR PETROLEUM REFINING COMPANY AND PTT GLOBAL CHEMICAL

Map Ta Phut 48" Subsea Crude Import Pipeline

Ocean Works Asia (Thailand) Co., Ltd.

**Pipeline Survey by  
ROV Report**

**Map Ta Phut 48" Subsea Crude Import Pipeline**

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25-May-23

Final Inspection Report

Rev. 1





<b>Map Ta Phut 48" Subsea Crude Import Pipeline</b>	Page 3 of 10	
	25-May-23	
Final Inspection Report	Rev. 1	



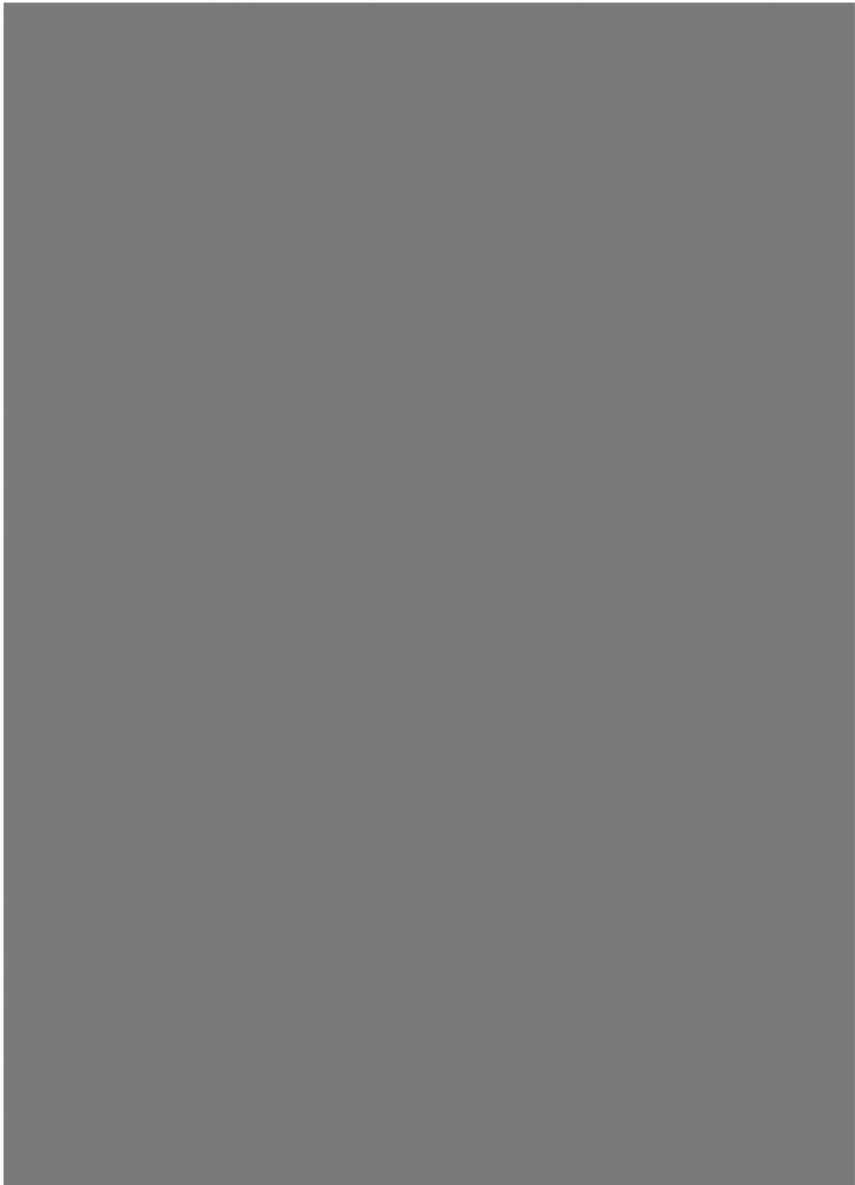
<b>Map Ta Phut 48" Subsea Crude Import Pipeline</b>	Page 4 of 10	
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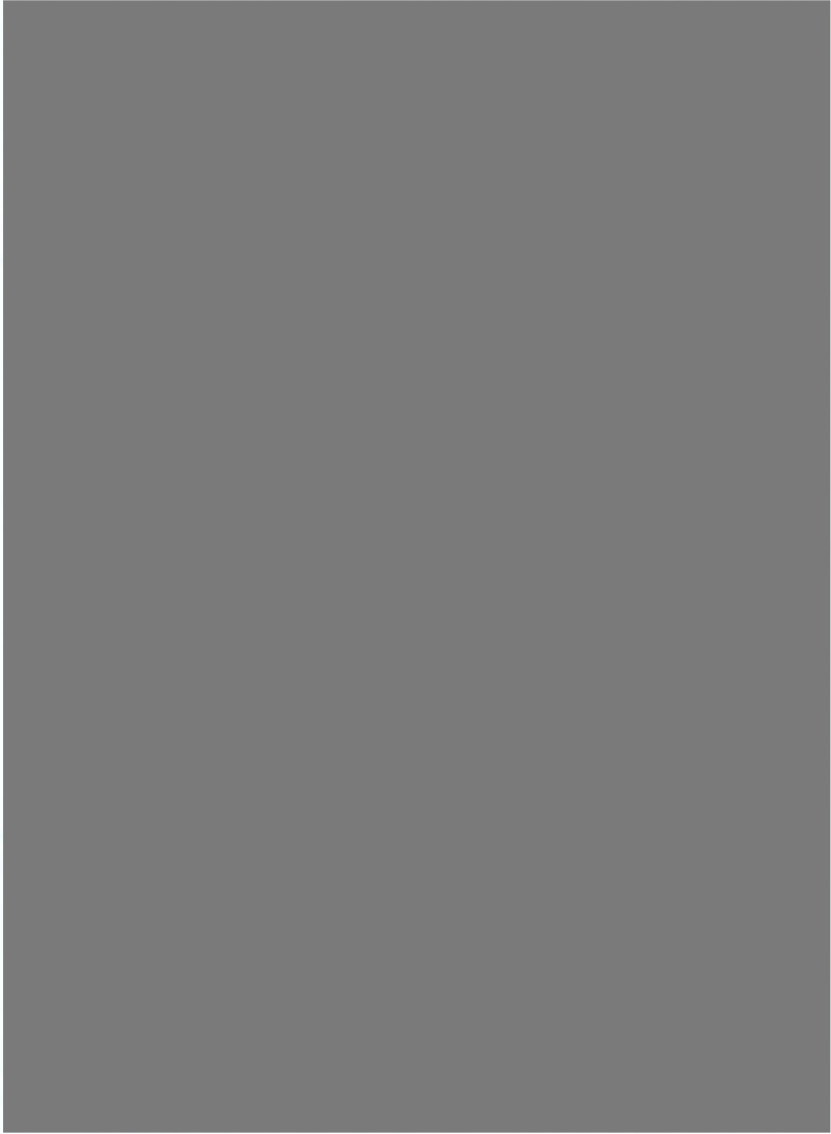


Map Ta Phut 48" Subsea Crude Import Pipeline	Page 5 of 10	
	25-May-23	
	Rev. 1	
Final Inspection Report		



Map Ta Phut 48" Subsea Crude Import Pipeline	Page 6 of 10	
	25-May-23	
Final Inspection Report	Rev. 1	









## Photo Log

Date	13 <sup>th</sup> April 2023	OWA Group	Thailand	Report No	53-66001-27-PL-01
Project No	53-66001	Dive/ROV Sys.	Falcon 12450	Dive No	Refer to dive log
Client	Star Petroleum Refining and PTT Global Chemical			Vessel	Uniwise Rayong
Project Name	PTTGC-SPRC SPM Diving Inspection and Maintenance - 48" Crude Import Pipeline Inspection				
Location	MAP TA PHUT SPM			Video Ref.	53-66001-27-VL-01

DATE	TIME	PHOTO FILE NAME	DESCRIPTION
13/04/2023	11:35:32	2023-0413-113532-385-CH1	KP0.008 - PLEM to Pipeline flange connection
13/04/2023	11:35:34	2023-0413-113534-394-CH1	KP0.008 - PLEM to Pipeline flange connection
13/04/2023	11:35:44	2023-0413-113544-535-CH1	KP0.008 - Cathodic Protection - CP Steel
13/04/2023	12:54:27	2023-0413-125427-666-CH1	KP0.008- Cathodic Protection - CP Steel. PLEM side of flange connection CP(-)969mV
13/04/2023	12:56:13	2023-0413-125613-120-CH1	KP0.009- Cathodic Protection - CP Steel. Pipeline side of flange connection CP(-)966mV
13/04/2023	13:06:41	2023-0413-130641-788-CH1	KP0.049- Debris - Netting.
13/04/2023	13:06:43	2023-0413-130643-821-CH1	KP0.049- Debris - Netting.
13/04/2023	13:10:50	2023-0413-131050-213-CH1	KP0.059- Debris - Fish Trap. Net
13/04/2023	13:11:04	2023-0413-131104-409-CH1	KP0.059- Debris - Fish Trap. Net
13/04/2023	14:45:28	2023-0413-144528-664-CH1	KP0.073- Debris - Netting.
13/04/2023	14:48:26	2023-0413-144826-088-CH1	KP0.084- Pipeline - Good Condition.
13/04/2023	14:51:28	2023-0413-145128-605-CH1	KP0.106- Pipeline - Good Condition.
13/04/2023	14:51:30	2023-0413-145130-629-CH1	KP0.106- Pipeline - Good Condition.
13/04/2023	15:00:01	2023-0413-150001-675-CH1	KP0.112- Field Joint - Good Condition.
13/04/2023	15:00:08	2023-0413-150008-779-CH1	KP0.112- Field Joint - Good Condition.
13/04/2023	15:06:34	2023-0413-150634-084-CH1	KP0.124- Debris - Netting.
13/04/2023	15:06:36	2023-0413-150636-112-CH1	KP0.124- Debris - Netting.
13/04/2023	15:09:49	2023-0413-150949-783-CH1	KP0.137- Debris - Netting.
13/04/2023	15:10:31	2023-0413-151031-355-CH1	KP0.141- Debris - Other.
13/04/2023	15:15:33	2023-0413-151533-519-CH1	KP0.171- Debris - Netting.
13/04/2023	15:16:43	2023-0413-151643-483-CH1	KP0.180- Debris - Netting.
13/04/2023	15:18:26	2023-0413-151826-912-CH1	KP0.186- Debris - Fishing Gear.
14/04/2023	09:12:45	2023-0414-091245-653-CH1	KP0.186- Debris - Fishing Gear.
14/04/2023	09:12:48	2023-0414-091248-693-CH1	KP0.186- Debris - Fishing Gear.
14/04/2023	09:13:16	2023-0414-091316-071-CH1	KP0.186- Debris - Fishing Gear.
15/04/2023	12:22:05	2023-0415-122205-498-CH1	KP0.188- Debris - Pipe.
15/04/2023	12:24:37	2023-0415-122437-595-CH1	KP0.191- Debris - Other. Basket
15/04/2023	12:26:55	2023-0415-122655-496-CH1	KP0.206- Debris - Other.
15/04/2023	12:27:54	2023-0415-122754-305-CH1	KP0.210- Debris - Fishing Gear. Net
15/04/2023	12:28:13	2023-0415-122813-574-CH1	KP0.210- Debris - Fishing Gear. Net
15/04/2023	12:32:15	2023-0415-123215-912-CH1	KP0.246- Debris - Other.
15/04/2023	12:34:20	2023-0415-123420-630-CH1	KP0.256- Debris - Other.
15/04/2023	12:36:51	2023-0415-123651-714-CH1	KP0.271- Debris - Fishing Gear. Net
15/04/2023	12:37:46	2023-0415-123746-469-CH1	KP0.274- Debris - Other.
15/04/2023	12:39:03	2023-0415-123903-530-CH1	KP0.277- Debris - Fishing Gear. Net
15/04/2023	13:42:25	2023-0415-134225-969-CH1	KP0.279- Debris - Fish Trap.
15/04/2023	13:49:01	2023-0415-134901-391-CH1	KP0.280- Debris - Fish Trap.
15/04/2023	13:50:04	2023-0415-135004-257-CH1	KP0.283- Debris - Fish Trap.
15/04/2023	13:51:06	2023-0415-135106-111-CH1	KP0.287- Debris - Fish Trap.





## Photo Log

DATE	TIME	PHOTO FILE NAME	DESCRIPTION
15/04/2023	13:52:40	2023-0415-135240-418-CH1	KP0.296- Field Joint - Bitumen Missing.
15/04/2023	13:54:37	2023-0415-135437-018-CH1	KP0.305- Debris - Fishing Gear.
15/04/2023	13:55:59	2023-0415-135559-149-CH1	KP0.309- Field Joint - Bitumen Missing.
15/04/2023	13:57:36	2023-0415-135736-491-CH1	KP0.321- Field Joint - Bitumen Missing.
15/04/2023	13:59:05	2023-0415-135905-725-CH1	KP0.334- Field Joint - Bitumen Missing.
15/04/2023	14:00:21	2023-0415-140021-786-CH1	KP0.345- Debris - Fishing Gear.
15/04/2023	14:02:48	2023-0415-140248-795-CH1	KP0.346- Field Joint - Bitumen Missing.
15/04/2023	14:03:21	2023-0415-140321-243-CH1	KP0.346- Field Joint - Bitumen Missing.
15/04/2023	14:03:43	2023-0415-140343-549-CH1	KP0.348- Debris - Fishing Gear.
15/04/2023	14:05:03	2023-0415-140503-659-CH1	KP0.353- Debris - Fishing Gear.
15/04/2023	14:06:44	2023-0415-140644-039-CH1	KP0.365- Anode Assessment - 25-50% Wasted.
15/04/2023	14:12:55	2023-0415-141255-152-CH1	KP0.401- Debris - Soft Rope.
15/04/2023	14:14:51	2023-0415-141451-759-CH1	KP0.422- Field Joint - Bitumen Missing.
15/04/2023	14:18:50	2023-0415-141850-044-CH1	KP0.458- Debris - Fishing Gear.
15/04/2023	14:19:52	2023-0415-141952-909-CH1	KP0.461- Debris - Debris Field.
15/04/2023	15:23:17	2023-0415-152317-364-CH1	KP0.496- Debris - Fishing Gear.
15/04/2023	15:23:50	2023-0415-152350-824-CH1	KP0.498- Field Joint - Bitumen Missing.
15/04/2023	15:26:50	2023-0415-152650-298-CH1	KP0.523- Field Joint - Bitumen Missing.
15/04/2023	15:28:03	2023-0415-152803-323-CH1	KP0.536- Field Joint - Bitumen Missing.
15/04/2023	15:29:25	2023-0415-152925-436-CH1	KP0.549- Field Joint - Bitumen Missing.
15/04/2023	15:30:45	2023-0415-153045-543-CH1	KP0.559- Debris - Fishing Gear.
15/04/2023	15:31:22	2023-0415-153122-056-CH1	KP0.561- Field Joint - Bitumen Missing.
15/04/2023	15:33:17	2023-0415-153317-637-CH1	KP0.574- Field Joint - Bitumen Missing.
15/04/2023	15:37:58	2023-0415-153758-506-CH1	KP0.600- Field Joint - Bitumen Missing.
15/04/2023	15:38:57	2023-0415-153857-319-CH1	KP0.613- Field Joint - Bitumen Missing.
15/04/2023	15:41:39	2023-0415-154139-553-CH1	KP0.618- Field Joint - Bitumen Missing.
15/04/2023	15:42:34	2023-0415-154234-322-CH1	KP0.625- Field Joint - Bitumen Missing.
15/04/2023	15:44:01	2023-0415-154401-514-CH1	KP0.638- Field Joint - Bitumen Missing.
15/04/2023	15:46:42	2023-0415-154642-729-CH1	KP0.652- Field Joint - Bitumen Missing.
17/04/2023	10:17:07	2023-0417-101707-885-CH1	KP0.652- Field Joint - Bitumen Missing.
17/04/2023	10:18:07	2023-0417-101807-709-CH1	KP0.655- Debris - Fishing Gear. Net
17/04/2023	10:19:07	2023-0417-101907-536-CH1	KP0.663- Debris - Fishing Gear. Net
17/04/2023	10:20:32	2023-0417-102032-708-CH1	KP0.672- Debris - Fishing Gear. Net
17/04/2023	10:21:22	2023-0417-102122-392-CH1	KP0.676- Debris - Fishing Gear. Net
17/04/2023	10:22:34	2023-0417-102234-386-CH1	KP0.690- Field Joint - Bitumen Missing.
17/04/2023	10:23:37	2023-0417-102337-266-CH1	KP0.702- Debris - Fishing Gear.
17/04/2023	10:24:30	2023-0417-102430-992-CH1	KP0.709- Debris - Fishing Gear.
17/04/2023	10:25:05	2023-0417-102505-470-CH1	KP0.712- Debris - Fishing Gear.
17/04/2023	10:25:42	2023-0417-102542-984-CH1	KP0.718- Debris - Fishing Gear.
17/04/2023	10:26:14	2023-0417-102614-419-CH1	KP0.721- Debris - Fishing Gear.
17/04/2023	10:27:39	2023-0417-102739-592-CH1	KP0.728- Field Joint - Bitumen Missing.
17/04/2023	10:27:49	2023-0417-102749-733-CH1	KP0.728- Field Joint - Bitumen Missing.
17/04/2023	10:28:18	2023-0417-102818-122-CH1	KP0.731- Debris - Fishing Gear.
17/04/2023	10:30:21	2023-0417-103021-829-CH1	KP0.766- Field Joint - Bitumen Missing.
17/04/2023	10:31:14	2023-0417-103114-555-CH1	KP0.775- Debris - Fishing Gear.
17/04/2023	10:31:40	2023-0417-103140-919-CH1	KP0.779- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
17/04/2023	10:35:04	2023-0417-103504-730-CH1	KP0.817- Field Joint - Bitumen Missing.
17/04/2023	10:37:17	2023-0417-103717-574-CH1	KP0.837- Debris - Fishing Gear.
17/04/2023	10:38:05	2023-0417-103805-215-CH1	KP0.842- Field Joint - Bitumen Missing.
17/04/2023	10:39:41	2023-0417-103941-544-CH1	KP0.856- Field Joint - Bitumen Missing.
17/04/2023	10:58:14	2023-0417-105814-888-CH1	KP0.869- Field Joint - Bitumen Missing.
17/04/2023	11:00:11	2023-0417-110011-494-CH1	KP0.881- Field Joint - Bitumen Missing.
17/04/2023	11:15:07	2023-0417-111507-849-CH1	KP0.893- Field Joint - Bitumen Missing.
17/04/2023	11:16:09	2023-0417-111609-705-CH1	KP0.906- Field Joint - Bitumen Missing.
17/04/2023	11:17:10	2023-0417-111710-542-CH1	KP0.919- Field Joint - Bitumen Missing.
17/04/2023	11:18:53	2023-0417-111853-967-CH1	KP0.946- Field Joint - Bitumen Missing.
17/04/2023	11:19:52	2023-0417-111952-776-CH1	KP0.958- Field Joint - Bitumen Missing.
17/04/2023	11:20:06	2023-0417-112006-974-CH1	KP0.958- Field Joint - Bitumen Missing.
17/04/2023	11:20:59	2023-0417-112059-699-CH1	KP0.970- Field Joint - Bitumen Missing.
17/04/2023	11:22:09	2023-0417-112209-665-CH1	KP0.983- Field Joint - Bitumen Missing.
17/04/2023	11:23:02	2023-0417-112302-390-CH1	KP0.995- Field Joint - Bitumen Missing.
17/04/2023	11:24:06	2023-0417-112406-272-CH1	KP1.007- Field Joint - Bitumen Missing.
17/04/2023	11:25:08	2023-0417-112508-124-CH1	KP1.021- Field Joint - Bitumen Missing.
17/04/2023	11:26:07	2023-0417-112607-947-CH1	KP1.033- Field Joint - Bitumen Missing.
17/04/2023	11:26:55	2023-0417-112655-607-CH1	KP1.045- Field Joint - Bitumen Missing.
17/04/2023	11:27:47	2023-0417-112747-319-CH1	KP1.057- Field Joint - Bitumen Missing.
17/04/2023	11:28:50	2023-0417-112850-184-CH1	KP1.070- Field Joint - Bitumen Missing.
17/04/2023	11:29:38	2023-0417-112938-857-CH1	KP1.082- Field Joint - Bitumen Missing.
17/04/2023	11:30:38	2023-0417-113038-681-CH1	KP1.098- Field Joint - Bitumen Missing.
17/04/2023	11:31:33	2023-0417-113133-434-CH1	KP1.108- Field Joint - Bitumen Missing.
17/04/2023	11:32:25	2023-0417-113225-150-CH1	KP1.121- Field Joint - Bitumen Missing.
17/04/2023	11:33:39	2023-0417-113339-169-CH1	KP1.133- Field Joint - Bitumen Missing.
17/04/2023	11:34:41	2023-0417-113441-021-CH1	KP1.146- Field Joint - Bitumen Missing.
17/04/2023	11:35:33	2023-0417-113533-752-CH1	KP1.158- Field Joint - Bitumen Missing.
17/04/2023	11:37:03	2023-0417-113703-996-CH1	KP1.171- Field Joint - Bitumen Missing.
17/04/2023	11:37:57	2023-0417-113757-741-CH1	KP1.184- Field Joint - Bitumen Missing.
17/04/2023	11:39:12	2023-0417-113912-765-CH1	KP1.197- Field Joint - Bitumen Missing.
17/04/2023	11:40:05	2023-0417-114005-495-CH1	KP1.209- Field Joint - Bitumen Missing.
17/04/2023	11:41:01	2023-0417-114101-266-CH1	KP1.222- Field Joint - Bitumen Missing.
17/04/2023	11:41:35	2023-0417-114135-754-CH1	KP1.228- Debris - Fishing Gear.
17/04/2023	11:42:23	2023-0417-114223-396-CH1	KP1.234- Field Joint - Bitumen Missing.
17/04/2023	11:43:26	2023-0417-114326-268-CH1	KP1.247- Field Joint - Bitumen Missing.
17/04/2023	11:44:23	2023-0417-114423-041-CH1	KP1.256- Debris - Soft Debris.
17/04/2023	11:45:33	2023-0417-114533-006-CH1	KP1.272- Field Joint - Bitumen Missing.
17/04/2023	11:46:24	2023-0417-114624-720-CH1	KP1.283- Debris - Fishing Gear.
17/04/2023	11:47:20	2023-0417-114720-488-CH1	KP1.298- Field Joint - Bitumen Missing.
17/04/2023	11:48:50	2023-0417-114850-735-CH1	KP1.311- Field Joint - Bitumen Missing.
17/04/2023	11:49:34	2023-0417-114934-334-CH1	KP1.323- Field Joint - Bitumen Missing.
17/04/2023	11:50:18	2023-0417-115018-947-CH1	KP1.334- Field Joint - Bitumen Missing.
17/04/2023	11:51:13	2023-0417-115113-707-CH1	KP1.348- Field Joint - Bitumen Missing.
17/04/2023	11:51:39	2023-0417-115139-052-CH1	KP1.351- Debris - Fishing Gear.
17/04/2023	11:52:17	2023-0417-115217-583-CH1	KP1.360- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
17/04/2023	11:52:58	2023-0417-115258-149-CH1	KP1.368- Debris - Fishing Gear.
17/04/2023	11:54:53	2023-0417-115453-737-CH1	KP1.374- Field Joint - Bitumen Missing.
17/04/2023	11:56:22	2023-0417-115622-967-CH1	KP1.385- Field Joint - Bitumen Missing.
17/04/2023	11:57:29	2023-0417-115729-886-CH1	KP1.399- Field Joint - Bitumen Missing.
17/04/2023	11:58:19	2023-0417-115819-575-CH1	KP1.411- Field Joint - Bitumen Missing.
17/04/2023	11:59:14	2023-0417-115914-332-CH1	KP1.424- Field Joint - Bitumen Missing.
17/04/2023	12:00:09	2023-0417-120009-084-CH1	KP1.438- Field Joint - Bitumen Missing.
17/04/2023	12:01:09	2023-0417-120109-920-CH1	KP1.450- Debris - Fishing Gear.
17/04/2023	12:01:59	2023-0417-120159-606-CH1	KP1.462- Field Joint - Bitumen Missing.
17/04/2023	12:02:30	2023-0417-120230-025-CH1	KP1.469- Debris - Fishing Gear.
17/04/2023	12:03:06	2023-0417-120306-528-CH1	KP1.476- Field Joint - Bitumen Missing.
17/04/2023	12:03:45	2023-0417-120345-060-CH1	KP1.488- Field Joint - Bitumen Missing.
17/04/2023	12:04:28	2023-0417-120428-663-CH1	KP1.500- Field Joint - Bitumen Missing.
17/04/2023	13:54:26	2023-0417-135426-600-CH1	KP1.525- Field Joint - Bitumen Missing.
17/04/2023	13:55:25	2023-0417-135525-411-CH1	KP1.538- Field Joint - Bitumen Missing.
17/04/2023	13:56:27	2023-0417-135627-264-CH1	KP1.550- Field Joint - Bitumen Missing.
17/04/2023	13:57:33	2023-0417-135733-176-CH1	KP1.562- Field Joint - Bitumen Missing.
17/04/2023	13:58:15	2023-0417-135815-758-CH1	KP1.569- Debris - Fishing Gear.
17/04/2023	14:15:43	2023-0417-141543-195-CH1	KP1.601- Field Joint - Bitumen Missing.
17/04/2023	14:16:52	2023-0417-141652-145-CH1	KP1.614- Field Joint - Bitumen Missing.
17/04/2023	14:20:45	2023-0417-142045-360-CH1	KP1.636- Debris - Soft Debris.
17/04/2023	14:22:35	2023-0417-142235-883-CH1	KP1.649- Debris - Netting.
17/04/2023	14:41:49	2023-0417-144149-787-CH1	KP1.673- Debris - Fishing Gear.
17/04/2023	14:43:13	2023-0417-144313-948-CH1	KP1.692- Debris - Soft Rope.
17/04/2023	14:44:28	2023-0417-144428-983-CH1	KP1.704- Debris - Soft Rope.
17/04/2023	14:45:47	2023-0417-144547-057-CH1	KP1.715- Field Joint - Bitumen Missing.
17/04/2023	14:48:20	2023-0417-144820-168-CH1	KP1.754- Field Joint - Bitumen Missing.
17/04/2023	14:50:14	2023-0417-145014-750-CH1	KP1.779- Field Joint - Bitumen Missing.
17/04/2023	14:51:24	2023-0417-145124-712-CH1	KP1.791- Field Joint - Bitumen Missing.
17/04/2023	14:53:25	2023-0417-145325-375-CH1	KP1.817- Field Joint - Bitumen Missing.
17/04/2023	14:56:32	2023-0417-145632-960-CH1	KP1.855- Field Joint - Bitumen Missing.
17/04/2023	14:57:23	2023-0417-145723-658-CH1	KP1.865- Field Joint - Bitumen Missing.
17/04/2023	14:59:11	2023-0417-145911-139-CH1	KP1.880- Field Joint - Bitumen Missing.
17/04/2023	15:00:51	2023-0417-150051-524-CH1	KP1.893- Field Joint - Bitumen Missing.
17/04/2023	15:19:43	2023-0417-151943-127-CH1	KP1.918- Field Joint - Bitumen Missing.
17/04/2023	15:20:43	2023-0417-152043-962-CH1	KP1.931- Field Joint - Bitumen Missing.
17/04/2023	15:21:55	2023-0417-152155-959-CH1	KP1.944- Field Joint - Bitumen Missing.
17/04/2023	15:23:14	2023-0417-152314-029-CH1	KP1.957- Field Joint - Bitumen Missing.
17/04/2023	15:39:07	2023-0417-153907-167-CH1	KP1.970- Field Joint - Bitumen Missing.
17/04/2023	15:40:55	2023-0417-154055-663-CH1	KP1.994- Field Joint - Bitumen Missing.
17/04/2023	15:42:04	2023-0417-154204-610-CH1	KP2.008- Field Joint - Bitumen Missing.
17/04/2023	15:43:19	2023-0417-154319-645-CH1	KP2.020- Field Joint - Bitumen Missing.
17/04/2023	15:44:27	2023-0417-154427-582-CH1	KP2.033- Field Joint - Bitumen Missing.
17/04/2023	15:45:40	2023-0417-154540-589-CH1	KP2.045- Field Joint - Bitumen Missing.
17/04/2023	15:50:29	2023-0417-155029-570-CH1	KP2.071- Field Joint - Bitumen Missing.
17/04/2023	15:51:28	2023-0417-155128-380-CH1	KP2.084- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
17/04/2023	15:52:24	2023-0417-155224-156-CH1	KP2.097- Field Joint - Bitumen Missing.
17/04/2023	15:53:17	2023-0417-155317-889-CH1	KP2.110- Field Joint - Bitumen Missing.
17/04/2023	15:54:45	2023-0417-155445-093-CH1	KP2.123- Field Joint - Bitumen Missing.
17/04/2023	15:55:42	2023-0417-155542-889-CH1	KP2.135- Field Joint - Bitumen Missing.
17/04/2023	15:56:25	2023-0417-155625-477-CH1	KP2.140- Anode Assessment - 25-50% Wasted.
17/04/2023	15:57:25	2023-0417-155725-301-CH1	KP2.148- Field Joint - Bitumen Missing.
17/04/2023	15:58:20	2023-0417-155820-057-CH1	KP2.160- Field Joint - Bitumen Missing.
17/04/2023	15:59:01	2023-0417-155901-629-CH1	KP2.173- Debris - Fishing Gear.
17/04/2023	16:02:05	2023-0417-160205-157-CH1	KP2.186- Field Joint - Bitumen Missing.
18/04/2023	08:29:35	2023-0418-082935-718-CH1	KP2.212- Field Joint - Bitumen Missing.
18/04/2023	08:33:40	2023-0418-083340-088-CH1	KP2.262- Field Joint - Bitumen Missing.
18/04/2023	08:34:17	2023-0418-083417-606-CH1	KP2.268- Anode Assessment - 25-50% Wasted.
18/04/2023	08:34:30	2023-0418-083430-788-CH1	KP2.268- Anode Assessment - 25-50% Wasted.
18/04/2023	08:35:15	2023-0418-083515-402-CH1	KP2.272- Debris - Soft Rope.
18/04/2023	08:38:55	2023-0418-083855-433-CH1	KP2.326- Field Joint - Bitumen Missing.
18/04/2023	08:41:22	2023-0418-084122-463-CH1	KP2.351- Field Joint - Bitumen Missing.
18/04/2023	08:42:38	2023-0418-084238-512-CH1	KP2.364- Field Joint - Bitumen Missing.
18/04/2023	08:44:12	2023-0418-084412-808-CH1	KP2.376- Field Joint - Bitumen Missing.
18/04/2023	08:44:20	2023-0418-084420-934-CH1	KP2.376- Field Joint - Bitumen Missing.
18/04/2023	08:45:19	2023-0418-084519-731-CH1	KP2.388- Field Joint - Bitumen Missing.
18/04/2023	08:46:23	2023-0418-084623-615-CH1	KP2.393- Debris - Other.
18/04/2023	09:02:42	2023-0418-090242-116-CH1	KP2.402- Field Joint - Bitumen Missing.
18/04/2023	09:03:40	2023-0418-090340-926-CH1	KP2.414- Field Joint - Bitumen Missing.
18/04/2023	09:04:56	2023-0418-090456-975-CH1	KP2.427- Field Joint - Bitumen Missing.
18/04/2023	09:06:01	2023-0418-090601-869-CH1	KP2.439- Field Joint - Bitumen Missing.
18/04/2023	09:07:02	2023-0418-090702-707-CH1	KP2.452- Field Joint - Bitumen Missing.
18/04/2023	09:07:51	2023-0418-090751-380-CH1	KP2.463- Debris - Soft Rope.
18/04/2023	09:08:53	2023-0418-090853-233-CH1	KP2.478- Field Joint - Bitumen Missing.
18/04/2023	09:09:47	2023-0418-090947-988-CH1	KP2.490- Field Joint - Bitumen Missing.
18/04/2023	09:10:33	2023-0418-091033-617-CH1	KP2.502- Field Joint - Bitumen Missing.
18/04/2023	09:11:20	2023-0418-091120-259-CH1	KP2.515- Field Joint - Bitumen Missing.
18/04/2023	09:12:05	2023-0418-091205-887-CH1	KP2.521- Anode Assessment - 25-50% Wasted.
18/04/2023	09:36:20	2023-0418-093620-943-CH1	KP2.528- Field Joint - Bitumen Missing.
18/04/2023	09:37:20	2023-0418-093720-767-CH1	KP2.539- Debris - Fishing Gear.
18/04/2023	09:38:31	2023-0418-093831-746-CH1	KP2.553- Field Joint - Bitumen Missing.
18/04/2023	09:40:12	2023-0418-094012-128-CH1	KP2.579- Field Joint - Bitumen Missing.
18/04/2023	09:41:50	2023-0418-094150-485-CH1	KP2.605- Field Joint - Bitumen Missing.
18/04/2023	09:42:47	2023-0418-094247-267-CH1	KP2.618- Field Joint - Bitumen Missing.
18/04/2023	09:44:19	2023-0418-094419-538-CH1	KP2.643- Field Joint - Bitumen Missing.
18/04/2023	09:44:57	2023-0418-094457-058-CH1	KP2.649- Anode Assessment - 25-50% Wasted.
18/04/2023	09:46:13	2023-0418-094613-104-CH1	KP2.655- Field Joint - Bitumen Missing.
18/04/2023	09:46:58	2023-0418-094658-734-CH1	KP2.668- Field Joint - Bitumen Missing.
18/04/2023	09:47:49	2023-0418-094749-430-CH1	KP2.682- Field Joint - Bitumen Missing.
18/04/2023	09:48:47	2023-0418-094847-228-CH1	KP2.694- Field Joint - Bitumen Missing.
18/04/2023	09:49:38	2023-0418-094938-943-CH1	KP2.707- Field Joint - Bitumen Missing.
18/04/2023	09:50:14	2023-0418-095014-435-CH1	KP2.719- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
18/04/2023	09:51:04	2023-0418-095104-115-CH1	KP2.733- Field Joint - Bitumen Missing.
18/04/2023	09:51:58	2023-0418-095158-875-CH1	KP2.745- Field Joint - Bitumen Missing.
18/04/2023	09:52:57	2023-0418-095257-679-CH1	KP2.758- Field Joint - Bitumen Missing.
18/04/2023	10:33:52	2023-0418-103352-515-CH1	KP2.768- Field Joint - Bitumen Missing.
18/04/2023	10:34:49	2023-0418-103449-306-CH1	KP2.775- Anode Assessment - 25-50% Wasted.
18/04/2023	10:36:29	2023-0418-103629-682-CH1	KP2.794- Field Joint - Bitumen Missing.
18/04/2023	10:38:03	2023-0418-103803-980-CH1	KP2.821- Field Joint - Bitumen Missing.
18/04/2023	10:38:52	2023-0418-103852-653-CH1	KP2.833- Field Joint - Bitumen Missing.
18/04/2023	10:39:44	2023-0418-103944-364-CH1	KP2.846- Field Joint - Bitumen Missing.
18/04/2023	10:40:14	2023-0418-104014-784-CH1	KP2.848- Debris - Fishing Gear.
18/04/2023	10:41:13	2023-0418-104113-594-CH1	KP2.858- Field Joint - Bitumen Missing.
18/04/2023	10:44:07	2023-0418-104407-997-CH1	KP2.903- Anode Assessment - 25-50% Wasted.
18/04/2023	10:44:39	2023-0418-104439-432-CH1	KP2.908- Field Joint - Bitumen Missing.
18/04/2023	10:45:38	2023-0418-104538-243-CH1	KP2.921- Field Joint - Bitumen Missing.
18/04/2023	10:46:23	2023-0418-104623-871-CH1	KP2.934- Field Joint - Bitumen Missing.
18/04/2023	10:47:13	2023-0418-104713-558-CH1	KP2.947- Field Joint - Bitumen Missing.
18/04/2023	10:48:00	2023-0418-104800-198-CH1	KP2.959- Field Joint - Bitumen Missing.
18/04/2023	10:48:48	2023-0418-104848-874-CH1	KP2.971- Field Joint - Bitumen Missing.
18/04/2023	10:50:17	2023-0418-105017-089-CH1	KP2.997- Field Joint - Bitumen Missing.
18/04/2023	10:51:04	2023-0418-105104-743-CH1	KP3.010- Field Joint - Bitumen Missing.
18/04/2023	10:51:53	2023-0418-105153-414-CH1	KP3.023- Field Joint - Bitumen Missing.
18/04/2023	10:52:32	2023-0418-105232-958-CH1	KP3.030- Anode Assessment - 25-50% Wasted.
18/04/2023	10:57:35	2023-0418-105735-125-CH1	KP3.035- Field Joint - Bitumen Missing.
18/04/2023	10:58:29	2023-0418-105829-879-CH1	KP3.047- Field Joint - Bitumen Missing.
18/04/2023	10:59:14	2023-0418-105914-497-CH1	KP3.060- Field Joint - Bitumen Missing.
18/04/2023	11:01:34	2023-0418-110134-424-CH1	KP3.100- Field Joint - Bitumen Missing.
18/04/2023	11:02:23	2023-0418-110223-092-CH1	KP3.112- Field Joint - Bitumen Missing.
18/04/2023	11:03:41	2023-0418-110341-167-CH1	KP3.131- Debris - Fishing Gear.
18/04/2023	11:04:29	2023-0418-110429-838-CH1	KP3.138- Field Joint - Bitumen Missing.
18/04/2023	11:05:28	2023-0418-110528-650-CH1	KP3.150- Field Joint - Bitumen Missing.
18/04/2023	11:06:07	2023-0418-110607-187-CH1	KP3.157- Anode Assessment - 25-50% Wasted.
18/04/2023	11:06:41	2023-0418-110641-655-CH1	KP3.163- Field Joint - Bitumen Missing.
18/04/2023	11:07:39	2023-0418-110739-452-CH1	KP3.176- Field Joint - Bitumen Missing.
18/04/2023	11:08:25	2023-0418-110825-081-CH1	KP3.188- Field Joint - Bitumen Missing.
18/04/2023	11:09:28	2023-0418-110928-961-CH1	KP3.200- Field Joint - Bitumen Missing.
18/04/2023	11:10:21	2023-0418-111021-689-CH1	KP3.212- Field Joint - Bitumen Missing.
18/04/2023	11:11:53	2023-0418-111153-961-CH1	KP3.239- Field Joint - Bitumen Missing.
18/04/2023	11:12:46	2023-0418-111246-689-CH1	KP3.252- Field Joint - Bitumen Missing.
18/04/2023	11:13:44	2023-0418-111344-484-CH1	KP3.264- Field Joint - Bitumen Missing.
18/04/2023	11:14:34	2023-0418-111434-168-CH1	KP3.276- Field Joint - Bitumen Missing.
18/04/2023	11:15:13	2023-0418-111513-713-CH1	KP3.282- Anode Assessment - 25-50% Wasted. CP(-)987mV
18/04/2023	11:16:27	2023-0418-111627-733-CH1	KP3.282- Anode Assessment - 25-50% Wasted. CP(-)987mV
18/04/2023	11:16:31	2023-0418-111631-789-CH1	KP3.282- Anode Assessment - 25-50% Wasted. CP(-)987mV
18/04/2023	11:16:34	2023-0418-111634-830-CH1	KP3.288- Field Joint - Bitumen Missing.
18/04/2023	11:30:20	2023-0418-113020-207-CH1	KP3.288- Field Joint - Bitumen Missing.
18/04/2023	11:31:40	2023-0418-113140-311-CH1	KP3.312- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
18/04/2023	11:32:34	2023-0418-113234-051-CH1	KP3.325- Field Joint - Bitumen Missing.
18/04/2023	11:33:26	2023-0418-113326-783-CH1	KP3.337- Field Joint - Bitumen Missing.
18/04/2023	11:34:21	2023-0418-113421-534-CH1	KP3.350- Field Joint - Bitumen Missing.
18/04/2023	11:35:00	2023-0418-113500-064-CH1	KP3.363- Field Joint - Bitumen Missing.
18/04/2023	11:35:44	2023-0418-113544-679-CH1	KP3.376- Field Joint - Bitumen Missing.
18/04/2023	11:36:32	2023-0418-113632-337-CH1	KP3.387- Debris - Fishing Gear.
18/04/2023	11:37:34	2023-0418-113734-189-CH1	KP3.401- Field Joint - Bitumen Missing.
18/04/2023	11:38:07	2023-0418-113807-652-CH1	KP3.410- Anode Assessment - 25-50% Wasted.
18/04/2023	11:40:01	2023-0418-114001-214-CH1	KP3.414- Field Joint - Bitumen Missing.
18/04/2023	11:40:44	2023-0418-114044-816-CH1	KP3.426- Field Joint - Bitumen Missing.
18/04/2023	11:41:42	2023-0418-114142-613-CH1	KP3.442- Debris - Fishing Gear.
18/04/2023	11:42:34	2023-0418-114234-325-CH1	KP3.452- Field Joint - Bitumen Missing.
18/04/2023	11:45:26	2023-0418-114526-702-CH1	KP3.502- Field Joint - Bitumen Missing.
18/04/2023	11:46:11	2023-0418-114611-316-CH1	KP3.516- Field Joint - Bitumen Missing.
18/04/2023	11:46:54	2023-0418-114654-919-CH1	KP3.527- Field Joint - Bitumen Missing.
18/04/2023	11:47:31	2023-0418-114731-423-CH1	KP3.533- Anode Assessment - 25-50% Wasted.
18/04/2023	11:50:51	2023-0418-115051-172-CH1	KP3.541- Field Joint - Bitumen Missing.
18/04/2023	11:52:25	2023-0418-115225-473-CH1	KP3.566- Field Joint - Bitumen Missing.
18/04/2023	11:53:12	2023-0418-115312-115-CH1	KP3.578- Field Joint - Bitumen Missing.
18/04/2023	11:53:55	2023-0418-115355-721-CH1	KP3.591- Field Joint - Bitumen Missing.
18/04/2023	11:55:03	2023-0418-115503-653-CH1	KP3.604- Field Joint - Bitumen Missing.
18/04/2023	11:55:51	2023-0418-115551-310-CH1	KP3.617- Field Joint - Bitumen Missing.
18/04/2023	11:56:35	2023-0418-115635-925-CH1	KP3.630- Field Joint - Bitumen Missing.
18/04/2023	11:57:12	2023-0418-115712-429-CH1	KP3.655- Field Joint - Bitumen Missing.
18/04/2023	11:57:54	2023-0418-115754-006-CH1	KP3.655- Field Joint - Bitumen Missing.
18/04/2023	11:58:27	2023-0418-115827-464-CH1	KP3.660- Anode Assessment - 25-50% Wasted.
18/04/2023	11:59:08	2023-0418-115908-021-CH1	KP3.667- Field Joint - Bitumen Missing.
18/04/2023	12:00:02	2023-0418-120002-774-CH1	KP3.680- Field Joint - Bitumen Missing.
18/04/2023	13:27:03	2023-0418-132703-786-CH1	KP3.690- Field Joint - Bitumen Missing.
18/04/2023	13:28:01	2023-0418-132801-583-CH1	KP3.703- Field Joint - Bitumen Missing.
18/04/2023	13:29:03	2023-0418-132903-434-CH1	KP3.716- Field Joint - Bitumen Missing.
18/04/2023	13:29:58	2023-0418-132958-193-CH1	KP3.729- Field Joint - Bitumen Missing.
18/04/2023	13:30:50	2023-0418-133050-917-CH1	KP3.742- Field Joint - Bitumen Missing.
18/04/2023	13:31:47	2023-0418-133147-709-CH1	KP3.754- Field Joint - Bitumen Missing.
18/04/2023	13:32:39	2023-0418-133239-414-CH1	KP3.766- Field Joint - Bitumen Missing.
18/04/2023	13:33:48	2023-0418-133348-368-CH1	KP3.785- Anode Assessment - 25-50% Wasted.
18/04/2023	13:35:42	2023-0418-133542-944-CH1	KP3.805- Field Joint - Bitumen Missing.
18/04/2023	13:36:24	2023-0418-133624-516-CH1	KP3.815- Debris - Fishing Gear.
18/04/2023	13:37:37	2023-0418-133737-521-CH1	KP3.831- Field Joint - Bitumen Missing.
18/04/2023	13:39:30	2023-0418-133930-073-CH1	KP3.869- Field Joint - Bitumen Missing.
18/04/2023	13:40:20	2023-0418-134020-771-CH1	KP3.882- Field Joint - Bitumen Missing.
18/04/2023	13:41:55	2023-0418-134155-072-CH1	KP3.907- Field Joint - Bitumen Missing.
18/04/2023	13:42:50	2023-0418-134250-843-CH1	KP3.913- Anode Assessment - 25-50% Wasted.
18/04/2023	13:43:35	2023-0418-134335-454-CH1	KP3.920- Field Joint - Bitumen Missing.
18/04/2023	13:45:09	2023-0418-134509-754-CH1	KP3.945- Field Joint - Bitumen Missing.
18/04/2023	13:46:49	2023-0418-134649-124-CH1	KP3.971- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
18/04/2023	13:47:40	2023-0418-134740-836-CH1	KP3.983- Field Joint - Bitumen Missing.
18/04/2023	13:48:35	2023-0418-134835-595-CH1	KP3.996- Field Joint - Bitumen Missing.
18/04/2023	13:49:33	2023-0418-134933-388-CH1	KP4.008- Field Joint - Bitumen Missing.
18/04/2023	13:50:38	2023-0418-135038-284-CH1	KP4.020- Field Joint - Bitumen Missing.
18/04/2023	13:51:54	2023-0418-135154-331-CH1	KP4.039- Anode Assessment - 25-50% Wasted.
18/04/2023	13:53:47	2023-0418-135347-896-CH1	KP4.045- Field Joint - Bitumen Missing.
18/04/2023	13:54:44	2023-0418-135444-679-CH1	KP4.058- Field Joint - Bitumen Missing.
18/04/2023	13:55:28	2023-0418-135528-282-CH1	KP4.071- Field Joint - Bitumen Missing.
18/04/2023	13:56:12	2023-0418-135612-893-CH1	KP4.085- Field Joint - Bitumen Missing.
18/04/2023	13:57:02	2023-0418-135702-578-CH1	KP4.097- Field Joint - Bitumen Missing.
18/04/2023	13:58:37	2023-0418-135837-893-CH1	KP4.123- Field Joint - Bitumen Missing.
18/04/2023	13:59:25	2023-0418-135925-551-CH1	KP4.135- Field Joint - Bitumen Missing.
18/04/2023	14:00:16	2023-0418-140016-249-CH1	KP4.148- Field Joint - Bitumen Missing.
18/04/2023	14:01:05	2023-0418-140105-937-CH1	KP4.161- Field Joint - Bitumen Missing.
18/04/2023	14:01:49	2023-0418-140149-535-CH1	KP4.166- Anode Assessment - 25-50% Wasted.
18/04/2023	14:04:13	2023-0418-140413-520-CH1	KP4.173- Field Joint - Bitumen Missing.
18/04/2023	14:04:36	2023-0418-140436-841-CH1	KP4.173- Field Joint - Bitumen Missing.
18/04/2023	14:05:21	2023-0418-140521-456-CH1	KP4.185- Marine Life
18/04/2023	14:06:12	2023-0418-140612-157-CH1	KP4.198- Field Joint - Bitumen Missing.
18/04/2023	14:07:00	2023-0418-140700-827-CH1	KP4.211- Field Joint - Bitumen Missing.
18/04/2023	14:08:22	2023-0418-140822-960-CH1	KP4.235- Field Joint - Bitumen Missing.
18/04/2023	14:09:23	2023-0418-140923-798-CH1	KP4.248- Field Joint - Bitumen Missing.
18/04/2023	14:10:11	2023-0418-141011-453-CH1	KP4.261- Field Joint - Bitumen Missing.
18/04/2023	14:11:38	2023-0418-141138-656-CH1	KP4.287- Field Joint - Bitumen Missing.
18/04/2023	14:12:18	2023-0418-141218-200-CH1	KP4.293- Anode Assessment - 25-50% Wasted.
18/04/2023	14:20:08	2023-0418-142008-685-CH1	KP4.299- Field Joint - Bitumen Missing.
18/04/2023	14:20:58	2023-0418-142058-371-CH1	KP4.314- Field Joint - Bitumen Missing.
18/04/2023	14:21:51	2023-0418-142151-098-CH1	KP4.328- Field Joint - Bitumen Missing.
18/04/2023	14:22:42	2023-0418-142242-808-CH1	KP4.337- Field Joint - Bitumen Missing.
18/04/2023	14:23:31	2023-0418-142331-480-CH1	KP4.350- Field Joint - Bitumen Missing.
18/04/2023	14:24:23	2023-0418-142423-194-CH1	KP4.363- Field Joint - Bitumen Missing.
18/04/2023	14:25:47	2023-0418-142547-352-CH1	KP4.389- Field Joint - Bitumen Missing.
18/04/2023	14:26:39	2023-0418-142639-069-CH1	KP4.401- Field Joint - Bitumen Missing.
18/04/2023	14:27:27	2023-0418-142727-735-CH1	KP4.414- Field Joint - Bitumen Missing.
18/04/2023	14:28:06	2023-0418-142806-266-CH1	KP4.420- Anode Assessment - 25-50% Wasted.
18/04/2023	14:29:58	2023-0418-142958-818-CH1	KP4.439- Field Joint - Bitumen Missing.
18/04/2023	14:30:45	2023-0418-143045-460-CH1	KP4.445- Debris - Fishing Gear.
18/04/2023	14:31:42	2023-0418-143142-243-CH1	KP4.451- Field Joint - Bitumen Missing.
18/04/2023	14:33:20	2023-0418-143320-599-CH1	KP4.474- Debris - Fishing Gear.
18/04/2023	14:34:29	2023-0418-143429-549-CH1	KP4.489- Field Joint - Bitumen Missing.
18/04/2023	14:35:20	2023-0418-143520-249-CH1	KP4.501- Field Joint - Bitumen Missing.
18/04/2023	14:36:06	2023-0418-143606-897-CH1	KP4.514- Field Joint - Bitumen Missing.
18/04/2023	14:36:55	2023-0418-143655-561-CH1	KP4.527- Field Joint - Bitumen Missing.
18/04/2023	14:38:01	2023-0418-143801-471-CH1	KP4.538- Field Joint - Bitumen Missing.
18/04/2023	14:56:54	2023-0418-145654-080-CH1	KP4.545- Anode Assessment - 25-50% Wasted.
18/04/2023	14:57:33	2023-0418-145733-627-CH1	KP4.551- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
18/04/2023	14:58:13	2023-0418-145813-172-CH1	KP4.559- Debris - Fishing Gear.
18/04/2023	14:58:48	2023-0418-145848-662-CH1	KP4.564- Field Joint - Bitumen Missing.
18/04/2023	14:59:37	2023-0418-145937-330-CH1	KP4.576- Field Joint - Bitumen Missing.
18/04/2023	15:00:19	2023-0418-150019-918-CH1	KP4.588- Field Joint - Bitumen Missing.
18/04/2023	15:00:59	2023-0418-150059-464-CH1	KP4.600- Field Joint - Bitumen Missing.
18/04/2023	15:01:52	2023-0418-150152-189-CH1	KP4.612- Field Joint - Bitumen Missing.
18/04/2023	15:02:53	2023-0418-150253-029-CH1	KP4.624- Field Joint - Bitumen Missing.
18/04/2023	15:03:38	2023-0418-150338-658-CH1	KP4.637- Field Joint - Bitumen Missing.
18/04/2023	15:04:24	2023-0418-150424-286-CH1	KP4.649- Field Joint - Bitumen Missing.
18/04/2023	15:05:26	2023-0418-150526-140-CH1	KP4.662- Field Joint - Bitumen Missing.
18/04/2023	15:06:17	2023-0418-150617-852-CH1	KP4.669- Anode Assessment - 25-50% Wasted.
18/04/2023	15:06:57	2023-0418-150657-397-CH1	KP4.674- Field Joint - Bitumen Missing.
18/04/2023	15:07:49	2023-0418-150749-109-CH1	KP4.686- Field Joint - Bitumen Missing.
18/04/2023	15:08:36	2023-0418-150836-766-CH1	KP4.697- Field Joint - Bitumen Missing.
18/04/2023	15:09:25	2023-0418-150925-437-CH1	KP4.710- Field Joint - Bitumen Missing.
18/04/2023	15:10:42	2023-0418-151042-501-CH1	KP4.722- Field Joint - Bitumen Missing.
18/04/2023	15:11:24	2023-0418-151124-072-CH1	KP4.733- Debris - Soft Rope.
18/04/2023	15:11:57	2023-0418-151157-533-CH1	KP4.735- Field Joint - Bitumen Missing.
18/04/2023	15:12:44	2023-0418-151244-177-CH1	KP4.748- Field Joint - Bitumen Missing.
18/04/2023	15:13:30	2023-0418-151330-819-CH1	KP4.760- Field Joint - Bitumen Missing.
18/04/2023	15:14:23	2023-0418-151423-546-CH1	KP4.773- Field Joint - Bitumen Missing.
18/04/2023	15:15:10	2023-0418-151510-189-CH1	KP4.785- Field Joint - Bitumen Missing.
18/04/2023	15:15:41	2023-0418-151541-623-CH1	KP4.793- Anode Assessment - 25-50% Wasted.
18/04/2023	15:16:46	2023-0418-151646-519-CH1	KP4.797- Field Joint - Bitumen Missing.
18/04/2023	15:17:41	2023-0418-151741-279-CH1	KP4.810- Field Joint - Bitumen Missing.
18/04/2023	15:18:15	2023-0418-151815-748-CH1	KP4.817- Debris - Fishing Gear.
18/04/2023	15:18:45	2023-0418-151845-157-CH1	KP4.822- Field Joint - Bitumen Missing.
18/04/2023	15:19:39	2023-0418-151939-907-CH1	KP4.835- Field Joint - Bitumen Missing.
18/04/2023	15:20:31	2023-0418-152031-621-CH1	KP4.848- Field Joint - Bitumen Missing.
18/04/2023	15:21:23	2023-0418-152123-331-CH1	KP4.860- Field Joint - Bitumen Missing.
18/04/2023	15:22:21	2023-0418-152221-129-CH1	KP4.873- Field Joint - Bitumen Missing.
18/04/2023	15:23:05	2023-0418-152305-746-CH1	KP4.885- Field Joint - Bitumen Missing.
18/04/2023	15:23:48	2023-0418-152348-331-CH1	KP4.897- Field Joint - Bitumen Missing.
18/04/2023	15:24:33	2023-0418-152433-959-CH1	KP4.909- Field Joint - Bitumen Missing.
18/04/2023	15:25:03	2023-0418-152503-366-CH1	KP4.914- Debris - Fish Trap. Sitting on pipeline
18/04/2023	15:25:30	2023-0418-152530-744-CH1	KP4.914- Debris - Fish Trap. Sitting on pipeline
18/04/2023	15:25:48	2023-0418-152548-995-CH1	KP4.914- Debris - Fish Trap. Sitting on pipeline
18/04/2023	15:25:58	2023-0418-152558-120-CH1	KP4.914- Debris - Fish Trap. Sitting on pipeline
18/04/2023	15:28:36	2023-0418-152836-300-CH1	KP4.935- Field Joint - Bitumen Missing.
18/04/2023	15:29:24	2023-0418-152924-970-CH1	KP4.949- Field Joint - Bitumen Missing.
18/04/2023	15:30:17	2023-0418-153017-697-CH1	KP4.959- Field Joint - Bitumen Missing.
18/04/2023	15:31:02	2023-0418-153102-311-CH1	KP4.971- Field Joint - Bitumen Missing.
18/04/2023	15:32:34	2023-0418-153234-584-CH1	KP4.997- Field Joint - Bitumen Missing.
18/04/2023	15:34:29	2023-0418-153429-163-CH1	KP5.020- Field Joint - Bitumen Missing.
18/04/2023	15:35:30	2023-0418-153530-006-CH1	KP5.032- Field Joint - Bitumen Missing.
18/04/2023	15:36:27	2023-0418-153627-798-CH1	KP5.045- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
18/04/2023	15:37:19	2023-0418-153719-512-CH1	KP5.057- Field Joint - Bitumen Missing.
18/04/2023	15:39:39	2023-0418-153939-440-CH1	KP5.094- Debris - Soft Rope.
18/04/2023	15:41:21	2023-0418-154121-852-CH1	KP5.119- Field Joint - Bitumen Missing.
18/04/2023	15:43:19	2023-0418-154319-474-CH1	KP5.152- Debris - Fishing Gear.
18/04/2023	15:44:44	2023-0418-154444-647-CH1	KP5.169- Field Joint - Bitumen Missing.
18/04/2023	15:45:32	2023-0418-154532-305-CH1	KP5.181- Field Joint - Bitumen Missing.
19/04/2023	08:09:33	2023-0419-080933-872-CH1	KP5.206- Field Joint - Bitumen Missing.
19/04/2023	08:11:54	2023-0419-081154-816-CH1	KP5.243- Field Joint - Bitumen Missing.
19/04/2023	08:12:37	2023-0419-081237-400-CH1	KP5.255- Field Joint - Bitumen Missing.
19/04/2023	08:13:22	2023-0419-081322-018-CH1	KP5.268- Field Joint - Bitumen Missing.
19/04/2023	08:14:12	2023-0419-081412-716-CH1	KP5.280- Field Joint - Bitumen Missing.
19/04/2023	08:14:45	2023-0419-081445-163-CH1	KP5.287- Anode Assessment - 25-50% Wasted.
19/04/2023	08:15:04	2023-0419-081504-432-CH1	KP5.292- Field Joint - Bitumen Missing.
19/04/2023	08:15:20	2023-0419-081520-654-CH1	KP5.292- Field Joint - Bitumen Missing.
19/04/2023	08:16:26	2023-0419-081626-561-CH1	KP5.304- Debris - Fishing Gear.
19/04/2023	08:18:24	2023-0419-081824-185-CH1	KP5.330- Field Joint - Bitumen Missing.
19/04/2023	08:19:25	2023-0419-081925-020-CH1	KP5.344- Field Joint - Bitumen Missing.
19/04/2023	08:22:35	2023-0419-082235-650-CH1	KP5.380- Field Joint - Bitumen Missing.
19/04/2023	08:23:32	2023-0419-082332-431-CH1	KP5.380- Field Joint - Bitumen Missing.
19/04/2023	08:39:24	2023-0419-083924-557-CH1	KP5.392- Field Joint - Bitumen Missing.
19/04/2023	08:40:07	2023-0419-084007-149-CH1	KP5.405- Field Joint - Bitumen Missing.
19/04/2023	08:40:37	2023-0419-084037-558-CH1	KP5.413- Anode Assessment - 25-50% Wasted
19/04/2023	08:46:11	2023-0419-084611-156-CH1	KP5.417- Field Joint - Bitumen Missing.
19/04/2023	08:46:47	2023-0419-084647-659-CH1	KP5.430- Field Joint - Bitumen Missing.
19/04/2023	08:47:27	2023-0419-084727-204-CH1	KP5.442- Field Joint - Bitumen Missing.
19/04/2023	08:48:42	2023-0419-084842-242-CH1	KP5.466- Field Joint - Bitumen Missing.
19/04/2023	08:50:21	2023-0419-085021-608-CH1	KP5.480- Field Joint - Bitumen Missing.
19/04/2023	08:51:12	2023-0419-085112-306-CH1	KP5.491- Field Joint - Bitumen Missing.
19/04/2023	08:52:05	2023-0419-085205-035-CH1	KP5.503- Field Joint - Bitumen Missing.
19/04/2023	08:52:45	2023-0419-085245-598-CH1	KP5.516- Field Joint - Bitumen Missing.
19/04/2023	08:54:14	2023-0419-085414-825-CH1	KP5.534- Anode Assessment - 25-50% Wasted.
19/04/2023	08:56:14	2023-0419-085614-471-CH1	KP5.552- Field Joint - Bitumen Missing.
19/04/2023	08:56:49	2023-0419-085649-963-CH1	KP5.559- Debris - Soft Rope.
19/04/2023	08:57:44	2023-0419-085744-719-CH1	KP5.565- Field Joint - Bitumen Missing.
19/04/2023	08:58:41	2023-0419-085841-500-CH1	KP5.578- Field Joint - Bitumen Missing.
19/04/2023	08:59:23	2023-0419-085923-070-CH1	KP5.589- Field Joint - Bitumen Missing.
19/04/2023	09:00:01	2023-0419-090001-603-CH1	KP5.603- Field Joint - Bitumen Missing.
19/04/2023	09:00:35	2023-0419-090035-063-CH1	KP5.615- Field Joint - Bitumen Missing.
19/04/2023	09:01:10	2023-0419-090110-553-CH1	KP5.627- Field Joint - Bitumen Missing.
19/04/2023	09:01:46	2023-0419-090146-047-CH1	KP5.639- Field Joint - Bitumen Missing.
19/04/2023	09:01:49	2023-0419-090149-084-CH1	KP5.639- Field Joint - Bitumen Missing.
19/04/2023	09:02:26	2023-0419-090226-606-CH1	KP5.652- Field Joint - Bitumen Missing.
19/04/2023	09:14:15	2023-0419-091415-369-CH1	KP5.664- Field Joint - Bitumen Missing.
19/04/2023	09:15:07	2023-0419-091507-082-CH1	KP5.677- Field Joint - Bitumen Missing.
19/04/2023	09:15:49	2023-0419-091549-668-CH1	KP5.689- Field Joint - Bitumen Missing.
19/04/2023	09:16:28	2023-0419-091628-200-CH1	KP5.702- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
19/04/2023	09:17:06	2023-0419-091706-738-CH1	KP5.714- Field Joint - Bitumen Missing.
19/04/2023	09:17:36	2023-0419-091736-142-CH1	KP5.726- Field Joint - Bitumen Missing.
19/04/2023	09:18:18	2023-0419-091818-727-CH1	KP5.738- Field Joint - Bitumen Missing.
19/04/2023	09:19:43	2023-0419-091943-897-CH1	KP5.750- Field Joint - Bitumen Missing.
19/04/2023	09:20:23	2023-0419-092023-441-CH1	KP5.762- Field Joint - Bitumen Missing.
19/04/2023	09:21:01	2023-0419-092101-974-CH1	KP5.775- Field Joint - Bitumen Missing.
19/04/2023	09:21:32	2023-0419-092132-393-CH1	KP5.781- Anode Assessment - 25-50% Wasted.
19/04/2023	09:22:25	2023-0419-092225-120-CH1	KP5.786- Field Joint - Bitumen Missing.
19/04/2023	09:23:02	2023-0419-092302-638-CH1	KP5.799- Field Joint - Bitumen Missing.
19/04/2023	09:23:36	2023-0419-092336-100-CH1	KP5.811- Field Joint - Bitumen Missing.
19/04/2023	09:24:11	2023-0419-092411-585-CH1	KP5.823- Field Joint - Bitumen Missing.
19/04/2023	09:25:48	2023-0419-092548-929-CH1	KP5.848- Field Joint - Bitumen Missing.
19/04/2023	09:26:21	2023-0419-092621-379-CH1	KP5.859- Field Joint - Bitumen Missing.
19/04/2023	09:27:04	2023-0419-092704-981-CH1	KP5.873- Field Joint - Bitumen Missing.
19/04/2023	09:27:41	2023-0419-092741-486-CH1	KP5.884- Field Joint - Bitumen Missing.
19/04/2023	09:28:54	2023-0419-092854-492-CH1	KP5.910- Field Joint - Bitumen Missing.
19/04/2023	09:30:18	2023-0419-093018-650-CH1	KP5.946- Field Joint - Bitumen Missing.
19/04/2023	09:30:59	2023-0419-093059-208-CH1	KP5.958- Field Joint - Bitumen Missing.
19/04/2023	09:31:38	2023-0419-093138-750-CH1	KP5.974- Field Joint - Bitumen Missing.
19/04/2023	09:32:14	2023-0419-093214-241-CH1	KP5.983- Field Joint - Bitumen Missing.
19/04/2023	09:32:45	2023-0419-093245-674-CH1	KP5.996- Field Joint - Bitumen Missing.
19/04/2023	09:33:39	2023-0419-093339-413-CH1	KP6.009- Field Joint - Bitumen Missing.
19/04/2023	09:34:24	2023-0419-093424-032-CH1	KP6.021- Field Joint - Bitumen Missing.
19/04/2023	09:34:49	2023-0419-093449-381-CH1	KP6.033- Anode Assessment - 25-50% Wasted.
19/04/2023	09:35:20	2023-0419-093520-813-CH1	KP6.033- Anode Assessment - 25-50% Wasted.
19/04/2023	09:35:54	2023-0419-093554-279-CH1	KP6.059- Field Joint - Bitumen Missing.
19/04/2023	09:36:29	2023-0419-093629-761-CH1	KP6.058- Field Joint - Bitumen Missing.
19/04/2023	09:37:15	2023-0419-093715-392-CH1	KP6.067- Debris - Other. Metal Rod
19/04/2023	09:37:52	2023-0419-093752-907-CH1	KP6.071- Field Joint - Bitumen Missing.
19/04/2023	09:38:37	2023-0419-093837-533-CH1	KP6.083- Field Joint - Bitumen Missing.
19/04/2023	09:39:18	2023-0419-093918-085-CH1	KP6.097- Field Joint - Bitumen Missing.
19/04/2023	09:39:58	2023-0419-093958-645-CH1	KP6.108- Debris - Fishing Gear.
19/04/2023	09:40:50	2023-0419-094050-353-CH1	KP6.121- Field Joint - Bitumen Missing.
19/04/2023	09:41:30	2023-0419-094130-913-CH1	KP6.133- Field Joint - Bitumen Missing.
19/04/2023	09:42:07	2023-0419-094207-416-CH1	KP6.145- Field Joint - Bitumen Missing.
19/04/2023	09:42:32	2023-0419-094232-765-CH1	KP6.152- Anode Assessment - 25-50% Wasted.
19/04/2023	09:45:13	2023-0419-094513-992-CH1	KP6.157- Field Joint - Bitumen Missing.
19/04/2023	09:46:00	2023-0419-094600-630-CH1	KP6.170- Field Joint - Bitumen Missing.
19/04/2023	09:46:42	2023-0419-094642-202-CH1	KP6.183- Field Joint - Bitumen Missing.
19/04/2023	09:47:19	2023-0419-094719-720-CH1	KP6.194- Field Joint - Bitumen Missing.
19/04/2023	09:48:03	2023-0419-094803-333-CH1	KP6.207- Field Joint - Bitumen Missing.
19/04/2023	09:48:50	2023-0419-094850-979-CH1	KP6.219- Field Joint - Bitumen Missing.
19/04/2023	09:49:14	2023-0419-094914-301-CH1	KP6.221- Debris - Soft Rope.
19/04/2023	09:50:25	2023-0419-095025-278-CH1	KP6.231- Field Joint - Bitumen Missing.
19/04/2023	09:51:13	2023-0419-095113-953-CH1	KP6.244- Field Joint - Bitumen Missing.
19/04/2023	09:51:49	2023-0419-095149-440-CH1	KP6.256- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
19/04/2023	09:52:27	2023-0419-095227-969-CH1	KP6.269- Field Joint - Bitumen Missing.
19/04/2023	09:52:54	2023-0419-095254-334-CH1	KP6.276- Anode Assessment - 25-50% Wasted.
19/04/2023	09:53:49	2023-0419-095349-089-CH1	KP6.282- Field Joint - Bitumen Missing.
19/04/2023	09:54:32	2023-0419-095432-686-CH1	KP6.294- Field Joint - Bitumen Missing.
19/04/2023	09:55:16	2023-0419-095516-289-CH1	KP6.306- Field Joint - Bitumen Missing.
19/04/2023	09:55:56	2023-0419-095556-848-CH1	KP6.319- Field Joint - Bitumen Missing.
19/04/2023	09:56:39	2023-0419-095639-435-CH1	KP6.331- Field Joint - Bitumen Missing.
19/04/2023	09:57:16	2023-0419-095716-951-CH1	KP6.344- Field Joint - Bitumen Missing.
19/04/2023	09:57:55	2023-0419-095755-485-CH1	KP6.356- Field Joint - Bitumen Missing.
19/04/2023	09:58:29	2023-0419-095829-959-CH1	KP6.369- Field Joint - Bitumen Missing.
19/04/2023	10:00:35	2023-0419-100035-694-CH1	KP6.400- Anode Assessment - 25-50% Wasted.
19/04/2023	10:01:14	2023-0419-100114-222-CH1	KP6.405- Field Joint - Bitumen Missing.
19/04/2023	10:01:53	2023-0419-100153-766-CH1	KP6.418- Field Joint - Bitumen Missing.
19/04/2023	10:02:57	2023-0419-100257-646-CH1	KP6.442- Field Joint - Bitumen Missing.
19/04/2023	10:03:35	2023-0419-100335-165-CH1	KP6.455- Field Joint - Bitumen Missing.
19/04/2023	10:04:06	2023-0419-100406-598-CH1	KP6.467- Field Joint - Bitumen Missing.
19/04/2023	10:05:13	2023-0419-100513-523-CH1	KP6.492- Field Joint - Bitumen Missing.
19/04/2023	10:07:07	2023-0419-100707-084-CH1	KP6.526- Field Joint - Bitumen Missing.
19/04/2023	10:08:03	2023-0419-100803-868-CH1	KP6.533- Debris - Other. Canvas Sheet
19/04/2023	10:09:38	2023-0419-100938-172-CH1	KP6.554- Field Joint - Bitumen Missing.
19/04/2023	10:10:16	2023-0419-101016-700-CH1	KP6.568- Field Joint - Bitumen Missing.
19/04/2023	10:26:08	2023-0419-102608-821-CH1	KP6.578- Field Joint - Bitumen Missing.
19/04/2023	10:26:46	2023-0419-102646-340-CH1	KP6.590- Field Joint - Bitumen Missing.
19/04/2023	10:27:23	2023-0419-102723-855-CH1	KP6.602- Field Joint - Bitumen Missing.
19/04/2023	10:28:01	2023-0419-102801-374-CH1	KP6.614- Field Joint - Bitumen Missing.
19/04/2023	10:28:38	2023-0419-102838-890-CH1	KP6.626- Field Joint - Bitumen Missing.
19/04/2023	10:29:17	2023-0419-102917-424-CH1	KP6.639- Field Joint - Bitumen Missing.
19/04/2023	10:29:45	2023-0419-102945-820-CH1	KP6.645- Anode Assessment - 25-50% Wasted.
19/04/2023	10:30:17	2023-0419-103017-245-CH1	KP6.651- Field Joint - Bitumen Missing.
19/04/2023	10:30:50	2023-0419-103050-708-CH1	KP6.663- Field Joint - Bitumen Missing.
19/04/2023	10:31:20	2023-0419-103120-113-CH1	KP6.675- Field Joint - Bitumen Missing.
19/04/2023	10:31:57	2023-0419-103157-631-CH1	KP6.688- Field Joint - Bitumen Missing.
19/04/2023	10:32:34	2023-0419-103234-132-CH1	KP6.700- Field Joint - Bitumen Missing.
19/04/2023	10:33:07	2023-0419-103307-595-CH1	KP6.713- Field Joint - Bitumen Missing.
19/04/2023	10:33:45	2023-0419-103345-110-CH1	KP6.725- Field Joint - Bitumen Missing.
19/04/2023	10:34:24	2023-0419-103424-656-CH1	KP6.737- Field Joint - Bitumen Missing.
19/04/2023	10:34:59	2023-0419-103459-132-CH1	KP6.750- Field Joint - Bitumen Missing.
19/04/2023	10:35:32	2023-0419-103532-591-CH1	KP6.762- Field Joint - Bitumen Missing.
19/04/2023	10:36:07	2023-0419-103607-069-CH1	KP6.769- Anode Assessment - 25-50% Wasted.
19/04/2023	10:36:40	2023-0419-103640-528-CH1	KP6.775- Field Joint - Bitumen Missing.
19/04/2023	10:37:18	2023-0419-103718-048-CH1	KP6.786- Field Joint - Bitumen Missing.
19/04/2023	10:37:53	2023-0419-103753-545-CH1	KP6.799- Field Joint - Bitumen Missing.
19/04/2023	10:38:31	2023-0419-103831-054-CH1	KP6.810- Field Joint - Bitumen Missing.
19/04/2023	10:39:12	2023-0419-103912-625-CH1	KP6.823- Field Joint - Bitumen Missing.
19/04/2023	10:39:44	2023-0419-103944-061-CH1	KP6.836- Field Joint - Bitumen Missing.
19/04/2023	10:58:26	2023-0419-105826-529-CH1	KP6.848- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
19/04/2023	10:58:54	2023-0419-105854-923-CH1	KP6.849- Debris - Fishing Gear. Net
19/04/2023	11:00:38	2023-0419-110038-347-CH1	KP6.873- Field Joint - Bitumen Missing.
19/04/2023	11:01:14	2023-0419-110114-850-CH1	KP6.885- Field Joint - Bitumen Missing.
19/04/2023	11:01:42	2023-0419-110142-227-CH1	KP6.893- Anode Assessment - 25-50% Wasted.
19/04/2023	11:02:06	2023-0419-110206-564-CH1	KP6.897- Field Joint - Bitumen Missing.
19/04/2023	11:02:29	2023-0419-110229-883-CH1	KP6.902- Debris - Soft Rope.
19/04/2023	11:03:07	2023-0419-110307-400-CH1	KP6.910- Field Joint - Bitumen Missing.
19/04/2023	11:03:45	2023-0419-110345-931-CH1	KP6.922- Field Joint - Bitumen Missing.
19/04/2023	11:04:24	2023-0419-110424-464-CH1	KP6.947- Field Joint - Bitumen Missing.
19/04/2023	11:05:05	2023-0419-110505-025-CH1	KP6.946- Field Joint - Bitumen Missing.
19/04/2023	11:05:32	2023-0419-110532-401-CH1	KP6.953- Debris - Soft Rope.
19/04/2023	11:06:01	2023-0419-110601-806-CH1	KP6.959- Field Joint - Bitumen Missing.
19/04/2023	11:06:40	2023-0419-110640-336-CH1	KP6.970- Field Joint - Bitumen Missing.
19/04/2023	11:07:21	2023-0419-110721-909-CH1	KP6.984- Field Joint - Bitumen Missing.
19/04/2023	11:07:59	2023-0419-110759-426-CH1	KP6.996- Field Joint - Bitumen Missing.
19/04/2023	11:08:36	2023-0419-110836-951-CH1	KP7.017- Field Joint - Bitumen Missing.
19/04/2023	11:09:04	2023-0419-110904-326-CH1	KP7.016- Anode Assessment - 25-50% Wasted.
19/04/2023	11:10:09	2023-0419-111009-215-CH1	KP7.021- Field Joint - Bitumen Missing.
19/04/2023	11:10:53	2023-0419-111053-831-CH1	KP7.033- Field Joint - Bitumen Missing.
19/04/2023	11:11:41	2023-0419-111141-489-CH1	KP7.045- Field Joint - Bitumen Missing.
19/04/2023	11:12:24	2023-0419-111224-075-CH1	KP7.058- Field Joint - Bitumen Missing.
19/04/2023	11:13:04	2023-0419-111304-635-CH1	KP7.070- Field Joint - Bitumen Missing.
19/04/2023	11:13:43	2023-0419-111343-167-CH1	KP7.082- Field Joint - Bitumen Missing.
19/04/2023	11:14:17	2023-0419-111417-639-CH1	KP7.091- Field Joint - Bitumen Missing.
19/04/2023	11:14:39	2023-0419-111439-950-CH1	KP7.095- Field Joint - Bitumen Missing.
19/04/2023	11:15:26	2023-0419-111526-589-CH1	KP7.108- Field Joint - Bitumen Missing.
19/04/2023	11:16:35	2023-0419-111635-543-CH1	KP7.132- Field Joint - Bitumen Missing.
19/04/2023	11:22:30	2023-0419-112230-431-CH1	KP7.140- Anode Assessment - 25-50% Wasted.
19/04/2023	11:22:34	2023-0419-112234-490-CH1	KP7.144- Field Joint - Bitumen Missing.
19/04/2023	11:34:02	2023-0419-113402-978-CH1	KP7.144- Field Joint - Bitumen Missing.
19/04/2023	11:34:59	2023-0419-113459-760-CH1	KP7.157- Field Joint - Bitumen Missing.
19/04/2023	11:35:38	2023-0419-113538-290-CH1	KP7.177- Field Joint - Bitumen Missing.
19/04/2023	11:36:19	2023-0419-113619-864-CH1	KP7.181- Field Joint - Bitumen Missing.
19/04/2023	11:36:58	2023-0419-113658-398-CH1	KP7.196- Field Joint - Bitumen Missing.
19/04/2023	11:37:43	2023-0419-113743-010-CH1	KP7.207- Field Joint - Bitumen Missing.
19/04/2023	11:38:22	2023-0419-113822-554-CH1	KP7.219- Field Joint - Bitumen Missing.
19/04/2023	13:14:14	2023-0419-131414-840-CH1	KP7.241- Field Joint - Bitumen Missing.
19/04/2023	13:14:51	2023-0419-131451-344-CH1	KP7.244- Field Joint - Bitumen Missing.
19/04/2023	13:15:33	2023-0419-131533-932-CH1	KP7.257- Field Joint - Bitumen Missing.
19/04/2023	13:15:59	2023-0419-131559-281-CH1	KP7.264- Anode Assessment - 25-50% Wasted.
19/04/2023	13:16:24	2023-0419-131624-632-CH1	KP7.269- Field Joint - Bitumen Missing.
19/04/2023	13:17:01	2023-0419-131701-132-CH1	KP7.281- Field Joint - Bitumen Missing.
19/04/2023	13:17:39	2023-0419-131739-663-CH1	KP7.295- Field Joint - Bitumen Missing.
19/04/2023	13:18:17	2023-0419-131817-183-CH1	KP7.306- Field Joint - Bitumen Missing.
19/04/2023	13:18:48	2023-0419-131848-616-CH1	KP7.318- Field Joint - Bitumen Missing.
19/04/2023	13:19:23	2023-0419-131923-090-CH1	KP7.331- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
19/04/2023	13:19:57	2023-0419-131957-564-CH1	KP7.343- Field Joint - Bitumen Missing.
19/04/2023	13:20:30	2023-0419-132030-012-CH1	KP7.356- Field Joint - Bitumen Missing.
19/04/2023	13:21:06	2023-0419-132106-516-CH1	KP7.368- Field Joint - Bitumen Missing.
19/04/2023	13:21:37	2023-0419-132137-949-CH1	KP7.381- Field Joint - Bitumen Missing.
19/04/2023	13:22:00	2023-0419-132200-256-CH1	KP7.387- Anode Assessment - 25-50% Wasted.
19/04/2023	13:22:27	2023-0419-132227-632-CH1	KP7.393- Field Joint - Bitumen Missing.
19/04/2023	13:23:03	2023-0419-132303-123-CH1	KP7.405- Field Joint - Bitumen Missing.
19/04/2023	13:24:15	2023-0419-132415-115-CH1	KP7.430- Field Joint - Bitumen Missing.
19/04/2023	13:24:53	2023-0419-132453-646-CH1	KP7.442- Field Joint - Bitumen Missing.
19/04/2023	13:25:33	2023-0419-132533-191-CH1	KP7.454- Field Joint - Bitumen Missing.
19/04/2023	13:26:20	2023-0419-132620-848-CH1	KP7.466- Field Joint - Bitumen Missing.
19/04/2023	13:27:04	2023-0419-132704-455-CH1	KP7.479- Field Joint - Bitumen Missing.
19/04/2023	13:27:42	2023-0419-132742-981-CH1	KP7.491- Field Joint - Bitumen Missing.
19/04/2023	13:28:21	2023-0419-132821-511-CH1	KP7.504- Field Joint - Bitumen Missing.
19/04/2023	13:28:48	2023-0419-132848-888-CH1	KP7.511- Anode Assessment - 25-50% Wasted.
19/04/2023	13:29:33	2023-0419-132933-520-CH1	KP7.516- Field Joint - Bitumen Missing.
19/04/2023	13:30:18	2023-0419-133018-119-CH1	KP7.529- Field Joint - Bitumen Missing.
19/04/2023	13:30:58	2023-0419-133058-679-CH1	KP7.541- Field Joint - Bitumen Missing.
19/04/2023	13:31:38	2023-0419-133138-224-CH1	KP7.554- Field Joint - Bitumen Missing.
19/04/2023	13:32:09	2023-0419-133209-658-CH1	KP7.562- Debris - Soft Rope.
19/04/2023	13:32:40	2023-0419-133240-076-CH1	KP7.567- Field Joint - Bitumen Missing.
19/04/2023	13:33:20	2023-0419-133320-634-CH1	KP7.578- Field Joint - Bitumen Missing.
19/04/2023	13:33:58	2023-0419-133358-150-CH1	KP7.591- Field Joint - Bitumen Missing.
19/04/2023	13:34:36	2023-0419-133436-682-CH1	KP7.604- Field Joint - Bitumen Missing.
19/04/2023	13:35:12	2023-0419-133512-171-CH1	KP7.616- Field Joint - Bitumen Missing.
19/04/2023	13:35:54	2023-0419-133554-757-CH1	KP7.629- Field Joint - Bitumen Missing.
19/04/2023	13:36:28	2023-0419-133628-225-CH1	KP7.636- Anode Assessment - 25-50% Wasted.
19/04/2023	13:37:04	2023-0419-133704-724-CH1	KP7.641- Field Joint - Bitumen Missing.
19/04/2023	13:37:39	2023-0419-133739-198-CH1	KP7.653- Field Joint - Bitumen Missing.
19/04/2023	13:39:09	2023-0419-133909-448-CH1	KP7.678- Field Joint - Bitumen Missing.
19/04/2023	13:39:59	2023-0419-133959-126-CH1	KP7.690- Field Joint - Bitumen Missing.
19/04/2023	13:40:37	2023-0419-134037-661-CH1	KP7.702- Field Joint - Bitumen Missing.
19/04/2023	13:41:18	2023-0419-134118-217-CH1	KP7.715- Field Joint - Bitumen Missing.
19/04/2023	13:41:57	2023-0419-134157-761-CH1	KP7.727- Field Joint - Bitumen Missing.
19/04/2023	13:42:41	2023-0419-134241-363-CH1	KP7.740- Field Joint - Bitumen Missing.
19/04/2023	13:43:13	2023-0419-134313-811-CH1	KP7.745- Debris - Soft Rope.
19/04/2023	13:43:58	2023-0419-134358-424-CH1	KP7.754- Field Joint - Bitumen Missing.
19/04/2023	13:44:32	2023-0419-134432-902-CH1	KP7.759- Anode Assessment - 25-50% Wasted.
19/04/2023	13:49:21	2023-0419-134921-885-CH1	KP7.764- Field Joint - Bitumen Missing.
19/04/2023	13:50:03	2023-0419-135003-455-CH1	KP7.777- Field Joint - Bitumen Missing.
19/04/2023	13:50:40	2023-0419-135040-974-CH1	KP7.788- Field Joint - Bitumen Missing.
19/04/2023	13:51:16	2023-0419-135116-466-CH1	KP7.801- Field Joint - Bitumen Missing.
19/04/2023	13:51:50	2023-0419-135150-937-CH1	KP7.813- Field Joint - Bitumen Missing.
19/04/2023	13:52:22	2023-0419-135222-371-CH1	KP7.826- Field Joint - Bitumen Missing.
19/04/2023	14:07:12	2023-0419-140712-643-CH1	KP7.835- Debris - Fishing Gear.
19/04/2023	14:08:25	2023-0419-140825-651-CH1	KP7.850- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
19/04/2023	14:08:54	2023-0419-140854-039-CH1	KP7.857- Debris - Fishing Gear.
19/04/2023	14:09:54	2023-0419-140954-891-CH1	KP7.876- Field Joint - Bitumen Missing.
19/04/2023	14:10:23	2023-0419-141023-270-CH1	KP7.882- Anode Assessment - 25-50% Wasted.
19/04/2023	14:10:53	2023-0419-141053-693-CH1	KP7.888- Field Joint - Bitumen Missing.
19/04/2023	14:11:32	2023-0419-141132-221-CH1	KP7.900- Field Joint - Bitumen Missing.
19/04/2023	14:12:11	2023-0419-141211-767-CH1	KP7.913- Field Joint - Bitumen Missing.
19/04/2023	14:12:51	2023-0419-141251-310-CH1	KP7.926- Field Joint - Bitumen Missing.
19/04/2023	14:13:24	2023-0419-141324-773-CH1	KP7.938- Field Joint - Bitumen Missing.
19/04/2023	14:13:57	2023-0419-141357-219-CH1	KP7.950- Field Joint - Bitumen Missing.
19/04/2023	14:14:27	2023-0419-141427-639-CH1	KP7.962- Field Joint - Bitumen Missing.
19/04/2023	14:15:02	2023-0419-141502-111-CH1	KP7.975- Field Joint - Bitumen Missing.
19/04/2023	14:15:36	2023-0419-141536-590-CH1	KP7.987- Field Joint - Bitumen Missing.
19/04/2023	14:16:08	2023-0419-141608-027-CH1	KP8.000- Field Joint - Bitumen Missing.
19/04/2023	14:16:38	2023-0419-141638-442-CH1	KP8.008- Anode Assessment - 25-50% Wasted.
19/04/2023	14:23:46	2023-0419-142346-340-CH1	KP8.037- Field Joint - Bitumen Missing.
19/04/2023	14:24:28	2023-0419-142428-926-CH1	KP8.050- Field Joint - Bitumen Missing.
19/04/2023	14:25:06	2023-0419-142506-442-CH1	KP8.062- Field Joint - Bitumen Missing.
19/04/2023	14:25:50	2023-0419-142550-045-CH1	KP8.075- Field Joint - Bitumen Missing.
19/04/2023	14:38:22	2023-0419-143822-415-CH1	KP8.088- Field Joint - Bitumen Missing.
19/04/2023	14:38:59	2023-0419-143859-932-CH1	KP8.100- Field Joint - Bitumen Missing.
19/04/2023	14:39:49	2023-0419-143949-614-CH1	KP8.113- Field Joint - Bitumen Missing.
19/04/2023	14:40:26	2023-0419-144026-120-CH1	KP8.126- Field Joint - Bitumen Missing.
19/04/2023	14:40:55	2023-0419-144055-525-CH1	KP8.132- Anode Assessment - 25-50% Wasted.
19/04/2023	14:41:40	2023-0419-144140-140-CH1	KP8.137- Field Joint - Bitumen Missing.
19/04/2023	14:42:00	2023-0419-144200-419-CH1	KP8.137- Field Joint - Bitumen Missing.
19/04/2023	14:42:30	2023-0419-144230-838-CH1	KP8.150- Field Joint - Bitumen Missing.
19/04/2023	14:43:10	2023-0419-144310-392-CH1	KP8.162- Field Joint - Bitumen Missing.
19/04/2023	14:43:43	2023-0419-144343-843-CH1	KP8.174- Field Joint - Bitumen Missing.
19/04/2023	14:44:04	2023-0419-144404-126-CH1	KP8.175- Debris - Fishing Gear.
19/04/2023	14:45:02	2023-0419-144502-934-CH1	KP8.186- Field Joint - Bitumen Missing.
19/04/2023	14:45:54	2023-0419-144554-660-CH1	KP8.199- Field Joint - Bitumen Missing.
19/04/2023	14:46:39	2023-0419-144639-263-CH1	KP8.213- Field Joint - Bitumen Missing.
19/04/2023	14:47:29	2023-0419-144729-960-CH1	KP8.224- Field Joint - Bitumen Missing.
19/04/2023	14:48:07	2023-0419-144807-478-CH1	KP8.233- Debris - Soft Rope.
19/04/2023	14:48:34	2023-0419-144834-855-CH1	KP8.233- Debris - Soft Rope.
19/04/2023	14:49:19	2023-0419-144919-470-CH1	KP8.249- Field Joint - Bitumen Missing.
19/04/2023	14:49:46	2023-0419-144946-849-CH1	KP8.253- Debris - Fishing Gear.
19/04/2023	14:50:12	2023-0419-145012-198-CH1	KP8.258- Anode Assessment - 25-50% Wasted.
19/04/2023	14:50:51	2023-0419-145051-743-CH1	KP8.260- Field Joint - Bitumen Missing.
19/04/2023	14:51:47	2023-0419-145147-513-CH1	KP8.273- Field Joint - Bitumen Missing.
19/04/2023	14:52:52	2023-0419-145252-406-CH1	KP8.285- Field Joint - Bitumen Missing.
19/04/2023	14:53:39	2023-0419-145339-049-CH1	KP8.298- Field Joint - Bitumen Missing.
19/04/2023	14:54:16	2023-0419-145416-566-CH1	KP8.311- Field Joint - Bitumen Missing.
19/04/2023	14:55:07	2023-0419-145507-269-CH1	KP8.323- Field Joint - Bitumen Missing.
19/04/2023	14:55:56	2023-0419-145556-952-CH1	KP8.335- Field Joint - Bitumen Missing.
19/04/2023	14:56:32	2023-0419-145632-440-CH1	KP8.348- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
19/04/2023	14:57:18	2023-0419-145718-068-CH1	KP8.354- Debris - Fishing Gear.
19/04/2023	14:57:33	2023-0419-145733-277-CH1	KP8.354- Debris - Fishing Gear.
19/04/2023	15:04:17	2023-0419-150417-853-CH1	KP8.373- Field Joint - Bitumen Missing.
19/04/2023	15:04:59	2023-0419-150459-428-CH1	KP8.380- Anode Assessment - 25-50% Wasted.
19/04/2023	15:05:34	2023-0419-150534-916-CH1	KP8.385- Field Joint - Bitumen Missing.
19/04/2023	15:05:42	2023-0419-150542-030-CH1	KP8.385- Field Joint - Bitumen Missing.
19/04/2023	15:06:21	2023-0419-150621-558-CH1	KP8.397- Field Joint - Bitumen Missing.
19/04/2023	15:07:01	2023-0419-150701-108-CH1	KP8.410- Field Joint - Bitumen Missing.
19/04/2023	15:07:48	2023-0419-150748-762-CH1	KP8.422- Field Joint - Bitumen Missing.
19/04/2023	15:08:34	2023-0419-150834-390-CH1	KP8.435- Field Joint - Bitumen Missing.
19/04/2023	15:09:13	2023-0419-150913-934-CH1	KP8.447- Field Joint - Bitumen Missing.
19/04/2023	15:10:13	2023-0419-151013-758-CH1	KP8.461- Field Joint - Bitumen Missing.
19/04/2023	15:11:04	2023-0419-151104-456-CH1	KP8.472- Field Joint - Bitumen Missing.
19/04/2023	15:11:51	2023-0419-151151-101-CH1	KP8.484- Field Joint - Bitumen Missing.
19/04/2023	15:12:27	2023-0419-151227-605-CH1	KP8.497- Field Joint - Bitumen Missing.
19/04/2023	15:12:54	2023-0419-151254-983-CH1	KP8.501- Anode Assessment - 25-50% Wasted.
19/04/2023	15:16:43	2023-0419-151643-126-CH1	KP8.508- Field Joint - Bitumen Missing.
19/04/2023	15:17:24	2023-0419-151724-699-CH1	KP8.521- Field Joint - Bitumen Missing.
19/04/2023	15:18:19	2023-0419-151819-453-CH1	KP8.545- Field Joint - Bitumen Missing.
19/04/2023	15:19:18	2023-0419-151918-266-CH1	KP8.547- Field Joint - Bitumen Missing.
19/04/2023	15:20:01	2023-0419-152001-870-CH1	KP8.559- Field Joint - Bitumen Missing.
19/04/2023	15:20:58	2023-0419-152058-648-CH1	KP8.571- Field Joint - Bitumen Missing.
19/04/2023	15:21:47	2023-0419-152147-321-CH1	KP8.585- Field Joint - Bitumen Missing.
19/04/2023	15:22:29	2023-0419-152229-906-CH1	KP8.609- Field Joint - Bitumen Missing.
19/04/2023	15:23:12	2023-0419-152312-492-CH1	KP8.609- Field Joint - Bitumen Missing.
19/04/2023	15:23:33	2023-0419-152333-787-CH1	KP8.609- Debris - Fishing Gear.
19/04/2023	15:24:39	2023-0419-152439-694-CH1	KP8.621- Field Joint - Bitumen Missing.
19/04/2023	15:25:09	2023-0419-152509-100-CH1	KP8.627- Anode Assessment - 25-50% Wasted.
19/04/2023	15:25:46	2023-0419-152546-619-CH1	KP8.633- Field Joint - Bitumen Missing.
19/04/2023	15:26:26	2023-0419-152626-162-CH1	KP8.645- Field Joint - Bitumen Missing.
19/04/2023	15:29:18	2023-0419-152918-538-CH1	KP8.657- Field Joint - Bitumen Missing.
19/04/2023	15:30:14	2023-0419-153014-312-CH1	KP8.670- Field Joint - Bitumen Missing.
19/04/2023	15:30:55	2023-0419-153055-880-CH1	KP8.682- Field Joint - Bitumen Missing.
19/04/2023	15:31:39	2023-0419-153139-480-CH1	KP8.695- Field Joint - Bitumen Missing.
19/04/2023	15:32:22	2023-0419-153222-067-CH1	KP8.707- Field Joint - Bitumen Missing.
19/04/2023	15:32:59	2023-0419-153259-588-CH1	KP8.719- Field Joint - Bitumen Missing.
19/04/2023	15:33:51	2023-0419-153351-298-CH1	KP8.731- Field Joint - Bitumen Missing.
19/04/2023	15:34:34	2023-0419-153434-899-CH1	KP8.742- Field Joint - Bitumen Missing.
19/04/2023	15:35:12	2023-0419-153512-417-CH1	KP8.749- Anode Assessment - 25-50% Wasted.
19/04/2023	15:35:50	2023-0419-153550-947-CH1	KP8.754- Field Joint - Bitumen Missing.
19/04/2023	15:54:28	2023-0419-155428-350-CH1	KP8.779- Field Joint - Bitumen Missing.
19/04/2023	15:55:00	2023-0419-155500-795-CH1	KP8.791- Field Joint - Bitumen Missing.
19/04/2023	15:55:43	2023-0419-155543-384-CH1	KP8.803- Field Joint - Bitumen Missing.
19/04/2023	15:56:16	2023-0419-155616-852-CH1	KP8.817- Field Joint - Bitumen Missing.
19/04/2023	15:56:48	2023-0419-155648-278-CH1	KP8.830- Field Joint - Bitumen Missing.
19/04/2023	15:57:19	2023-0419-155719-714-CH1	KP8.840- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
19/04/2023	15:57:59	2023-0419-155759-256-CH1	KP8.854- Field Joint - Bitumen Missing.
19/04/2023	16:07:44	2023-0419-160744-322-CH1	KP8.854- Field Joint - Bitumen Missing.
19/04/2023	16:08:31	2023-0419-160831-987-CH1	KP8.865- Field Joint - Bitumen Missing.
19/04/2023	16:08:52	2023-0419-160852-264-CH1	KP8.871- Anode Assessment - 25-50% Wasted.
19/04/2023	16:09:15	2023-0419-160915-585-CH1	KP8.877- Field Joint - Bitumen Missing.
19/04/2023	16:09:47	2023-0419-160947-010-CH1	KP8.889- Field Joint - Bitumen Missing.
19/04/2023	16:10:17	2023-0419-161017-430-CH1	KP8.902- Field Joint - Bitumen Missing.
19/04/2023	16:10:48	2023-0419-161048-866-CH1	KP8.914- Field Joint - Bitumen Missing.
19/04/2023	16:11:25	2023-0419-161125-368-CH1	KP8.931- Field Joint - Bitumen Missing.
19/04/2023	16:12:09	2023-0419-161209-982-CH1	KP8.940- Field Joint - Bitumen Missing.
19/04/2023	16:13:11	2023-0419-161311-836-CH1	KP8.951- Field Joint - Bitumen Missing.
19/04/2023	16:14:01	2023-0419-161401-519-CH1	KP8.964- Field Joint - Bitumen Missing.
19/04/2023	16:14:41	2023-0419-161441-067-CH1	KP8.976- Field Joint - Bitumen Missing.
19/04/2023	16:15:15	2023-0419-161515-540-CH1	KP8.988- Field Joint - Bitumen Missing.
19/04/2023	16:15:43	2023-0419-161543-930-CH1	KP8.995- Anode Assessment - 25-50% Wasted.
19/04/2023	16:16:03	2023-0419-161603-196-CH1	KP9.001- Field Joint - Bitumen Missing.
19/04/2023	16:16:48	2023-0419-161648-832-CH1	KP9.010- Debris - Hard Debris.
19/04/2023	16:17:09	2023-0419-161709-107-CH1	KP9.010- Debris - Hard Debris.
19/04/2023	16:19:16	2023-0419-161916-871-CH1	KP9.036- Debris - Wire Rope.
19/04/2023	16:19:33	2023-0419-161933-091-CH1	KP9.036- Debris - Wire Rope.
19/04/2023	16:20:48	2023-0419-162048-125-CH1	KP9.050- Field Joint - Bitumen Missing.
22/04/2023	09:12:40	2023-0422-091240-050-CH1	KP9.064- Field Joint - Bitumen Missing.
22/04/2023	09:13:41	2023-0422-091341-905-CH1	KP9.073- Debris - Fishing Gear.
22/04/2023	09:14:09	2023-0422-091409-287-CH1	KP9.076- Field Joint - Bitumen Missing.
22/04/2023	09:15:09	2023-0422-091509-105-CH1	KP9.088- Field Joint - Bitumen Missing.
22/04/2023	09:15:52	2023-0422-091552-706-CH1	KP9.101- Field Joint - Bitumen Missing.
22/04/2023	09:16:54	2023-0422-091654-561-CH1	KP9.114- Field Joint - Bitumen Missing.
22/04/2023	09:17:29	2023-0422-091729-034-CH1	KP9.121- Anode Assessment - 25-50% Wasted.
22/04/2023	09:18:13	2023-0422-091813-648-CH1	KP9.125- Field Joint - Bitumen Missing.
22/04/2023	09:19:05	2023-0422-091905-361-CH1	KP9.138- Field Joint - Bitumen Missing.
22/04/2023	09:20:02	2023-0422-092002-145-CH1	KP9.150- Field Joint - Bitumen Missing.
22/04/2023	09:20:55	2023-0422-092055-885-CH1	KP9.162- Field Joint - Bitumen Missing.
22/04/2023	09:21:41	2023-0422-092141-511-CH1	KP9.175- Field Joint - Bitumen Missing.
22/04/2023	09:22:26	2023-0422-092226-127-CH1	KP9.187- Field Joint - Bitumen Missing.
22/04/2023	09:23:13	2023-0422-092313-797-CH1	KP9.199- Field Joint - Bitumen Missing.
22/04/2023	09:23:36	2023-0422-092336-095-CH1	KP9.204- Debris - Fishing Gear.
22/04/2023	09:24:05	2023-0422-092405-498-CH1	KP9.211- Field Joint - Bitumen Missing.
22/04/2023	09:25:07	2023-0422-092507-349-CH1	KP9.225- Field Joint - Bitumen Missing.
22/04/2023	09:25:58	2023-0422-092558-050-CH1	KP9.237- Field Joint - Bitumen Missing.
22/04/2023	09:26:34	2023-0422-092634-550-CH1	KP9.244- Anode Assessment - 25-50% Wasted.
22/04/2023	09:27:12	2023-0422-092712-069-CH1	KP9.247- Debris - Wire Rope.
22/04/2023	09:27:37	2023-0422-092737-418-CH1	KP9.250- Field Joint - Bitumen Missing.
22/04/2023	09:28:14	2023-0422-092814-934-CH1	KP9.255- Debris - Fishing Gear.
22/04/2023	09:28:50	2023-0422-092850-422-CH1	KP9.261- Field Joint - Bitumen Missing.
22/04/2023	09:29:40	2023-0422-092940-108-CH1	KP9.274- Field Joint - Bitumen Missing.
22/04/2023	09:30:24	2023-0422-093024-723-CH1	KP9.286- Field Joint - Bitumen Missing.





## Photo Log

DATE	TIME	PHOTO FILE NAME	DESCRIPTION
22/04/2023	09:31:06	2023-0422-093106-297-CH1	KP9.298- Field Joint - Bitumen Missing.
22/04/2023	09:32:01	2023-0422-093201-301-CH1	KP9.311- Field Joint - Bitumen Missing.
22/04/2023	09:32:52	2023-0422-093252-000-CH1	KP9.324- Field Joint - Bitumen Missing.
22/04/2023	09:33:43	2023-0422-093343-715-CH1	KP9.336- Field Joint - Bitumen Missing.
22/04/2023	09:34:29	2023-0422-093429-340-CH1	KP9.349- Field Joint - Bitumen Missing.
22/04/2023	09:35:09	2023-0422-093509-897-CH1	KP9.361- Field Joint - Bitumen Missing.
22/04/2023	09:35:38	2023-0422-093538-295-CH1	KP9.369- Anode Assessment - 25-50% Wasted.
22/04/2023	09:36:04	2023-0422-093604-654-CH1	KP9.374- Field Joint - Bitumen Missing.
22/04/2023	09:36:44	2023-0422-093644-198-CH1	KP9.386- Field Joint - Bitumen Missing.
22/04/2023	09:37:27	2023-0422-093727-800-CH1	KP9.398- Field Joint - Bitumen Missing.
22/04/2023	09:38:12	2023-0422-093812-414-CH1	KP9.410- Field Joint - Bitumen Missing.
22/04/2023	09:38:46	2023-0422-093846-890-CH1	KP9.417- Debris - Soft Rope.
22/04/2023	09:39:09	2023-0422-093909-198-CH1	KP9.423- Field Joint - Bitumen Missing.
22/04/2023	09:39:49	2023-0422-093949-755-CH1	KP9.435- Field Joint - Bitumen Missing.
22/04/2023	09:40:38	2023-0422-094038-427-CH1	KP9.448- Field Joint - Bitumen Missing.
22/04/2023	09:41:21	2023-0422-094121-013-CH1	KP9.460- Field Joint - Bitumen Missing.
22/04/2023	09:42:04	2023-0422-094204-615-CH1	KP9.472- Field Joint - Bitumen Missing.
22/04/2023	09:42:49	2023-0422-094249-230-CH1	KP9.484- Field Joint - Bitumen Missing.
22/04/2023	09:43:14	2023-0422-094314-580-CH1	KP9.491- Anode Assessment - 25-50% Wasted.
22/04/2023	09:43:40	2023-0422-094340-943-CH1	KP9.496- Field Joint - Bitumen Missing.
22/04/2023	09:44:28	2023-0422-094428-598-CH1	KP9.509- Field Joint - Bitumen Missing.
22/04/2023	09:45:12	2023-0422-094512-199-CH1	KP9.521- Field Joint - Bitumen Missing.
22/04/2023	09:45:45	2023-0422-094545-667-CH1	KP9.533- Field Joint - Bitumen Missing.
22/04/2023	09:46:19	2023-0422-094619-122-CH1	KP9.546- Field Joint - Bitumen Missing.
22/04/2023	09:46:50	2023-0422-094650-555-CH1	KP9.559- Field Joint - Bitumen Missing.
22/04/2023	09:47:20	2023-0422-094720-974-CH1	KP9.571- Field Joint - Bitumen Missing.
22/04/2023	09:47:34	2023-0422-094734-155-CH1	KP9.571- Field Joint - Bitumen Missing.
22/04/2023	09:48:18	2023-0422-094818-770-CH1	KP9.583- Field Joint - Bitumen Missing.
22/04/2023	09:48:52	2023-0422-094852-231-CH1	KP9.596- Field Joint - Bitumen Missing.
22/04/2023	09:49:32	2023-0422-094932-791-CH1	KP9.609- Field Joint - Bitumen Missing.
22/04/2023	09:50:37	2023-0422-095037-684-CH1	KP9.633- Field Joint - Bitumen Missing.
22/04/2023	09:51:13	2023-0422-095113-175-CH1	KP9.646- Field Joint - Bitumen Missing.
22/04/2023	09:51:45	2023-0422-095145-622-CH1	KP9.658- Field Joint - Bitumen Missing.
22/04/2023	09:52:33	2023-0422-095233-277-CH1	KP9.674- Debris - Fishing Gear.
22/04/2023	09:53:12	2023-0422-095312-824-CH1	KP9.682- Debris - Fishing Gear.
22/04/2023	09:53:55	2023-0422-095355-411-CH1	KP9.695- Field Joint - Bitumen Missing.
22/04/2023	09:54:35	2023-0422-095435-969-CH1	KP9.708- Field Joint - Bitumen Missing.
22/04/2023	09:55:14	2023-0422-095514-500-CH1	KP9.720- Field Joint - Bitumen Missing.
22/04/2023	09:55:56	2023-0422-095556-073-CH1	KP9.732- Debris - Fishing Gear.
22/04/2023	09:56:15	2023-0422-095615-339-CH1	KP9.736- Debris - Fishing Gear.
22/04/2023	09:56:51	2023-0422-095651-842-CH1	KP9.744- Field Joint - Bitumen Missing.
22/04/2023	09:57:09	2023-0422-095709-078-CH1	KP9.749- Debris - Fishing Gear.
22/04/2023	09:57:34	2023-0422-095734-428-CH1	KP9.757- Field Joint - Bitumen Missing.
22/04/2023	09:58:49	2023-0422-095849-465-CH1	KP9.782- Field Joint - Bitumen Missing.
22/04/2023	09:59:27	2023-0422-095927-994-CH1	KP9.794- Field Joint - Bitumen Missing.
22/04/2023	10:00:05	2023-0422-100005-510-CH1	KP9.806- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
22/04/2023	10:00:45	2023-0422-100045-056-CH1	KP9.818- Field Joint - Bitumen Missing.
22/04/2023	10:01:23	2023-0422-100123-588-CH1	KP9.831- Field Joint - Bitumen Missing.
22/04/2023	10:02:00	2023-0422-100200-090-CH1	KP9.844- Field Joint - Bitumen Missing.
22/04/2023	10:02:34	2023-0422-100234-565-CH1	KP9.856- Field Joint - Bitumen Missing.
22/04/2023	10:03:10	2023-0422-100310-054-CH1	KP9.863- Anode Assessment - 25-50% Wasted.
22/04/2023	10:04:03	2023-0422-100403-794-CH1	KP9.881- Field Joint - Bitumen Missing.
22/04/2023	10:04:36	2023-0422-100436-244-CH1	KP9.893- Field Joint - Bitumen Missing.
22/04/2023	10:05:05	2023-0422-100505-647-CH1	KP9.902- Debris - Fishing Gear.
22/04/2023	10:05:21	2023-0422-100521-871-CH1	KP9.902- Debris - Fishing Gear.
22/04/2023	10:05:53	2023-0422-100553-304-CH1	KP9.917- Field Joint - Bitumen Missing.
22/04/2023	10:06:25	2023-0422-100625-750-CH1	KP9.930- Field Joint - Bitumen Missing.
22/04/2023	10:06:57	2023-0422-100657-185-CH1	KP9.942- Field Joint - Bitumen Missing.
22/04/2023	10:07:36	2023-0422-100736-729-CH1	KP9.955- Field Joint - Bitumen Missing.
22/04/2023	10:08:15	2023-0422-100815-260-CH1	KP9.966- Debris - Soft Rope.
22/04/2023	10:08:28	2023-0422-100828-442-CH1	KP9.966- Debris - Soft Rope.
22/04/2023	10:09:04	2023-0422-100904-944-CH1	KP9.980- Field Joint - Bitumen Missing.
22/04/2023	10:09:26	2023-0422-100926-238-CH1	KP9.987- Anode Assessment - 25-50% Wasted.
22/04/2023	10:09:46	2023-0422-100946-519-CH1	KP9.987- Anode Assessment - 25-50% Wasted.
22/04/2023	10:10:34	2023-0422-101034-175-CH1	KP10.004- Field Joint - Bitumen Missing.
22/04/2023	10:11:21	2023-0422-101121-832-CH1	KP10.017- Field Joint - Bitumen Missing.
22/04/2023	10:12:03	2023-0422-101203-407-CH1	KP10.029- Field Joint - Bitumen Missing.
22/04/2023	10:12:44	2023-0422-101244-977-CH1	KP10.041- Field Joint - Bitumen Missing.
22/04/2023	10:13:21	2023-0422-101321-482-CH1	KP10.054- Field Joint - Bitumen Missing.
22/04/2023	10:13:54	2023-0422-101354-943-CH1	KP10.066- Field Joint - Bitumen Missing.
22/04/2023	10:14:27	2023-0422-101427-389-CH1	KP10.079- Field Joint - Bitumen Missing.
22/04/2023	10:15:06	2023-0422-101506-936-CH1	KP10.091- Field Joint - Bitumen Missing.
22/04/2023	10:15:43	2023-0422-101543-438-CH1	KP10.104- Field Joint - Bitumen Missing.
22/04/2023	10:16:12	2023-0422-101612-843-CH1	KP10.111- Anode Assessment - 25-50% Wasted.
22/04/2023	10:16:58	2023-0422-101658-471-CH1	KP10.116- Field Joint - Bitumen Missing.
22/04/2023	10:17:34	2023-0422-101734-975-CH1	KP10.129- Field Joint - Bitumen Missing.
22/04/2023	10:18:23	2023-0422-101823-646-CH1	KP10.142- Field Joint - Bitumen Missing.
22/04/2023	10:19:05	2023-0422-101905-220-CH1	KP10.154- Field Joint - Bitumen Missing.
22/04/2023	10:19:43	2023-0422-101943-751-CH1	KP10.166- Field Joint - Bitumen Missing.
22/04/2023	10:20:31	2023-0422-102031-406-CH1	KP10.179- Field Joint - Bitumen Missing.
22/04/2023	10:21:13	2023-0422-102113-995-CH1	KP10.192- Field Joint - Bitumen Missing.
22/04/2023	10:21:56	2023-0422-102156-579-CH1	KP10.204- Field Joint - Bitumen Missing.
22/04/2023	10:22:38	2023-0422-102238-154-CH1	KP10.217- Field Joint - Bitumen Missing.
22/04/2023	10:23:19	2023-0422-102319-726-CH1	KP10.229- Field Joint - Bitumen Missing.
22/04/2023	10:23:46	2023-0422-102346-090-CH1	KP10.236- Anode Assessment - 25-50% Wasted.
22/04/2023	10:24:36	2023-0422-102436-787-CH1	KP10.241- Field Joint - Bitumen Missing.
22/04/2023	10:25:20	2023-0422-102520-389-CH1	KP10.254- Field Joint - Bitumen Missing.
22/04/2023	10:26:01	2023-0422-102601-961-CH1	KP10.270- Field Joint - Bitumen Missing.
22/04/2023	10:26:42	2023-0422-102642-522-CH1	KP10.273- Debris - Fishing Gear.
22/04/2023	10:28:19	2023-0422-102819-863-CH1	KP10.279- Field Joint - Bitumen Missing.
22/04/2023	10:29:09	2023-0422-102909-551-CH1	KP10.291- Field Joint - Bitumen Missing.
22/04/2023	10:29:54	2023-0422-102954-162-CH1	KP10.303- Field Joint - Bitumen Missing.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
22/04/2023	10:30:39	2023-0422-103039-791-CH1	KP10.316- Field Joint - Bitumen Missing.
22/04/2023	10:31:01	2023-0422-103101-084-CH1	KP10.319- Debris - Fishing Gear.
22/04/2023	10:31:35	2023-0422-103135-561-CH1	KP10.329- Field Joint - Bitumen Missing.
22/04/2023	10:32:24	2023-0422-103224-230-CH1	KP10.340- Field Joint - Bitumen Missing.
22/04/2023	10:33:10	2023-0422-103310-874-CH1	KP10.353- Field Joint - Bitumen Missing.
22/04/2023	10:33:40	2023-0422-103340-278-CH1	KP10.360- Anode Assessment - 25-50% Wasted.
22/04/2023	10:34:06	2023-0422-103406-647-CH1	KP10.365- Field Joint - Bitumen Missing.
22/04/2023	10:34:45	2023-0422-103445-177-CH1	KP10.378- Field Joint - Bitumen Missing.
22/04/2023	10:35:27	2023-0422-103527-760-CH1	KP10.390- Field Joint - Bitumen Missing.
22/04/2023	10:36:06	2023-0422-103606-291-CH1	KP10.403- Field Joint - Bitumen Missing.
22/04/2023	10:37:12	2023-0422-103712-199-CH1	KP10.427- Field Joint - Bitumen Missing.
22/04/2023	10:37:42	2023-0422-103742-618-CH1	KP10.439- Field Joint - Bitumen Missing.
22/04/2023	10:38:14	2023-0422-103814-053-CH1	KP10.452- Field Joint - Bitumen Missing.
22/04/2023	10:38:45	2023-0422-103845-486-CH1	KP10.465- Field Joint - Bitumen Missing.
22/04/2023	10:39:17	2023-0422-103917-932-CH1	KP10.476- Field Joint - Bitumen Missing.
22/04/2023	10:39:42	2023-0422-103942-268-CH1	KP10.484- Anode Assessment - 25-50% Wasted.
22/04/2023	10:40:00	2023-0422-104000-520-CH1	KP10.489- Field Joint - Bitumen Missing.
22/04/2023	10:40:32	2023-0422-104032-966-CH1	KP10.502- Field Joint - Bitumen Missing.
22/04/2023	10:41:08	2023-0422-104108-455-CH1	KP10.514- Field Joint - Bitumen Missing.
22/04/2023	10:41:45	2023-0422-104145-972-CH1	KP10.526- Field Joint - Bitumen Missing.
22/04/2023	10:42:21	2023-0422-104221-463-CH1	KP10.538- Field Joint - Bitumen Missing.
22/04/2023	10:42:56	2023-0422-104256-951-CH1	KP10.551- Field Joint - Bitumen Missing.
22/04/2023	10:43:58	2023-0422-104358-804-CH1	KP10.563- Field Joint - Bitumen Missing.
22/04/2023	10:44:42	2023-0422-104442-403-CH1	KP10.575- Field Joint - Bitumen Missing.
22/04/2023	10:45:20	2023-0422-104520-933-CH1	KP10.588- Field Joint - Bitumen Missing.
22/04/2023	10:45:53	2023-0422-104553-383-CH1	KP10.597- Debris - Wire Rope.
22/04/2023	10:46:15	2023-0422-104615-688-CH1	KP10.600- Field Joint - Bitumen Missing.
22/04/2023	10:46:49	2023-0422-104649-149-CH1	KP10.607- Anode Assessment - 25-50% Wasted.
22/04/2023	10:47:13	2023-0422-104713-485-CH1	KP10.612- Field Joint - Bitumen Missing.
22/04/2023	10:48:20	2023-0422-104820-409-CH1	KP10.638- Field Joint - Bitumen Missing.
22/04/2023	10:48:56	2023-0422-104856-913-CH1	KP10.650- Field Joint - Bitumen Missing.
22/04/2023	10:49:38	2023-0422-104938-482-CH1	KP10.663- Field Joint - Bitumen Missing.
22/04/2023	10:50:19	2023-0422-105019-043-CH1	KP10.675- Field Joint - Bitumen Missing.
22/04/2023	10:51:04	2023-0422-105104-672-CH1	KP10.687- Field Joint - Bitumen Missing.
22/04/2023	10:51:43	2023-0422-105143-203-CH1	KP10.700- Field Joint - Bitumen Missing.
22/04/2023	10:52:29	2023-0422-105229-845-CH1	KP10.713- Field Joint - Bitumen Missing.
22/04/2023	10:52:32	2023-0422-105232-888-CH1	KP10.713- Field Joint - Bitumen Missing.
22/04/2023	10:53:18	2023-0422-105318-516-CH1	KP10.726- Field Joint - Bitumen Missing.
22/04/2023	10:53:46	2023-0422-105346-908-CH1	KP10.733- Anode Assessment - 25-50% Wasted.
22/04/2023	10:54:19	2023-0422-105419-355-CH1	KP10.738- Field Joint - Bitumen Missing.
22/04/2023	10:54:53	2023-0422-105453-830-CH1	KP10.750- Field Joint - Bitumen Missing.
22/04/2023	10:55:32	2023-0422-105532-367-CH1	KP10.762- Field Joint - Bitumen Missing.
22/04/2023	10:56:10	2023-0422-105610-893-CH1	KP10.777- Field Joint - Bitumen Missing.
22/04/2023	10:57:01	2023-0422-105701-591-CH1	KP10.788- Field Joint - Bitumen Missing.
22/04/2023	10:57:35	2023-0422-105735-053-CH1	KP10.801- Field Joint - Bitumen Missing.
22/04/2023	10:58:08	2023-0422-105808-513-CH1	KP10.813- Field Joint - Bitumen Missing.



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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
22/04/2023	10:59:23	2023-0422-105923-549-CH1	KP10.838- Field Joint - Bitumen Missing.
22/04/2023	10:59:57	2023-0422-105957-008-CH1	KP10.850- Field Joint - Bitumen Missing.
22/04/2023	11:00:24	2023-0422-110024-386-CH1	KP10.857- Anode Assessment - 25-50% Wasted.
22/04/2023	11:03:38	2023-0422-110338-055-CH1	KP10.863- Field Joint - Bitumen Missing.
22/04/2023	11:04:09	2023-0422-110409-488-CH1	KP10.876- Field Joint - Bitumen Missing.
22/04/2023	11:04:47	2023-0422-110447-006-CH1	KP10.888- Field Joint - Bitumen Missing.
22/04/2023	11:05:25	2023-0422-110525-536-CH1	KP10.899- Field Joint - Bitumen Missing.
22/04/2023	11:05:55	2023-0422-110555-954-CH1	KP10.913- Field Joint - Bitumen Missing.
22/04/2023	11:06:29	2023-0422-110629-417-CH1	KP10.924- Field Joint - Bitumen Missing.
22/04/2023	11:07:01	2023-0422-110701-865-CH1	KP10.937- Field Joint - Bitumen Missing.
22/04/2023	11:07:33	2023-0422-110733-296-CH1	KP10.950- Field Joint - Bitumen Missing.
22/04/2023	11:08:13	2023-0422-110813-858-CH1	KP10.962- Field Joint - Bitumen Missing.
22/04/2023	11:08:47	2023-0422-110847-316-CH1	KP10.974- Field Joint - Bitumen Missing.
22/04/2023	11:09:07	2023-0422-110907-598-CH1	KP10.981- Anode Assessment - 25-50% Wasted.
22/04/2023	11:09:30	2023-0422-110930-920-CH1	KP10.986- Field Joint - Bitumen Missing.
22/04/2023	11:10:00	2023-0422-111000-323-CH1	KP10.999- Field Joint - Bitumen Missing.
22/04/2023	11:10:41	2023-0422-111041-896-CH1	KP11.011- Field Joint - Bitumen Missing.
22/04/2023	11:11:13	2023-0422-111113-329-CH1	KP11.024- Field Joint - Bitumen Missing.
22/04/2023	11:11:42	2023-0422-111142-734-CH1	KP11.033- Debris - Wire Rope.
22/04/2023	11:11:58	2023-0422-111158-958-CH1	KP11.033- Debris - Wire Rope.
22/04/2023	11:12:32	2023-0422-111232-419-CH1	KP11.048- Field Joint - Bitumen Missing.
22/04/2023	11:15:03	2023-0422-111503-503-CH1	KP11.105- Anode Assessment - 25-50% Wasted.
22/04/2023	11:15:20	2023-0422-111520-740-CH1	KP11.105- Anode Assessment - 25-50% Wasted.
22/04/2023	11:16:17	2023-0422-111617-536-CH1	KP11.135- Field Joint - Bitumen Missing.
22/04/2023	11:17:24	2023-0422-111724-444-CH1	KP11.160- Field Joint - Bitumen Missing.
22/04/2023	11:17:58	2023-0422-111758-920-CH1	KP11.173- Field Joint - Bitumen Missing.
22/04/2023	11:18:35	2023-0422-111835-424-CH1	KP11.185- Field Joint - Bitumen Missing.
22/04/2023	11:19:13	2023-0422-111913-954-CH1	KP11.198- Field Joint - Bitumen Missing.
22/04/2023	11:19:54	2023-0422-111954-513-CH1	KP11.210- Field Joint - Bitumen Missing.
22/04/2023	11:20:27	2023-0422-112027-973-CH1	KP11.219- Debris - Soft Rope.
22/04/2023	11:20:52	2023-0422-112052-309-CH1	KP11.219- Debris - Soft Rope.
22/04/2023	11:21:19	2023-0422-112119-686-CH1	KP11.229- Anode Assessment - 25-50% Wasted.
22/04/2023	11:21:51	2023-0422-112151-120-CH1	KP11.235- Field Joint - Bitumen Missing.
22/04/2023	11:22:23	2023-0422-112223-566-CH1	KP11.247- Field Joint - Bitumen Missing.
22/04/2023	11:23:03	2023-0422-112303-112-CH1	KP11.259- Field Joint - Bitumen Missing.
22/04/2023	11:24:18	2023-0422-112418-146-CH1	KP11.285- Field Joint - Bitumen Missing.
22/04/2023	11:24:51	2023-0422-112451-608-CH1	KP11.296- Field Joint - Bitumen Missing.
22/04/2023	12:40:27	2023-0422-124027-118-CH1	KP11.320- Field Joint - Bitumen Missing.
22/04/2023	12:42:21	2023-0422-124221-698-CH1	KP11.352- Anode Assessment - 25-50% Wasted.
22/04/2023	12:43:18	2023-0422-124318-480-CH1	KP11.370- Field Joint - Bitumen Missing.
22/04/2023	12:43:59	2023-0422-124359-039-CH1	KP11.382- Field Joint - Bitumen Missing.
22/04/2023	12:45:53	2023-0422-124553-619-CH1	KP11.418- Field Joint - Bitumen Missing.
22/04/2023	12:46:36	2023-0422-124636-205-CH1	KP11.430- Field Joint - Bitumen Missing.
22/04/2023	12:47:22	2023-0422-124722-847-CH1	KP11.442- Field Joint - Bitumen Missing.
22/04/2023	12:48:12	2023-0422-124812-535-CH1	KP11.454- Field Joint - Bitumen Missing.
22/04/2023	12:49:32	2023-0422-124932-636-CH1	KP11.474- Anode Assessment - 25-50% Wasted.





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DATE	TIME	PHOTO FILE NAME	DESCRIPTION
22/04/2023	12:52:31	2023-0422-125231-095-CH1	KP11.517- Field Joint - Bitumen Missing.
22/04/2023	12:53:14	2023-0422-125314-699-CH1	KP11.529- Field Joint - Bitumen Missing.
22/04/2023	12:54:36	2023-0422-125436-828-CH1	KP11.534- Debris - Fish Trap.
22/04/2023	12:54:46	2023-0422-125446-969-CH1	KP11.534- Debris - Fish Trap.
22/04/2023	12:55:19	2023-0422-125519-417-CH1	KP11.541- Field Joint - Bitumen Missing.
22/04/2023	12:57:46	2023-0422-125746-445-CH1	KP11.554- Field Joint - Bitumen Missing.
22/04/2023	12:58:35	2023-0422-125835-114-CH1	KP11.566- Field Joint - Bitumen Missing.
22/04/2023	12:59:24	2023-0422-125924-799-CH1	KP11.579- Field Joint - Bitumen Missing.
22/04/2023	13:00:09	2023-0422-130009-414-CH1	KP11.591- Field Joint - Bitumen Missing.
22/04/2023	13:00:36	2023-0422-130036-793-CH1	KP11.598- Anode Assessment - 25-50% Wasted.
22/04/2023	13:01:46	2023-0422-130146-755-CH1	KP11.616- Field Joint - Bitumen Missing.
22/04/2023	13:02:29	2023-0422-130229-342-CH1	KP11.628- Field Joint - Bitumen Missing.
22/04/2023	13:03:14	2023-0422-130314-971-CH1	KP11.641- Field Joint - Bitumen Missing.
22/04/2023	13:03:59	2023-0422-130359-587-CH1	KP11.652- Field Joint - Bitumen Missing.
22/04/2023	13:04:47	2023-0422-130447-242-CH1	KP11.664- Field Joint - Bitumen Missing.
22/04/2023	13:05:38	2023-0422-130538-957-CH1	KP11.677- Field Joint - Bitumen Missing.
22/04/2023	13:06:23	2023-0422-130623-570-CH1	KP11.689- Field Joint - Bitumen Missing.
22/04/2023	13:07:10	2023-0422-130710-213-CH1	KP11.702- Field Joint - Bitumen Missing.
22/04/2023	13:07:56	2023-0422-130756-856-CH1	KP11.714- Field Joint - Bitumen Missing.
22/04/2023	13:08:22	2023-0422-130822-205-CH1	KP11.722- Anode Assessment - 25-50% Wasted.
22/04/2023	13:08:43	2023-0422-130843-499-CH1	KP11.722- Anode Assessment - 25-50% Wasted.
22/04/2023	13:09:31	2023-0422-130931-157-CH1	KP11.739- Field Joint - Bitumen Missing.
22/04/2023	13:10:13	2023-0422-131013-744-CH1	KP11.752- Field Joint - Bitumen Missing.
22/04/2023	13:11:03	2023-0422-131103-426-CH1	KP11.765- Field Joint - Bitumen Missing.
22/04/2023	13:11:49	2023-0422-131149-058-CH1	KP11.778- Field Joint - Bitumen Missing.
22/04/2023	13:12:31	2023-0422-131231-643-CH1	KP11.789- Field Joint - Bitumen Missing.
22/04/2023	13:14:00	2023-0422-131400-874-CH1	KP11.814- Field Joint - Bitumen Missing.
22/04/2023	13:14:49	2023-0422-131449-544-CH1	KP11.825- Field Joint - Bitumen Missing.
22/04/2023	13:15:36	2023-0422-131536-186-CH1	KP11.837- Field Joint - Bitumen Missing.
22/04/2023	13:15:58	2023-0422-131558-495-CH1	KP11.844- Anode Assessment - 25-50% Wasted.
22/04/2023	13:16:22	2023-0422-131622-830-CH1	KP11.850- Field Joint - Bitumen Missing.
22/04/2023	13:17:00	2023-0422-131700-347-CH1	KP11.861- Field Joint - Bitumen Missing.
22/04/2023	13:18:22	2023-0422-131822-477-CH1	KP11.887- Field Joint - Bitumen Missing.
22/04/2023	13:19:04	2023-0422-131904-053-CH1	KP11.900- Field Joint - Bitumen Missing.
22/04/2023	13:19:45	2023-0422-131945-625-CH1	KP11.911- Field Joint - Bitumen Missing.
22/04/2023	13:20:30	2023-0422-132030-239-CH1	KP11.924- Field Joint - Bitumen Missing.
22/04/2023	13:21:15	2023-0422-132115-869-CH1	KP11.937- Field Joint - Bitumen Missing.
22/04/2023	13:21:58	2023-0422-132158-456-CH1	KP11.948- Field Joint - Bitumen Missing.
22/04/2023	13:22:46	2023-0422-132246-113-CH1	KP11.961- Field Joint - Bitumen Missing.
22/04/2023	13:23:36	2023-0422-132336-809-CH1	KP11.974- Field Joint - Bitumen Missing.
22/04/2023	13:24:20	2023-0422-132420-413-CH1	KP11.986- Field Joint - Bitumen Missing.
22/04/2023	13:24:27	2023-0422-132427-510-CH1	KP11.986- Field Joint - Bitumen Missing.
22/04/2023	13:25:24	2023-0422-132524-292-CH1	KP11.998- Field Joint - Bitumen Missing.
22/04/2023	13:26:21	2023-0422-132621-077-CH1	KP12.010- Field Joint - Bitumen Missing.
22/04/2023	13:27:45	2023-0422-132745-235-CH1	KP12.022- Field Joint - Bitumen Missing.
22/04/2023	13:27:52	2023-0422-132752-333-CH1	KP12.023- Debris - Soft Debris. Hose section



## Photo Log

DATE	TIME	PHOTO FILE NAME	DESCRIPTION
22/04/2023	13:28:26	2023-0422-132826-808-CH1	KP12.035- Field Joint - Bitumen Missing.
22/04/2023	13:29:05	2023-0422-132905-338-CH1	KP12.049- Field Joint - Bitumen Missing.
22/04/2023	13:29:55	2023-0422-132955-024-CH1	KP12.062- Debris - Fishing Gear.
22/04/2023	13:30:34	2023-0422-133034-574-CH1	KP12.074- Field Joint - Bitumen Missing.
22/04/2023	13:31:14	2023-0422-133114-113-CH1	KP12.085- Field Joint - Bitumen Missing.
22/04/2023	13:31:37	2023-0422-133137-434-CH1	KP12.092- Anode Assessment - 25-50% Wasted.
22/04/2023	13:31:54	2023-0422-133154-674-CH1	KP12.095- Debris - Fish Trap. Sitting on top of pipeline
22/04/2023	13:33:34	2023-0422-133334-043-CH1	KP12.110- Field Joint - Bitumen Missing.
22/04/2023	13:34:17	2023-0422-133417-644-CH1	KP12.123- Field Joint - Bitumen Missing.
22/04/2023	13:35:06	2023-0422-133506-315-CH1	KP12.134- Field Joint - Bitumen Missing.
22/04/2023	13:35:50	2023-0422-133550-830-CH1	KP12.147- Field Joint - Bitumen Missing.
22/04/2023	13:36:34	2023-0422-133634-531-CH1	KP12.159- Field Joint - Bitumen Missing.
22/04/2023	13:37:18	2023-0422-133718-132-CH1	KP12.172- Field Joint - Bitumen Missing.
22/04/2023	13:38:07	2023-0422-133807-817-CH1	KP12.185- Field Joint - Bitumen Missing.
22/04/2023	13:39:01	2023-0422-133901-556-CH1	KP12.197- Field Joint - Bitumen Missing.
22/04/2023	13:39:42	2023-0422-133942-115-CH1	KP12.206- Field Joint - Bitumen Missing.
22/04/2023	13:40:48	2023-0422-134048-024-CH1	KP12.215- Field Joint - Bitumen Missing.
22/04/2023	13:44:44	2023-0422-134444-281-CH1	KP12.234- Field Joint - Bitumen Missing.
22/04/2023	13:46:54	2023-0422-134654-070-CH1	KP12.270- Debris - Fishing Gear.
22/04/2023	13:47:51	2023-0422-134751-867-CH1	KP12.284- Field Joint - Bitumen Missing.
22/04/2023	13:49:20	2023-0422-134920-081-CH1	KP12.308- Field Joint - Bitumen Missing.
22/04/2023	13:50:07	2023-0422-135007-739-CH1	KP12.320- Field Joint - Bitumen Missing.
22/04/2023	13:51:19	2023-0422-135119-730-CH1	KP12.333- Field Joint - Bitumen Missing.
22/04/2023	13:52:08	2023-0422-135208-405-CH1	KP12.347- Field Joint - Bitumen Missing.
22/04/2023	13:52:27	2023-0422-135227-666-CH1	KP12.347- Field Joint - Bitumen Missing.
22/04/2023	13:53:24	2023-0422-135324-451-CH1	KP12.359- Field Joint - Bitumen Missing.
23/04/2023	11:45:34	2023-0423-114534-723-CH1	KP12.419- Field Joint - Bitumen Missing.
23/04/2023	11:46:36	2023-0423-114636-576-CH1	KP12.431- Field Joint - Bitumen Missing.
23/04/2023	11:47:12	2023-0423-114712-065-CH1	KP12.443- Field Joint - Bitumen Missing.
23/04/2023	11:47:46	2023-0423-114746-540-CH1	KP12.456- Field Joint - Bitumen Missing.

Representative	OWA Data Recorder		OWA Supervisor
Signature:	Electronic form no signature required		Electronic form no signature required
Name (Print):	Chanatip I.		Mark R.





## Visual Inspection

Date	13 <sup>th</sup> April 2023	OWA Group	Thailand	Report No	53-66001-27-VI-01
Project No	53-66001	Dive/ROV Sys.	Falcon 12450	Dive No	Refer to dive log
Client	Star Petroleum Refining and PTT Global Chemical			Vessel	Uniwise Rayong
Project Name	PTTGC-SPRC SPM Diving Inspection and Maintenance - 48" Crude Import Pipeline Inspection				
Location	MAP TA PHUT SPM			Video Ref.	53-66001-27-VL-01

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
1	13	12:51:40	Feature	0.007	Feature - Flange	25.7	Start of Survey Section at PLEM to Pipeline flange connection
2	13	12:54:29	Cathodic Protection	0.008	Cathodic Protection - CP Steel	26.9	PLEM side of flange connection CP(-)989mV
3	13	12:56:08	Cathodic Protection	0.009	Cathodic Protection - CP Steel	26.9	Pipeline side of flange connection CP(-)986mV
4	13	13:06:22	Debris	0.049	Debris - Netting	26.5	
5	13	13:08:23	Debris	0.049	Debris - Fish Trap	25.7	
6	13	13:10:41	Debris	0.059	Debris - Fish Trap	25.4	Net
7	13	14:45:23	Debris	0.073	Debris - Netting	25.3	
8	13	14:47:02	Debris	0.078	Debris - Soft Debris	26.1	
9	13	15:00:02	Field Joint	0.112	Field Joint - Good Condition	26.1	
10	13	15:06:24	Debris	0.124	Debris - Netting	26.0	
11	13	15:09:49	Debris	0.137	Debris - Netting	25.5	
12	13	15:10:32	Debris	0.141	Debris - Other	25.9	
13	13	15:15:20	Debris	0.171	Debris - Netting	25.7	
14	13	15:16:43	Debris	0.180	Debris - Netting	25.9	
15	14	09:12:42	Debris	0.186	Debris - Fishing Gear	26.6	
16	15	12:22:18	Debris	0.188	Debris - Pipe	26.6	
17	15	12:24:17	Debris	0.191	Debris - Other	26.6	Basket
18	15	12:26:52	Debris	0.206	Debris - Other	26.6	
19	15	12:28:01	Debris	0.210	Debris - Fishing Gear	26.6	Net
20	15	12:32:25	Debris	0.246	Debris - Other	26.6	
21	15	12:34:21	Debris	0.256	Debris - Other	26.6	
22	15	12:36:58	Debris	0.271	Debris - Fishing Gear	26.6	Net
23	15	12:37:53	Debris	0.274	Debris - Other	26.6	
24	15	12:39:04	Debris	0.277	Debris - Fishing Gear	26.6	Net
25	15	13:42:28	Debris	0.279	Debris - Fish Trap	26.1	
26	15	13:49:10	Debris	0.280	Debris - Fish Trap	25.3	
27	15	13:50:10	Debris	0.283	Debris - Fish Trap	25.3	
28	15	13:51:15	Debris	0.287	Debris - Fish Trap	25.4	
29	15	13:52:43	Field Joint	0.296	Field Joint - Bitumen Missing	25.3	
30	15	13:54:48	Debris	0.305	Debris - Fishing Gear	25.4	
31	15	13:56:17	Damage	0.309	Field Joint - Bitumen Missing	25.4	
32	15	13:57:44	Damage	0.321	Field Joint - Bitumen Missing	25.4	
33	15	13:59:12	Damage	0.334	Field Joint - Bitumen Missing	25.4	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
34	15	14:00:34	Debris	0.345	Debris - Fishing Gear	25.4	
35	15	14:03:11	Damage	0.346	Field Joint - Bitumen Missing	25.4	
36	15	14:03:49	Debris	0.348	Debris - Fishing Gear	25.4	
37	15	14:05:09	Debris	0.353	Debris - Fishing Gear	25.4	
38	15	14:09:06	Anode Assessment	0.365	Anode Assessment - 25-50% Wasted	25.3	
39	15	14:13:09	Debris	0.401	Debris - Soft Rope	25.3	
40	15	14:15:01	Damage	0.422	Field Joint - Bitumen Missing	25.2	
41	15	14:18:57	Debris	0.458	Debris - Fishing Gear	25.2	
42	15	14:20:01	Debris	0.461	Debris - Debris Field	25.2	
43	15	15:23:23	Debris	0.496	Debris - Fishing Gear	25.2	
44	15	15:23:54	Damage	0.498	Field Joint - Bitumen Missing	25.1	
45	15	15:26:52	Damage	0.523	Field Joint - Bitumen Missing	25.0	
46	15	15:28:06	Damage	0.536	Field Joint - Bitumen Missing	25.1	
47	15	15:29:31	Damage	0.549	Field Joint - Bitumen Missing	25.1	
48	15	15:30:53	Debris	0.559	Debris - Fishing Gear	25.0	
49	15	15:31:35	Damage	0.561	Field Joint - Bitumen Missing	25.1	
50	15	15:33:18	Damage	0.574	Field Joint - Bitumen Missing	25.1	
51	15	15:37:48	Field Joint	0.600	Field Joint - Bitumen Missing	25.2	
52	15	15:39:06	Damage	0.613	Field Joint - Bitumen Missing	25.0	
53	15	15:41:41	Damage	0.618	Field Joint - Bitumen Missing	25.3	
54	15	15:42:40	Damage	0.625	Field Joint - Bitumen Missing	25.0	
55	15	15:44:08	Damage	0.638	Field Joint - Bitumen Missing	25.0	
56	17	10:17:11	Damage	0.652	Field Joint - Bitumen Missing	26.1	
57	17	10:18:16	Debris	0.655	Debris - Fishing Gear	26.2	Net
58	17	10:19:09	Debris	0.663	Debris - Fishing Gear	26.1	Net
59	17	10:20:33	Debris	0.672	Debris - Fishing Gear	26.2	Net
60	17	10:21:28	Debris	0.676	Debris - Fishing Gear	26.2	Net
61	17	10:22:43	Damage	0.690	Field Joint - Bitumen Missing	26.2	
62	17	10:23:43	Debris	0.702	Debris - Fishing Gear	26.2	
63	17	10:24:32	Debris	0.709	Debris - Fishing Gear	26.2	
64	17	10:25:06	Debris	0.712	Debris - Fishing Gear	26.2	
65	17	10:25:44	Debris	0.718	Debris - Fishing Gear	26.2	
66	17	10:26:15	Debris	0.721	Debris - Fishing Gear	26.2	
67	17	10:27:40	Damage	0.728	Field Joint - Bitumen Missing	26.1	
68	17	10:28:24	Debris	0.731	Debris - Fishing Gear	26.1	
69	17	10:30:30	Damage	0.766	Field Joint - Bitumen Missing	26.1	
70	17	10:31:17	Debris	0.775	Debris - Fishing Gear	26.1	
71	17	10:31:44	Damage	0.779	Field Joint - Bitumen Missing	26.1	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
72	17	10:35:05	Damage	0.817	Field Joint - Bitumen Missing	26.1	
73	17	10:36:29	Field Joint	0.830	Field Joint - Bitumen Missing	26.1	
74	17	10:37:21	Debris	0.837	Debris - Fishing Gear	26.1	
75	17	10:38:11	Damage	0.842	Field Joint - Bitumen Missing	26.2	
76	17	10:39:42	Damage	0.856	Field Joint - Bitumen Missing	26.2	
77	17	10:58:41	Field Joint	0.869	Field Joint - Bitumen Missing	26.1	
78	17	10:58:41	Debris	0.869	Debris - Netting	26.1	
79	17	11:00:08	Damage	0.881	Field Joint - Bitumen Missing	26.2	
80	17	11:15:10	Damage	0.893	Field Joint - Bitumen Missing	26.2	
81	17	11:16:11	Damage	0.906	Field Joint - Bitumen Missing	26.2	
82	17	11:17:13	Damage	0.919	Field Joint - Bitumen Missing	26.2	
83	17	11:18:54	Damage	0.946	Field Joint - Bitumen Missing	26.1	
84	17	11:19:58	Damage	0.958	Field Joint - Bitumen Missing	26.2	
85	17	11:21:03	Damage	0.970	Field Joint - Bitumen Missing	26.0	
86	17	11:22:01	Field Joint	0.983	Field Joint - Bitumen Missing	26.1	
87	17	11:23:05	Damage	0.995	Field Joint - Bitumen Missing	26.0	
88	17	11:24:09	Damage	1.007	Field Joint - Bitumen Missing	26.0	
89	17	11:25:14	Damage	1.021	Field Joint - Bitumen Missing	25.9	
90	17	11:26:10	Damage	1.033	Field Joint - Bitumen Missing	25.9	
91	17	11:26:57	Damage	1.045	Field Joint - Bitumen Missing	25.9	
92	17	11:27:51	Damage	1.057	Field Joint - Bitumen Missing	25.9	
93	17	11:28:52	Damage	1.070	Field Joint - Bitumen Missing	25.9	
94	17	11:29:39	Damage	1.082	Field Joint - Bitumen Missing	25.8	
95	17	11:30:41	Damage	1.098	Field Joint - Bitumen Missing	25.9	
96	17	11:31:35	Damage	1.108	Field Joint - Bitumen Missing	25.9	
97	17	11:32:27	Damage	1.121	Field Joint - Bitumen Missing	25.9	
98	17	11:33:41	Damage	1.133	Field Joint - Bitumen Missing	25.9	
99	17	11:34:42	Damage	1.146	Field Joint - Bitumen Missing	25.8	
100	17	11:35:34	Damage	1.158	Field Joint - Bitumen Missing	25.8	
101	17	11:37:05	Damage	1.171	Field Joint - Bitumen Missing	25.8	
102	17	11:37:59	Damage	1.184	Field Joint - Bitumen Missing	25.7	
103	17	11:39:14	Damage	1.197	Field Joint - Bitumen Missing	25.7	
104	17	11:40:07	Damage	1.209	Field Joint - Bitumen Missing	25.7	
105	17	11:41:03	Damage	1.222	Field Joint - Bitumen Missing	25.7	
106	17	11:41:38	Debris	1.228	Debris - Fishing Gear	25.7	
107	17	11:42:24	Damage	1.234	Field Joint - Bitumen Missing	25.7	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
108	17	11:43:27	Damage	1.247	Field Joint - Bitumen Missing	25.6	
109	17	11:44:33	Debris	1.256	Debris - Soft Debris	25.6	
110	17	11:45:35	Damage	1.272	Field Joint - Bitumen Missing	25.7	
111	17	11:46:27	Debris	1.283	Debris - Fishing Gear	25.7	
112	17	11:47:26	Damage	1.298	Field Joint - Bitumen Missing	25.8	
113	17	11:48:51	Damage	1.311	Field Joint - Bitumen Missing	25.8	
114	17	11:49:35	Damage	1.323	Field Joint - Bitumen Missing	25.8	
115	17	11:50:20	Damage	1.334	Field Joint - Bitumen Missing	25.8	
116	17	11:51:15	Damage	1.348	Field Joint - Bitumen Missing	25.7	
117	17	11:51:45	Debris	1.351	Debris - Fishing Gear	25.7	
118	17	11:52:18	Damage	1.360	Field Joint - Bitumen Missing	25.7	
119	17	11:53:01	Debris	1.369	Debris - Fishing Gear	25.7	
120	17	11:54:55	Damage	1.374	Field Joint - Bitumen Missing	25.8	
121	17	11:56:23	Damage	1.385	Field Joint - Bitumen Missing	25.8	
122	17	11:57:30	Damage	1.399	Field Joint - Bitumen Missing	25.8	
123	17	11:58:24	Damage	1.411	Field Joint - Bitumen Missing	25.8	
124	17	11:59:15	Damage	1.424	Field Joint - Bitumen Missing	25.8	
125	17	12:00:10	Damage	1.438	Field Joint - Bitumen Missing	25.8	
126	17	12:01:14	Debris	1.450	Debris - Fishing Gear	25.8	
127	17	12:02:01	Damage	1.462	Field Joint - Bitumen Missing	25.8	
128	17	12:02:34	Debris	1.469	Debris - Fishing Gear	25.8	
129	17	12:03:07	Damage	1.476	Field Joint - Bitumen Missing	25.9	
130	17	12:03:47	Damage	1.488	Field Joint - Bitumen Missing	25.9	
131	17	12:04:29	Damage	1.500	Field Joint - Bitumen Missing	25.9	
132	17	13:54:27	Damage	1.525	Field Joint - Bitumen Missing	25.6	
133	17	13:55:27	Damage	1.538	Field Joint - Bitumen Missing	25.6	
134	17	13:56:29	Damage	1.550	Field Joint - Bitumen Missing	25.7	
135	17	13:57:34	Damage	1.562	Field Joint - Bitumen Missing	25.6	
136	17	13:58:21	Debris	1.569	Debris - Fishing Gear	26.0	
137	17	14:15:40	Field Joint	1.601	Field Joint - Bitumen Missing	25.6	
138	17	14:16:46	Field Joint	1.614	Field Joint - Bitumen Missing	25.6	
139	17	14:20:42	Debris	1.636	Debris - Soft Debris	25.6	
140	17	14:22:34	Debris	1.649	Debris - Netting	25.5	
141	17	14:41:57	Debris	1.673	Debris - Fishing Gear	25.5	
142	17	14:43:19	Debris	1.692	Debris - Soft Rope	25.4	
143	17	14:44:35	Debris	1.704	Debris - Soft Rope	25.3	
144	17	14:45:45	Damage	1.715	Field Joint - Bitumen Missing	25.3	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
145	17	14:48:20	Damage	1.754	Field Joint - Bitumen Missing	25.0	
146	17	14:50:16	Damage	1.779	Field Joint - Bitumen Missing	24.6	
147	17	14:51:26	Damage	1.791	Field Joint - Bitumen Missing	24.6	
148	17	14:53:30	Damage	1.817	Field Joint - Bitumen Missing	24.3	
149	17	14:56:33	Damage	1.855	Field Joint - Bitumen Missing	24.0	
150	17	15:00:55	Damage	1.893	Field Joint - Bitumen Missing	23.7	
151	17	15:19:44	Damage	1.918	Field Joint - Bitumen Missing	23.8	
152	17	15:20:44	Damage	1.931	Field Joint - Bitumen Missing	23.8	
153	17	15:21:56	Damage	1.944	Field Joint - Bitumen Missing	23.7	
154	17	15:23:16	Damage	1.957	Field Joint - Bitumen Missing	23.9	
155	17	15:39:11	Damage	1.970	Field Joint - Bitumen Missing	23.8	
156	17	15:40:56	Damage	1.994	Field Joint - Bitumen Missing	23.9	
157	17	15:42:06	Damage	2.008	Field Joint - Bitumen Missing	23.7	
158	17	15:43:20	Damage	2.020	Field Joint - Bitumen Missing	23.7	
159	17	15:44:28	Damage	2.033	Field Joint - Bitumen Missing	23.8	
160	17	15:45:43	Damage	2.045	Field Joint - Bitumen Missing	23.7	
161	17	15:50:30	Damage	2.071	Field Joint - Bitumen Missing	23.8	
162	17	15:51:29	Damage	2.084	Field Joint - Bitumen Missing	23.8	
163	17	15:52:25	Damage	2.097	Field Joint - Bitumen Missing	23.8	
164	17	15:53:19	Damage	2.110	Field Joint - Bitumen Missing	23.8	
165	17	15:54:47	Damage	2.123	Field Joint - Bitumen Missing	23.9	
166	17	15:55:44	Damage	2.135	Field Joint - Bitumen Missing	23.8	
167	17	15:56:33	Anode Assessment	2.140	Anode Assessment - 25-50% Wasted	23.8	
168	17	15:57:29	Damage	2.148	Field Joint - Bitumen Missing	23.8	
169	17	15:58:22	Damage	2.160	Field Joint - Bitumen Missing	23.9	
170	17	15:59:07	Debris	2.173	Debris - Fishing Gear	23.8	
171	17	16:02:07	Damage	2.186	Field Joint - Bitumen Missing	23.7	
172	18	08:29:41	Damage	2.212	Field Joint - Bitumen Missing	24.1	
173	18	08:33:41	Damage	2.262	Field Joint - Bitumen Missing	23.9	
174	18	08:34:20	Anode Assessment	2.268	Anode Assessment - 25-50% Wasted	24.0	
175	18	08:35:25	Debris	2.272	Debris - Soft Rope	24.0	
176	18	08:38:57	Damage	2.326	Field Joint - Bitumen Missing	23.9	
177	18	08:41:26	Damage	2.351	Field Joint - Bitumen Missing	23.7	
178	18	08:42:40	Damage	2.364	Field Joint - Bitumen Missing	23.7	
179	18	08:44:14	Damage	2.376	Field Joint - Bitumen Missing	23.7	
180	18	08:45:22	Damage	2.388	Field Joint - Bitumen Missing	23.7	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
181	18	08:46:35	Debris	2.393	Debris - Other	23.6	
182	18	09:02:45	Damage	2.402	Field Joint - Bitumen Missing	23.5	
183	18	09:03:42	Damage	2.414	Field Joint - Bitumen Missing	23.4	
184	18	09:05:00	Damage	2.427	Field Joint - Bitumen Missing	23.4	
185	18	09:06:03	Damage	2.439	Field Joint - Bitumen Missing	23.3	
186	18	09:07:04	Damage	2.452	Field Joint - Bitumen Missing	23.5	
187	18	09:07:55	Debris	2.463	Debris - Soft Rope	23.5	
188	18	09:08:57	Damage	2.478	Field Joint - Bitumen Missing	23.5	
189	18	09:09:49	Damage	2.490	Field Joint - Bitumen Missing	23.6	
190	18	09:10:34	Damage	2.502	Field Joint - Bitumen Missing	23.6	
191	18	09:11:23	Damage	2.515	Field Joint - Bitumen Missing	23.5	
192	18	09:35:47	Anode Assessment	2.521	Anode Assessment - 25-50% Wasted	23.6	
193	18	09:36:25	Damage	2.528	Field Joint - Bitumen Missing	23.6	
194	18	09:37:25	Debris	2.539	Debris - Fishing Gear	23.5	
195	18	09:38:36	Damage	2.553	Field Joint - Bitumen Missing	23.4	
196	18	09:40:15	Damage	2.579	Field Joint - Bitumen Missing	23.4	
197	18	09:41:51	Damage	2.605	Field Joint - Bitumen Missing	23.2	
198	18	09:42:50	Damage	2.618	Field Joint - Bitumen Missing	23.2	
199	18	09:44:21	Damage	2.643	Field Joint - Bitumen Missing	23.2	
200	18	09:45:05	Anode Assessment	2.649	Anode Assessment - 25-50% Wasted	23.3	
201	18	09:46:17	Damage	2.655	Field Joint - Bitumen Missing	23.2	
202	18	09:47:00	Damage	2.668	Field Joint - Bitumen Missing	23.3	
203	18	09:47:50	Damage	2.682	Field Joint - Bitumen Missing	23.2	
204	18	09:48:48	Damage	2.694	Field Joint - Bitumen Missing	23.3	
205	18	09:49:39	Damage	2.707	Field Joint - Bitumen Missing	23.4	
206	18	09:50:16	Damage	2.719	Field Joint - Bitumen Missing	23.4	
207	18	09:51:05	Damage	2.733	Field Joint - Bitumen Missing	23.3	
208	18	09:51:59	Damage	2.745	Field Joint - Bitumen Missing	23.1	
209	18	10:33:58	Damage	2.768	Field Joint - Bitumen Missing	23.2	
210	18	10:35:16	Anode Assessment	2.775	Anode Assessment - 25-50% Wasted	23.2	
211	18	10:36:34	Damage	2.794	Field Joint - Bitumen Missing	23.2	
212	18	10:38:04	Damage	2.821	Field Joint - Bitumen Missing	23.4	
213	18	10:38:53	Damage	2.833	Field Joint - Bitumen Missing	23.5	
214	18	10:39:45	Damage	2.846	Field Joint - Bitumen Missing	23.5	
215	18	10:40:20	Debris	2.848	Debris - Fishing Gear	23.5	
216	18	10:41:17	Damage	2.858	Field Joint - Bitumen Missing	23.5	
217	18	10:44:12	Anode Assessment	2.903	Anode Assessment - 25-50% Wasted	23.4	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
218	18	10:44:43	Damage	2.908	Field Joint - Bitumen Missing	23.4	
219	18	10:45:39	Damage	2.921	Field Joint - Bitumen Missing	23.5	
220	18	10:46:25	Damage	2.934	Field Joint - Bitumen Missing	23.5	
221	18	10:47:14	Damage	2.947	Field Joint - Bitumen Missing	23.5	
222	18	10:48:04	Damage	2.959	Field Joint - Bitumen Missing	23.5	
223	18	10:48:49	Damage	2.971	Field Joint - Bitumen Missing	23.4	
224	18	10:50:19	Damage	2.997	Field Joint - Bitumen Missing	23.3	
225	18	10:51:06	Damage	3.010	Field Joint - Bitumen Missing	23.3	
226	18	10:51:54	Damage	3.023	Field Joint - Bitumen Missing	23.2	
227	18	10:52:39	Anode Assessment	3.030	Anode Assessment - 25-50% Wasted	23.3	
228	18	10:57:41	Damage	3.035	Field Joint - Bitumen Missing	23.2	
229	18	10:58:31	Damage	3.047	Field Joint - Bitumen Missing	23.3	
230	18	10:59:16	Damage	3.060	Field Joint - Bitumen Missing	23.1	
231	18	11:01:37	Damage	3.100	Field Joint - Bitumen Missing	23.1	
232	18	11:02:25	Damage	3.112	Field Joint - Bitumen Missing	23.0	
233	18	11:03:45	Debris	3.131	Debris - Fishing Gear	23.0	
234	18	11:04:32	Damage	3.138	Field Joint - Bitumen Missing	23.0	
235	18	11:05:29	Damage	3.150	Field Joint - Bitumen Missing	22.9	
236	18	11:06:11	Anode Assessment	3.157	Anode Assessment - 25-50% Wasted	22.9	
237	18	11:06:43	Damage	3.163	Field Joint - Bitumen Missing	22.8	
238	18	11:07:42	Damage	3.176	Field Joint - Bitumen Missing	22.9	
239	18	11:08:26	Damage	3.188	Field Joint - Bitumen Missing	22.7	
240	18	11:09:29	Damage	3.200	Field Joint - Bitumen Missing	22.7	
241	18	11:10:22	Damage	3.212	Field Joint - Bitumen Missing	22.7	
242	18	11:11:57	Damage	3.239	Field Joint - Bitumen Missing	22.7	
243	18	11:12:48	Damage	3.252	Field Joint - Bitumen Missing	22.8	
244	18	11:13:45	Damage	3.264	Field Joint - Bitumen Missing	22.8	
245	18	11:14:35	Damage	3.276	Field Joint - Bitumen Missing	22.8	
246	18	11:15:19	Anode Assessment	3.282	Anode Assessment - 25-50% Wasted	22.8	CP(-)987mV
247	18	11:30:25	Damage	3.288	Field Joint - Bitumen Missing	22.7	
248	18	11:31:41	Damage	3.312	Field Joint - Bitumen Missing	22.3	
249	18	11:32:36	Damage	3.325	Field Joint - Bitumen Missing	22.1	
250	18	11:33:28	Damage	3.337	Field Joint - Bitumen Missing	22.0	
251	18	11:34:22	Damage	3.350	Field Joint - Bitumen Missing	21.9	
252	18	11:35:01	Damage	3.363	Field Joint - Bitumen Missing	21.9	
253	18	11:35:46	Damage	3.376	Field Joint - Bitumen Missing	21.7	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
254	18	11:36:40	Debris	3.387	Debris - Fishing Gear	21.8	
255	18	11:37:36	Damage	3.401	Field Joint - Bitumen Missing	21.8	
256	18	11:39:39	Anode Assessment	3.410	Anode Assessment - 25-50% Wasted	21.7	
257	18	11:40:05	Damage	3.414	Field Joint - Bitumen Missing	21.6	
258	18	11:40:46	Damage	3.426	Field Joint - Bitumen Missing	21.7	
259	18	11:41:46	Debris	3.442	Debris - Fishing Gear	21.6	
260	18	11:42:37	Damage	3.452	Field Joint - Bitumen Missing	21.5	
261	18	11:45:27	Damage	3.502	Field Joint - Bitumen Missing	21.5	
262	18	11:46:13	Damage	3.516	Field Joint - Bitumen Missing	21.5	
263	18	11:46:55	Damage	3.527	Field Joint - Bitumen Missing	21.4	
264	18	11:50:18	Anode Assessment	3.533	Anode Assessment - 25-50% Wasted	21.4	
265	18	11:50:54	Damage	3.541	Field Joint - Bitumen Missing	21.3	
266	18	11:52:26	Damage	3.566	Field Joint - Bitumen Missing	21.4	
267	18	11:53:13	Damage	3.578	Field Joint - Bitumen Missing	21.3	
268	18	11:54:05	Damage	3.591	Field Joint - Bitumen Missing	21.3	
269	18	11:55:04	Damage	3.604	Field Joint - Bitumen Missing	21.3	
270	18	11:55:52	Damage	3.617	Field Joint - Bitumen Missing	21.4	
271	18	11:56:36	Damage	3.630	Field Joint - Bitumen Missing	21.3	
272	18	11:57:14	Damage	3.655	Field Joint - Bitumen Missing	21.2	
273	18	11:57:55	Damage	3.655	Field Joint - Bitumen Missing	21.4	
274	18	11:58:33	Anode Assessment	3.660	Anode Assessment - 25-50% Wasted	21.3	
275	18	11:59:12	Damage	3.667	Field Joint - Bitumen Missing	21.4	
276	18	12:00:05	Damage	3.680	Field Joint - Bitumen Missing	21.3	
277	18	13:27:05	Damage	3.690	Field Joint - Bitumen Missing	21.3	
278	18	13:28:06	Damage	3.703	Field Joint - Bitumen Missing	21.4	
279	18	13:29:05	Damage	3.716	Field Joint - Bitumen Missing	21.3	
280	18	13:30:00	Damage	3.729	Field Joint - Bitumen Missing	21.3	
281	18	13:30:52	Damage	3.742	Field Joint - Bitumen Missing	21.3	
282	18	13:31:48	Damage	3.754	Field Joint - Bitumen Missing	21.2	
283	18	13:32:41	Damage	3.766	Field Joint - Bitumen Missing	21.1	
284	18	13:34:31	Anode Assessment	3.785	Anode Assessment - 25-50% Wasted	21.1	
285	18	13:35:45	Damage	3.805	Field Joint - Bitumen Missing	21.2	
286	18	13:36:31	Debris	3.815	Debris - Fishing Gear	21.2	
287	18	13:37:41	Damage	3.831	Field Joint - Bitumen Missing	21.3	
288	18	13:39:32	Damage	3.869	Field Joint - Bitumen Missing	21.2	
289	18	13:40:21	Damage	3.882	Field Joint - Bitumen Missing	21.3	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
290	18	13:41:59	Damage	3.907	Field Joint - Bitumen Missing	21.3	
291	18	13:42:56	Anode Assessment	3.913	Anode Assessment - 25-50% Wasted	21.3	
292	18	13:43:39	Damage	3.920	Field Joint - Bitumen Missing	21.3	
293	18	13:45:11	Damage	3.945	Field Joint - Bitumen Missing	21.3	
294	18	13:46:51	Damage	3.971	Field Joint - Bitumen Missing	21.3	
295	18	13:47:41	Damage	3.983	Field Joint - Bitumen Missing	21.2	
296	18	13:48:36	Damage	3.996	Field Joint - Bitumen Missing	21.1	
297	18	13:49:36	Damage	4.008	Field Joint - Bitumen Missing	21.2	
298	18	13:50:39	Damage	4.020	Field Joint - Bitumen Missing	21.0	
299	18	13:52:48	Anode Assessment	4.039	Anode Assessment - 25-50% Wasted	21.4	
300	18	13:53:56	Damage	4.045	Field Joint - Bitumen Missing	21.0	
301	18	13:54:45	Damage	4.058	Field Joint - Bitumen Missing	21.0	
302	18	13:55:29	Damage	4.071	Field Joint - Bitumen Missing	20.8	
303	18	13:56:14	Damage	4.085	Field Joint - Bitumen Missing	20.9	
304	18	13:57:04	Damage	4.097	Field Joint - Bitumen Missing	20.9	
305	18	13:58:38	Damage	4.123	Field Joint - Bitumen Missing	20.8	
306	18	13:59:26	Damage	4.135	Field Joint - Bitumen Missing	20.8	
307	18	14:00:17	Damage	4.148	Field Joint - Bitumen Missing	20.7	
308	18	14:01:06	Damage	4.161	Field Joint - Bitumen Missing	20.8	
309	18	14:03:36	Anode Assessment	4.166	Anode Assessment - 25-50% Wasted	20.8	
310	18	14:04:21	Damage	4.173	Field Joint - Bitumen Missing	20.7	
311	18	14:06:13	Damage	4.198	Field Joint - Bitumen Missing	20.6	
312	18	14:07:02	Damage	4.211	Field Joint - Bitumen Missing	20.5	
313	18	14:08:23	Damage	4.235	Field Joint - Bitumen Missing	20.3	
314	18	14:09:25	Damage	4.248	Field Joint - Bitumen Missing	20.2	
315	18	14:10:12	Damage	4.261	Field Joint - Bitumen Missing	20.0	
316	18	14:11:39	Damage	4.287	Field Joint - Bitumen Missing	19.7	
317	18	14:19:40	Anode Assessment	4.293	Anode Assessment - 25-50% Wasted	19.6	
318	18	14:20:12	Damage	4.299	Field Joint - Bitumen Missing	19.6	
319	18	14:21:00	Damage	4.314	Field Joint - Bitumen Missing	19.6	
320	18	14:21:53	Damage	4.328	Field Joint - Bitumen Missing	19.7	
321	18	14:22:44	Damage	4.337	Field Joint - Bitumen Missing	19.7	
322	18	14:23:32	Damage	4.350	Field Joint - Bitumen Missing	19.7	
323	18	14:24:26	Damage	4.363	Field Joint - Bitumen Missing	19.8	
324	18	14:25:49	Damage	4.389	Field Joint - Bitumen Missing	19.7	
325	18	14:26:40	Damage	4.401	Field Joint - Bitumen Missing	19.6	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
326	18	14:27:29	Damage	4.414	Field Joint - Bitumen Missing	19.6	
327	18	14:28:09	Anode Assessment	4.420	Anode Assessment - 25-50% Wasted	19.6	
328	18	14:30:01	Damage	4.439	Field Joint - Bitumen Missing	19.5	
329	18	14:31:01	Debris	4.445	Debris - Fishing Gear	19.4	
330	18	14:31:56	Damage	4.451	Field Joint - Bitumen Missing	19.4	
331	18	14:33:26	Debris	4.474	Debris - Fishing Gear	19.5	
332	18	14:34:33	Damage	4.489	Field Joint - Bitumen Missing	19.7	
333	18	14:35:22	Damage	4.501	Field Joint - Bitumen Missing	19.7	
334	18	14:36:09	Damage	4.514	Field Joint - Bitumen Missing	19.7	
335	18	14:36:57	Damage	4.527	Field Joint - Bitumen Missing	19.7	
336	18	14:38:03	Damage	4.538	Field Joint - Bitumen Missing	19.8	
337	18	14:38:05	Damage	4.538	Field Joint - Bitumen Missing	19.8	Net
338	18	14:57:01	Anode Assessment	4.545	Anode Assessment - 25-50% Wasted	19.8	
339	18	14:57:38	Damage	4.551	Field Joint - Bitumen Missing	19.7	
340	18	14:58:20	Debris	4.559	Debris - Fishing Gear	19.8	
341	18	14:58:52	Damage	4.564	Field Joint - Bitumen Missing	19.8	
342	18	14:59:38	Damage	4.576	Field Joint - Bitumen Missing	19.7	
343	18	15:00:20	Damage	4.588	Field Joint - Bitumen Missing	19.7	
344	18	15:01:01	Damage	4.600	Field Joint - Bitumen Missing	19.7	
345	18	15:01:54	Damage	4.612	Field Joint - Bitumen Missing	19.7	
346	18	15:02:54	Damage	4.624	Field Joint - Bitumen Missing	19.7	
347	18	15:03:39	Damage	4.637	Field Joint - Bitumen Missing	19.7	
348	18	15:04:26	Damage	4.649	Field Joint - Bitumen Missing	19.6	
349	18	15:05:28	Damage	4.662	Field Joint - Bitumen Missing	19.6	
350	18	15:06:21	Anode Assessment	4.669	Anode Assessment - 25-50% Wasted	19.5	
351	18	15:07:00	Damage	4.674	Field Joint - Bitumen Missing	19.6	
352	18	15:07:51	Damage	4.686	Field Joint - Bitumen Missing	19.5	
353	18	15:08:38	Damage	4.697	Field Joint - Bitumen Missing	19.5	
354	18	15:09:26	Damage	4.710	Field Joint - Bitumen Missing	19.4	
355	18	15:10:44	Damage	4.722	Field Joint - Bitumen Missing	19.4	
356	18	15:11:35	Debris	4.733	Debris - Soft Rope	19.3	
357	18	15:11:59	Damage	4.735	Field Joint - Bitumen Missing	19.3	
358	18	15:12:45	Damage	4.748	Field Joint - Bitumen Missing	19.3	
359	18	15:13:31	Damage	4.760	Field Joint - Bitumen Missing	19.4	
360	18	15:14:24	Damage	4.773	Field Joint - Bitumen Missing	19.3	
361	18	15:15:11	Damage	4.785	Field Joint - Bitumen Missing	19.4	
362	18	15:15:44	Anode Assessment	4.793	Anode Assessment - 25-50% Wasted	19.4	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
363	18	15:16:50	Damage	4.797	Field Joint - Bitumen Missing	19.4	
364	18	15:17:43	Damage	4.810	Field Joint - Bitumen Missing	19.4	
365	18	15:18:20	Debris	4.817	Debris - Fishing Gear	19.4	
366	18	15:18:49	Damage	4.822	Field Joint - Bitumen Missing	19.3	
367	18	15:19:40	Damage	4.835	Field Joint - Bitumen Missing	19.4	
368	18	15:20:33	Damage	4.848	Field Joint - Bitumen Missing	19.3	
369	18	15:21:25	Damage	4.860	Field Joint - Bitumen Missing	19.4	
370	18	15:22:22	Damage	4.873	Field Joint - Bitumen Missing	19.3	
371	18	15:23:06	Damage	4.885	Field Joint - Bitumen Missing	19.3	
372	18	15:23:50	Damage	4.897	Field Joint - Bitumen Missing	19.3	
373	18	15:24:35	Damage	4.909	Field Joint - Bitumen Missing	19.3	
374	18	15:25:09	Debris	4.914	Debris - Fish Trap	19.3	Sitting on pipeline
375	18	15:28:39	Damage	4.935	Field Joint - Bitumen Missing	19.3	
376	18	15:29:25	Damage	4.949	Field Joint - Bitumen Missing	19.4	
377	18	15:30:18	Damage	4.959	Field Joint - Bitumen Missing	19.3	
378	18	15:31:03	Damage	4.971	Field Joint - Bitumen Missing	19.4	
379	18	15:32:35	Damage	4.997	Field Joint - Bitumen Missing	19.4	
380	18	15:34:30	Damage	5.020	Field Joint - Bitumen Missing	19.5	
381	18	15:35:31	Damage	5.032	Field Joint - Bitumen Missing	19.4	
382	18	15:36:28	Damage	5.045	Field Joint - Bitumen Missing	19.5	
383	18	15:37:20	Damage	5.057	Field Joint - Bitumen Missing	19.5	
384	18	15:39:50	Debris	5.094	Debris - Soft Rope	19.4	
385	18	15:41:24	Damage	5.119	Field Joint - Bitumen Missing	19.4	
386	18	15:43:27	Debris	5.152	Debris - Fishing Gear	19.5	
387	18	15:44:46	Damage	5.169	Field Joint - Bitumen Missing	19.5	
388	18	15:45:33	Damage	5.181	Field Joint - Bitumen Missing	19.6	
389	19	08:09:38	Damage	5.206	Field Joint - Bitumen Missing	19.5	
390	19	08:11:57	Damage	5.243	Field Joint - Bitumen Missing	19.4	
391	19	08:12:38	Damage	5.255	Field Joint - Bitumen Missing	19.4	
392	19	08:13:23	Damage	5.268	Field Joint - Bitumen Missing	19.4	
393	19	08:14:13	Damage	5.280	Field Joint - Bitumen Missing	19.3	
394	19	08:14:54	Anode Assessment	5.287	Anode Assessment - 25-50% Wasted	19.3	
395	19	08:15:25	Damage	5.292	Field Joint - Bitumen Missing	19.2	
396	19	08:16:34	Debris	5.304	Debris - Fishing Gear	19.2	
397	19	08:16:39	Damage	5.305	Field Joint - Bitumen Missing	19.3	
398	19	08:18:25	Damage	5.330	Field Joint - Bitumen Missing	19.3	
399	19	08:19:26	Damage	5.344	Field Joint - Bitumen Missing	19.2	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
400	19	08:22:36	Damage	5.380	Field Joint - Bitumen Missing	19.1	
401	19	08:23:33	Damage	5.380	Field Joint - Bitumen Missing	19.2	
402	19	08:39:26	Damage	5.392	Field Joint - Bitumen Missing	19.0	
403	19	08:40:09	Damage	5.405	Field Joint - Bitumen Missing	19.0	
404	19	08:42:16	Anode Assessment	5.413	Anode Assessment - 25-50% Wasted	19.3	
405	19	08:46:15	Damage	5.417	Field Joint - Bitumen Missing	18.9	
406	19	08:46:49	Damage	5.430	Field Joint - Bitumen Missing	19.0	
407	19	08:47:28	Damage	5.442	Field Joint - Bitumen Missing	19.0	
408	19	08:48:43	Damage	5.466	Field Joint - Bitumen Missing	18.9	
409	19	08:50:22	Damage	5.480	Field Joint - Bitumen Missing	18.9	
410	19	08:51:13	Damage	5.491	Field Joint - Bitumen Missing	18.9	
411	19	08:52:06	Damage	5.503	Field Joint - Bitumen Missing	18.7	
412	19	08:52:48	Damage	5.516	Field Joint - Bitumen Missing	18.8	
413	19	08:55:18	Anode Assessment	5.534	Anode Assessment - 25-50% Wasted	18.8	
414	19	08:56:19	Damage	5.552	Field Joint - Bitumen Missing	18.8	
415	19	08:56:58	Debris	5.559	Debris - Soft Rope	18.8	
416	19	08:57:50	Damage	5.565	Field Joint - Bitumen Missing	18.8	
417	19	08:58:42	Damage	5.578	Field Joint - Bitumen Missing	18.7	
418	19	08:59:24	Damage	5.589	Field Joint - Bitumen Missing	18.7	
419	19	09:00:02	Damage	5.603	Field Joint - Bitumen Missing	18.6	
420	19	09:00:36	Damage	5.615	Field Joint - Bitumen Missing	18.7	
421	19	09:01:11	Damage	5.627	Field Joint - Bitumen Missing	18.6	
422	19	09:01:50	Damage	5.639	Field Joint - Bitumen Missing	18.5	
423	19	09:02:28	Damage	5.652	Field Joint - Bitumen Missing	18.5	
424	19	09:14:19	Damage	5.664	Field Joint - Bitumen Missing	18.5	
425	19	09:15:08	Damage	5.677	Field Joint - Bitumen Missing	18.5	
426	19	09:15:50	Damage	5.689	Field Joint - Bitumen Missing	18.4	
427	19	09:16:29	Damage	5.702	Field Joint - Bitumen Missing	18.4	
428	19	09:17:06	Damage	5.714	Field Joint - Bitumen Missing	18.4	
429	19	09:17:42	Damage	5.726	Field Joint - Bitumen Missing	18.4	
430	19	09:18:20	Damage	5.738	Field Joint - Bitumen Missing	18.5	
431	19	09:19:44	Damage	5.750	Field Joint - Bitumen Missing	18.4	
432	19	09:20:25	Damage	5.762	Field Joint - Bitumen Missing	18.3	
433	19	09:21:02	Damage	5.775	Field Joint - Bitumen Missing	18.4	
434	19	09:22:02	Anode Assessment	5.781	Anode Assessment - 25-50% Wasted	18.3	
435	19	09:22:30	Damage	5.786	Field Joint - Bitumen Missing	18.4	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
436	19	09:23:03	Damage	5.799	Field Joint - Bitumen Missing	18.3	
437	19	09:23:37	Damage	5.811	Field Joint - Bitumen Missing	18.3	
438	19	09:24:12	Damage	5.823	Field Joint - Bitumen Missing	18.3	
439	19	09:25:49	Damage	5.848	Field Joint - Bitumen Missing	18.3	
440	19	09:27:05	Damage	5.873	Field Joint - Bitumen Missing	18.2	
441	19	09:27:42	Damage	5.884	Field Joint - Bitumen Missing	18.2	
442	19	09:28:57	Damage	5.910	Field Joint - Bitumen Missing	18.2	
443	19	09:30:20	Damage	5.946	Field Joint - Bitumen Missing	18.2	
444	19	09:31:01	Damage	5.958	Field Joint - Bitumen Missing	18.2	
445	19	09:31:39	Damage	5.974	Field Joint - Bitumen Missing	18.2	
446	19	09:32:15	Damage	5.983	Field Joint - Bitumen Missing	18.2	
447	19	09:32:46	Damage	5.996	Field Joint - Bitumen Missing	18.3	
448	19	09:33:40	Damage	6.009	Field Joint - Bitumen Missing	18.2	
449	19	09:34:25	Damage	6.021	Field Joint - Bitumen Missing	18.2	
450	19	09:35:22	Anode Assessment	6.033	Anode Assessment - 25-50% Wasted	18.3	
451	19	09:35:59	Damage	6.059	Field Joint - Bitumen Missing	18.2	
452	19	09:36:31	Damage	6.058	Field Joint - Bitumen Missing	18.0	
453	19	09:37:27	Debris	6.067	Debris - Other	18.1	Metal Rod
454	19	09:37:56	Damage	6.071	Field Joint - Bitumen Missing	18.2	
455	19	09:38:39	Damage	6.083	Field Joint - Bitumen Missing	18.1	
456	19	09:39:22	Damage	6.097	Field Joint - Bitumen Missing	18.1	
457	19	09:40:02	Debris	6.108	Debris - Fishing Gear	18.1	
458	19	09:40:54	Damage	6.121	Field Joint - Bitumen Missing	18.0	
459	19	09:41:32	Damage	6.133	Field Joint - Bitumen Missing	18.1	
460	19	09:42:08	Damage	6.145	Field Joint - Bitumen Missing	18.0	
461	19	09:42:38	Anode Assessment	6.152	Anode Assessment - 25-50% Wasted	18.0	
462	19	09:45:17	Damage	6.157	Field Joint - Bitumen Missing	17.9	
463	19	09:46:01	Damage	6.170	Field Joint - Bitumen Missing	18.0	
464	19	09:46:43	Damage	6.183	Field Joint - Bitumen Missing	17.9	
465	19	09:47:20	Damage	6.194	Field Joint - Bitumen Missing	17.9	
466	19	09:48:04	Damage	6.207	Field Joint - Bitumen Missing	17.9	
467	19	09:48:51	Damage	6.219	Field Joint - Bitumen Missing	17.9	
468	19	09:49:22	Debris	6.221	Debris - Soft Rope	18.0	
469	19	09:50:31	Damage	6.231	Field Joint - Bitumen Missing	17.9	
470	19	09:51:14	Damage	6.244	Field Joint - Bitumen Missing	17.8	
471	19	09:51:50	Damage	6.256	Field Joint - Bitumen Missing	17.8	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
472	19	09:52:28	Damage	6.269	Field Joint - Bitumen Missing	17.8	
473	19	09:52:57	Anode Assessment	6.276	Anode Assessment - 25-50% Wasted	17.8	
474	19	09:53:53	Damage	6.282	Field Joint - Bitumen Missing	17.7	
475	19	09:54:33	Damage	6.294	Field Joint - Bitumen Missing	17.8	
476	19	09:55:17	Damage	6.306	Field Joint - Bitumen Missing	17.7	
477	19	09:55:57	Damage	6.319	Field Joint - Bitumen Missing	17.7	
478	19	09:56:39	Damage	6.331	Field Joint - Bitumen Missing	17.7	
479	19	09:57:18	Damage	6.344	Field Joint - Bitumen Missing	17.7	
480	19	09:57:56	Damage	6.356	Field Joint - Bitumen Missing	17.7	
481	19	09:58:31	Damage	6.369	Field Joint - Bitumen Missing	17.6	
482	19	10:00:51	Anode Assessment	6.400	Anode Assessment - 25-50% Wasted	17.5	
483	19	10:01:19	Damage	6.405	Field Joint - Bitumen Missing	17.5	
484	19	10:01:55	Damage	6.418	Field Joint - Bitumen Missing	17.5	
485	19	10:02:59	Damage	6.442	Field Joint - Bitumen Missing	17.5	
486	19	10:03:36	Damage	6.455	Field Joint - Bitumen Missing	17.5	
487	19	10:04:07	Damage	6.467	Field Joint - Bitumen Missing	17.4	
488	19	10:05:14	Damage	6.492	Field Joint - Bitumen Missing	17.3	
489	19	10:07:09	Damage	6.526	Field Joint - Bitumen Missing	17.3	
490	19	10:08:16	Debris	6.533	Debris - Other	17.3	Canvas Sheet
491	19	10:09:42	Damage	6.554	Field Joint - Bitumen Missing	17.4	
492	19	10:10:17	Damage	6.568	Field Joint - Bitumen Missing	17.3	
493	19	10:26:09	Damage	6.578	Field Joint - Bitumen Missing	17.3	
494	19	10:26:48	Damage	6.590	Field Joint - Bitumen Missing	17.3	
495	19	10:27:24	Damage	6.602	Field Joint - Bitumen Missing	17.3	
496	19	10:28:01	Damage	6.614	Field Joint - Bitumen Missing	17.2	
497	19	10:28:40	Damage	6.626	Field Joint - Bitumen Missing	17.2	
498	19	10:29:18	Damage	6.639	Field Joint - Bitumen Missing	17.2	
499	19	10:29:52	Anode Assessment	6.645	Anode Assessment - 25-50% Wasted	17.2	
500	19	10:30:21	Damage	6.651	Field Joint - Bitumen Missing	17.2	
501	19	10:30:51	Damage	6.663	Field Joint - Bitumen Missing	17.2	
502	19	10:31:21	Damage	6.675	Field Joint - Bitumen Missing	17.1	
503	19	10:31:59	Damage	6.688	Field Joint - Bitumen Missing	17.1	
504	19	10:32:36	Damage	6.700	Field Joint - Bitumen Missing	17.0	
505	19	10:33:09	Damage	6.713	Field Joint - Bitumen Missing	17.1	
506	19	10:33:46	Damage	6.725	Field Joint - Bitumen Missing	16.9	
507	19	10:34:26	Damage	6.737	Field Joint - Bitumen Missing	17.0	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
508	19	10:35:00	Damage	6.750	Field Joint - Bitumen Missing	17.0	
509	19	10:35:33	Damage	6.762	Field Joint - Bitumen Missing	17.0	
510	19	10:36:10	Anode Assessment	6.769	Anode Assessment - 25-50% Wasted	17.0	
511	19	10:36:44	Damage	6.775	Field Joint - Bitumen Missing	16.9	
512	19	10:37:19	Damage	6.786	Field Joint - Bitumen Missing	17.0	
513	19	10:37:54	Damage	6.799	Field Joint - Bitumen Missing	17.0	
514	19	10:38:32	Damage	6.810	Field Joint - Bitumen Missing	16.9	
515	19	10:39:14	Damage	6.823	Field Joint - Bitumen Missing	17.0	
516	19	10:39:46	Damage	6.836	Field Joint - Bitumen Missing	16.9	
517	19	10:58:28	Damage	6.848	Field Joint - Bitumen Missing	17.0	
518	19	10:59:04	Debris	6.849	Debris - Fishing Gear	17.0	Net
519	19	11:00:41	Damage	6.873	Field Joint - Bitumen Missing	16.9	
520	19	11:01:15	Damage	6.885	Field Joint - Bitumen Missing	16.9	
521	19	11:01:45	Anode Assessment	6.893	Anode Assessment - 25-50% Wasted	16.9	
522	19	11:02:09	Damage	6.897	Field Joint - Bitumen Missing	16.8	
523	19	11:02:35	Debris	6.902	Debris - Soft Rope	16.9	
524	19	11:03:08	Damage	6.910	Field Joint - Bitumen Missing	16.8	
525	19	11:03:46	Damage	6.922	Field Joint - Bitumen Missing	16.8	
526	19	11:04:25	Damage	6.947	Field Joint - Bitumen Missing	16.8	
527	19	11:05:07	Damage	6.946	Field Joint - Bitumen Missing	16.9	
528	19	11:05:40	Debris	6.953	Debris - Soft Rope	16.8	
529	19	11:06:02	Damage	6.959	Field Joint - Bitumen Missing	16.9	
530	19	11:06:42	Damage	6.970	Field Joint - Bitumen Missing	16.9	
531	19	11:07:22	Damage	6.984	Field Joint - Bitumen Missing	16.9	
532	19	11:08:00	Damage	6.996	Field Joint - Bitumen Missing	16.9	
533	19	11:08:37	Damage	7.017	Field Joint - Bitumen Missing	16.7	
534	19	11:09:50	Anode Assessment	7.016	Anode Assessment - 25-50% Wasted	16.7	
535	19	11:10:12	Damage	7.021	Field Joint - Bitumen Missing	16.6	
536	19	11:10:55	Damage	7.033	Field Joint - Bitumen Missing	16.6	
537	19	11:11:43	Damage	7.045	Field Joint - Bitumen Missing	16.6	
538	19	11:12:25	Damage	7.058	Field Joint - Bitumen Missing	16.5	
539	19	11:13:05	Damage	7.070	Field Joint - Bitumen Missing	16.5	
540	19	11:13:44	Damage	7.082	Field Joint - Bitumen Missing	16.4	
541	19	11:14:18	Damage	7.091	Field Joint - Bitumen Missing	16.5	
542	19	11:14:40	Damage	7.095	Field Joint - Bitumen Missing	16.4	
543	19	11:15:27	Damage	7.108	Field Joint - Bitumen Missing	16.5	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
544	19	11:16:37	Damage	7.132	Field Joint - Bitumen Missing	16.5	
545	19	11:17:06	Anode Assessment	7.140	Anode Assessment - 25-50% Wasted	16.4	
546	19	11:34:07	Damage	7.144	Field Joint - Bitumen Missing	16.4	
547	19	11:35:07	Damage	7.157	Field Joint - Bitumen Missing	16.5	
548	19	11:35:39	Damage	7.177	Field Joint - Bitumen Missing	16.5	
549	19	11:36:20	Damage	7.181	Field Joint - Bitumen Missing	16.5	
550	19	11:37:00	Damage	7.196	Field Joint - Bitumen Missing	16.5	
551	19	11:37:44	Damage	7.207	Field Joint - Bitumen Missing	16.6	
552	19	11:38:23	Damage	7.219	Field Joint - Bitumen Missing	16.6	
553	19	13:14:15	Damage	7.241	Field Joint - Bitumen Missing	16.7	
554	19	13:14:53	Damage	7.244	Field Joint - Bitumen Missing	16.8	
555	19	13:15:35	Damage	7.257	Field Joint - Bitumen Missing	16.8	
556	19	13:16:03	Anode Assessment	7.264	Anode Assessment - 25-50% Wasted	16.8	
557	19	13:16:28	Damage	7.269	Field Joint - Bitumen Missing	16.8	
558	19	13:17:02	Damage	7.281	Field Joint - Bitumen Missing	16.8	
559	19	13:17:41	Damage	7.295	Field Joint - Bitumen Missing	16.8	
560	19	13:18:18	Damage	7.306	Field Joint - Bitumen Missing	16.8	
561	19	13:18:50	Damage	7.318	Field Joint - Bitumen Missing	16.8	
562	19	13:19:25	Damage	7.331	Field Joint - Bitumen Missing	16.8	
563	19	13:19:58	Damage	7.343	Field Joint - Bitumen Missing	16.7	
564	19	13:20:31	Damage	7.356	Field Joint - Bitumen Missing	16.8	
565	19	13:21:08	Damage	7.368	Field Joint - Bitumen Missing	16.7	
566	19	13:21:39	Damage	7.381	Field Joint - Bitumen Missing	16.7	
567	19	13:22:04	Anode Assessment	7.387	Anode Assessment - 25-50% Wasted	16.7	
568	19	13:22:30	Damage	7.393	Field Joint - Bitumen Missing	16.7	
569	19	13:23:05	Damage	7.405	Field Joint - Bitumen Missing	16.7	
570	19	13:24:16	Damage	7.430	Field Joint - Bitumen Missing	16.6	
571	19	13:24:54	Damage	7.442	Field Joint - Bitumen Missing	16.8	
572	19	13:25:34	Damage	7.454	Field Joint - Bitumen Missing	16.6	
573	19	13:26:22	Damage	7.466	Field Joint - Bitumen Missing	16.4	
574	19	13:27:07	Damage	7.479	Field Joint - Bitumen Missing	16.4	
575	19	13:27:45	Damage	7.491	Field Joint - Bitumen Missing	16.3	
576	19	13:28:23	Damage	7.504	Field Joint - Bitumen Missing	16.2	
577	19	13:28:52	Anode Assessment	7.511	Anode Assessment - 25-50% Wasted	16.2	
578	19	13:29:42	Damage	7.516	Field Joint - Bitumen Missing	16.2	
579	19	13:30:19	Damage	7.529	Field Joint - Bitumen Missing	16.1	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
580	19	13:31:00	Damage	7.541	Field Joint - Bitumen Missing	16.2	
581	19	13:31:39	Damage	7.554	Field Joint - Bitumen Missing	16.2	
582	19	13:32:18	Debris	7.562	Debris - Soft Rope	16.1	
583	19	13:32:41	Damage	7.567	Field Joint - Bitumen Missing	16.2	
584	19	13:33:21	Damage	7.578	Field Joint - Bitumen Missing	16.2	
585	19	13:34:00	Damage	7.591	Field Joint - Bitumen Missing	16.2	
586	19	13:34:37	Damage	7.604	Field Joint - Bitumen Missing	16.2	
587	19	13:35:14	Damage	7.616	Field Joint - Bitumen Missing	16.2	
588	19	13:35:56	Damage	7.629	Field Joint - Bitumen Missing	16.3	
589	19	13:36:32	Anode Assessment	7.636	Anode Assessment - 25-50% Wasted	16.2	
590	19	13:37:08	Damage	7.641	Field Joint - Bitumen Missing	16.2	
591	19	13:37:41	Damage	7.653	Field Joint - Bitumen Missing	16.2	
592	19	13:39:11	Damage	7.678	Field Joint - Bitumen Missing	16.4	
593	19	13:40:00	Damage	7.690	Field Joint - Bitumen Missing	16.4	
594	19	13:40:38	Damage	7.702	Field Joint - Bitumen Missing	16.4	
595	19	13:41:19	Damage	7.715	Field Joint - Bitumen Missing	16.4	
596	19	13:41:58	Damage	7.727	Field Joint - Bitumen Missing	16.4	
597	19	13:42:42	Damage	7.740	Field Joint - Bitumen Missing	16.4	
598	19	13:43:19	Debris	7.745	Debris - Soft Rope	16.4	
599	19	13:44:00	Damage	7.754	Field Joint - Bitumen Missing	16.5	
600	19	13:44:36	Anode Assessment	7.759	Anode Assessment - 25-50% Wasted	16.4	
601	19	13:49:23	Damage	7.764	Field Joint - Bitumen Missing	16.5	
602	19	13:50:04	Damage	7.777	Field Joint - Bitumen Missing	16.5	
603	19	13:50:41	Damage	7.788	Field Joint - Bitumen Missing	16.6	
604	19	13:51:17	Damage	7.801	Field Joint - Bitumen Missing	16.5	
605	19	13:51:53	Damage	7.813	Field Joint - Bitumen Missing	16.6	
606	19	13:52:24	Damage	7.826	Field Joint - Bitumen Missing	16.7	
607	19	14:07:16	Debris	7.835	Debris - Fishing Gear	16.7	
608	19	14:08:27	Damage	7.850	Field Joint - Bitumen Missing	16.8	
609	19	14:08:58	Debris	7.857	Debris - Fishing Gear	16.8	
610	19	14:09:57	Damage	7.876	Field Joint - Bitumen Missing	16.9	
611	19	14:10:26	Anode Assessment	7.882	Anode Assessment - 25-50% Wasted	16.9	
612	19	14:10:58	Damage	7.888	Field Joint - Bitumen Missing	16.9	
613	19	14:11:33	Damage	7.900	Field Joint - Bitumen Missing	17.0	
614	19	14:12:12	Damage	7.913	Field Joint - Bitumen Missing	17.0	
615	19	14:12:52	Damage	7.926	Field Joint - Bitumen Missing	17.0	
616	19	14:13:25	Damage	7.938	Field Joint - Bitumen Missing	17.0	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
617	19	14:13:58	Damage	7.950	Field Joint - Bitumen Missing	17.0	
618	19	14:14:29	Damage	7.962	Field Joint - Bitumen Missing	17.1	
619	19	14:15:03	Damage	7.975	Field Joint - Bitumen Missing	17.0	
620	19	14:15:37	Damage	7.987	Field Joint - Bitumen Missing	16.9	
621	19	14:16:10	Damage	8.000	Field Joint - Bitumen Missing	16.9	
622	19	14:17:42	Anode Assessment	8.008	Anode Assessment - 25-50% Wasted	16.8	
623	19	14:23:50	Damage	8.037	Field Joint - Bitumen Missing	16.8	
624	19	14:24:29	Damage	8.050	Field Joint - Bitumen Missing	16.8	
625	19	14:25:08	Damage	8.062	Field Joint - Bitumen Missing	16.9	
626	19	14:25:51	Damage	8.075	Field Joint - Bitumen Missing	17.0	
627	19	14:38:24	Damage	8.088	Field Joint - Bitumen Missing	16.9	
628	19	14:39:00	Damage	8.100	Field Joint - Bitumen Missing	16.9	
629	19	14:39:51	Damage	8.113	Field Joint - Bitumen Missing	17.0	
630	19	14:40:27	Damage	8.126	Field Joint - Bitumen Missing	17.0	
631	19	14:41:01	Anode Assessment	8.132	Anode Assessment - 25-50% Wasted	16.9	
632	19	14:41:48	Damage	8.137	Field Joint - Bitumen Missing	17.0	
633	19	14:42:31	Damage	8.150	Field Joint - Bitumen Missing	16.9	
634	19	14:43:12	Damage	8.162	Field Joint - Bitumen Missing	16.9	
635	19	14:43:47	Damage	8.174	Field Joint - Bitumen Missing	16.9	
636	19	14:44:12	Debris	8.175	Debris - Fishing Gear	17.0	
637	19	14:45:03	Damage	8.186	Field Joint - Bitumen Missing	16.9	
638	19	14:45:55	Damage	8.199	Field Joint - Bitumen Missing	16.9	
639	19	14:46:40	Damage	8.213	Field Joint - Bitumen Missing	17.1	
640	19	14:47:31	Damage	8.224	Field Joint - Bitumen Missing	17.1	
641	19	14:48:16	Debris	8.233	Debris - Soft Rope	17.1	
642	19	14:48:36	Damage	8.236	Field Joint - Bitumen Missing	17.0	
643	19	14:49:21	Damage	8.249	Field Joint - Bitumen Missing	17.0	
644	19	14:49:50	Debris	8.253	Debris - Fishing Gear	17.0	
645	19	14:50:15	Anode Assessment	8.258	Anode Assessment - 25-50% Wasted	17.0	
646	19	14:50:53	Damage	8.260	Field Joint - Bitumen Missing	17.0	
647	19	14:51:48	Damage	8.273	Field Joint - Bitumen Missing	17.0	
648	19	14:52:56	Damage	8.285	Field Joint - Bitumen Missing	17.1	
649	19	14:53:41	Damage	8.298	Field Joint - Bitumen Missing	17.0	
650	19	14:54:18	Damage	8.311	Field Joint - Bitumen Missing	17.0	
651	19	14:55:09	Damage	8.323	Field Joint - Bitumen Missing	17.0	
652	19	14:55:57	Damage	8.335	Field Joint - Bitumen Missing	17.3	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
653	19	14:56:33	Damage	8.348	Field Joint - Bitumen Missing	17.0	
654	19	14:57:23	Debris	8.354	Debris - Fishing Gear	17.0	
655	19	15:04:21	Damage	8.373	Field Joint - Bitumen Missing	16.9	
656	19	15:05:02	Anode Assessment	8.380	Anode Assessment - 25-50% Wasted	17.0	
657	19	15:05:37	Damage	8.385	Field Joint - Bitumen Missing	16.9	
658	19	15:06:22	Damage	8.397	Field Joint - Bitumen Missing	16.9	
659	19	15:07:03	Damage	8.410	Field Joint - Bitumen Missing	16.9	
660	19	15:07:51	Damage	8.422	Field Joint - Bitumen Missing	17.0	
661	19	15:08:36	Damage	8.435	Field Joint - Bitumen Missing	17.0	
662	19	15:09:14	Damage	8.447	Field Joint - Bitumen Missing	17.0	
663	19	15:10:14	Damage	8.461	Field Joint - Bitumen Missing	16.9	
664	19	15:11:07	Damage	8.472	Field Joint - Bitumen Missing	16.9	
665	19	15:11:52	Damage	8.484	Field Joint - Bitumen Missing	17.0	
666	19	15:12:29	Damage	8.497	Field Joint - Bitumen Missing	16.8	
667	19	15:16:44	Damage	8.508	Field Joint - Bitumen Missing	16.8	
668	19	15:17:25	Damage	8.521	Field Joint - Bitumen Missing	16.9	
669	19	15:18:20	Damage	8.545	Field Joint - Bitumen Missing	16.9	
670	19	15:19:20	Damage	8.547	Field Joint - Bitumen Missing	16.8	
671	19	15:20:02	Damage	8.559	Field Joint - Bitumen Missing	17.0	
672	19	15:20:58	Damage	8.571	Field Joint - Bitumen Missing	16.8	
673	19	15:21:48	Damage	8.585	Field Joint - Bitumen Missing	16.9	
674	19	15:22:31	Damage	8.609	Field Joint - Bitumen Missing	16.8	
675	19	15:23:13	Damage	8.609	Field Joint - Bitumen Missing	16.8	
676	19	15:23:40	Debris	8.609	Debris - Fishing Gear	16.9	
677	19	15:24:41	Damage	8.621	Field Joint - Bitumen Missing	16.8	
678	19	15:25:12	Anode Assessment	8.627	Anode Assessment - 25-50% Wasted	16.8	
679	19	15:25:49	Damage	8.633	Field Joint - Bitumen Missing	17.1	
680	19	15:26:28	Damage	8.645	Field Joint - Bitumen Missing	16.9	
681	19	15:29:19	Damage	8.657	Field Joint - Bitumen Missing	16.9	
682	19	15:30:15	Damage	8.670	Field Joint - Bitumen Missing	16.9	
683	19	15:30:56	Damage	8.682	Field Joint - Bitumen Missing	17.0	
684	19	15:31:40	Damage	8.695	Field Joint - Bitumen Missing	17.0	
685	19	15:32:24	Damage	8.707	Field Joint - Bitumen Missing	16.7	
686	19	15:33:00	Damage	8.719	Field Joint - Bitumen Missing	16.8	
687	19	15:33:52	Damage	8.731	Field Joint - Bitumen Missing	16.9	
688	19	15:34:36	Damage	8.742	Field Joint - Bitumen Missing	16.7	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
689	19	15:35:16	Anode Assessment	8.749	Anode Assessment - 25-50% Wasted	16.8	
690	19	15:35:55	Damage	8.754	Field Joint - Bitumen Missing	16.7	
691	19	16:07:46	Damage	8.854	Field Joint - Bitumen Missing	16.9	
692	19	16:08:32	Damage	8.865	Field Joint - Bitumen Missing	16.9	
693	19	16:08:55	Anode Assessment	8.871	Anode Assessment - 25-50% Wasted	16.9	
694	19	16:09:18	Damage	8.877	Field Joint - Bitumen Missing	16.9	
695	19	16:09:48	Damage	8.889	Field Joint - Bitumen Missing	17.0	
696	19	16:10:18	Damage	8.902	Field Joint - Bitumen Missing	17.0	
697	19	16:10:50	Damage	8.914	Field Joint - Bitumen Missing	17.0	
698	19	16:11:26	Damage	8.931	Field Joint - Bitumen Missing	17.2	
699	19	16:12:10	Damage	8.940	Field Joint - Bitumen Missing	17.2	
700	19	16:13:13	Damage	8.951	Field Joint - Bitumen Missing	17.3	
701	19	16:14:02	Damage	8.964	Field Joint - Bitumen Missing	17.2	
702	19	16:14:43	Damage	8.976	Field Joint - Bitumen Missing	17.2	
703	19	16:15:16	Damage	8.988	Field Joint - Bitumen Missing	17.2	
704	19	16:15:45	Anode Assessment	8.995	Anode Assessment - 25-50% Wasted	17.2	
705	19	16:16:06	Damage	9.001	Field Joint - Bitumen Missing	17.2	
706	19	16:16:57	Debris	9.010	Debris - Hard Debris	17.2	
707	19	16:19:27	Debris	9.036	Debris - Wire Rope	17.0	
708	22	09:12:43	Damage	9.064	Field Joint - Bitumen Missing	16.9	
709	22	09:13:49	Debris	9.073	Debris - Fishing Gear	16.9	
710	22	09:14:11	Damage	9.076	Field Joint - Bitumen Missing	16.9	
711	22	09:15:10	Damage	9.088	Field Joint - Bitumen Missing	16.9	
712	22	09:15:56	Damage	9.101	Field Joint - Bitumen Missing	16.9	
713	22	09:16:57	Damage	9.114	Field Joint - Bitumen Missing	16.9	
714	22	09:17:32	Anode Assessment	9.121	Anode Assessment - 25-50% Wasted	16.9	
715	22	09:18:16	Damage	9.125	Field Joint - Bitumen Missing	16.9	
716	22	09:19:06	Damage	9.138	Field Joint - Bitumen Missing	16.9	
717	22	09:20:03	Damage	9.150	Field Joint - Bitumen Missing	16.9	
718	22	09:20:57	Damage	9.162	Field Joint - Bitumen Missing	16.9	
719	22	09:21:42	Damage	9.175	Field Joint - Bitumen Missing	16.9	
720	22	09:22:27	Damage	9.187	Field Joint - Bitumen Missing	16.9	
721	22	09:23:14	Damage	9.199	Field Joint - Bitumen Missing	16.9	
722	22	09:23:40	Debris	9.204	Debris - Fishing Gear	16.9	
723	22	09:24:09	Damage	9.211	Field Joint - Bitumen Missing	16.9	
724	22	09:25:11	Damage	9.225	Field Joint - Bitumen Missing	16.9	
725	22	09:25:59	Damage	9.237	Field Joint - Bitumen Missing	16.9	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
726	22	09:26:37	Anode Assessment	9.244	Anode Assessment - 25-50% Wasted	16.9	
727	22	09:27:17	Debris	9.247	Debris - Wire Rope	16.9	
728	22	09:27:40	Damage	9.250	Field Joint - Bitumen Missing	16.9	
729	22	09:28:20	Debris	9.255	Debris - Fishing Gear	16.9	
730	22	09:28:53	Damage	9.261	Field Joint - Bitumen Missing	16.9	
731	22	09:29:42	Damage	9.274	Field Joint - Bitumen Missing	16.9	
732	22	09:30:25	Damage	9.286	Field Joint - Bitumen Missing	16.9	
733	22	09:31:07	Damage	9.298	Field Joint - Bitumen Missing	16.9	
734	22	09:32:02	Damage	9.311	Field Joint - Bitumen Missing	16.9	
735	22	09:32:54	Damage	9.324	Field Joint - Bitumen Missing	16.9	
736	22	09:33:45	Damage	9.336	Field Joint - Bitumen Missing	16.9	
737	22	09:34:31	Damage	9.349	Field Joint - Bitumen Missing	16.9	
738	22	09:35:10	Damage	9.361	Field Joint - Bitumen Missing	16.9	
739	22	09:35:41	Anode Assessment	9.369	Anode Assessment - 25-50% Wasted	16.9	
740	22	09:36:07	Damage	9.374	Field Joint - Bitumen Missing	16.9	
741	22	09:36:46	Damage	9.386	Field Joint - Bitumen Missing	16.9	
742	22	09:37:28	Damage	9.398	Field Joint - Bitumen Missing	16.9	
743	22	09:38:13	Damage	9.410	Field Joint - Bitumen Missing	16.9	
744	22	09:38:50	Debris	9.417	Debris - Soft Rope	16.9	
745	22	09:39:10	Damage	9.423	Field Joint - Bitumen Missing	16.9	
746	22	09:39:50	Damage	9.435	Field Joint - Bitumen Missing	16.9	
747	22	09:40:40	Damage	9.448	Field Joint - Bitumen Missing	16.9	
748	22	09:41:22	Damage	9.460	Field Joint - Bitumen Missing	16.9	
749	22	09:42:05	Damage	9.472	Field Joint - Bitumen Missing	16.9	
750	22	09:42:50	Damage	9.484	Field Joint - Bitumen Missing	16.9	
751	22	09:43:17	Anode Assessment	9.491	Anode Assessment - 25-50% Wasted	16.9	
752	22	09:43:46	Damage	9.496	Field Joint - Bitumen Missing	16.9	
753	22	09:44:29	Damage	9.509	Field Joint - Bitumen Missing	16.9	
754	22	09:45:13	Damage	9.521	Field Joint - Bitumen Missing	16.9	
755	22	09:45:46	Damage	9.533	Field Joint - Bitumen Missing	16.9	
756	22	09:46:20	Damage	9.546	Field Joint - Bitumen Missing	16.9	
757	22	09:46:51	Damage	9.559	Field Joint - Bitumen Missing	16.9	
758	22	09:47:21	Damage	9.571	Field Joint - Bitumen Missing	16.9	
759	22	09:47:42	Debris	9.572	Debris - Soft Rope	16.9	
760	22	09:48:20	Damage	9.583	Field Joint - Bitumen Missing	16.9	
761	22	09:48:52	Damage	9.596	Field Joint - Bitumen Missing	16.9	
762	22	09:49:33	Damage	9.609	Field Joint - Bitumen Missing	16.9	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
763	22	09:50:38	Damage	9.633	Field Joint - Bitumen Missing	16.9	
764	22	09:51:14	Damage	9.646	Field Joint - Bitumen Missing	16.9	
765	22	09:51:46	Damage	9.658	Field Joint - Bitumen Missing	16.9	
766	22	09:52:38	Debris	9.674	Debris - Fishing Gear	16.9	
767	22	09:53:17	Debris	9.682	Debris - Fishing Gear	16.9	
768	22	09:53:58	Damage	9.695	Field Joint - Bitumen Missing	16.9	
769	22	09:54:36	Damage	9.708	Field Joint - Bitumen Missing	16.9	
770	22	09:55:15	Damage	9.720	Field Joint - Bitumen Missing	16.9	
771	22	09:55:59	Debris	9.732	Debris - Fishing Gear	16.9	
772	22	09:56:18	Debris	9.736	Debris - Fishing Gear	16.9	
773	22	09:56:54	Damage	9.744	Field Joint - Bitumen Missing	16.9	
774	22	09:57:12	Debris	9.749	Debris - Fishing Gear	16.9	
775	22	09:57:37	Damage	9.757	Field Joint - Bitumen Missing	16.9	
776	22	09:58:51	Damage	9.782	Field Joint - Bitumen Missing	16.9	
777	22	09:59:29	Damage	9.794	Field Joint - Bitumen Missing	16.9	
778	22	10:00:07	Damage	9.806	Field Joint - Bitumen Missing	16.9	
779	22	10:00:47	Damage	9.818	Field Joint - Bitumen Missing	16.9	
780	22	10:01:25	Damage	9.831	Field Joint - Bitumen Missing	16.9	
781	22	10:02:01	Damage	9.844	Field Joint - Bitumen Missing	16.9	
782	22	10:02:36	Damage	9.856	Field Joint - Bitumen Missing	16.9	
783	22	10:03:13	Anode Assessment	9.863	Anode Assessment - 25-50% Wasted	16.9	
784	22	10:04:06	Damage	9.881	Field Joint - Bitumen Missing	16.9	
785	22	10:04:37	Damage	9.893	Field Joint - Bitumen Missing	16.9	
786	22	10:05:09	Debris	9.902	Debris - Fishing Gear	16.9	
787	22	10:05:23	Damage	9.906	Field Joint - Bitumen Missing	16.9	
788	22	10:05:54	Damage	9.917	Field Joint - Bitumen Missing	16.9	
789	22	10:06:26	Damage	9.930	Field Joint - Bitumen Missing	16.9	
790	22	10:06:58	Damage	9.942	Field Joint - Bitumen Missing	16.9	
791	22	10:07:37	Damage	9.955	Field Joint - Bitumen Missing	16.9	
792	22	10:08:22	Debris	9.966	Debris - Soft Rope	16.9	
793	22	10:08:30	Damage	9.968	Field Joint - Bitumen Missing	16.9	
794	22	10:09:05	Damage	9.980	Field Joint - Bitumen Missing	16.9	
795	22	10:09:28	Anode Assessment	9.987	Anode Assessment - 25-50% Wasted	16.9	
796	22	10:09:50	Damage	9.992	Field Joint - Bitumen Missing	16.9	
797	22	10:10:35	Damage	10.004	Field Joint - Bitumen Missing	16.9	
798	22	10:11:22	Damage	10.017	Field Joint - Bitumen Missing	16.9	
799	22	10:12:05	Damage	10.029	Field Joint - Bitumen Missing	16.9	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
800	22	10:12:45	Damage	10.041	Field Joint - Bitumen Missing	16.9	
801	22	10:13:55	Damage	10.066	Field Joint - Bitumen Missing	16.9	
802	22	10:14:28	Damage	10.079	Field Joint - Bitumen Missing	16.9	
803	22	10:15:07	Damage	10.091	Field Joint - Bitumen Missing	16.9	
804	22	10:15:45	Damage	10.104	Field Joint - Bitumen Missing	16.9	
805	22	10:16:16	Anode Assessment	10.111	Anode Assessment - 25-50% Wasted	16.9	
806	22	10:17:00	Damage	10.116	Field Joint - Bitumen Missing	16.9	
807	22	10:17:35	Damage	10.129	Field Joint - Bitumen Missing	16.9	
808	22	10:18:24	Damage	10.142	Field Joint - Bitumen Missing	16.9	
809	22	10:19:44	Damage	10.166	Field Joint - Bitumen Missing	16.9	
810	22	10:20:32	Damage	10.179	Field Joint - Bitumen Missing	16.9	
811	22	10:21:17	Damage	10.192	Field Joint - Bitumen Missing	16.9	
812	22	10:21:57	Damage	10.204	Field Joint - Bitumen Missing	16.9	
813	22	10:22:39	Damage	10.217	Field Joint - Bitumen Missing	16.9	
814	22	10:23:20	Damage	10.229	Field Joint - Bitumen Missing	16.9	
815	22	10:23:49	Anode Assessment	10.236	Anode Assessment - 25-50% Wasted	16.9	
816	22	10:24:40	Damage	10.241	Field Joint - Bitumen Missing	16.9	
817	22	10:25:21	Damage	10.254	Field Joint - Bitumen Missing	16.9	
818	22	10:26:03	Damage	10.270	Field Joint - Bitumen Missing	16.9	
819	22	10:26:56	Debris	10.273	Debris - Fishing Gear	16.9	
820	22	10:28:21	Damage	10.279	Field Joint - Bitumen Missing	16.9	
821	22	10:29:11	Damage	10.291	Field Joint - Bitumen Missing	16.9	
822	22	10:29:55	Damage	10.303	Field Joint - Bitumen Missing	16.9	
823	22	10:30:40	Damage	10.316	Field Joint - Bitumen Missing	16.9	
824	22	10:31:05	Debris	10.319	Debris - Fishing Gear	16.9	
825	22	10:31:42	Damage	10.329	Field Joint - Bitumen Missing	16.9	
826	22	10:32:24	Damage	10.340	Field Joint - Bitumen Missing	16.9	
827	22	10:33:12	Damage	10.353	Field Joint - Bitumen Missing	16.9	
828	22	10:33:43	Anode Assessment	10.360	Anode Assessment - 25-50% Wasted	16.9	
829	22	10:34:08	Damage	10.365	Field Joint - Bitumen Missing	16.9	
830	22	10:34:46	Damage	10.378	Field Joint - Bitumen Missing	16.9	
831	22	10:35:28	Damage	10.390	Field Joint - Bitumen Missing	16.9	
832	22	10:36:07	Damage	10.403	Field Joint - Bitumen Missing	16.9	
833	22	10:37:13	Damage	10.427	Field Joint - Bitumen Missing	16.9	
834	22	10:37:43	Damage	10.439	Field Joint - Bitumen Missing	16.9	
835	22	10:38:15	Damage	10.452	Field Joint - Bitumen Missing	16.9	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
836	22	10:38:46	Damage	10.465	Field Joint - Bitumen Missing	16.9	
837	22	10:39:17	Damage	10.476	Field Joint - Bitumen Missing	16.9	
838	22	10:39:45	Anode Assessment	10.484	Anode Assessment - 25-50% Wasted	16.9	
839	22	10:40:02	Damage	10.489	Field Joint - Bitumen Missing	16.9	
840	22	10:40:33	Damage	10.502	Field Joint - Bitumen Missing	16.9	
841	22	10:41:09	Damage	10.514	Field Joint - Bitumen Missing	16.9	
842	22	10:41:46	Damage	10.526	Field Joint - Bitumen Missing	16.9	
843	22	10:42:22	Damage	10.538	Field Joint - Bitumen Missing	16.9	
844	22	10:42:57	Damage	10.551	Field Joint - Bitumen Missing	16.9	
845	22	10:43:59	Damage	10.563	Field Joint - Bitumen Missing	16.9	
846	22	10:44:43	Damage	10.575	Field Joint - Bitumen Missing	16.9	
847	22	10:45:21	Damage	10.588	Field Joint - Bitumen Missing	16.9	
848	22	10:45:58	Debris	10.597	Debris - Wire Rope	16.9	
849	22	10:46:19	Damage	10.600	Field Joint - Bitumen Missing	16.9	
850	22	10:46:51	Anode Assessment	10.607	Anode Assessment - 25-50% Wasted	16.9	
851	22	10:47:16	Damage	10.612	Field Joint - Bitumen Missing	16.9	
852	22	10:48:22	Damage	10.638	Field Joint - Bitumen Missing	16.9	
853	22	10:48:57	Damage	10.650	Field Joint - Bitumen Missing	16.9	
854	22	10:49:40	Damage	10.663	Field Joint - Bitumen Missing	16.9	
855	22	10:50:20	Damage	10.675	Field Joint - Bitumen Missing	16.9	
856	22	10:51:05	Damage	10.687	Field Joint - Bitumen Missing	16.9	
857	22	10:51:44	Damage	10.700	Field Joint - Bitumen Missing	16.9	
858	22	10:52:33	Damage	10.713	Field Joint - Bitumen Missing	16.9	
859	22	10:53:20	Damage	10.726	Field Joint - Bitumen Missing	16.9	
860	22	10:53:48	Anode Assessment	10.733	Anode Assessment - 25-50% Wasted	16.9	
861	22	10:54:22	Damage	10.738	Field Joint - Bitumen Missing	16.9	
862	22	10:54:54	Damage	10.750	Field Joint - Bitumen Missing	16.9	
863	22	10:55:34	Damage	10.762	Field Joint - Bitumen Missing	16.9	
864	22	10:56:20	Damage	10.777	Field Joint - Bitumen Missing	16.9	
865	22	10:57:02	Damage	10.788	Field Joint - Bitumen Missing	16.9	
866	22	10:57:37	Damage	10.801	Field Joint - Bitumen Missing	16.9	
867	22	10:58:09	Damage	10.813	Field Joint - Bitumen Missing	16.9	
868	22	10:59:25	Damage	10.838	Field Joint - Bitumen Missing	16.9	
869	22	10:59:59	Damage	10.850	Field Joint - Bitumen Missing	16.9	
870	22	11:00:26	Anode Assessment	10.857	Anode Assessment - 25-50% Wasted	16.9	
871	22	11:03:41	Damage	10.863	Field Joint - Bitumen Missing	16.9	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
872	22	11:04:12	Damage	10.876	Field Joint - Bitumen Missing	16.9	
873	22	11:04:48	Damage	10.888	Field Joint - Bitumen Missing	16.9	
874	22	11:05:26	Damage	10.899	Field Joint - Bitumen Missing	16.9	
875	22	11:05:56	Damage	10.913	Field Joint - Bitumen Missing	16.9	
876	22	11:06:30	Damage	10.924	Field Joint - Bitumen Missing	16.9	
877	22	11:07:02	Damage	10.937	Field Joint - Bitumen Missing	16.9	
878	22	11:07:34	Damage	10.950	Field Joint - Bitumen Missing	16.9	
879	22	11:08:14	Damage	10.962	Field Joint - Bitumen Missing	16.9	
880	22	11:08:48	Damage	10.974	Field Joint - Bitumen Missing	16.9	
881	22	11:09:09	Anode Assessment	10.981	Anode Assessment - 25-50% Wasted	16.9	
882	22	11:09:33	Damage	10.986	Field Joint - Bitumen Missing	16.9	
883	22	11:10:01	Damage	10.999	Field Joint - Bitumen Missing	16.9	
884	22	11:10:43	Damage	11.011	Field Joint - Bitumen Missing	16.9	
885	22	11:11:14	Damage	11.024	Field Joint - Bitumen Missing	16.9	
886	22	11:11:50	Debris	11.033	Debris - Wire Rope	16.9	
887	22	11:12:08	Debris	11.037	Debris - Fishing Gear	16.9	
888	22	11:12:35	Damage	11.048	Field Joint - Bitumen Missing	16.9	
889	22	11:15:06	Anode Assessment	11.105	Anode Assessment - 25-50% Wasted	16.9	
890	22	11:15:23	Damage	11.111	Field Joint - Bitumen Missing	16.9	
891	22	11:16:19	Damage	11.135	Field Joint - Bitumen Missing	16.9	
892	22	11:17:25	Damage	11.160	Field Joint - Bitumen Missing	16.9	
893	22	11:18:00	Damage	11.173	Field Joint - Bitumen Missing	16.9	
894	22	11:18:39	Damage	11.185	Field Joint - Bitumen Missing	16.9	
895	22	11:19:15	Damage	11.198	Field Joint - Bitumen Missing	16.9	
896	22	11:19:55	Damage	11.210	Field Joint - Bitumen Missing	16.9	
897	22	11:20:35	Debris	11.219	Debris - Soft Rope	16.9	
898	22	11:20:55	Damage	11.223	Field Joint - Bitumen Missing	16.9	
899	22	11:21:22	Anode Assessment	11.229	Anode Assessment - 25-50% Wasted	16.9	
900	22	11:21:54	Damage	11.235	Field Joint - Bitumen Missing	16.9	
901	22	11:23:04	Damage	11.259	Field Joint - Bitumen Missing	16.9	
902	22	11:24:19	Damage	11.285	Field Joint - Bitumen Missing	16.9	
903	22	11:24:53	Damage	11.296	Field Joint - Bitumen Missing	16.9	
904	22	12:40:29	Damage	11.320	Field Joint - Bitumen Missing	16.9	
905	22	12:42:24	Anode Assessment	11.352	Anode Assessment - 25-50% Wasted	16.9	
906	22	12:43:22	Damage	11.370	Field Joint - Bitumen Missing	16.9	
907	22	12:44:01	Damage	11.382	Field Joint - Bitumen Missing	16.9	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
908	22	12:45:54	Damage	11.418	Field Joint - Bitumen Missing	16.9	
909	22	12:46:38	Damage	11.430	Field Joint - Bitumen Missing	16.9	
910	22	12:47:23	Damage	11.442	Field Joint - Bitumen Missing	16.9	
911	22	12:48:15	Damage	11.454	Field Joint - Bitumen Missing	16.9	
912	22	12:49:35	Anode Assessment	11.474	Anode Assessment - 25-50% Wasted	16.9	
913	22	12:52:34	Damage	11.517	Field Joint - Bitumen Missing	16.9	
914	22	12:53:15	Damage	11.529	Field Joint - Bitumen Missing	16.9	
915	22	12:54:41	Debris	11.534	Debris - Fish Trap	16.9	
916	22	12:55:32	Damage	11.541	Field Joint - Bitumen Missing	16.9	
917	22	12:57:47	Damage	11.554	Field Joint - Bitumen Missing	16.9	
918	22	12:58:36	Damage	11.566	Field Joint - Bitumen Missing	16.9	
919	22	12:59:25	Damage	11.579	Field Joint - Bitumen Missing	16.9	
920	22	13:00:10	Damage	11.591	Field Joint - Bitumen Missing	16.9	
921	22	13:00:39	Anode Assessment	11.598	Anode Assessment - 25-50% Wasted	16.9	
922	22	13:01:49	Damage	11.616	Field Joint - Bitumen Missing	16.9	
923	22	13:02:31	Damage	11.628	Field Joint - Bitumen Missing	16.9	
924	22	13:03:16	Damage	11.641	Field Joint - Bitumen Missing	16.9	
925	22	13:04:01	Damage	11.652	Field Joint - Bitumen Missing	16.9	
926	22	13:04:49	Damage	11.664	Field Joint - Bitumen Missing	16.9	
927	22	13:05:39	Damage	11.677	Field Joint - Bitumen Missing	16.9	
928	22	13:06:24	Damage	11.689	Field Joint - Bitumen Missing	16.9	
929	22	13:07:12	Damage	11.702	Field Joint - Bitumen Missing	16.9	
930	22	13:07:57	Damage	11.714	Field Joint - Bitumen Missing	16.9	
931	22	13:08:25	Anode Assessment	11.722	Anode Assessment - 25-50% Wasted	16.9	
932	22	13:08:46	Damage	11.727	Field Joint - Bitumen Missing	16.9	
933	22	13:09:32	Field Joint	11.739	Field Joint - Bitumen Missing	16.9	
934	22	13:10:13	Field Joint	11.752	Field Joint - Bitumen Missing	16.9	
935	22	13:11:04	Field Joint	11.765	Field Joint - Bitumen Missing	16.9	
936	22	13:11:46	Field Joint	11.778	Field Joint - Bitumen Missing	16.9	
937	22	13:12:28	Field Joint	11.789	Field Joint - Bitumen Missing	16.9	
938	22	13:14:01	Field Joint	11.814	Field Joint - Bitumen Missing	16.9	
939	22	13:14:50	Field Joint	11.825	Field Joint - Bitumen Missing	16.9	
940	22	13:15:35	Field Joint	11.837	Field Joint - Bitumen Missing	16.9	
941	22	13:15:56	Anode Assessment	11.844	Anode Assessment - 25-50% Wasted	16.9	
942	22	13:16:22	Field Joint	11.850	Field Joint - Bitumen Missing	16.9	
943	22	13:16:59	Field Joint	11.862	Field Joint - Bitumen Missing	16.9	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
944	22	13:18:21	Field Joint	11.887	Field Joint - Bitumen Missing	16.9	
945	22	13:19:02	Field Joint	11.900	Field Joint - Bitumen Missing	16.9	
946	22	13:19:46	Field Joint	11.911	Field Joint - Bitumen Missing	16.9	
947	22	13:20:29	Field Joint	11.924	Field Joint - Bitumen Missing	16.9	
948	22	13:21:17	Field Joint	11.937	Field Joint - Bitumen Missing	16.9	
949	22	13:21:55	Field Joint	11.948	Field Joint - Bitumen Missing	16.9	
950	22	13:22:45	Field Joint	11.961	Field Joint - Bitumen Missing	16.9	
951	22	13:23:08	Field Joint	11.967	Field Joint - Bitumen Missing	16.9	
952	22	13:23:36	Field Joint	11.974	Field Joint - Bitumen Missing	16.9	
953	22	13:24:17	Field Joint	11.986	Field Joint - Bitumen Missing	16.9	
954	22	13:25:22	Field Joint	11.998	Field Joint - Bitumen Missing	16.9	
955	22	13:26:20	Field Joint	12.010	Field Joint - Bitumen Missing	16.9	
956	22	13:27:45	Field Joint	12.022	Field Joint - Bitumen Missing	16.9	
957	22	13:27:51	Debris	12.023	Debris - Soft Debris	16.9	Hose section
958	22	13:28:24	Field Joint	12.035	Field Joint - Bitumen Missing	16.9	
959	22	13:29:05	Field Joint	12.049	Field Joint - Bitumen Missing	16.9	
960	22	13:29:55	Debris	12.062	Debris - Fishing Gear	16.9	
961	22	13:30:37	Field Joint	12.074	Field Joint - Bitumen Missing	16.9	
962	22	13:31:12	Field Joint	12.085	Field Joint - Bitumen Missing	16.9	
963	22	13:31:37	Anode Assessment	12.092	Anode Assessment - 25-50% Wasted	16.9	
964	22	13:31:54	Debris	12.095	Debris - Fish Trap	16.9	Sitting on top of pipeline
965	22	13:33:32	Field Joint	12.110	Field Joint - Bitumen Missing	16.9	
966	22	13:34:15	Field Joint	12.123	Field Joint - Bitumen Missing	16.9	
967	22	13:35:06	Field Joint	12.134	Field Joint - Bitumen Missing	16.9	
968	22	13:35:52	Field Joint	12.147	Field Joint - Bitumen Missing	16.9	
969	22	13:36:34	Field Joint	12.159	Field Joint - Bitumen Missing	16.9	
970	22	13:37:16	Field Joint	12.172	Field Joint - Bitumen Missing	16.9	
971	22	13:38:06	Field Joint	12.185	Field Joint - Bitumen Missing	16.9	
972	22	13:38:46	Debris	12.194	Debris - Soft Rope	16.9	
973	22	13:39:03	Field Joint	12.197	Field Joint - Bitumen Missing	16.9	
974	22	13:40:50	Damage	12.215	Field Joint - Bitumen Missing	16.9	
975	22	13:44:46	Damage	12.234	Field Joint - Bitumen Missing	16.9	
976	22	13:46:58	Debris	12.270	Debris - Fishing Gear	16.9	
977	22	13:47:54	Damage	12.284	Field Joint - Bitumen Missing	16.9	
978	22	13:49:21	Damage	12.308	Field Joint - Bitumen Missing	16.9	
979	22	13:50:09	Damage	12.320	Field Joint - Bitumen Missing	16.9	
980	22	13:51:21	Damage	12.333	Field Joint - Bitumen Missing	16.9	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
981	22	13:52:10	Damage	12.347	Field Joint - Bitumen Missing	16.9	
982	22	13:52:31	Debris	12.348	Debris - Wire Rope	16.9	
983	22	13:53:27	Damage	12.359	Field Joint - Bitumen Missing	16.9	
984	23	11:45:38	Damage	12.419	Field Joint - Bitumen Missing	16.9	
985	23	11:46:37	Damage	12.431	Field Joint - Bitumen Missing	16.9	
986	23	11:47:13	Damage	12.443	Field Joint - Bitumen Missing	16.9	
987	23	11:47:47	Damage	12.456	Field Joint - Bitumen Missing	16.9	
988	23	11:48:59	Damage	12.481	Field Joint - Bitumen Missing	16.9	
989	23	11:49:24	Debris	12.489	Debris - Fishing Gear	16.9	
990	23	11:50:17	Damage	12.506	Field Joint - Bitumen Missing	16.9	
991	23	11:50:48	Damage	12.518	Field Joint - Bitumen Missing	16.9	
992	23	11:51:23	Damage	12.530	Field Joint - Bitumen Missing	16.9	
993	23	11:51:40	Debris	12.535	Debris - Fishing Gear	16.9	
994	23	11:52:06	Damage	12.545	Field Joint - Bitumen Missing	16.9	
995	23	11:52:44	Damage	12.555	Field Joint - Bitumen Missing	16.9	
996	23	12:03:43	Damage	12.617	Field Joint - Bitumen Missing	16.9	
997	23	12:08:25	Damage	12.728	Field Joint - Bitumen Missing	16.9	
998	23	12:15:15	Damage	12.878	Field Joint - Bitumen Missing	16.9	
999	23	12:18:32	Damage	12.951	Field Joint - Bitumen Missing	16.9	
1000	23	12:19:04	Damage	12.963	Field Joint - Bitumen Missing	16.9	
1001	23	12:19:38	Damage	12.976	Field Joint - Bitumen Missing	16.9	
1002	23	12:20:08	Debris	12.978	Debris - Fish Trap	16.9	
1003	23	12:22:43	Damage	13.038	Field Joint - Bitumen Missing	16.9	
1004	23	12:24:47	Damage	13.088	Field Joint - Bitumen Missing	16.9	
1005	23	12:25:54	Damage	13.110	Field Joint - Bitumen Missing	16.9	
1006	23	12:27:47	Damage	13.146	Field Joint - Bitumen Missing	16.9	
1007	23	12:29:24	Damage	13.185	Field Joint - Bitumen Missing	16.9	
1008	23	12:32:16	Damage	13.222	Field Joint - Bitumen Missing	16.9	
1009	23	12:32:50	Damage	13.234	Field Joint - Bitumen Missing	16.9	
1010	23	12:33:22	Damage	13.247	Field Joint - Bitumen Missing	16.9	
1011	23	12:33:53	Damage	13.259	Field Joint - Bitumen Missing	16.9	
1012	23	12:34:29	Damage	13.271	Field Joint - Bitumen Missing	16.9	
1013	23	12:35:10	Damage	13.283	Field Joint - Bitumen Missing	16.9	
1014	23	12:35:51	Damage	13.296	Field Joint - Bitumen Missing	16.9	
1015	23	12:36:29	Damage	13.308	Field Joint - Bitumen Missing	16.9	
1016	23	12:38:47	Damage	13.357	Field Joint - Bitumen Missing	16.9	
1017	23	12:41:01	Damage	13.407	Field Joint - Bitumen Missing	16.9	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
1018	23	12:41:39	Damage	13.420	Field Joint - Bitumen Missing	16.9	
1019	23	12:42:10	Damage	13.432	Field Joint - Bitumen Missing	16.9	
1020	23	12:43:14	Damage	13.458	Field Joint - Bitumen Missing	16.9	
1021	23	12:43:56	Damage	13.471	Field Joint - Bitumen Missing	16.9	
1022	23	12:44:29	Damage	13.482	Field Joint - Bitumen Missing	16.9	
1023	23	12:46:39	Damage	13.532	Field Joint - Bitumen Missing	16.9	
1024	23	12:47:13	Damage	13.544	Field Joint - Bitumen Missing	16.9	
1025	23	12:47:47	Damage	13.557	Field Joint - Bitumen Missing	16.9	
1026	23	12:48:54	Damage	13.581	Field Joint - Bitumen Missing	16.9	
1027	23	12:49:28	Damage	13.594	Field Joint - Bitumen Missing	16.9	
1028	23	12:55:31	Damage	13.667	Field Joint - Bitumen Missing	16.9	
1029	23	12:55:57	Damage	13.674	Field Joint - Bitumen Missing	16.9	
1030	23	12:57:31	Damage	13.704	Field Joint - Bitumen Missing	16.9	
1031	23	12:58:12	Damage	13.718	Field Joint - Bitumen Missing	16.9	
1032	23	13:19:14	Damage	13.755	Field Joint - Bitumen Missing	16.9	
1033	23	13:21:22	Damage	13.793	Field Joint - Bitumen Missing	16.9	
1034	23	13:22:44	Damage	13.818	Field Joint - Bitumen Missing	16.9	
1035	23	13:23:18	Damage	13.829	Field Joint - Bitumen Missing	16.9	
1036	23	13:24:38	Damage	13.855	Field Joint - Bitumen Missing	16.9	
1037	23	13:25:23	Damage	13.867	Field Joint - Bitumen Missing	16.9	
1038	23	13:26:08	Damage	13.880	Field Joint - Bitumen Missing	16.9	
1039	23	13:26:45	Damage	13.892	Field Joint - Bitumen Missing	16.9	
1040	23	13:29:14	Damage	13.941	Field Joint - Bitumen Missing	16.9	
1041	23	13:30:33	Damage	13.966	Field Joint - Bitumen Missing	16.9	
1042	23	13:38:21	Damage	14.116	Field Joint - Bitumen Missing	16.9	
1043	23	13:40:08	Damage	14.151	Field Joint - Bitumen Missing	16.9	
1044	23	13:40:49	Damage	14.164	Field Joint - Bitumen Missing	16.9	
1045	23	13:41:31	Damage	14.176	Field Joint - Bitumen Missing	16.9	
1046	23	13:42:15	Damage	14.188	Field Joint - Bitumen Missing	16.9	
1047	23	13:42:53	Damage	14.200	Field Joint - Bitumen Missing	16.9	
1048	23	13:43:42	Damage	14.213	Field Joint - Bitumen Missing	16.9	
1049	23	13:44:24	Damage	14.225	Field Joint - Bitumen Missing	16.9	
1050	23	13:46:18	Damage	14.263	Field Joint - Bitumen Missing	16.9	
1051	23	13:47:38	Damage	14.288	Field Joint - Bitumen Missing	16.9	
1052	23	13:58:53	Damage	14.350	Field Joint - Bitumen Missing	16.9	
1053	23	14:00:04	Damage	14.374	Field Joint - Bitumen Missing	16.9	



## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
1054	23	14:02:27	Damage	14.425	Field Joint - Bitumen Missing	16.9	
1055	23	14:03:38	Damage	14.448	Field Joint - Bitumen Missing	16.9	
1056	23	14:04:17	Damage	14.461	Field Joint - Bitumen Missing	16.9	
1057	23	14:05:00	Damage	14.474	Field Joint - Bitumen Missing	16.9	
1058	23	14:05:43	Damage	14.485	Field Joint - Bitumen Missing	16.9	
1059	23	14:07:10	Damage	14.509	Field Joint - Bitumen Missing	16.9	
1060	23	14:07:47	Damage	14.522	Field Joint - Bitumen Missing	16.9	
1061	23	14:08:28	Damage	14.534	Field Joint - Bitumen Missing	16.9	
1062	23	14:09:08	Damage	14.546	Field Joint - Bitumen Missing	16.9	
1063	23	14:09:52	Damage	14.558	Field Joint - Bitumen Missing	16.9	
1064	23	14:12:00	Damage	14.595	Field Joint - Bitumen Missing	16.9	
1065	23	14:12:46	Damage	14.608	Field Joint - Bitumen Missing	16.9	
1066	23	14:13:22	Damage	14.620	Field Joint - Bitumen Missing	16.9	
1067	23	14:14:03	Damage	14.633	Field Joint - Bitumen Missing	16.9	
1068	23	14:15:10	Damage	14.657	Field Joint - Bitumen Missing	16.9	
1069	23	14:16:24	Damage	14.682	Field Joint - Bitumen Missing	16.9	
1070	23	14:18:54	Damage	14.733	Field Joint - Bitumen Missing	16.9	
1071	23	14:19:22	Damage	14.744	Field Joint - Bitumen Missing	16.9	
1072	23	14:19:59	Damage	14.757	Field Joint - Bitumen Missing	16.9	
1073	23	14:21:17	Damage	14.783	Field Joint - Bitumen Missing	16.9	
1074	23	14:22:19	Debris	14.794	Debris - Fish Trap	16.9	
1075	23	14:26:10	Damage	14.833	Field Joint - Bitumen Missing	16.9	
1076	23	14:26:39	Damage	14.847	Field Joint - Bitumen Missing	16.9	
1077	23	14:27:15	Damage	14.858	Field Joint - Bitumen Missing	16.9	
1078	23	14:28:52	Damage	14.897	Field Joint - Bitumen Missing	16.9	
1079	23	14:30:00	Damage	14.922	Field Joint - Bitumen Missing	16.9	
1080	23	14:38:42	Damage	15.101	Field Joint - Bitumen Missing	16.9	
1081	23	15:34:06	Damage	15.294	Field Joint - Bitumen Missing	16.9	
1082	23	15:36:31	Damage	15.331	Field Joint - Bitumen Missing	16.9	
1083	24	08:30:45	Damage	15.343	Field Joint - Bitumen Missing	16.9	
1084	24	08:31:33	Damage	15.355	Field Joint - Bitumen Missing	16.9	
1085	24	08:32:18	Damage	15.368	Field Joint - Bitumen Missing	16.9	
1086	24	08:33:05	Damage	15.381	Field Joint - Bitumen Missing	16.9	
1087	24	08:33:53	Damage	15.393	Field Joint - Bitumen Missing	16.9	
1088	24	08:34:39	Damage	15.407	Field Joint - Bitumen Missing	16.9	
1089	24	08:35:36	Damage	15.419	Field Joint - Bitumen Missing	16.9	





## Visual Inspection

NO	DATE (April)	TIME	RECORDED EVENT	KP	Actual Event	Depth (m)	COMMENT
1090	24	08:36:27	Damage	15.431	Field Joint - Bitumen Missing	16.9	
1091	24	08:41:38	Damage	15.533	Field Joint - Bitumen Missing	16.9	
1092	24	08:44:54	Damage	15.598	Field Joint - Bitumen Missing	16.9	
1093	24	08:55:20	Damage	15.737	Field Joint - Bitumen Missing	16.9	
1094	24	08:57:09	Damage	15.762	Field Joint - Bitumen Missing	16.9	
1095	24	08:57:54	Damage	15.775	Field Joint - Bitumen Missing	16.9	
1096	24	08:58:49	Damage	15.788	Field Joint - Bitumen Missing	16.9	
1097	24	08:59:36	Damage	15.801	Field Joint - Bitumen Missing	16.9	
1098	24	09:02:25	Damage	15.839	Field Joint - Bitumen Missing	16.9	
1099	24	09:03:27	Damage	15.852	Field Joint - Bitumen Missing	16.9	
1100	24	09:04:46	Damage	15.870	Field Joint - Bitumen Missing	16.9	
1101	24	09:05:22	Damage	15.877	Field Joint - Bitumen Missing	16.9	
1102	24	09:07:24	Damage	15.903	Field Joint - Bitumen Missing	16.9	
1103	24	09:08:20	Damage	15.916	Field Joint - Bitumen Missing	16.9	
1104	24	09:09:11	Damage	15.929	Field Joint - Bitumen Missing	16.9	
1105	24	09:10:53	Damage	15.953	Field Joint - Bitumen Missing	16.9	

Representative	OWA Data Recorder		OWA Supervisor
Signature:	Electronic form no signature required		Electronic form no signature required
Name (Print):	Chanatip I.		Mark R.



## Video Log

Date	13 <sup>th</sup> April 2023	OWA Group	Thailand	Report No	53-66001-27-VL-01
Project No	53-66001	Dive/ROV Sys.	Falcon 12450	Dive No	See Below
Client	Star Petroleum Refining and PTT Global Chemical			Vessel	Uniwis Rayong
Project Name	PTTGC-SPRC SPM Diving Inspection and Maintenance - 48" Crude Import Pipeline Inspection				
Location	Map Ta Phut Thailand				

Date & Time	Dive No	Description	Video File Name
2023-04-13 12:51:13	06	Start Inspection Video at KP0.007 (Introduction at Flange)	2023-0413-125112-981-CHANNEL 1.asf
2023-04-13 13:15:53	06	Stopped Inspection Video at KP0.066	
2023-04-13 14:39:30	07	Start Inspection Video at KP0.063	2023-0413-143929-689-CHANNEL 1.asf
2023-04-13 14:54:23	07	Stopped Inspection Video at KP0.110	
2023-04-13 14:57:56	07	Start Inspection Video at KP0.109	2023-0413-145755-938-CHANNEL 1.asf
2023-04-13 15:18:50	07	Stopped Inspection Video at KP0.188	
2023-04-14 09:12:02	09	Start Inspection Video at KP0.184	2023-0414-091202-048-CHANNEL 1.asf
2023-04-14 09:17:13	09	Stopped Inspection Video at KP0.176	
2023-04-15 12:19:56	10	Start Inspection Video at KP0.182	2023-0415-121955-706-CHANNEL 1.asf
2023-04-15 12:40:23	10	Stopped Inspection Video at KP0.271	
2023-04-15 13:41:00	11	Start Inspection Video at KP0.268	2023-0415-134059-751-CHANNEL 1.asf
2023-04-15 13:45:21	11	Stopped Inspection Video at KP0.277	
2023-04-15 13:48:58	11	Start Inspection Video at KP0.280	2023-0415-134858-348-CHANNEL 1.asf
2023-04-15 14:18:59	11	New Video File Started (Inspection Ongoing)	
2023-04-15 14:18:59	11	Start New File at KP0.458	2023-0415-141859-170-CHANNEL 1.asf
2023-04-15 14:22:30	11	Stopped Inspection Video at KP0.460	
2023-04-15 14:23:29	11	Start Inspection Video at KP0.457	2023-0415-142328-883-CHANNEL 1.asf
2023-04-15 14:29:23	11	Stopped Inspection Video at KP0.473	
2023-04-15 14:38:47	11	Start Inspection Video at KP0.473	2023-0415-143846-530-CHANNEL 1.asf
2023-04-15 14:39:25	11	Stopped Inspection Video at KP0.479	
2023-04-15 15:20:33	12	Start Inspection Video at KP0.478	2023-0415-152033-096-CHANNEL 1.asf
2023-04-15 15:46:02	12	Stopped Inspection Video at KP0.649	
2023-04-17 10:15:53	14	Start Inspection Video at KP0.644	2023-0417-101552-848-CHANNEL 1.asf
2023-04-17 10:40:59	14	Stopped Inspection Video at KP0.859	
2023-04-17 10:56:56	15	Start Inspection Video at KP0.855	2023-0417-105655-796-CHANNEL 1.asf
2023-04-17 11:03:50	15	Stopped Inspection Video at KP0.864	
2023-04-17 11:13:58	16	Start Inspection Video at KP0.882	2023-0417-111357-883-CHANNEL 1.asf
2023-04-17 11:43:58	16	New Video File Started (Inspection Ongoing)	
2023-04-17 11:43:58	16	Start New File at KP1.251	2023-0417-114357-694-CHANNEL 1.asf
2023-04-17 12:06:15	16	Stopped Inspection Video at KP1.500	
2023-04-17 13:53:01	18	Start Inspection Video at KP1.508	2023-0417-135301-425-CHANNEL 1.asf
2023-04-17 14:02:40	18	Stopped Inspection Video at KP1.571	
2023-04-17 14:14:14	19	Start Inspection Video at KP0.346	2023-0417-141414-977-CHANNEL 1.asf
2023-04-17 14:26:22	19	Stopped Inspection Video at KP-0.001	
2023-04-17 14:37:08	20	Start Inspection Video at KP1.655	2023-0417-143707-901-CHANNEL 1.asf
2023-04-17 15:02:12	20	Stopped Inspection Video at KP1.890	
2023-04-17 15:16:22	21	Start Inspection Video at KP1.894	2023-0417-151622-351-CHANNEL 1.asf
2023-04-17 15:24:48	21	Stopped Inspection Video at KP1.963	
2023-04-17 15:38:08	22	Start Inspection Video at KP1.962	2023-0417-153807-339-CHANNEL 1.asf
2023-04-17 16:02:40	22	Stopped Inspection Video at KP2.188	
2023-04-18 08:26:26	23	Start Inspection Video at KP2.172	2023-0418-082626-103-CHANNEL 1.asf





## Video Log


Date & Time	Dive No	Description	Video File Name
2023-04-18 08:47:10	23	Stopped Inspection Video at KP2.394	
2023-04-18 09:01:43	24	Start Inspection Video at KP2.390	2023-0418-090142-289-CHANNEL 1.asf
2023-04-18 09:20:55	24	Stopped Inspection Video at KP2.514	
2023-04-18 09:35:46	25	Start Inspection Video at KP2.521	2023-0418-093546-465-CHANNEL 1.asf
2023-04-18 09:53:33	25	Stopped Inspection Video at KP2.756	
2023-04-18 10:32:46	26	Start Inspection Video at KP2.755	2023-0418-103245-590-CHANNEL 1.asf
2023-04-18 11:02:46	26	New Video File Started (Inspection Ongoing)	
2023-04-18 11:02:46	26	Start New File at KP3.117	2023-0418-110246-414-CHANNEL 1.asf
2023-04-18 11:18:12	26	Stopped Inspection Video at KP3.283	
2023-04-18 11:29:17	27	Start Inspection Video at KP3.275	2023-0418-112917-337-CHANNEL 1.asf
2023-04-18 11:59:17	27	New Video File Started (Inspection Ongoing)	
2023-04-18 11:59:17	27	Start New File at KP3.667	2023-0418-115917-147-CHANNEL 1.asf
2023-04-18 12:00:37	27	Stopped Inspection Video at KP3.680	
2023-04-18 13:25:58	28	Start Inspection Video at KP3.676	2023-0418-132557-877-CHANNEL 1.asf
2023-04-18 13:55:58	28	New Video File Started (Inspection Ongoing)	
2023-04-18 13:55:58	28	Start New File at KP4.078	2023-0418-135557-685-CHANNEL 1.asf
2023-04-18 14:25:59	28	New Video File Started (Inspection Ongoing)	
2023-04-18 14:25:59	28	Start New File at KP4.390	2023-0418-142558-506-CHANNEL 1.asf
2023-04-18 14:39:00	28	Stopped Inspection Video at KP4.545	
2023-04-18 14:56:15	29	Start Inspection Video at KP4.543	2023-0418-145615-549-CHANNEL 1.asf
2023-04-18 15:26:16	29	New Video File Started (Inspection Ongoing)	
2023-04-18 15:26:16	29	Start New File at KP4.914	2023-0418-152615-360-CHANNEL 1.asf
2023-04-18 15:48:26	29	Stopped Inspection Video at KP5.185	
2023-04-19 08:06:39	30	Start Inspection Video at KP5.200	2023-0419-080639-388-CHANNEL 1.asf
2023-04-19 08:24:35	30	Stopped Inspection Video at KP5.382	
2023-04-19 08:38:35	31	Start Inspection Video at KP5.378	2023-0419-083834-864-CHANNEL 1.asf
2023-04-19 09:03:59	31	Stopped Inspection Video at KP5.649	
2023-04-19 09:13:35	32	Start Inspection Video at KP5.651	2023-0419-091334-808-CHANNEL 1.asf
2023-04-19 09:43:35	32	New Video File Started (Inspection Ongoing)	
2023-04-19 09:43:35	32	Start New File at KP6.154	2023-0419-094335-631-CHANNEL 1.asf
2023-04-19 10:11:37	32	New Video File Started (Inspection Ongoing)	
2023-04-19 10:25:11	33	Start Inspection Video at KP6.563	2023-0419-102511-023-CHANNEL 1.asf
2023-04-19 10:40:31	33	Stopped Inspection Video at KP6.837	
2023-04-19 10:57:25	34	Start Inspection Video at KP6.836	2023-0419-105725-689-CHANNEL 1.asf
2023-04-19 11:25:22	34	New Video File Started (Inspection Ongoing)	
2023-04-19 11:32:48	35	Start Inspection Video at KP7.140	2023-0419-113247-940-CHANNEL 1.asf
2023-04-19 11:43:06	35	Stopped Inspection Video at KP7.220	
2023-04-19 13:12:59	36	Start Inspection Video at KP7.216	2023-0419-131259-806-CHANNEL 1.asf
2023-04-19 13:43:00	36	New Video File Started (Inspection Ongoing)	
2023-04-19 13:43:00	36	Start New File at KP7.741	2023-0419-134259-617-CHANNEL 1.asf
2023-04-19 13:53:17	36	Stopped Inspection Video at KP7.830	
2023-04-19 14:06:29	37	Start Inspection Video at KP7.829	2023-0419-140629-038-CHANNEL 1.asf
2023-04-19 14:27:05	37	Stopped Inspection Video at KP8.079	
2023-04-19 14:38:10	38	Start Inspection Video at KP8.088	2023-0419-143810-244-CHANNEL 1.asf
2023-04-19 15:08:11	38	New Video File Started (Inspection Ongoing)	
2023-04-19 15:08:11	38	Start New File at KP8.426	2023-0419-150811-070-CHANNEL 1.asf
2023-04-19 15:38:11	38	New Video File Started (Inspection Ongoing)	



## Video Log

Date & Time	Dive No	Description	Video File Name
2023-04-19 15:38:11	38	Start New File at KP8.749	2023-0419-153810-878-CHANNEL 1.asf
2023-04-19 15:44:26	38	Stopped Inspection Video at KP8.765	
2023-04-19 16:07:01	40	Start Inspection Video at KP8.848	2023-0419-160701-731-CHANNEL 1.asf
2023-04-19 16:21:04	40	Stopped Inspection Video at KP9.050	
2023-04-22 09:10:28	41	Start Inspection Video at KP9.043	2023-0422-091028-232-CHANNEL 1.asf
2023-04-22 09:40:28	41	New Video File Started (Inspection Ongoing)	
2023-04-22 09:40:28	41	Start New File at KP9.444	2023-0422-094028-289-CHANNEL 1.asf
2023-04-22 10:10:29	41	New Video File Started (Inspection Ongoing)	
2023-04-22 10:10:29	41	Start New File at KP10.003	2023-0422-101028-092-CHANNEL 1.asf
2023-04-22 10:40:29	41	New Video File Started (Inspection Ongoing)	
2023-04-22 10:40:29	41	Start New File at KP10.500	2023-0422-104028-910-CHANNEL 1.asf
2023-04-22 11:10:29	41	New Video File Started (Inspection Ongoing)	
2023-04-22 11:10:29	41	Start New File at KP11.008	2023-0422-111029-728-CHANNEL 1.asf
2023-04-22 11:25:41	41	Stopped Inspection Video at KP11.302	
2023-04-22 12:39:06	42	Start Inspection Video at KP11.307	2023-0422-123905-998-CHANNEL 1.asf
2023-04-22 13:09:06	42	New Video File Started (Inspection Ongoing)	
2023-04-22 13:09:06	42	Start New File at KP11.731	2023-0422-130905-806-CHANNEL 1.asf
2023-04-22 13:39:03	42	New Video File Started (Inspection Ongoing)	
2023-04-22 13:39:07	42	Start New File at KP12.197	2023-0422-133906-628-CHANNEL 1.asf
2023-04-22 13:57:00	42	Stopped Inspection Video at KP12.393	
2023-04-23 11:42:56	43	Start Inspection Video at KP12.384	2023-0423-114256-541-CHANNEL 1.asf
2023-04-23 11:53:43	43	Stopped Inspection Video at KP12.550	
2023-04-23 12:02:09	43	Start Inspection Video at KP12.589	2023-0423-120208-417-CHANNEL 1.asf
2023-04-23 12:30:34	43	New Video File Started (Inspection Ongoing)	
2023-04-23 12:31:15	43	Start New File at KP13.210	2023-0423-123114-481-CHANNEL 1.asf
2023-04-23 13:00:55	43	New Video File Started (Inspection Ongoing)	
2023-04-23 13:17:54	44	Start Inspection Video at KP13.746	2023-0423-131754-067-CHANNEL 1.asf
2023-04-23 13:47:55	44	New Video File Started (Inspection Ongoing)	
2023-04-23 13:47:55	44	Start New File at KP14.293	2023-0423-134754-891-CHANNEL 1.asf
2023-04-23 13:50:13	44	Stopped Inspection Video at KP14.320	
2023-04-23 13:58:34	44	Start Inspection Video at KP14.344	2023-0423-135833-693-CHANNEL 1.asf
2023-04-23 14:28:34	44	New Video File Started (Inspection Ongoing)	
2023-04-23 14:28:34	44	Start New File at KP14.889	2023-0423-142834-516-CHANNEL 1.asf
2023-04-23 14:39:48	44	Stopped Inspection Video at KP15.101	
2023-04-23 15:30:06	45	Start Inspection Video at KP15.228	2023-0423-153006-400-CHANNEL 1.asf
2023-04-23 15:41:05	45	Stopped Inspection Video at KP15.376	
2023-04-24 08:27:47	47	Start Inspection Video at KP15.305	2023-0424-082747-554-CHANNEL 1.asf
2023-04-24 08:57:48	47	New Video File Started (Inspection Ongoing)	
2023-04-24 08:57:48	47	Start New File at KP15.773	2023-0424-085747-359-CHANNEL 1.asf
2023-04-24 09:20:02	47	Stopped Inspection Video at KP15.999 (End of inspection)	

Representative	OWA Data Recorder		OWA Supervisor
Signature:	Electronic form no signature required		Electronic form no signature required
Name (Print):	Chanatip I.		Mark R.

Map Ta Phut 48" Subsea Crude Import Pipeline	Page 10 of 10	
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**Appendix B: 3<sup>rd</sup> Party Survey Report**



# NAVIGATION REPORT

For

## MAP TA PHUT 48" SUBSEA CRUDE IMPORT PIPELINE

Report No.2305O01\_P

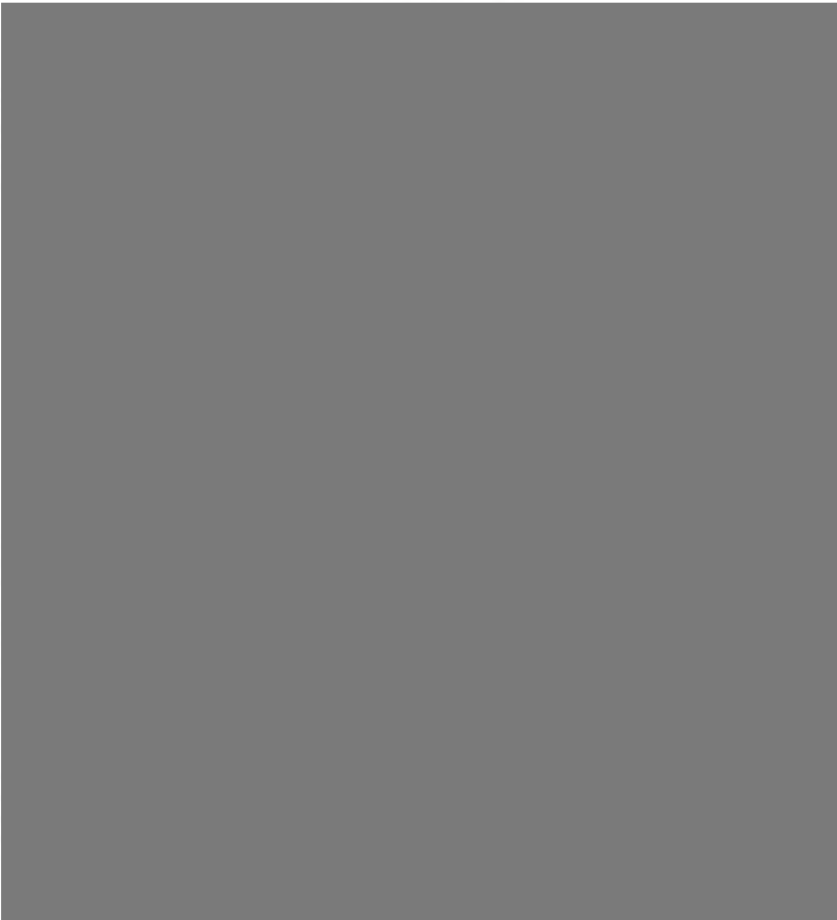
Date of Survey: 11 April – 25 April 2023

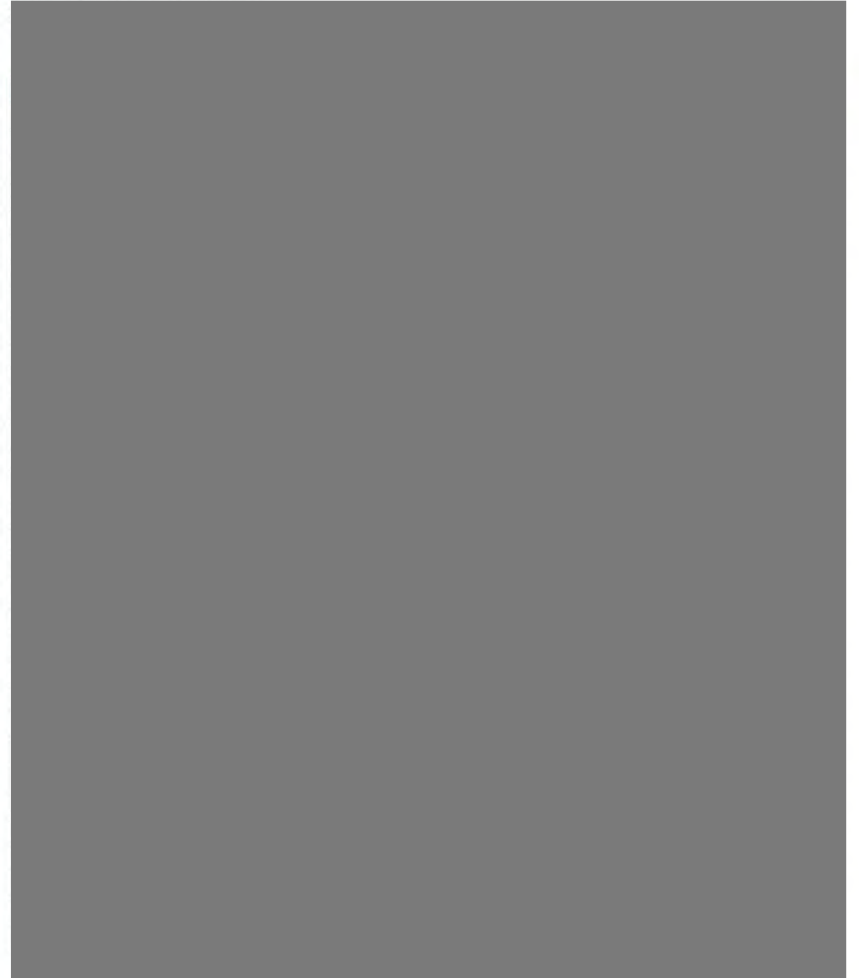
Date of Report: 23 May 2023

**M.V.M. Surveys (Thailand) Co., Ltd.**

120 Soi 4, Rangrakit Road, Ladyao, Chatuchak, Bangkok, Thailand 10900  
Tel: 662 591 6288 Fax: 662 591 6285









## Map Ta Phut 48" Subsea Crude Import Pipeline Report

### 4.0 Summary of Targets

Table of Anodes

KP	Abbreviation	Description	East	North	Date	Time	Comments
0.365	AND01	Anode Assessment - 25-50% Wasted	738902.06	1381621.99	15/04/2023	14:09:06	No Additional Comment
2.140	AND02	Anode Assessment - 25-50% Wasted	738447.84	1383338.28	17/04/2023	15:56:33	No Additional Comment
2.268	AND03	Anode Assessment - 25-50% Wasted	738417.07	1383462.51	18/04/2023	08:34:20	No Additional Comment
2.521	AND04	Anode Assessment - 25-50% Wasted	738351.11	1383706.42	18/04/2023	09:35:47	No Additional Comment
2.649	AND05	Anode Assessment - 25-50% Wasted	738318.78	1383829.88	18/04/2023	09:45:05	No Additional Comment
2.775	AND06	Anode Assessment - 25-50% Wasted	738286.68	1383951.81	18/04/2023	10:35:16	No Additional Comment
2.903	AND07	Anode Assessment - 25-50% Wasted	738254.88	1384075.99	18/04/2023	10:44:12	No Additional Comment
3.030	AND08	Anode Assessment - 25-50% Wasted	738222.19	1384198.63	18/04/2023	10:52:39	No Additional Comment
3.157	AND09	Anode Assessment - 25-50% Wasted	738188.87	1384321.45	18/04/2023	11:06:11	No Additional Comment
3.282	AND10	Anode Assessment - 25-50% Wasted	738156.95	1384442.45	18/04/2023	11:15:19	CP(-)987mV
3.410	AND11	Anode Assessment - 25-50% Wasted	738124.28	1384565.93	18/04/2023	11:39:39	No Additional Comment
3.533	AND12	Anode Assessment - 25-50% Wasted	738093.60	1384685.15	18/04/2023	11:50:18	No Additional Comment
3.660	AND13	Anode Assessment - 25-50% Wasted	738062.31	1384808.42	18/04/2023	11:58:33	No Additional Comment
3.785	AND14	Anode Assessment - 25-50% Wasted	738031.28	1384929.58	18/04/2023	13:34:31	No Additional Comment
3.913	AND15	Anode Assessment - 25-50% Wasted	737998.22	1385053.17	18/04/2023	13:42:56	No Additional Comment
4.039	AND16	Anode Assessment - 25-50% Wasted	737965.15	1385174.72	18/04/2023	13:52:48	No Additional Comment
4.166	AND17	Anode Assessment - 25-50% Wasted	737935.39	1385298.04	18/04/2023	14:03:36	No Additional Comment
4.293	AND18	Anode Assessment - 25-50% Wasted	737902.43	1385420.17	18/04/2023	14:19:40	No Additional Comment
4.420	AND19	Anode Assessment - 25-50% Wasted	737870.38	1385543.42	18/04/2023	14:28:09	No Additional Comment
4.545	AND20	Anode Assessment - 25-50% Wasted	737837.66	1385664.01	18/04/2023	14:57:01	No Additional Comment
4.669	AND21	Anode Assessment - 25-50% Wasted	737805.71	1385783.47	18/04/2023	15:06:21	No Additional Comment
4.793	AND22	Anode Assessment - 25-50% Wasted	737774.56	1385903.56	18/04/2023	15:15:44	No Additional Comment
5.287	AND23	Anode Assessment - 25-50% Wasted	737649.33	1386381.95	19/04/2023	08:14:54	No Additional Comment
5.413	AND24	Anode Assessment - 25-50% Wasted	737615.31	1386503.31	19/04/2023	08:42:16	Enter Event Comment
5.534	AND25	Anode Assessment - 25-50% Wasted	737585.87	1386620.49	19/04/2023	08:55:18	No Additional Comment
5.781	AND26	Anode Assessment - 25-50% Wasted	737523.81	1386859.55	19/04/2023	09:22:02	No Additional Comment
6.033	AND27	Anode Assessment - 25-50% Wasted	737459.40	1387103.61	19/04/2023	09:35:22	No Additional Comment
6.152	AND28	Anode Assessment - 25-50% Wasted	737428.92	1387218.66	19/04/2023	09:42:38	No Additional Comment
6.276	AND29	Anode Assessment - 25-50% Wasted	737397.72	1387338.37	19/04/2023	09:52:57	No Additional Comment
6.400	AND30	Anode Assessment - 25-50% Wasted	737365.75	1387458.06	19/04/2023	10:00:51	No Additional Comment
6.645	AND31	Anode Assessment - 25-50% Wasted	737303.78	1387695.33	19/04/2023	10:29:52	No Additional Comment
6.769	AND32	Anode Assessment - 25-50% Wasted	737272.66	1387814.90	19/04/2023	10:36:10	No Additional Comment
6.893	AND33	Anode Assessment - 25-50% Wasted	737240.98	1387934.66	19/04/2023	11:01:45	No Additional Comment
7.016	AND34	Anode Assessment - 25-50% Wasted	737208.13	1388053.48	19/04/2023	11:09:50	No Additional Comment
7.140	AND35	Anode Assessment - 25-50% Wasted	737176.51	1388173.06	19/04/2023	11:17:06	No Additional Comment
7.264	AND36	Anode Assessment - 25-50% Wasted	737144.80	1388293.53	19/04/2023	13:16:03	No Additional Comment
7.387	AND37	Anode Assessment - 25-50% Wasted	737113.57	1388412.81	19/04/2023	13:22:04	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
7.511	AND38	Anode Assessment - 25-50% Wasted	737082.04	1388532.56	19/04/2023	13:28:52	No Additional Comment
7.636	AND39	Anode Assessment - 25-50% Wasted	737050.48	1388653.30	19/04/2023	13:36:32	No Additional Comment
7.759	AND40	Anode Assessment - 25-50% Wasted	737018.47	1388771.94	19/04/2023	13:44:36	No Additional Comment
7.882	AND41	Anode Assessment - 25-50% Wasted	736988.10	1388891.48	19/04/2023	14:10:26	No Additional Comment
8.008	AND42	Anode Assessment - 25-50% Wasted	736956.01	1389012.60	19/04/2023	14:17:42	No Additional Comment
8.132	AND43	Anode Assessment - 25-50% Wasted	736924.87	1389132.76	19/04/2023	14:41:01	No Additional Comment
8.258	AND44	Anode Assessment - 25-50% Wasted	736891.59	1389254.21	19/04/2023	14:50:15	No Additional Comment
8.380	AND45	Anode Assessment - 25-50% Wasted	736860.54	1389372.24	19/04/2023	15:05:02	No Additional Comment
8.627	AND46	Anode Assessment - 25-50% Wasted	736796.74	1389611.22	19/04/2023	15:25:12	No Additional Comment
8.749	AND47	Anode Assessment - 25-50% Wasted	736766.53	1389729.42	19/04/2023	15:35:16	No Additional Comment
8.871	AND48	Anode Assessment - 25-50% Wasted	736734.76	1389847.59	19/04/2023	16:08:55	No Additional Comment
8.995	AND49	Anode Assessment - 25-50% Wasted	736702.14	1389966.92	19/04/2023	16:15:45	No Additional Comment
9.121	AND50	Anode Assessment - 25-50% Wasted	736671.87	1390088.80	22/04/2023	09:17:32	No Additional Comment
9.244	AND51	Anode Assessment - 25-50% Wasted	736641.03	1390208.43	22/04/2023	09:26:37	No Additional Comment
9.369	AND52	Anode Assessment - 25-50% Wasted	736609.46	1390328.67	22/04/2023	09:35:41	No Additional Comment
9.491	AND53	Anode Assessment - 25-50% Wasted	736578.16	1390447.16	22/04/2023	09:43:17	No Additional Comment
9.863	AND54	Anode Assessment - 25-50% Wasted	736483.33	1390806.77	22/04/2023	10:03:13	No Additional Comment
9.987	AND55	Anode Assessment - 25-50% Wasted	736451.84	1390926.37	22/04/2023	10:09:28	No Additional Comment
10.111	AND56	Anode Assessment - 25-50% Wasted	736420.27	1391047.10	22/04/2023	10:16:16	No Additional Comment
10.236	AND57	Anode Assessment - 25-50% Wasted	736387.86	1391167.83	22/04/2023	10:23:49	No Additional Comment
10.360	AND58	Anode Assessment - 25-50% Wasted	736356.85	1391287.55	22/04/2023	10:33:43	No Additional Comment
10.484	AND59	Anode Assessment - 25-50% Wasted	736325.44	1391407.20	22/04/2023	10:39:45	No Additional Comment
10.607	AND60	Anode Assessment - 25-50% Wasted	736293.94	1391526.10	22/04/2023	10:46:51	No Additional Comment
10.733	AND61	Anode Assessment - 25-50% Wasted	736261.94	1391647.76	22/04/2023	10:53:48	No Additional Comment
10.857	AND62	Anode Assessment - 25-50% Wasted	736230.49	1391768.59	22/04/2023	11:00:26	No Additional Comment
10.981	AND63	Anode Assessment - 25-50% Wasted	736198.93	1391887.84	22/04/2023	11:09:09	No Additional Comment
11.105	AND64	Anode Assessment - 25-50% Wasted	736167.36	1392008.10	22/04/2023	11:15:06	No Additional Comment
11.229	AND65	Anode Assessment - 25-50% Wasted	736135.68	1392128.28	22/04/2023	11:21:22	No Additional Comment
11.352	AND66	Anode Assessment - 25-50% Wasted	736104.72	1392246.55	22/04/2023	12:42:24	No Additional Comment
11.474	AND67	Anode Assessment - 25-50% Wasted	736073.80	1392364.38	22/04/2023	12:49:35	No Additional Comment
11.598	AND68	Anode Assessment - 25-50% Wasted	736041.35	1392484.68	22/04/2023	13:00:39	No Additional Comment
11.722	AND69	Anode Assessment - 25-50% Wasted	736009.75	1392604.15	22/04/2023	13:08:25	No Additional Comment
11.844	AND70	Anode Assessment - 25-50% Wasted	735978.76	1392722.87	22/04/2023	13:15:56	No Additional Comment
12.092	AND71	Anode Assessment - 25-50% Wasted	735916.41	1392962.76	22/04/2023	13:31:37	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

Table of Cathodic Protection – CP Steel

KP	Abbreviation	Description	East	North	Date	Time	Comments
0.008	CP – Steel	Cathodic Protection - CP Steel	738990.42	1381275.57	13/04/2023	12:54:29	PLEM side of flange connection CP(-)969mV
0.009	CP – Steel	Cathodic Protection - CP Steel	738990.96	1381276.74	13/04/2023	12:56:08	Pipeline side of flange connection CP(-)966mV

Table of Field Joints

KP	Abbreviation	Description	East	North	Date	Time	Comments
0.112	FJ-GC	Field Joint - Good Condition	738968.13	1381377.95	13/04/2023	15:00:02	No Additional Comment
0.296	FJ-BM001	Field Joint - Bitumen Missing	738919.10	1381555.12	15/04/2023	13:52:43	No Additional Comment
0.309	FJ-BM002	Field Joint - Bitumen Missing	738916.16	1381567.60	15/04/2023	13:56:17	No Additional Comment
0.321	FJ-BM003	Field Joint - Bitumen Missing	738913.08	1381578.82	15/04/2023	13:57:44	No Additional Comment
0.334	FJ-BM004	Field Joint - Bitumen Missing	738909.59	1381591.36	15/04/2023	13:59:12	No Additional Comment
0.346	FJ-BM005	Field Joint - Bitumen Missing	738906.77	1381603.72	15/04/2023	14:03:11	No Additional Comment
0.422	FJ-BM006	Field Joint - Bitumen Missing	738886.96	1381676.66	15/04/2023	14:15:01	No Additional Comment
0.498	FJ-BM007	Field Joint - Bitumen Missing	738868.32	1381750.32	15/04/2023	15:23:54	No Additional Comment
0.523	FJ-BM008	Field Joint - Bitumen Missing	738861.71	1381774.96	15/04/2023	15:26:52	No Additional Comment
0.536	FJ-BM009	Field Joint - Bitumen Missing	738858.40	1381787.68	15/04/2023	15:28:06	No Additional Comment
0.549	FJ-BM010	Field Joint - Bitumen Missing	738855.56	1381799.66	15/04/2023	15:29:31	No Additional Comment
0.561	FJ-BM011	Field Joint - Bitumen Missing	738852.48	1381811.99	15/04/2023	15:31:35	No Additional Comment
0.574	FJ-BM012	Field Joint - Bitumen Missing	738848.71	1381824.34	15/04/2023	15:33:18	No Additional Comment
0.600	FJ-BM013	Field Joint - Bitumen Missing	738842.86	1381849.37	15/04/2023	15:37:48	No Additional Comment
0.613	FJ-BM014	Field Joint - Bitumen Missing	738839.53	1381861.59	15/04/2023	15:39:06	No Additional Comment
0.618	FJ-BM015	Field Joint - Bitumen Missing	738838.94	1381867.40	15/04/2023	15:41:41	No Additional Comment
0.625	FJ-BM016	Field Joint - Bitumen Missing	738836.75	1381873.99	15/04/2023	15:42:40	No Additional Comment
0.638	FJ-BM017	Field Joint - Bitumen Missing	738833.08	1381886.03	15/04/2023	15:44:08	No Additional Comment
0.652	FJ-BM018	Field Joint - Bitumen Missing	738827.49	1381899.08	17/04/2023	10:17:11	No Additional Comment
0.690	FJ-BM019	Field Joint - Bitumen Missing	738818.26	1381935.50	17/04/2023	10:22:43	No Additional Comment
0.728	FJ-BM020	Field Joint - Bitumen Missing	738808.49	1381972.89	17/04/2023	10:27:40	No Additional Comment
0.766	FJ-BM021	Field Joint - Bitumen Missing	738798.53	1382009.44	17/04/2023	10:30:30	No Additional Comment
0.779	FJ-BM022	Field Joint - Bitumen Missing	738795.63	1382021.79	17/04/2023	10:31:44	No Additional Comment
0.817	FJ-BM023	Field Joint - Bitumen Missing	738785.84	1382058.72	17/04/2023	10:35:05	No Additional Comment
0.830	FJ-BM024	Field Joint - Bitumen Missing	738782.22	1382071.18	17/04/2023	10:36:29	No Additional Comment
0.842	FJ-BM025	Field Joint - Bitumen Missing	738779.00	1382083.26	17/04/2023	10:38:11	No Additional Comment
0.856	FJ-BM026	Field Joint - Bitumen Missing	738776.06	1382096.06	17/04/2023	10:39:42	No Additional Comment
0.869	FJ-BM027	Field Joint - Bitumen Missing	738772.15	1382108.40	17/04/2023	10:58:41	No Additional Comment
0.881	FJ-BM028	Field Joint - Bitumen Missing	738768.15	1382120.40	17/04/2023	11:00:08	No Additional Comment
0.893	FJ-BM029	Field Joint - Bitumen Missing	738766.19	1382132.00	17/04/2023	11:15:10	No Additional Comment
0.906	FJ-BM030	Field Joint - Bitumen Missing	738762.43	1382144.44	17/04/2023	11:16:11	No Additional Comment
0.919	FJ-BM031	Field Joint - Bitumen Missing	738759.25	1382157.26	17/04/2023	11:17:13	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
0.946	FJ-BM032	Field Joint - Bitumen Missing	738752.04	1382182.75	17/04/2023	11:18:54	No Additional Comment
0.958	FJ-BM033	Field Joint - Bitumen Missing	738749.38	1382194.68	17/04/2023	11:19:58	No Additional Comment
0.970	FJ-BM034	Field Joint - Bitumen Missing	738746.19	1382206.29	17/04/2023	11:21:03	No Additional Comment
0.983	FJ-BM035	Field Joint - Bitumen Missing	738742.86	1382219.10	17/04/2023	11:22:01	No Additional Comment
0.995	FJ-BM036	Field Joint - Bitumen Missing	738739.54	1382230.46	17/04/2023	11:23:05	No Additional Comment
1.007	FJ-BM037	Field Joint - Bitumen Missing	738736.76	1382242.61	17/04/2023	11:24:09	No Additional Comment
1.021	FJ-BM038	Field Joint - Bitumen Missing	738732.99	1382255.30	17/04/2023	11:25:14	No Additional Comment
1.033	FJ-BM039	Field Joint - Bitumen Missing	738729.30	1382267.50	17/04/2023	11:26:10	No Additional Comment
1.045	FJ-BM040	Field Joint - Bitumen Missing	738726.71	1382279.03	17/04/2023	11:26:57	No Additional Comment
1.057	FJ-BM041	Field Joint - Bitumen Missing	738723.97	1382290.69	17/04/2023	11:27:51	No Additional Comment
1.070	FJ-BM042	Field Joint - Bitumen Missing	738720.72	1382302.97	17/04/2023	11:28:52	No Additional Comment
1.082	FJ-BM043	Field Joint - Bitumen Missing	738717.19	1382315.01	17/04/2023	11:29:39	No Additional Comment
1.098	FJ-BM044	Field Joint - Bitumen Missing	738712.83	1382329.70	17/04/2023	11:30:41	No Additional Comment
1.108	FJ-BM045	Field Joint - Bitumen Missing	738710.41	1382339.70	17/04/2023	11:31:35	No Additional Comment
1.121	FJ-BM046	Field Joint - Bitumen Missing	738707.15	1382351.91	17/04/2023	11:32:27	No Additional Comment
1.133	FJ-BM047	Field Joint - Bitumen Missing	738703.90	1382364.41	17/04/2023	11:33:41	No Additional Comment
1.146	FJ-BM048	Field Joint - Bitumen Missing	738700.51	1382376.62	17/04/2023	11:34:42	No Additional Comment
1.158	FJ-BM049	Field Joint - Bitumen Missing	738697.13	1382388.41	17/04/2023	11:35:34	No Additional Comment
1.171	FJ-BM050	Field Joint - Bitumen Missing	738694.11	1382400.58	17/04/2023	11:37:05	No Additional Comment
1.184	FJ-BM051	Field Joint - Bitumen Missing	738690.65	1382412.68	17/04/2023	11:37:59	No Additional Comment
1.197	FJ-BM052	Field Joint - Bitumen Missing	738687.43	1382425.40	17/04/2023	11:39:14	No Additional Comment
1.209	FJ-BM053	Field Joint - Bitumen Missing	738683.83	1382437.16	17/04/2023	11:40:07	No Additional Comment
1.222	FJ-BM054	Field Joint - Bitumen Missing	738680.99	1382450.29	17/04/2023	11:41:03	No Additional Comment
1.234	FJ-BM055	Field Joint - Bitumen Missing	738678.04	1382461.98	17/04/2023	11:42:24	No Additional Comment
1.247	FJ-BM056	Field Joint - Bitumen Missing	738674.68	1382473.63	17/04/2023	11:43:27	No Additional Comment
1.272	FJ-BM057	Field Joint - Bitumen Missing	738668.24	1382498.25	17/04/2023	11:45:35	No Additional Comment
1.298	FJ-BM058	Field Joint - Bitumen Missing	738661.53	1382523.18	17/04/2023	11:47:26	No Additional Comment
1.311	FJ-BM059	Field Joint - Bitumen Missing	738658.82	1382535.66	17/04/2023	11:48:51	No Additional Comment
1.323	FJ-BM060	Field Joint - Bitumen Missing	738655.95	1382547.63	17/04/2023	11:49:35	No Additional Comment
1.334	FJ-BM061	Field Joint - Bitumen Missing	738653.09	1382558.21	17/04/2023	11:50:20	No Additional Comment
1.348	FJ-BM062	Field Joint - Bitumen Missing	738649.30	1382571.39	17/04/2023	11:51:15	No Additional Comment
1.360	FJ-BM063	Field Joint - Bitumen Missing	738646.35	1382583.27	17/04/2023	11:52:18	No Additional Comment
1.374	FJ-BM064	Field Joint - Bitumen Missing	738643.47	1382596.77	17/04/2023	11:54:55	No Additional Comment
1.385	FJ-BM065	Field Joint - Bitumen Missing	738640.43	1382608.27	17/04/2023	11:56:23	No Additional Comment
1.399	FJ-BM066	Field Joint - Bitumen Missing	738636.69	1382621.07	17/04/2023	11:57:30	No Additional Comment
1.411	FJ-BM067	Field Joint - Bitumen Missing	738633.34	1382633.31	17/04/2023	11:58:24	No Additional Comment
1.424	FJ-BM068	Field Joint - Bitumen Missing	738630.21	1382645.74	17/04/2023	11:59:15	No Additional Comment
1.438	FJ-BM069	Field Joint - Bitumen Missing	738627.13	1382659.19	17/04/2023	12:00:10	No Additional Comment
1.462	FJ-BM070	Field Joint - Bitumen Missing	738620.97	1382682.76	17/04/2023	12:02:01	No Additional Comment
1.476	FJ-BM071	Field Joint - Bitumen Missing	738617.46	1382695.46	17/04/2023	12:03:07	No Additional Comment
1.488	FJ-BM072	Field Joint - Bitumen Missing	738614.62	1382707.69	17/04/2023	12:03:47	No Additional Comment
1.500	FJ-BM073	Field Joint - Bitumen Missing	738611.40	1382719.28	17/04/2023	12:04:29	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
1.525	FJ-BM074	Field Joint - Bitumen Missing	738603.98	1382743.47	17/04/2023	13:54:27	No Additional Comment
1.538	FJ-BM075	Field Joint - Bitumen Missing	738601.13	1382755.20	17/04/2023	13:55:27	No Additional Comment
1.550	FJ-BM076	Field Joint - Bitumen Missing	738598.01	1382767.26	17/04/2023	13:56:29	No Additional Comment
1.562	FJ-BM077	Field Joint - Bitumen Missing	738595.30	1382779.23	17/04/2023	13:57:34	No Additional Comment
1.601	FJ-BM078	Field Joint - Bitumen Missing	738585.60	1382816.31	17/04/2023	14:15:40	No Additional Comment
1.614	FJ-BM079	Field Joint - Bitumen Missing	738582.37	1382828.90	17/04/2023	14:16:46	No Additional Comment
1.715	FJ-BM080	Field Joint - Bitumen Missing	738555.21	1382926.92	17/04/2023	14:45:45	No Additional Comment
1.754	FJ-BM081	Field Joint - Bitumen Missing	738545.84	1382964.93	17/04/2023	14:48:20	No Additional Comment
1.779	FJ-BM082	Field Joint - Bitumen Missing	738539.31	1382988.25	17/04/2023	14:50:16	No Additional Comment
1.791	FJ-BM083	Field Joint - Bitumen Missing	738536.29	1382999.72	17/04/2023	14:51:26	No Additional Comment
1.817	FJ-BM084	Field Joint - Bitumen Missing	738529.37	1383024.90	17/04/2023	14:53:30	No Additional Comment
1.855	FJ-BM085	Field Joint - Bitumen Missing	738520.21	1383062.41	17/04/2023	14:56:33	No Additional Comment
1.893	FJ-BM086	Field Joint - Bitumen Missing	738511.22	1383098.79	17/04/2023	15:00:55	No Additional Comment
1.918	FJ-BM087	Field Joint - Bitumen Missing	738505.11	1383123.45	17/04/2023	15:19:44	No Additional Comment
1.931	FJ-BM088	Field Joint - Bitumen Missing	738501.70	1383135.69	17/04/2023	15:20:44	No Additional Comment
1.944	FJ-BM089	Field Joint - Bitumen Missing	738498.24	1383148.18	17/04/2023	15:21:56	No Additional Comment
1.957	FJ-BM090	Field Joint - Bitumen Missing	738495.73	1383160.74	17/04/2023	15:23:16	No Additional Comment
1.970	FJ-BM091	Field Joint - Bitumen Missing	738492.59	1383173.29	17/04/2023	15:39:11	No Additional Comment
1.994	FJ-BM092	Field Joint - Bitumen Missing	738485.70	1383197.26	17/04/2023	15:40:56	No Additional Comment
2.008	FJ-BM093	Field Joint - Bitumen Missing	738482.49	1383210.31	17/04/2023	15:42:06	No Additional Comment
2.020	FJ-BM094	Field Joint - Bitumen Missing	738478.95	1383222.10	17/04/2023	15:43:20	No Additional Comment
2.033	FJ-BM095	Field Joint - Bitumen Missing	738475.97	1383234.44	17/04/2023	15:44:28	No Additional Comment
2.045	FJ-BM096	Field Joint - Bitumen Missing	738472.85	1383246.67	17/04/2023	15:45:43	No Additional Comment
2.071	FJ-BM097	Field Joint - Bitumen Missing	738466.31	1383271.44	17/04/2023	15:50:30	No Additional Comment
2.084	FJ-BM098	Field Joint - Bitumen Missing	738462.64	1383284.24	17/04/2023	15:51:29	No Additional Comment
2.097	FJ-BM099	Field Joint - Bitumen Missing	738459.42	1383296.52	17/04/2023	15:52:25	No Additional Comment
2.110	FJ-BM100	Field Joint - Bitumen Missing	738455.79	1383308.75	17/04/2023	15:53:19	No Additional Comment
2.123	FJ-BM101	Field Joint - Bitumen Missing	738452.94	1383321.12	17/04/2023	15:54:47	No Additional Comment
2.135	FJ-BM102	Field Joint - Bitumen Missing	738449.63	1383332.98	17/04/2023	15:55:44	No Additional Comment
2.148	FJ-BM103	Field Joint - Bitumen Missing	738446.48	1383345.29	17/04/2023	15:57:29	No Additional Comment
2.160	FJ-BM104	Field Joint - Bitumen Missing	738443.27	1383357.55	17/04/2023	15:58:22	No Additional Comment
2.186	FJ-BM105	Field Joint - Bitumen Missing	738436.74	1383382.73	17/04/2023	16:02:07	No Additional Comment
2.212	FJ-BM106	Field Joint - Bitumen Missing	738431.05	1383408.03	18/04/2023	08:29:41	No Additional Comment
2.262	FJ-BM107	Field Joint - Bitumen Missing	738417.98	1383456.06	18/04/2023	08:33:41	No Additional Comment
2.326	FJ-BM108	Field Joint - Bitumen Missing	738402.22	1383518.05	18/04/2023	08:38:57	No Additional Comment
2.351	FJ-BM109	Field Joint - Bitumen Missing	738395.65	1383542.50	18/04/2023	08:41:26	No Additional Comment
2.364	FJ-BM110	Field Joint - Bitumen Missing	738392.31	1383554.58	18/04/2023	08:42:40	No Additional Comment
2.376	FJ-BM111	Field Joint - Bitumen Missing	738389.45	1383566.18	18/04/2023	08:44:14	No Additional Comment
2.388	FJ-BM112	Field Joint - Bitumen Missing	738386.45	1383578.50	18/04/2023	08:45:22	No Additional Comment
2.402	FJ-BM113	Field Joint - Bitumen Missing	738382.17	1383591.26	18/04/2023	09:02:45	No Additional Comment
2.414	FJ-BM114	Field Joint - Bitumen Missing	738379.45	1383603.37	18/04/2023	09:03:42	No Additional Comment
2.427	FJ-BM115	Field Joint - Bitumen Missing	738375.91	1383615.42	18/04/2023	09:05:00	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
2.439	FJ-BM116	Field Joint - Bitumen Missing	738373.12	1383627.83	18/04/2023	09:06:03	No Additional Comment
2.452	FJ-BM117	Field Joint - Bitumen Missing	738370.34	1383639.80	18/04/2023	09:07:04	No Additional Comment
2.478	FJ-BM118	Field Joint - Bitumen Missing	738362.81	1383664.49	18/04/2023	09:08:57	No Additional Comment
2.490	FJ-BM119	Field Joint - Bitumen Missing	738359.61	1383676.60	18/04/2023	09:09:49	No Additional Comment
2.502	FJ-BM120	Field Joint - Bitumen Missing	738356.03	1383688.32	18/04/2023	09:10:34	No Additional Comment
2.515	FJ-BM121	Field Joint - Bitumen Missing	738353.14	1383700.89	18/04/2023	09:11:23	No Additional Comment
2.528	FJ-BM122	Field Joint - Bitumen Missing	738349.03	1383713.18	18/04/2023	09:36:25	No Additional Comment
2.553	FJ-BM123	Field Joint - Bitumen Missing	738342.64	1383737.43	18/04/2023	09:38:36	No Additional Comment
2.579	FJ-BM124	Field Joint - Bitumen Missing	738336.44	1383762.61	18/04/2023	09:40:15	No Additional Comment
2.605	FJ-BM125	Field Joint - Bitumen Missing	738329.48	1383787.24	18/04/2023	09:41:51	No Additional Comment
2.618	FJ-BM126	Field Joint - Bitumen Missing	738326.64	1383799.99	18/04/2023	09:42:50	No Additional Comment
2.643	FJ-BM127	Field Joint - Bitumen Missing	738320.19	1383823.98	18/04/2023	09:44:21	No Additional Comment
2.655	FJ-BM128	Field Joint - Bitumen Missing	738317.39	1383835.54	18/04/2023	09:46:17	No Additional Comment
2.668	FJ-BM129	Field Joint - Bitumen Missing	738313.77	1383848.43	18/04/2023	09:47:00	No Additional Comment
2.682	FJ-BM130	Field Joint - Bitumen Missing	738310.20	1383861.72	18/04/2023	09:47:50	No Additional Comment
2.694	FJ-BM131	Field Joint - Bitumen Missing	738307.32	1383873.39	18/04/2023	09:48:48	No Additional Comment
2.707	FJ-BM132	Field Joint - Bitumen Missing	738304.33	1383885.91	18/04/2023	09:49:39	No Additional Comment
2.719	FJ-BM133	Field Joint - Bitumen Missing	738300.95	1383897.93	18/04/2023	09:50:16	No Additional Comment
2.733	FJ-BM134	Field Joint - Bitumen Missing	738297.78	1383911.04	18/04/2023	09:51:05	No Additional Comment
2.745	FJ-BM135	Field Joint - Bitumen Missing	738294.29	1383922.87	18/04/2023	09:51:59	No Additional Comment
2.768	FJ-BM136	Field Joint - Bitumen Missing	738288.00	1383945.17	18/04/2023	10:33:58	No Additional Comment
2.794	FJ-BM137	Field Joint - Bitumen Missing	738281.69	1383970.84	18/04/2023	10:36:34	No Additional Comment
2.821	FJ-BM138	Field Joint - Bitumen Missing	738275.29	1383996.17	18/04/2023	10:38:04	No Additional Comment
2.833	FJ-BM139	Field Joint - Bitumen Missing	738272.01	1384007.84	18/04/2023	10:38:53	No Additional Comment
2.846	FJ-BM140	Field Joint - Bitumen Missing	738269.49	1384020.46	18/04/2023	10:39:45	No Additional Comment
2.858	FJ-BM141	Field Joint - Bitumen Missing	738265.86	1384032.53	18/04/2023	10:41:17	No Additional Comment
2.908	FJ-BM142	Field Joint - Bitumen Missing	738253.83	1384081.26	18/04/2023	10:44:43	No Additional Comment
2.921	FJ-BM143	Field Joint - Bitumen Missing	738250.36	1384093.20	18/04/2023	10:45:39	No Additional Comment
2.934	FJ-BM144	Field Joint - Bitumen Missing	738247.07	1384106.22	18/04/2023	10:46:25	No Additional Comment
2.947	FJ-BM145	Field Joint - Bitumen Missing	738244.09	1384118.38	18/04/2023	10:47:14	No Additional Comment
2.959	FJ-BM146	Field Joint - Bitumen Missing	738240.82	1384130.48	18/04/2023	10:48:04	No Additional Comment
2.971	FJ-BM147	Field Joint - Bitumen Missing	738237.64	1384142.29	18/04/2023	10:48:49	No Additional Comment
2.997	FJ-BM148	Field Joint - Bitumen Missing	738230.64	1384166.55	18/04/2023	10:50:19	No Additional Comment
3.010	FJ-BM149	Field Joint - Bitumen Missing	738227.46	1384179.65	18/04/2023	10:51:06	No Additional Comment
3.023	FJ-BM150	Field Joint - Bitumen Missing	738224.21	1384191.52	18/04/2023	10:51:54	No Additional Comment
3.035	FJ-BM151	Field Joint - Bitumen Missing	738220.81	1384203.71	18/04/2023	10:57:41	No Additional Comment
3.047	FJ-BM152	Field Joint - Bitumen Missing	738217.44	1384215.28	18/04/2023	10:58:31	No Additional Comment
3.060	FJ-BM153	Field Joint - Bitumen Missing	738213.92	1384228.09	18/04/2023	10:59:16	No Additional Comment
3.100	FJ-BM154	Field Joint - Bitumen Missing	738204.29	1384265.93	18/04/2023	11:01:37	No Additional Comment
3.112	FJ-BM155	Field Joint - Bitumen Missing	738200.96	1384277.85	18/04/2023	11:02:25	No Additional Comment
3.138	FJ-BM156	Field Joint - Bitumen Missing	738193.94	1384303.05	18/04/2023	11:04:32	No Additional Comment
3.150	FJ-BM157	Field Joint - Bitumen Missing	738191.26	1384314.37	18/04/2023	11:05:29	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
3.163	FJ-BM158	Field Joint - Bitumen Missing	738187.42	1384326.91	18/04/2023	11:06:43	No Additional Comment
3.176	FJ-BM159	Field Joint - Bitumen Missing	738184.41	1384339.27	18/04/2023	11:07:42	No Additional Comment
3.188	FJ-BM160	Field Joint - Bitumen Missing	738181.12	1384351.41	18/04/2023	11:08:26	No Additional Comment
3.200	FJ-BM161	Field Joint - Bitumen Missing	738177.45	1384362.99	18/04/2023	11:09:29	No Additional Comment
3.212	FJ-BM162	Field Joint - Bitumen Missing	738174.36	1384374.74	18/04/2023	11:10:22	No Additional Comment
3.239	FJ-BM163	Field Joint - Bitumen Missing	738167.54	1384400.50	18/04/2023	11:11:57	No Additional Comment
3.252	FJ-BM164	Field Joint - Bitumen Missing	738164.61	1384412.85	18/04/2023	11:12:48	No Additional Comment
3.264	FJ-BM165	Field Joint - Bitumen Missing	738161.34	1384424.41	18/04/2023	11:13:45	No Additional Comment
3.276	FJ-BM166	Field Joint - Bitumen Missing	738158.40	1384436.55	18/04/2023	11:14:35	No Additional Comment
3.288	FJ-BM167	Field Joint - Bitumen Missing	738155.36	1384447.95	18/04/2023	11:30:25	No Additional Comment
3.312	FJ-BM168	Field Joint - Bitumen Missing	738149.30	1384471.14	18/04/2023	11:31:41	No Additional Comment
3.325	FJ-BM169	Field Joint - Bitumen Missing	738145.68	1384483.12	18/04/2023	11:32:36	No Additional Comment
3.337	FJ-BM170	Field Joint - Bitumen Missing	738142.71	1384495.60	18/04/2023	11:33:28	No Additional Comment
3.350	FJ-BM171	Field Joint - Bitumen Missing	738139.09	1384507.47	18/04/2023	11:34:22	No Additional Comment
3.363	FJ-BM172	Field Joint - Bitumen Missing	738135.88	1384519.98	18/04/2023	11:35:01	No Additional Comment
3.376	FJ-BM173	Field Joint - Bitumen Missing	738132.61	1384532.52	18/04/2023	11:35:46	No Additional Comment
3.401	FJ-BM174	Field Joint - Bitumen Missing	738126.49	1384557.22	18/04/2023	11:37:36	No Additional Comment
3.414	FJ-BM175	Field Joint - Bitumen Missing	738122.86	1384569.95	18/04/2023	11:40:05	No Additional Comment
3.426	FJ-BM176	Field Joint - Bitumen Missing	738119.67	1384581.13	18/04/2023	11:40:46	No Additional Comment
3.452	FJ-BM177	Field Joint - Bitumen Missing	738114.12	1384606.31	18/04/2023	11:42:37	No Additional Comment
3.502	FJ-BM178	Field Joint - Bitumen Missing	738100.80	1384655.14	18/04/2023	11:45:27	No Additional Comment
3.516	FJ-BM179	Field Joint - Bitumen Missing	738097.33	1384668.53	18/04/2023	11:46:13	No Additional Comment
3.527	FJ-BM180	Field Joint - Bitumen Missing	738094.74	1384679.10	18/04/2023	11:46:55	No Additional Comment
3.541	FJ-BM181	Field Joint - Bitumen Missing	738091.06	1384692.95	18/04/2023	11:50:54	No Additional Comment
3.566	FJ-BM182	Field Joint - Bitumen Missing	738085.95	1384716.61	18/04/2023	11:52:26	No Additional Comment
3.578	FJ-BM183	Field Joint - Bitumen Missing	738082.55	1384728.67	18/04/2023	11:53:13	No Additional Comment
3.591	FJ-BM184	Field Joint - Bitumen Missing	738079.29	1384741.72	18/04/2023	11:54:05	No Additional Comment
3.604	FJ-BM185	Field Joint - Bitumen Missing	738076.00	1384753.81	18/04/2023	11:55:04	No Additional Comment
3.617	FJ-BM186	Field Joint - Bitumen Missing	738073.10	1384766.49	18/04/2023	11:55:52	No Additional Comment
3.630	FJ-BM187	Field Joint - Bitumen Missing	738069.64	1384778.81	18/04/2023	11:56:36	No Additional Comment
3.655	FJ-BM188	Field Joint - Bitumen Missing	738063.33	1384802.79	18/04/2023	11:57:14	No Additional Comment
3.655	FJ-BM189	Field Joint - Bitumen Missing	738063.78	1384802.94	18/04/2023	11:57:55	No Additional Comment
3.667	FJ-BM190	Field Joint - Bitumen Missing	738059.98	1384814.82	18/04/2023	11:59:12	No Additional Comment
3.680	FJ-BM191	Field Joint - Bitumen Missing	738057.47	1384827.38	18/04/2023	12:00:05	No Additional Comment
3.690	FJ-BM192	Field Joint - Bitumen Missing	738055.10	1384837.66	18/04/2023	13:27:05	No Additional Comment
3.703	FJ-BM193	Field Joint - Bitumen Missing	738051.75	1384850.27	18/04/2023	13:28:06	No Additional Comment
3.716	FJ-BM194	Field Joint - Bitumen Missing	738048.44	1384862.01	18/04/2023	13:29:05	No Additional Comment
3.729	FJ-BM195	Field Joint - Bitumen Missing	738044.69	1384874.92	18/04/2023	13:30:00	No Additional Comment
3.742	FJ-BM196	Field Joint - Bitumen Missing	738042.09	1384887.36	18/04/2023	13:30:52	No Additional Comment
3.754	FJ-BM197	Field Joint - Bitumen Missing	738038.73	1384899.42	18/04/2023	13:31:48	No Additional Comment
3.766	FJ-BM198	Field Joint - Bitumen Missing	738036.01	1384911.15	18/04/2023	13:32:41	No Additional Comment
3.805	FJ-BM199	Field Joint - Bitumen Missing	738025.67	1384948.77	18/04/2023	13:35:45	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
3.831	FJ-BM200	Field Joint - Bitumen Missing	738019.61	1384974.01	18/04/2023	13:37:41	No Additional Comment
3.869	FJ-BM201	Field Joint - Bitumen Missing	738009.54	1385010.67	18/04/2023	13:39:32	No Additional Comment
3.882	FJ-BM202	Field Joint - Bitumen Missing	738006.68	1385022.64	18/04/2023	13:40:21	No Additional Comment
3.907	FJ-BM203	Field Joint - Bitumen Missing	738000.08	1385047.64	18/04/2023	13:41:59	No Additional Comment
3.920	FJ-BM204	Field Joint - Bitumen Missing	737996.82	1385059.49	18/04/2023	13:43:39	No Additional Comment
3.945	FJ-BM205	Field Joint - Bitumen Missing	737990.72	1385084.34	18/04/2023	13:45:11	No Additional Comment
3.971	FJ-BM206	Field Joint - Bitumen Missing	737983.72	1385108.63	18/04/2023	13:46:51	No Additional Comment
3.983	FJ-BM207	Field Joint - Bitumen Missing	737980.46	1385120.90	18/04/2023	13:47:41	No Additional Comment
3.996	FJ-BM208	Field Joint - Bitumen Missing	737976.97	1385133.49	18/04/2023	13:48:36	No Additional Comment
4.008	FJ-BM209	Field Joint - Bitumen Missing	737974.16	1385144.61	18/04/2023	13:49:36	No Additional Comment
4.020	FJ-BM210	Field Joint - Bitumen Missing	737971.23	1385156.35	18/04/2023	13:50:39	No Additional Comment
4.045	FJ-BM211	Field Joint - Bitumen Missing	737965.27	1385180.78	18/04/2023	13:53:56	No Additional Comment
4.058	FJ-BM212	Field Joint - Bitumen Missing	737961.84	1385193.59	18/04/2023	13:54:45	No Additional Comment
4.071	FJ-BM213	Field Joint - Bitumen Missing	737958.36	1385205.84	18/04/2023	13:55:29	No Additional Comment
4.085	FJ-BM214	Field Joint - Bitumen Missing	737954.66	1385219.50	18/04/2023	13:56:14	No Additional Comment
4.097	FJ-BM215	Field Joint - Bitumen Missing	737951.98	1385230.96	18/04/2023	13:57:04	No Additional Comment
4.123	FJ-BM216	Field Joint - Bitumen Missing	737945.43	1385255.84	18/04/2023	13:58:38	No Additional Comment
4.135	FJ-BM217	Field Joint - Bitumen Missing	737942.30	1385267.80	18/04/2023	13:59:26	No Additional Comment
4.148	FJ-BM218	Field Joint - Bitumen Missing	737939.17	1385280.49	18/04/2023	14:00:17	No Additional Comment
4.161	FJ-BM219	Field Joint - Bitumen Missing	737936.36	1385292.50	18/04/2023	14:01:06	No Additional Comment
4.173	FJ-BM220	Field Joint - Bitumen Missing	737932.77	1385304.29	18/04/2023	14:04:21	No Additional Comment
4.198	FJ-BM221	Field Joint - Bitumen Missing	737926.70	1385329.20	18/04/2023	14:06:13	No Additional Comment
4.211	FJ-BM222	Field Joint - Bitumen Missing	737923.50	1385341.40	18/04/2023	14:07:02	No Additional Comment
4.235	FJ-BM223	Field Joint - Bitumen Missing	737917.28	1385364.73	18/04/2023	14:08:23	No Additional Comment
4.248	FJ-BM224	Field Joint - Bitumen Missing	737914.11	1385376.67	18/04/2023	14:09:25	No Additional Comment
4.261	FJ-BM225	Field Joint - Bitumen Missing	737910.63	1385389.91	18/04/2023	14:10:12	No Additional Comment
4.287	FJ-BM226	Field Joint - Bitumen Missing	737904.18	1385414.71	18/04/2023	14:11:39	No Additional Comment
4.299	FJ-BM227	Field Joint - Bitumen Missing	737901.16	1385426.86	18/04/2023	14:20:12	No Additional Comment
4.314	FJ-BM228	Field Joint - Bitumen Missing	737897.05	1385440.38	18/04/2023	14:21:00	No Additional Comment
4.328	FJ-BM229	Field Joint - Bitumen Missing	737893.44	1385454.06	18/04/2023	14:21:53	No Additional Comment
4.337	FJ-BM230	Field Joint - Bitumen Missing	737890.87	1385463.54	18/04/2023	14:22:44	No Additional Comment
4.350	FJ-BM231	Field Joint - Bitumen Missing	737887.84	1385476.02	18/04/2023	14:23:32	No Additional Comment
4.363	FJ-BM232	Field Joint - Bitumen Missing	737884.91	1385488.43	18/04/2023	14:24:26	No Additional Comment
4.389	FJ-BM233	Field Joint - Bitumen Missing	737878.52	1385513.52	18/04/2023	14:25:49	No Additional Comment
4.401	FJ-BM234	Field Joint - Bitumen Missing	737875.17	1385525.53	18/04/2023	14:26:40	No Additional Comment
4.414	FJ-BM235	Field Joint - Bitumen Missing	737872.19	1385537.33	18/04/2023	14:27:29	No Additional Comment
4.439	FJ-BM236	Field Joint - Bitumen Missing	737865.63	1385561.56	18/04/2023	14:30:01	No Additional Comment
4.451	FJ-BM237	Field Joint - Bitumen Missing	737862.40	1385573.20	18/04/2023	14:31:56	No Additional Comment
4.489	FJ-BM238	Field Joint - Bitumen Missing	737852.94	1385609.92	18/04/2023	14:34:33	No Additional Comment
4.501	FJ-BM239	Field Joint - Bitumen Missing	737848.43	1385621.85	18/04/2023	14:35:22	No Additional Comment
4.514	FJ-BM240	Field Joint - Bitumen Missing	737845.18	1385633.98	18/04/2023	14:36:09	No Additional Comment
4.527	FJ-BM241	Field Joint - Bitumen Missing	737841.99	1385646.16	18/04/2023	14:36:57	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
4.538	FJ-BM242	Field Joint - Bitumen Missing	737839.15	1385657.49	18/04/2023	14:38:03	No Additional Comment
4.538	FJ-BM243	Field Joint - Bitumen Missing	737839.06	1385657.76	18/04/2023	14:38:05	net
4.551	FJ-BM244	Field Joint - Bitumen Missing	737835.52	1385669.84	18/04/2023	14:57:38	No Additional Comment
4.564	FJ-BM245	Field Joint - Bitumen Missing	737831.80	1385682.25	18/04/2023	14:58:52	No Additional Comment
4.576	FJ-BM246	Field Joint - Bitumen Missing	737829.14	1385693.81	18/04/2023	14:59:38	No Additional Comment
4.588	FJ-BM247	Field Joint - Bitumen Missing	737826.01	1385705.25	18/04/2023	15:00:20	No Additional Comment
4.600	FJ-BM248	Field Joint - Bitumen Missing	737823.20	1385717.15	18/04/2023	15:01:01	No Additional Comment
4.612	FJ-BM249	Field Joint - Bitumen Missing	737819.83	1385728.37	18/04/2023	15:01:54	No Additional Comment
4.624	FJ-BM250	Field Joint - Bitumen Missing	737817.33	1385740.56	18/04/2023	15:02:54	No Additional Comment
4.637	FJ-BM251	Field Joint - Bitumen Missing	737814.01	1385752.54	18/04/2023	15:03:39	No Additional Comment
4.649	FJ-BM252	Field Joint - Bitumen Missing	737810.73	1385764.65	18/04/2023	15:04:26	No Additional Comment
4.662	FJ-BM253	Field Joint - Bitumen Missing	737807.43	1385777.22	18/04/2023	15:05:28	No Additional Comment
4.674	FJ-BM254	Field Joint - Bitumen Missing	737804.68	1385788.47	18/04/2023	15:07:00	No Additional Comment
4.686	FJ-BM255	Field Joint - Bitumen Missing	737801.47	1385800.14	18/04/2023	15:07:51	No Additional Comment
4.697	FJ-BM256	Field Joint - Bitumen Missing	737798.65	1385811.53	18/04/2023	15:08:38	No Additional Comment
4.710	FJ-BM257	Field Joint - Bitumen Missing	737794.90	1385823.85	18/04/2023	15:09:26	No Additional Comment
4.722	FJ-BM258	Field Joint - Bitumen Missing	737791.78	1385835.23	18/04/2023	15:10:44	No Additional Comment
4.735	FJ-BM259	Field Joint - Bitumen Missing	737788.88	1385848.11	18/04/2023	15:11:59	No Additional Comment
4.748	FJ-BM260	Field Joint - Bitumen Missing	737785.70	1385860.49	18/04/2023	15:12:45	No Additional Comment
4.760	FJ-BM261	Field Joint - Bitumen Missing	737782.52	1385872.34	18/04/2023	15:13:31	No Additional Comment
4.773	FJ-BM262	Field Joint - Bitumen Missing	737779.78	1385884.59	18/04/2023	15:14:24	No Additional Comment
4.785	FJ-BM263	Field Joint - Bitumen Missing	737775.93	1385896.08	18/04/2023	15:15:11	No Additional Comment
4.797	FJ-BM264	Field Joint - Bitumen Missing	737772.97	1385907.99	18/04/2023	15:16:50	No Additional Comment
4.810	FJ-BM265	Field Joint - Bitumen Missing	737770.08	1385920.06	18/04/2023	15:17:43	No Additional Comment
4.822	FJ-BM266	Field Joint - Bitumen Missing	737766.84	1385931.77	18/04/2023	15:18:49	No Additional Comment
4.835	FJ-BM267	Field Joint - Bitumen Missing	737763.58	1385944.40	18/04/2023	15:19:40	No Additional Comment
4.848	FJ-BM268	Field Joint - Bitumen Missing	737760.50	1385956.71	18/04/2023	15:20:33	No Additional Comment
4.860	FJ-BM269	Field Joint - Bitumen Missing	737757.34	1385968.80	18/04/2023	15:21:25	No Additional Comment
4.873	FJ-BM270	Field Joint - Bitumen Missing	737754.25	1385981.37	18/04/2023	15:22:22	No Additional Comment
4.885	FJ-BM271	Field Joint - Bitumen Missing	737750.94	1385992.75	18/04/2023	15:23:06	No Additional Comment
4.897	FJ-BM272	Field Joint - Bitumen Missing	737748.22	1386004.30	18/04/2023	15:23:50	No Additional Comment
4.909	FJ-BM273	Field Joint - Bitumen Missing	737745.00	1386016.34	18/04/2023	15:24:35	No Additional Comment
4.935	FJ-BM274	Field Joint - Bitumen Missing	737738.73	1386040.98	18/04/2023	15:28:39	No Additional Comment
4.949	FJ-BM275	Field Joint - Bitumen Missing	737734.70	1386055.05	18/04/2023	15:29:25	No Additional Comment
4.959	FJ-BM276	Field Joint - Bitumen Missing	737732.45	1386064.61	18/04/2023	15:30:18	No Additional Comment
4.971	FJ-BM277	Field Joint - Bitumen Missing	737729.65	1386076.15	18/04/2023	15:31:03	No Additional Comment
4.997	FJ-BM278	Field Joint - Bitumen Missing	737722.71	1386100.93	18/04/2023	15:32:35	No Additional Comment
5.020	FJ-BM279	Field Joint - Bitumen Missing	737716.78	1386123.99	18/04/2023	15:34:30	No Additional Comment
5.032	FJ-BM280	Field Joint - Bitumen Missing	737713.79	1386135.40	18/04/2023	15:35:31	No Additional Comment
5.045	FJ-BM281	Field Joint - Bitumen Missing	737710.29	1386147.68	18/04/2023	15:36:28	No Additional Comment
5.057	FJ-BM282	Field Joint - Bitumen Missing	737707.21	1386159.57	18/04/2023	15:37:20	No Additional Comment
5.119	FJ-BM283	Field Joint - Bitumen Missing	737691.69	1386219.65	18/04/2023	15:41:24	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
5.169	FJ-BM284	Field Joint - Bitumen Missing	737679.09	1386267.71	18/04/2023	15:44:46	No Additional Comment
5.181	FJ-BM285	Field Joint - Bitumen Missing	737675.89	1386279.35	18/04/2023	15:45:33	No Additional Comment
5.206	FJ-BM286	Field Joint - Bitumen Missing	737669.46	1386303.53	19/04/2023	08:09:38	No Additional Comment
5.243	FJ-BM287	Field Joint - Bitumen Missing	737660.63	1386339.58	19/04/2023	08:11:57	No Additional Comment
5.255	FJ-BM288	Field Joint - Bitumen Missing	737657.38	1386351.02	19/04/2023	08:12:38	No Additional Comment
5.268	FJ-BM289	Field Joint - Bitumen Missing	737654.06	1386363.18	19/04/2023	08:13:23	No Additional Comment
5.280	FJ-BM290	Field Joint - Bitumen Missing	737650.81	1386375.05	19/04/2023	08:14:13	No Additional Comment
5.292	FJ-BM291	Field Joint - Bitumen Missing	737647.92	1386386.97	19/04/2023	08:15:25	No Additional Comment
5.305	FJ-BM292	Field Joint - Bitumen Missing	737644.65	1386398.79	19/04/2023	08:16:39	No Additional Comment
5.330	FJ-BM293	Field Joint - Bitumen Missing	737638.41	1386423.12	19/04/2023	08:18:25	No Additional Comment
5.344	FJ-BM294	Field Joint - Bitumen Missing	737634.83	1386436.58	19/04/2023	08:19:26	No Additional Comment
5.380	FJ-BM295	Field Joint - Bitumen Missing	737623.69	1386471.31	19/04/2023	08:22:36	No Additional Comment
5.380	FJ-BM296	Field Joint - Bitumen Missing	737625.68	1386472.16	19/04/2023	08:23:33	No Additional Comment
5.392	FJ-BM297	Field Joint - Bitumen Missing	737622.77	1386483.87	19/04/2023	08:29:26	No Additional Comment
5.405	FJ-BM298	Field Joint - Bitumen Missing	737619.24	1386496.23	19/04/2023	08:40:09	No Additional Comment
5.417	FJ-BM299	Field Joint - Bitumen Missing	737616.17	1386507.53	19/04/2023	08:46:15	No Additional Comment
5.430	FJ-BM300	Field Joint - Bitumen Missing	737612.65	1386519.71	19/04/2023	08:46:49	No Additional Comment
5.442	FJ-BM301	Field Joint - Bitumen Missing	737609.38	1386531.52	19/04/2023	08:47:28	No Additional Comment
5.466	FJ-BM302	Field Joint - Bitumen Missing	737603.47	1386555.34	19/04/2023	08:48:43	No Additional Comment
5.480	FJ-BM303	Field Joint - Bitumen Missing	737599.68	1386568.02	19/04/2023	08:50:22	No Additional Comment
5.491	FJ-BM304	Field Joint - Bitumen Missing	737597.23	1386579.00	19/04/2023	08:51:13	No Additional Comment
5.503	FJ-BM305	Field Joint - Bitumen Missing	737594.20	1386591.10	19/04/2023	08:52:06	No Additional Comment
5.516	FJ-BM306	Field Joint - Bitumen Missing	737591.11	1386603.16	19/04/2023	08:52:48	No Additional Comment
5.552	FJ-BM307	Field Joint - Bitumen Missing	737580.28	1386638.13	19/04/2023	08:56:19	No Additional Comment
5.565	FJ-BM308	Field Joint - Bitumen Missing	737577.93	1386650.29	19/04/2023	08:57:50	No Additional Comment
5.578	FJ-BM309	Field Joint - Bitumen Missing	737574.61	1386662.56	19/04/2023	08:58:42	No Additional Comment
5.589	FJ-BM310	Field Joint - Bitumen Missing	737571.73	1386674.14	19/04/2023	08:59:24	No Additional Comment
5.603	FJ-BM311	Field Joint - Bitumen Missing	737568.22	1386686.85	19/04/2023	09:00:02	No Additional Comment
5.615	FJ-BM312	Field Joint - Bitumen Missing	737565.30	1386698.58	19/04/2023	09:00:36	No Additional Comment
5.627	FJ-BM313	Field Joint - Bitumen Missing	737561.98	1386710.68	19/04/2023	09:01:11	No Additional Comment
5.639	FJ-BM314	Field Joint - Bitumen Missing	737558.61	1386722.40	19/04/2023	09:01:50	No Additional Comment
5.652	FJ-BM315	Field Joint - Bitumen Missing	737555.69	1386734.62	19/04/2023	09:02:28	No Additional Comment
5.664	FJ-BM316	Field Joint - Bitumen Missing	737552.96	1386745.87	19/04/2023	09:14:19	No Additional Comment
5.677	FJ-BM317	Field Joint - Bitumen Missing	737549.63	1386758.67	19/04/2023	09:15:08	No Additional Comment
5.689	FJ-BM318	Field Joint - Bitumen Missing	737546.15	1386770.72	19/04/2023	09:15:50	No Additional Comment
5.702	FJ-BM319	Field Joint - Bitumen Missing	737542.92	1386782.60	19/04/2023	09:16:29	No Additional Comment
5.714	FJ-BM320	Field Joint - Bitumen Missing	737539.92	1386794.66	19/04/2023	09:17:06	No Additional Comment
5.726	FJ-BM321	Field Joint - Bitumen Missing	737537.52	1386806.74	19/04/2023	09:17:42	No Additional Comment
5.738	FJ-BM322	Field Joint - Bitumen Missing	737534.00	1386817.79	19/04/2023	09:18:20	No Additional Comment
5.750	FJ-BM323	Field Joint - Bitumen Missing	737531.41	1386829.60	19/04/2023	09:19:44	No Additional Comment
5.762	FJ-BM324	Field Joint - Bitumen Missing	737528.35	1386841.16	19/04/2023	09:20:25	No Additional Comment
5.775	FJ-BM325	Field Joint - Bitumen Missing	737525.03	1386853.46	19/04/2023	09:21:02	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
5.786	FJ-BM326	Field Joint - Bitumen Missing	737522.07	1386864.69	19/04/2023	09:22:30	No Additional Comment
5.799	FJ-BM327	Field Joint - Bitumen Missing	737518.64	1386877.22	19/04/2023	09:23:03	No Additional Comment
5.811	FJ-BM328	Field Joint - Bitumen Missing	737515.75	1386888.64	19/04/2023	09:23:37	No Additional Comment
5.823	FJ-BM329	Field Joint - Bitumen Missing	737512.26	1386900.01	19/04/2023	09:24:12	No Additional Comment
5.848	FJ-BM330	Field Joint - Bitumen Missing	737506.32	1386924.32	19/04/2023	09:25:49	No Additional Comment
5.873	FJ-BM331	Field Joint - Bitumen Missing	737499.80	1386948.35	19/04/2023	09:27:05	No Additional Comment
5.884	FJ-BM332	Field Joint - Bitumen Missing	737496.37	1386959.37	19/04/2023	09:27:42	No Additional Comment
5.910	FJ-BM333	Field Joint - Bitumen Missing	737490.53	1386984.13	19/04/2023	09:28:57	No Additional Comment
5.946	FJ-BM334	Field Joint - Bitumen Missing	737480.62	1387019.09	19/04/2023	09:30:20	No Additional Comment
5.958	FJ-BM335	Field Joint - Bitumen Missing	737478.43	1387031.20	19/04/2023	09:31:01	No Additional Comment
5.974	FJ-BM336	Field Joint - Bitumen Missing	737474.26	1387045.70	19/04/2023	09:31:39	No Additional Comment
5.983	FJ-BM337	Field Joint - Bitumen Missing	737471.83	1387055.21	19/04/2023	09:32:15	No Additional Comment
5.996	FJ-BM338	Field Joint - Bitumen Missing	737468.66	1387067.43	19/04/2023	09:32:46	No Additional Comment
6.009	FJ-BM339	Field Joint - Bitumen Missing	737465.07	1387079.77	19/04/2023	09:33:40	No Additional Comment
6.021	FJ-BM340	Field Joint - Bitumen Missing	737462.40	1387092.06	19/04/2023	09:34:25	No Additional Comment
6.059	FJ-BM341	Field Joint - Bitumen Missing	737452.13	1387127.92	19/04/2023	09:35:59	No Additional Comment
6.058	FJ-BM342	Field Joint - Bitumen Missing	737453.28	1387127.60	19/04/2023	09:36:31	No Additional Comment
6.071	FJ-BM343	Field Joint - Bitumen Missing	737450.12	1387139.59	19/04/2023	09:37:56	No Additional Comment
6.083	FJ-BM344	Field Joint - Bitumen Missing	737446.80	1387152.02	19/04/2023	09:38:39	No Additional Comment
6.097	FJ-BM345	Field Joint - Bitumen Missing	737443.58	1387165.17	19/04/2023	09:39:22	No Additional Comment
6.121	FJ-BM346	Field Joint - Bitumen Missing	737437.37	1387188.22	19/04/2023	09:40:54	No Additional Comment
6.133	FJ-BM347	Field Joint - Bitumen Missing	737433.81	1387200.40	19/04/2023	09:41:32	No Additional Comment
6.145	FJ-BM348	Field Joint - Bitumen Missing	737430.92	1387211.81	19/04/2023	09:42:08	No Additional Comment
6.157	FJ-BM349	Field Joint - Bitumen Missing	737428.13	1387223.58	19/04/2023	09:45:17	No Additional Comment
6.170	FJ-BM350	Field Joint - Bitumen Missing	737425.67	1387236.29	19/04/2023	09:46:01	No Additional Comment
6.183	FJ-BM351	Field Joint - Bitumen Missing	737421.35	1387248.09	19/04/2023	09:46:43	No Additional Comment
6.194	FJ-BM352	Field Joint - Bitumen Missing	737418.54	1387258.96	19/04/2023	09:47:20	No Additional Comment
6.207	FJ-BM353	Field Joint - Bitumen Missing	737414.54	1387270.92	19/04/2023	09:48:04	No Additional Comment
6.219	FJ-BM354	Field Joint - Bitumen Missing	737412.25	1387283.47	19/04/2023	09:48:51	No Additional Comment
6.231	FJ-BM355	Field Joint - Bitumen Missing	737408.83	1387294.76	19/04/2023	09:50:31	No Additional Comment
6.244	FJ-BM356	Field Joint - Bitumen Missing	737405.60	1387307.78	19/04/2023	09:51:14	No Additional Comment
6.256	FJ-BM357	Field Joint - Bitumen Missing	737402.45	1387319.08	19/04/2023	09:51:50	No Additional Comment
6.269	FJ-BM358	Field Joint - Bitumen Missing	737399.23	1387331.52	19/04/2023	09:52:28	No Additional Comment
6.282	FJ-BM359	Field Joint - Bitumen Missing	737396.12	1387343.61	19/04/2023	09:53:53	No Additional Comment
6.294	FJ-BM360	Field Joint - Bitumen Missing	737392.68	1387355.38	19/04/2023	09:54:33	No Additional Comment
6.306	FJ-BM361	Field Joint - Bitumen Missing	737389.58	1387367.24	19/04/2023	09:55:17	No Additional Comment
6.319	FJ-BM362	Field Joint - Bitumen Missing	737386.49	1387379.53	19/04/2023	09:55:57	No Additional Comment
6.331	FJ-BM363	Field Joint - Bitumen Missing	737383.69	1387391.73	19/04/2023	09:56:39	No Additional Comment
6.344	FJ-BM364	Field Joint - Bitumen Missing	737379.99	1387404.07	19/04/2023	09:57:18	No Additional Comment
6.356	FJ-BM365	Field Joint - Bitumen Missing	737376.67	1387415.93	19/04/2023	09:57:56	No Additional Comment
6.369	FJ-BM366	Field Joint - Bitumen Missing	737373.64	1387427.82	19/04/2023	09:58:31	No Additional Comment
6.405	FJ-BM367	Field Joint - Bitumen Missing	737364.26	1387463.04	19/04/2023	10:01:19	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
6.418	FJ-BM368	Field Joint - Bitumen Missing	737361.25	1387475.38	19/04/2023	10:01:55	No Additional Comment
6.442	FJ-BM369	Field Joint - Bitumen Missing	737354.85	1387498.98	19/04/2023	10:02:59	No Additional Comment
6.455	FJ-BM370	Field Joint - Bitumen Missing	737352.03	1387511.32	19/04/2023	10:03:36	No Additional Comment
6.467	FJ-BM371	Field Joint - Bitumen Missing	737348.45	1387523.05	19/04/2023	10:04:07	No Additional Comment
6.492	FJ-BM372	Field Joint - Bitumen Missing	737342.01	1387547.25	19/04/2023	10:05:14	No Additional Comment
6.526	FJ-BM373	Field Joint - Bitumen Missing	737294.53	1387569.19	19/04/2023	10:07:09	No Additional Comment
6.554	FJ-BM374	Field Joint - Bitumen Missing	737326.69	1387606.90	19/04/2023	10:09:42	No Additional Comment
6.568	FJ-BM375	Field Joint - Bitumen Missing	737322.40	1387620.03	19/04/2023	10:10:17	No Additional Comment
6.578	FJ-BM376	Field Joint - Bitumen Missing	737321.23	1387630.33	19/04/2023	10:26:09	No Additional Comment
6.590	FJ-BM377	Field Joint - Bitumen Missing	737317.91	1387641.84	19/04/2023	10:26:48	No Additional Comment
6.602	FJ-BM378	Field Joint - Bitumen Missing	737315.10	1387653.80	19/04/2023	10:27:24	No Additional Comment
6.614	FJ-BM379	Field Joint - Bitumen Missing	737311.95	1387664.80	19/04/2023	10:28:01	No Additional Comment
6.626	FJ-BM380	Field Joint - Bitumen Missing	737308.75	1387676.87	19/04/2023	10:28:40	No Additional Comment
6.639	FJ-BM381	Field Joint - Bitumen Missing	737305.11	1387689.07	19/04/2023	10:29:18	No Additional Comment
6.651	FJ-BM382	Field Joint - Bitumen Missing	737302.33	1387700.89	19/04/2023	10:30:21	No Additional Comment
6.663	FJ-BM383	Field Joint - Bitumen Missing	737298.84	1387712.11	19/04/2023	10:30:51	No Additional Comment
6.675	FJ-BM384	Field Joint - Bitumen Missing	737296.19	1387724.26	19/04/2023	10:31:21	No Additional Comment
6.688	FJ-BM385	Field Joint - Bitumen Missing	737292.94	1387736.33	19/04/2023	10:31:59	No Additional Comment
6.700	FJ-BM386	Field Joint - Bitumen Missing	737289.77	1387748.80	19/04/2023	10:32:36	No Additional Comment
6.713	FJ-BM387	Field Joint - Bitumen Missing	737286.99	1387760.52	19/04/2023	10:33:09	No Additional Comment
6.725	FJ-BM388	Field Joint - Bitumen Missing	737283.17	1387772.78	19/04/2023	10:33:46	No Additional Comment
6.737	FJ-BM389	Field Joint - Bitumen Missing	737280.54	1387784.55	19/04/2023	10:34:26	No Additional Comment
6.750	FJ-BM390	Field Joint - Bitumen Missing	737279.72	1387797.51	19/04/2023	10:35:00	No Additional Comment
6.762	FJ-BM391	Field Joint - Bitumen Missing	737274.45	1387807.89	19/04/2023	10:35:33	No Additional Comment
6.775	FJ-BM392	Field Joint - Bitumen Missing	737271.32	1387820.57	19/04/2023	10:36:44	No Additional Comment
6.786	FJ-BM393	Field Joint - Bitumen Missing	737268.36	1387831.76	19/04/2023	10:37:19	No Additional Comment
6.799	FJ-BM394	Field Joint - Bitumen Missing	737264.82	1387843.98	19/04/2023	10:37:54	No Additional Comment
6.810	FJ-BM395	Field Joint - Bitumen Missing	737262.04	1387855.24	19/04/2023	10:38:32	No Additional Comment
6.823	FJ-BM396	Field Joint - Bitumen Missing	737259.29	1387867.41	19/04/2023	10:39:14	No Additional Comment
6.836	FJ-BM397	Field Joint - Bitumen Missing	737255.78	1387879.53	19/04/2023	10:39:46	No Additional Comment
6.848	FJ-BM398	Field Joint - Bitumen Missing	737252.70	1387891.09	19/04/2023	10:58:28	No Additional Comment
6.873	FJ-BM399	Field Joint - Bitumen Missing	737245.57	1387915.29	19/04/2023	11:00:41	No Additional Comment
6.885	FJ-BM400	Field Joint - Bitumen Missing	737243.25	1387927.44	19/04/2023	11:01:15	No Additional Comment
6.897	FJ-BM401	Field Joint - Bitumen Missing	737239.38	1387939.24	19/04/2023	11:02:09	No Additional Comment
6.910	FJ-BM402	Field Joint - Bitumen Missing	737236.17	1387951.45	19/04/2023	11:03:08	No Additional Comment
6.922	FJ-BM403	Field Joint - Bitumen Missing	737233.09	1387963.02	19/04/2023	11:03:46	No Additional Comment
6.947	FJ-BM404	Field Joint - Bitumen Missing	737225.72	1387986.53	19/04/2023	11:04:25	No Additional Comment
6.946	FJ-BM405	Field Joint - Bitumen Missing	737226.97	1387985.99	19/04/2023	11:05:07	No Additional Comment
6.959	FJ-BM406	Field Joint - Bitumen Missing	737223.97	1387998.35	19/04/2023	11:06:02	No Additional Comment
6.970	FJ-BM407	Field Joint - Bitumen Missing	737220.48	1388009.63	19/04/2023	11:06:42	No Additional Comment
6.984	FJ-BM408	Field Joint - Bitumen Missing	737216.86	1388022.87	19/04/2023	11:07:22	No Additional Comment
6.996	FJ-BM409	Field Joint - Bitumen Missing	737214.32	1388034.45	19/04/2023	11:08:00	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
7.017	FJ-BM410	Field Joint - Bitumen Missing	737207.23	1388054.81	19/04/2023	11:08:37	No Additional Comment
7.021	FJ-BM411	Field Joint - Bitumen Missing	737206.48	1388057.90	19/04/2023	11:10:12	No Additional Comment
7.033	FJ-BM412	Field Joint - Bitumen Missing	737203.56	1388070.04	19/04/2023	11:10:55	No Additional Comment
7.045	FJ-BM413	Field Joint - Bitumen Missing	737200.48	1388082.04	19/04/2023	11:11:43	No Additional Comment
7.058	FJ-BM414	Field Joint - Bitumen Missing	737197.33	1388094.03	19/04/2023	11:12:25	No Additional Comment
7.070	FJ-BM415	Field Joint - Bitumen Missing	737193.79	1388106.10	19/04/2023	11:13:05	No Additional Comment
7.082	FJ-BM416	Field Joint - Bitumen Missing	737190.68	1388117.72	19/04/2023	11:13:44	No Additional Comment
7.091	FJ-BM417	Field Joint - Bitumen Missing	737189.07	1388126.46	19/04/2023	11:14:18	No Additional Comment
7.095	FJ-BM418	Field Joint - Bitumen Missing	737187.95	1388129.73	19/04/2023	11:14:40	No Additional Comment
7.108	FJ-BM419	Field Joint - Bitumen Missing	737184.58	1388142.59	19/04/2023	11:15:27	No Additional Comment
7.132	FJ-BM420	Field Joint - Bitumen Missing	737178.51	1388165.90	19/04/2023	11:16:37	No Additional Comment
7.144	FJ-BM421	Field Joint - Bitumen Missing	737175.92	1388177.63	19/04/2023	11:34:07	No Additional Comment
7.157	FJ-BM422	Field Joint - Bitumen Missing	737172.40	1388189.78	19/04/2023	11:35:07	No Additional Comment
7.177	FJ-BM423	Field Joint - Bitumen Missing	737167.39	1388208.89	19/04/2023	11:35:39	No Additional Comment
7.181	FJ-BM424	Field Joint - Bitumen Missing	737166.37	1388213.72	19/04/2023	11:36:20	No Additional Comment
7.196	FJ-BM425	Field Joint - Bitumen Missing	737162.73	1388227.70	19/04/2023	11:37:00	No Additional Comment
7.207	FJ-BM426	Field Joint - Bitumen Missing	737159.13	1388238.03	19/04/2023	11:37:44	No Additional Comment
7.219	FJ-BM427	Field Joint - Bitumen Missing	737156.62	1388250.41	19/04/2023	11:38:23	No Additional Comment
7.241	FJ-BM428	Field Joint - Bitumen Missing	737149.25	1388270.71	19/04/2023	13:14:15	No Additional Comment
7.244	FJ-BM429	Field Joint - Bitumen Missing	737149.81	1388274.22	19/04/2023	13:14:53	No Additional Comment
7.257	FJ-BM430	Field Joint - Bitumen Missing	737146.84	1388286.33	19/04/2023	13:15:35	No Additional Comment
7.269	FJ-BM431	Field Joint - Bitumen Missing	737143.95	1388298.82	19/04/2023	13:16:28	No Additional Comment
7.281	FJ-BM432	Field Joint - Bitumen Missing	737140.60	1388310.18	19/04/2023	13:17:02	No Additional Comment
7.295	FJ-BM433	Field Joint - Bitumen Missing	737137.07	1388323.51	19/04/2023	13:17:41	No Additional Comment
7.306	FJ-BM434	Field Joint - Bitumen Missing	737134.55	1388333.90	19/04/2023	13:18:18	No Additional Comment
7.318	FJ-BM435	Field Joint - Bitumen Missing	737131.15	1388346.07	19/04/2023	13:18:50	No Additional Comment
7.331	FJ-BM436	Field Joint - Bitumen Missing	737128.19	1388358.02	19/04/2023	13:19:25	No Additional Comment
7.343	FJ-BM437	Field Joint - Bitumen Missing	737124.71	1388369.84	19/04/2023	13:19:58	No Additional Comment
7.356	FJ-BM438	Field Joint - Bitumen Missing	737121.89	1388382.36	19/04/2023	13:20:31	No Additional Comment
7.368	FJ-BM439	Field Joint - Bitumen Missing	737118.35	1388394.41	19/04/2023	13:21:08	No Additional Comment
7.381	FJ-BM440	Field Joint - Bitumen Missing	737115.22	1388406.36	19/04/2023	13:21:39	No Additional Comment
7.393	FJ-BM441	Field Joint - Bitumen Missing	737111.63	1388418.01	19/04/2023	13:22:30	No Additional Comment
7.405	FJ-BM442	Field Joint - Bitumen Missing	737109.28	1388429.31	19/04/2023	13:23:05	No Additional Comment
7.430	FJ-BM443	Field Joint - Bitumen Missing	737102.85	1388453.68	19/04/2023	13:24:16	No Additional Comment
7.442	FJ-BM444	Field Joint - Bitumen Missing	737099.77	1388465.07	19/04/2023	13:24:54	No Additional Comment
7.454	FJ-BM445	Field Joint - Bitumen Missing	737096.41	1388477.24	19/04/2023	13:25:34	No Additional Comment
7.466	FJ-BM446	Field Joint - Bitumen Missing	737093.43	1388488.73	19/04/2023	13:26:22	No Additional Comment
7.479	FJ-BM447	Field Joint - Bitumen Missing	737090.30	1388501.37	19/04/2023	13:27:07	No Additional Comment
7.491	FJ-BM448	Field Joint - Bitumen Missing	737088.01	1388513.35	19/04/2023	13:27:45	No Additional Comment
7.504	FJ-BM449	Field Joint - Bitumen Missing	737083.83	1388525.28	19/04/2023	13:28:23	No Additional Comment
7.516	FJ-BM450	Field Joint - Bitumen Missing	737080.51	1388537.09	19/04/2023	13:29:42	No Additional Comment
7.529	FJ-BM451	Field Joint - Bitumen Missing	737077.16	1388549.35	19/04/2023	13:30:19	No Additional Comment



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KP	Abbreviation	Description	East	North	Date	Time	Comments
7.541	FJ-BM452	Field Joint - Bitumen Missing	737074.25	1388561.53	19/04/2023	13:31:00	No Additional Comment
7.554	FJ-BM453	Field Joint - Bitumen Missing	737071.08	1388573.56	19/04/2023	13:31:39	No Additional Comment
7.567	FJ-BM454	Field Joint - Bitumen Missing	737067.32	1388585.98	19/04/2023	13:32:41	No Additional Comment
7.578	FJ-BM455	Field Joint - Bitumen Missing	737064.74	1388597.45	19/04/2023	13:33:21	No Additional Comment
7.591	FJ-BM456	Field Joint - Bitumen Missing	737061.61	1388609.35	19/04/2023	13:34:00	No Additional Comment
7.604	FJ-BM457	Field Joint - Bitumen Missing	737058.45	1388622.47	19/04/2023	13:34:37	No Additional Comment
7.616	FJ-BM458	Field Joint - Bitumen Missing	737055.04	1388634.13	19/04/2023	13:35:14	No Additional Comment
7.629	FJ-BM459	Field Joint - Bitumen Missing	737052.14	1388646.50	19/04/2023	13:35:56	No Additional Comment
7.641	FJ-BM460	Field Joint - Bitumen Missing	737048.82	1388657.85	19/04/2023	13:37:08	No Additional Comment
7.653	FJ-BM461	Field Joint - Bitumen Missing	737045.92	1388669.37	19/04/2023	13:37:41	No Additional Comment
7.678	FJ-BM462	Field Joint - Bitumen Missing	737040.61	1388694.01	19/04/2023	13:39:11	No Additional Comment
7.690	FJ-BM463	Field Joint - Bitumen Missing	737036.63	1388705.81	19/04/2023	13:40:00	No Additional Comment
7.702	FJ-BM464	Field Joint - Bitumen Missing	737033.31	1388717.20	19/04/2023	13:40:38	No Additional Comment
7.715	FJ-BM465	Field Joint - Bitumen Missing	737030.84	1388729.20	19/04/2023	13:41:19	No Additional Comment
7.727	FJ-BM466	Field Joint - Bitumen Missing	737026.84	1388741.35	19/04/2023	13:41:58	No Additional Comment
7.740	FJ-BM467	Field Joint - Bitumen Missing	737024.61	1388753.53	19/04/2023	13:42:42	No Additional Comment
7.754	FJ-BM468	Field Joint - Bitumen Missing	737020.86	1388767.14	19/04/2023	13:44:00	No Additional Comment
7.764	FJ-BM469	Field Joint - Bitumen Missing	737017.99	1388777.10	19/04/2023	13:49:23	No Additional Comment
7.777	FJ-BM470	Field Joint - Bitumen Missing	737015.93	1388789.50	19/04/2023	13:50:04	No Additional Comment
7.788	FJ-BM471	Field Joint - Bitumen Missing	737011.68	1388800.65	19/04/2023	13:50:41	No Additional Comment
7.801	FJ-BM472	Field Joint - Bitumen Missing	737008.86	1388812.57	19/04/2023	13:51:17	No Additional Comment
7.813	FJ-BM473	Field Joint - Bitumen Missing	737005.73	1388824.63	19/04/2023	13:51:53	No Additional Comment
7.826	FJ-BM474	Field Joint - Bitumen Missing	737002.46	1388836.56	19/04/2023	13:52:24	No Additional Comment
7.850	FJ-BM475	Field Joint - Bitumen Missing	736996.13	1388860.38	19/04/2023	14:08:27	No Additional Comment
7.876	FJ-BM476	Field Joint - Bitumen Missing	736989.72	1388885.23	19/04/2023	14:09:57	No Additional Comment
7.888	FJ-BM477	Field Joint - Bitumen Missing	736986.54	1388896.46	19/04/2023	14:10:58	No Additional Comment
7.900	FJ-BM478	Field Joint - Bitumen Missing	736983.72	1388908.21	19/04/2023	14:11:33	No Additional Comment
7.913	FJ-BM479	Field Joint - Bitumen Missing	736980.33	1388921.24	19/04/2023	14:12:12	No Additional Comment
7.926	FJ-BM480	Field Joint - Bitumen Missing	736976.86	1388933.33	19/04/2023	14:12:52	No Additional Comment
7.938	FJ-BM481	Field Joint - Bitumen Missing	736973.73	1388945.59	19/04/2023	14:13:25	No Additional Comment
7.950	FJ-BM482	Field Joint - Bitumen Missing	736970.76	1388957.07	19/04/2023	14:13:58	No Additional Comment
7.962	FJ-BM483	Field Joint - Bitumen Missing	736967.74	1388968.87	19/04/2023	14:14:29	No Additional Comment
7.975	FJ-BM484	Field Joint - Bitumen Missing	736964.49	1388981.03	19/04/2023	14:15:03	No Additional Comment
7.987	FJ-BM485	Field Joint - Bitumen Missing	736961.30	1388992.72	19/04/2023	14:15:37	No Additional Comment
8.000	FJ-BM486	Field Joint - Bitumen Missing	736958.08	1389004.94	19/04/2023	14:16:10	No Additional Comment
8.037	FJ-BM487	Field Joint - Bitumen Missing	736948.27	1389040.71	19/04/2023	14:23:50	No Additional Comment
8.050	FJ-BM488	Field Joint - Bitumen Missing	736944.97	1389053.06	19/04/2023	14:24:29	No Additional Comment
8.062	FJ-BM489	Field Joint - Bitumen Missing	736942.88	1389065.75	19/04/2023	14:25:08	No Additional Comment
8.075	FJ-BM490	Field Joint - Bitumen Missing	736939.01	1389078.15	19/04/2023	14:25:51	No Additional Comment
8.088	FJ-BM491	Field Joint - Bitumen Missing	736936.97	1389090.64	19/04/2023	14:26:24	No Additional Comment
8.100	FJ-BM492	Field Joint - Bitumen Missing	736932.60	1389102.44	19/04/2023	14:29:00	No Additional Comment
8.113	FJ-BM493	Field Joint - Bitumen Missing	736929.63	1389114.24	19/04/2023	14:39:51	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
8.126	FJ-BM494	Field Joint - Bitumen Missing	736926.89	1389126.89	19/04/2023	14:40:27	No Additional Comment
8.137	FJ-BM495	Field Joint - Bitumen Missing	736923.25	1389137.90	19/04/2023	14:41:48	No Additional Comment
8.150	FJ-BM496	Field Joint - Bitumen Missing	736919.42	1389150.06	19/04/2023	14:42:31	No Additional Comment
8.162	FJ-BM497	Field Joint - Bitumen Missing	736916.40	1389161.80	19/04/2023	14:43:12	No Additional Comment
8.174	FJ-BM498	Field Joint - Bitumen Missing	736913.68	1389173.58	19/04/2023	14:43:47	No Additional Comment
8.186	FJ-BM499	Field Joint - Bitumen Missing	736910.79	1389184.97	19/04/2023	14:45:03	No Additional Comment
8.199	FJ-BM500	Field Joint - Bitumen Missing	736907.17	1389198.00	19/04/2023	14:45:55	No Additional Comment
8.213	FJ-BM501	Field Joint - Bitumen Missing	736903.28	1389211.44	19/04/2023	14:46:40	No Additional Comment
8.224	FJ-BM502	Field Joint - Bitumen Missing	736901.03	1389222.15	19/04/2023	14:47:31	No Additional Comment
8.236	FJ-BM503	Field Joint - Bitumen Missing	736897.91	1389233.91	19/04/2023	14:48:36	No Additional Comment
8.249	FJ-BM504	Field Joint - Bitumen Missing	736894.33	1389245.99	19/04/2023	14:49:21	No Additional Comment
8.260	FJ-BM505	Field Joint - Bitumen Missing	736891.03	1389257.01	19/04/2023	14:50:53	No Additional Comment
8.273	FJ-BM506	Field Joint - Bitumen Missing	736887.73	1389268.95	19/04/2023	14:51:48	No Additional Comment
8.285	FJ-BM507	Field Joint - Bitumen Missing	736884.72	1389281.01	19/04/2023	14:52:56	No Additional Comment
8.298	FJ-BM508	Field Joint - Bitumen Missing	736881.49	1389293.13	19/04/2023	14:53:41	No Additional Comment
8.311	FJ-BM509	Field Joint - Bitumen Missing	736878.11	1389305.83	19/04/2023	14:54:18	No Additional Comment
8.323	FJ-BM510	Field Joint - Bitumen Missing	736874.51	1389317.67	19/04/2023	14:55:09	No Additional Comment
8.335	FJ-BM511	Field Joint - Bitumen Missing	736872.78	1389329.54	19/04/2023	14:55:57	No Additional Comment
8.348	FJ-BM512	Field Joint - Bitumen Missing	736868.91	1389341.60	19/04/2023	14:56:33	No Additional Comment
8.373	FJ-BM513	Field Joint - Bitumen Missing	736863.25	1389365.78	19/04/2023	15:04:21	No Additional Comment
8.385	FJ-BM514	Field Joint - Bitumen Missing	736858.85	1389377.43	19/04/2023	15:05:37	No Additional Comment
8.397	FJ-BM515	Field Joint - Bitumen Missing	736855.60	1389389.06	19/04/2023	15:06:22	No Additional Comment
8.410	FJ-BM516	Field Joint - Bitumen Missing	736853.27	1389401.27	19/04/2023	15:07:03	No Additional Comment
8.422	FJ-BM517	Field Joint - Bitumen Missing	736850.12	1389413.25	19/04/2023	15:07:51	No Additional Comment
8.435	FJ-BM518	Field Joint - Bitumen Missing	736846.77	1389425.42	19/04/2023	15:08:36	No Additional Comment
8.447	FJ-BM519	Field Joint - Bitumen Missing	736843.54	1389437.35	19/04/2023	15:09:14	No Additional Comment
8.461	FJ-BM520	Field Joint - Bitumen Missing	736839.86	1389450.82	19/04/2023	15:10:14	No Additional Comment
8.472	FJ-BM521	Field Joint - Bitumen Missing	736837.26	1389461.19	19/04/2023	15:11:07	No Additional Comment
8.484	FJ-BM522	Field Joint - Bitumen Missing	736834.30	1389472.94	19/04/2023	15:11:52	No Additional Comment
8.497	FJ-BM523	Field Joint - Bitumen Missing	736830.40	1389485.90	19/04/2023	15:12:29	No Additional Comment
8.508	FJ-BM524	Field Joint - Bitumen Missing	736826.74	1389496.50	19/04/2023	15:16:44	No Additional Comment
8.521	FJ-BM525	Field Joint - Bitumen Missing	736824.45	1389508.87	19/04/2023	15:17:25	No Additional Comment
8.545	FJ-BM526	Field Joint - Bitumen Missing	736818.30	1389532.15	19/04/2023	15:18:20	No Additional Comment
8.547	FJ-BM527	Field Joint - Bitumen Missing	736817.41	1389533.42	19/04/2023	15:19:20	No Additional Comment
8.559	FJ-BM528	Field Joint - Bitumen Missing	736814.22	1389545.60	19/04/2023	15:20:02	No Additional Comment
8.571	FJ-BM529	Field Joint - Bitumen Missing	736811.64	1389557.55	19/04/2023	15:20:58	No Additional Comment
8.585	FJ-BM530	Field Joint - Bitumen Missing	736807.86	1389570.92	19/04/2023	15:21:48	No Additional Comment
8.609	FJ-BM531	Field Joint - Bitumen Missing	736799.14	1389593.50	19/04/2023	15:22:31	No Additional Comment
8.609	FJ-BM532	Field Joint - Bitumen Missing	736802.19	1389593.50	19/04/2023	15:23:13	No Additional Comment
8.621	FJ-BM533	Field Joint - Bitumen Missing	736798.63	1389605.44	19/04/2023	15:24:41	No Additional Comment
8.633	FJ-BM534	Field Joint - Bitumen Missing	736796.29	1389617.72	19/04/2023	15:25:49	No Additional Comment
8.645	FJ-BM535	Field Joint - Bitumen Missing	736792.43	1389629.15	19/04/2023	15:26:28	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
8.657	FJ-BM536	Field Joint - Bitumen Missing	736788.89	1389640.24	19/04/2023	15:29:19	No Additional Comment
8.670	FJ-BM537	Field Joint - Bitumen Missing	736786.20	1389652.59	19/04/2023	15:30:15	No Additional Comment
8.682	FJ-BM538	Field Joint - Bitumen Missing	736783.24	1389664.96	19/04/2023	15:30:56	No Additional Comment
8.695	FJ-BM539	Field Joint - Bitumen Missing	736780.52	1389676.70	19/04/2023	15:31:40	No Additional Comment
8.707	FJ-BM540	Field Joint - Bitumen Missing	736777.06	1389688.58	19/04/2023	15:32:24	No Additional Comment
8.719	FJ-BM541	Field Joint - Bitumen Missing	736774.15	1389700.18	19/04/2023	15:33:00	No Additional Comment
8.731	FJ-BM542	Field Joint - Bitumen Missing	736771.22	1389711.88	19/04/2023	15:33:52	No Additional Comment
8.742	FJ-BM543	Field Joint - Bitumen Missing	736768.48	1389722.94	19/04/2023	15:34:36	No Additional Comment
8.754	FJ-BM544	Field Joint - Bitumen Missing	736765.17	1389734.35	19/04/2023	15:35:55	No Additional Comment
8.854	FJ-BM545	Field Joint - Bitumen Missing	736739.64	1389830.69	19/04/2023	16:07:46	No Additional Comment
8.865	FJ-BM546	Field Joint - Bitumen Missing	736737.14	1389841.46	19/04/2023	16:08:32	No Additional Comment
8.877	FJ-BM547	Field Joint - Bitumen Missing	736733.34	1389852.88	19/04/2023	16:09:18	No Additional Comment
8.889	FJ-BM548	Field Joint - Bitumen Missing	736730.47	1389865.15	19/04/2023	16:09:48	No Additional Comment
8.902	FJ-BM549	Field Joint - Bitumen Missing	736727.27	1389877.33	19/04/2023	16:10:18	No Additional Comment
8.914	FJ-BM550	Field Joint - Bitumen Missing	736723.94	1389889.14	19/04/2023	16:10:50	No Additional Comment
8.931	FJ-BM551	Field Joint - Bitumen Missing	736720.36	1389905.73	19/04/2023	16:11:26	No Additional Comment
8.940	FJ-BM552	Field Joint - Bitumen Missing	736717.87	1389913.88	19/04/2023	16:12:10	No Additional Comment
8.951	FJ-BM553	Field Joint - Bitumen Missing	736714.92	1389924.98	19/04/2023	16:13:13	No Additional Comment
8.964	FJ-BM554	Field Joint - Bitumen Missing	736711.69	1389937.06	19/04/2023	16:14:02	No Additional Comment
8.976	FJ-BM555	Field Joint - Bitumen Missing	736708.36	1389948.70	19/04/2023	16:14:43	No Additional Comment
8.988	FJ-BM556	Field Joint - Bitumen Missing	736704.81	1389960.62	19/04/2023	16:15:16	No Additional Comment
9.001	FJ-BM557	Field Joint - Bitumen Missing	736701.13	1389972.32	19/04/2023	16:16:06	No Additional Comment
9.064	FJ-BM558	Field Joint - Bitumen Missing	736686.59	1390033.96	22/04/2023	09:12:43	No Additional Comment
9.076	FJ-BM559	Field Joint - Bitumen Missing	736683.32	1390045.50	22/04/2023	09:14:11	No Additional Comment
9.088	FJ-BM560	Field Joint - Bitumen Missing	736680.05	1390057.23	22/04/2023	09:15:10	No Additional Comment
9.101	FJ-BM561	Field Joint - Bitumen Missing	736676.95	1390069.93	22/04/2023	09:15:56	No Additional Comment
9.114	FJ-BM562	Field Joint - Bitumen Missing	736673.39	1390082.11	22/04/2023	09:16:57	No Additional Comment
9.125	FJ-BM563	Field Joint - Bitumen Missing	736671.06	1390093.12	22/04/2023	09:18:16	No Additional Comment
9.138	FJ-BM564	Field Joint - Bitumen Missing	736667.42	1390105.38	22/04/2023	09:19:06	No Additional Comment
9.150	FJ-BM565	Field Joint - Bitumen Missing	736664.55	1390117.27	22/04/2023	09:20:03	No Additional Comment
9.162	FJ-BM566	Field Joint - Bitumen Missing	736661.82	1390128.59	22/04/2023	09:20:57	No Additional Comment
9.175	FJ-BM567	Field Joint - Bitumen Missing	736658.42	1390141.64	22/04/2023	09:21:42	No Additional Comment
9.187	FJ-BM568	Field Joint - Bitumen Missing	736655.95	1390153.09	22/04/2023	09:22:27	No Additional Comment
9.199	FJ-BM569	Field Joint - Bitumen Missing	736652.29	1390165.04	22/04/2023	09:23:14	No Additional Comment
9.211	FJ-BM570	Field Joint - Bitumen Missing	736649.45	1390176.40	22/04/2023	09:24:09	No Additional Comment
9.225	FJ-BM571	Field Joint - Bitumen Missing	736646.12	1390189.58	22/04/2023	09:25:11	No Additional Comment
9.237	FJ-BM572	Field Joint - Bitumen Missing	736642.92	1390201.09	22/04/2023	09:25:59	No Additional Comment
9.250	FJ-BM573	Field Joint - Bitumen Missing	736639.94	1390213.61	22/04/2023	09:27:40	No Additional Comment
9.261	FJ-BM574	Field Joint - Bitumen Missing	736636.76	1390224.87	22/04/2023	09:28:53	No Additional Comment
9.274	FJ-BM575	Field Joint - Bitumen Missing	736633.49	1390237.01	22/04/2023	09:29:42	No Additional Comment
9.286	FJ-BM576	Field Joint - Bitumen Missing	736630.35	1390249.02	22/04/2023	09:30:25	No Additional Comment
9.298	FJ-BM577	Field Joint - Bitumen Missing	736627.19	1390260.83	22/04/2023	09:31:07	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
9.311	FJ-BM578	Field Joint - Bitumen Missing	736624.20	1390273.16	22/04/2023	09:32:02	No Additional Comment
9.324	FJ-BM579	Field Joint - Bitumen Missing	736620.94	1390285.37	22/04/2023	09:32:54	No Additional Comment
9.336	FJ-BM580	Field Joint - Bitumen Missing	736617.93	1390297.32	22/04/2023	09:33:45	No Additional Comment
9.349	FJ-BM581	Field Joint - Bitumen Missing	736614.66	1390309.75	22/04/2023	09:34:31	No Additional Comment
9.361	FJ-BM582	Field Joint - Bitumen Missing	736611.14	1390321.42	22/04/2023	09:35:10	No Additional Comment
9.374	FJ-BM583	Field Joint - Bitumen Missing	736607.94	1390333.65	22/04/2023	09:36:07	No Additional Comment
9.386	FJ-BM584	Field Joint - Bitumen Missing	736605.14	1390345.35	22/04/2023	09:36:46	No Additional Comment
9.398	FJ-BM585	Field Joint - Bitumen Missing	736601.77	1390357.30	22/04/2023	09:37:28	No Additional Comment
9.410	FJ-BM586	Field Joint - Bitumen Missing	736598.35	1390369.12	22/04/2023	09:38:13	No Additional Comment
9.423	FJ-BM587	Field Joint - Bitumen Missing	736595.30	1390380.91	22/04/2023	09:39:10	No Additional Comment
9.435	FJ-BM588	Field Joint - Bitumen Missing	736591.92	1390393.04	22/04/2023	09:39:50	No Additional Comment
9.448	FJ-BM589	Field Joint - Bitumen Missing	736589.13	1390405.11	22/04/2023	09:40:40	No Additional Comment
9.460	FJ-BM590	Field Joint - Bitumen Missing	736586.33	1390416.84	22/04/2023	09:41:22	No Additional Comment
9.472	FJ-BM591	Field Joint - Bitumen Missing	736582.79	1390428.87	22/04/2023	09:42:05	No Additional Comment
9.484	FJ-BM592	Field Joint - Bitumen Missing	736579.18	1390440.39	22/04/2023	09:42:50	No Additional Comment
9.496	FJ-BM593	Field Joint - Bitumen Missing	736576.69	1390452.29	22/04/2023	09:43:46	No Additional Comment
9.509	FJ-BM594	Field Joint - Bitumen Missing	736573.16	1390464.40	22/04/2023	09:44:29	No Additional Comment
9.521	FJ-BM595	Field Joint - Bitumen Missing	736570.26	1390476.44	22/04/2023	09:45:13	No Additional Comment
9.533	FJ-BM596	Field Joint - Bitumen Missing	736566.69	1390487.93	22/04/2023	09:45:46	No Additional Comment
9.546	FJ-BM597	Field Joint - Bitumen Missing	736563.83	1390500.24	22/04/2023	09:46:20	No Additional Comment
9.559	FJ-BM598	Field Joint - Bitumen Missing	736560.96	1390512.51	22/04/2023	09:46:51	No Additional Comment
9.571	FJ-BM599	Field Joint - Bitumen Missing	736557.90	1390524.12	22/04/2023	09:47:21	No Additional Comment
9.583	FJ-BM600	Field Joint - Bitumen Missing	736554.83	1390536.13	22/04/2023	09:48:20	No Additional Comment
9.596	FJ-BM601	Field Joint - Bitumen Missing	736551.51	1390548.38	22/04/2023	09:48:52	No Additional Comment
9.609	FJ-BM602	Field Joint - Bitumen Missing	736548.25	1390561.10	22/04/2023	09:49:33	No Additional Comment
9.633	FJ-BM603	Field Joint - Bitumen Missing	736542.06	1390584.58	22/04/2023	09:50:38	No Additional Comment
9.646	FJ-BM604	Field Joint - Bitumen Missing	736538.93	1390596.84	22/04/2023	09:51:14	No Additional Comment
9.658	FJ-BM605	Field Joint - Bitumen Missing	736535.18	1390608.35	22/04/2023	09:51:46	No Additional Comment
9.695	FJ-BM606	Field Joint - Bitumen Missing	736526.42	1390644.69	22/04/2023	09:53:58	No Additional Comment
9.708	FJ-BM607	Field Joint - Bitumen Missing	736523.08	1390656.49	22/04/2023	09:54:36	No Additional Comment
9.720	FJ-BM608	Field Joint - Bitumen Missing	736519.71	1390668.58	22/04/2023	09:55:15	No Additional Comment
9.744	FJ-BM609	Field Joint - Bitumen Missing	736513.65	1390692.20	22/04/2023	09:56:54	No Additional Comment
9.757	FJ-BM610	Field Joint - Bitumen Missing	736510.48	1390704.20	22/04/2023	09:57:37	No Additional Comment
9.782	FJ-BM611	Field Joint - Bitumen Missing	736504.17	1390728.07	22/04/2023	09:58:51	No Additional Comment
9.794	FJ-BM612	Field Joint - Bitumen Missing	736500.85	1390739.76	22/04/2023	09:59:29	No Additional Comment
9.806	FJ-BM613	Field Joint - Bitumen Missing	736497.24	1390751.84	22/04/2023	10:00:07	No Additional Comment
9.818	FJ-BM614	Field Joint - Bitumen Missing	736494.72	1390763.61	22/04/2023	10:00:47	No Additional Comment
9.831	FJ-BM615	Field Joint - Bitumen Missing	736491.64	1390776.36	22/04/2023	10:01:25	No Additional Comment
9.844	FJ-BM616	Field Joint - Bitumen Missing	736487.50	1390788.25	22/04/2023	10:02:01	No Additional Comment
9.856	FJ-BM617	Field Joint - Bitumen Missing	736485.33	1390800.18	22/04/2023	10:02:36	No Additional Comment
9.881	FJ-BM618	Field Joint - Bitumen Missing	736478.68	1390824.09	22/04/2023	10:04:06	No Additional Comment
9.893	FJ-BM619	Field Joint - Bitumen Missing	736475.94	1390835.34	22/04/2023	10:04:37	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
9.906	FJ-BM620	Field Joint - Bitumen Missing	736472.76	1390848.17	22/04/2023	10:05:23	No Additional Comment
9.917	FJ-BM621	Field Joint - Bitumen Missing	736469.64	1390859.43	22/04/2023	10:05:54	No Additional Comment
9.930	FJ-BM622	Field Joint - Bitumen Missing	736466.04	1390871.89	22/04/2023	10:06:26	No Additional Comment
9.942	FJ-BM623	Field Joint - Bitumen Missing	736463.23	1390883.38	22/04/2023	10:06:58	No Additional Comment
9.955	FJ-BM624	Field Joint - Bitumen Missing	736459.90	1390896.09	22/04/2023	10:07:37	No Additional Comment
9.968	FJ-BM625	Field Joint - Bitumen Missing	736457.04	1390908.21	22/04/2023	10:08:30	No Additional Comment
9.980	FJ-BM626	Field Joint - Bitumen Missing	736453.81	1390919.70	22/04/2023	10:09:05	No Additional Comment
9.992	FJ-BM627	Field Joint - Bitumen Missing	736450.66	1390931.61	22/04/2023	10:09:50	No Additional Comment
10.004	FJ-BM628	Field Joint - Bitumen Missing	736447.43	1390943.25	22/04/2023	10:10:35	No Additional Comment
10.017	FJ-BM629	Field Joint - Bitumen Missing	736444.33	1390955.34	22/04/2023	10:11:22	No Additional Comment
10.029	FJ-BM630	Field Joint - Bitumen Missing	736441.11	1390967.35	22/04/2023	10:12:05	No Additional Comment
10.041	FJ-BM631	Field Joint - Bitumen Missing	736438.30	1390979.32	22/04/2023	10:12:45	No Additional Comment
10.066	FJ-BM632	Field Joint - Bitumen Missing	736431.77	1391003.41	22/04/2023	10:13:55	No Additional Comment
10.079	FJ-BM633	Field Joint - Bitumen Missing	736428.42	1391015.38	22/04/2023	10:14:28	No Additional Comment
10.091	FJ-BM634	Field Joint - Bitumen Missing	736425.36	1391027.65	22/04/2023	10:15:07	No Additional Comment
10.104	FJ-BM635	Field Joint - Bitumen Missing	736421.99	1391039.80	22/04/2023	10:15:45	No Additional Comment
10.116	FJ-BM636	Field Joint - Bitumen Missing	736419.22	1391051.94	22/04/2023	10:17:00	No Additional Comment
10.129	FJ-BM637	Field Joint - Bitumen Missing	736415.79	1391064.47	22/04/2023	10:17:35	No Additional Comment
10.142	FJ-BM638	Field Joint - Bitumen Missing	736412.37	1391076.18	22/04/2023	10:18:24	No Additional Comment
10.166	FJ-BM639	Field Joint - Bitumen Missing	736406.00	1391099.92	22/04/2023	10:19:44	No Additional Comment
10.179	FJ-BM640	Field Joint - Bitumen Missing	736402.75	1391112.25	22/04/2023	10:20:32	No Additional Comment
10.192	FJ-BM641	Field Joint - Bitumen Missing	736398.97	1391124.88	22/04/2023	10:21:17	No Additional Comment
10.204	FJ-BM642	Field Joint - Bitumen Missing	736396.28	1391136.39	22/04/2023	10:21:57	No Additional Comment
10.217	FJ-BM643	Field Joint - Bitumen Missing	736393.00	1391149.01	22/04/2023	10:22:39	No Additional Comment
10.229	FJ-BM644	Field Joint - Bitumen Missing	736389.88	1391161.07	22/04/2023	10:23:20	No Additional Comment
10.241	FJ-BM645	Field Joint - Bitumen Missing	736386.92	1391172.64	22/04/2023	10:24:40	No Additional Comment
10.254	FJ-BM646	Field Joint - Bitumen Missing	736383.87	1391184.87	22/04/2023	10:25:21	No Additional Comment
10.270	FJ-BM647	Field Joint - Bitumen Missing	736375.78	1391194.42	22/04/2023	10:26:03	No Additional Comment
10.279	FJ-BM648	Field Joint - Bitumen Missing	736377.12	1391209.03	22/04/2023	10:28:21	No Additional Comment
10.291	FJ-BM649	Field Joint - Bitumen Missing	736374.08	1391220.77	22/04/2023	10:29:11	No Additional Comment
10.303	FJ-BM650	Field Joint - Bitumen Missing	736371.69	1391232.84	22/04/2023	10:29:55	No Additional Comment
10.316	FJ-BM651	Field Joint - Bitumen Missing	736367.76	1391244.70	22/04/2023	10:30:40	No Additional Comment
10.329	FJ-BM652	Field Joint - Bitumen Missing	736364.78	1391257.19	22/04/2023	10:31:42	No Additional Comment
10.340	FJ-BM653	Field Joint - Bitumen Missing	736361.74	1391268.28	22/04/2023	10:32:24	No Additional Comment
10.353	FJ-BM654	Field Joint - Bitumen Missing	736358.44	1391280.16	22/04/2023	10:33:12	No Additional Comment
10.365	FJ-BM655	Field Joint - Bitumen Missing	736356.13	1391292.41	22/04/2023	10:34:08	No Additional Comment
10.378	FJ-BM656	Field Joint - Bitumen Missing	736352.58	1391304.50	22/04/2023	10:34:46	No Additional Comment
10.390	FJ-BM657	Field Joint - Bitumen Missing	736349.01	1391316.62	22/04/2023	10:35:28	No Additional Comment
10.403	FJ-BM658	Field Joint - Bitumen Missing	736345.86	1391328.84	22/04/2023	10:36:07	No Additional Comment
10.427	FJ-BM659	Field Joint - Bitumen Missing	736339.79	1391352.25	22/04/2023	10:37:13	No Additional Comment
10.439	FJ-BM660	Field Joint - Bitumen Missing	736336.71	1391364.31	22/04/2023	10:37:43	No Additional Comment
10.452	FJ-BM661	Field Joint - Bitumen Missing	736333.05	1391376.02	22/04/2023	10:38:15	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
10.466	FJ-BM662	Field Joint - Bitumen Missing	736330.03	1391388.62	22/04/2023	10:38:46	No Additional Comment
10.476	FJ-BM663	Field Joint - Bitumen Missing	736327.05	1391399.85	22/04/2023	10:39:17	No Additional Comment
10.489	FJ-BM664	Field Joint - Bitumen Missing	736323.90	1391412.32	22/04/2023	10:40:02	No Additional Comment
10.502	FJ-BM665	Field Joint - Bitumen Missing	736320.88	1391424.37	22/04/2023	10:40:33	No Additional Comment
10.514	FJ-BM666	Field Joint - Bitumen Missing	736317.66	1391436.31	22/04/2023	10:41:09	No Additional Comment
10.526	FJ-BM667	Field Joint - Bitumen Missing	736314.54	1391447.66	22/04/2023	10:41:46	No Additional Comment
10.538	FJ-BM668	Field Joint - Bitumen Missing	736311.15	1391459.41	22/04/2023	10:42:22	No Additional Comment
10.551	FJ-BM669	Field Joint - Bitumen Missing	736308.20	1391471.87	22/04/2023	10:42:57	No Additional Comment
10.563	FJ-BM670	Field Joint - Bitumen Missing	736305.64	1391483.56	22/04/2023	10:43:59	No Additional Comment
10.575	FJ-BM671	Field Joint - Bitumen Missing	736302.22	1391495.53	22/04/2023	10:44:43	No Additional Comment
10.588	FJ-BM672	Field Joint - Bitumen Missing	736298.83	1391507.48	22/04/2023	10:45:21	No Additional Comment
10.600	FJ-BM673	Field Joint - Bitumen Missing	736295.42	1391519.31	22/04/2023	10:46:19	No Additional Comment
10.612	FJ-BM674	Field Joint - Bitumen Missing	736292.33	1391531.27	22/04/2023	10:47:16	No Additional Comment
10.638	FJ-BM675	Field Joint - Bitumen Missing	736285.97	1391555.83	22/04/2023	10:48:22	No Additional Comment
10.650	FJ-BM676	Field Joint - Bitumen Missing	736282.87	1391567.93	22/04/2023	10:48:57	No Additional Comment
10.663	FJ-BM677	Field Joint - Bitumen Missing	736279.52	1391580.00	22/04/2023	10:49:40	No Additional Comment
10.675	FJ-BM678	Field Joint - Bitumen Missing	736276.38	1391591.76	22/04/2023	10:50:20	No Additional Comment
10.687	FJ-BM679	Field Joint - Bitumen Missing	736273.56	1391604.11	22/04/2023	10:51:05	No Additional Comment
10.700	FJ-BM680	Field Joint - Bitumen Missing	736270.05	1391616.51	22/04/2023	10:51:44	No Additional Comment
10.713	FJ-BM681	Field Joint - Bitumen Missing	736266.99	1391628.69	22/04/2023	10:52:33	No Additional Comment
10.726	FJ-BM682	Field Joint - Bitumen Missing	736263.76	1391641.39	22/04/2023	10:53:20	No Additional Comment
10.738	FJ-BM683	Field Joint - Bitumen Missing	736261.10	1391653.03	22/04/2023	10:54:22	No Additional Comment
10.750	FJ-BM684	Field Joint - Bitumen Missing	736257.45	1391664.40	22/04/2023	10:54:54	No Additional Comment
10.762	FJ-BM685	Field Joint - Bitumen Missing	736254.47	1391676.64	22/04/2023	10:55:34	No Additional Comment
10.777	FJ-BM686	Field Joint - Bitumen Missing	736251.24	1391690.74	22/04/2023	10:56:20	No Additional Comment
10.788	FJ-BM687	Field Joint - Bitumen Missing	736248.02	1391701.43	22/04/2023	10:57:02	No Additional Comment
10.801	FJ-BM688	Field Joint - Bitumen Missing	736245.09	1391713.52	22/04/2023	10:57:37	No Additional Comment
10.813	FJ-BM689	Field Joint - Bitumen Missing	736242.37	1391725.83	22/04/2023	10:58:09	No Additional Comment
10.838	FJ-BM690	Field Joint - Bitumen Missing	736235.66	1391750.09	22/04/2023	10:59:25	No Additional Comment
10.850	FJ-BM691	Field Joint - Bitumen Missing	736232.44	1391761.58	22/04/2023	10:59:59	No Additional Comment
10.863	FJ-BM692	Field Joint - Bitumen Missing	736229.69	1391773.60	22/04/2023	11:03:41	No Additional Comment
10.876	FJ-BM693	Field Joint - Bitumen Missing	736226.27	1391786.11	22/04/2023	11:04:12	No Additional Comment
10.888	FJ-BM694	Field Joint - Bitumen Missing	736223.00	1391797.81	22/04/2023	11:04:48	No Additional Comment
10.899	FJ-BM695	Field Joint - Bitumen Missing	736219.85	1391809.22	22/04/2023	11:05:26	No Additional Comment
10.913	FJ-BM696	Field Joint - Bitumen Missing	736216.40	1391821.85	22/04/2023	11:05:56	No Additional Comment
10.924	FJ-BM697	Field Joint - Bitumen Missing	736213.56	1391833.04	22/04/2023	11:06:30	No Additional Comment
10.937	FJ-BM698	Field Joint - Bitumen Missing	736210.50	1391845.55	22/04/2023	11:07:02	No Additional Comment
10.950	FJ-BM699	Field Joint - Bitumen Missing	736206.89	1391857.57	22/04/2023	11:07:34	No Additional Comment
10.962	FJ-BM700	Field Joint - Bitumen Missing	736203.42	1391869.25	22/04/2023	11:08:14	No Additional Comment
10.974	FJ-BM701	Field Joint - Bitumen Missing	736200.56	1391880.94	22/04/2023	11:08:48	No Additional Comment
10.986	FJ-BM702	Field Joint - Bitumen Missing	736197.30	1391892.88	22/04/2023	11:09:33	No Additional Comment
10.999	FJ-BM703	Field Joint - Bitumen Missing	736194.18	1391904.97	22/04/2023	11:10:01	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
11.011	FJ-BM704	Field Joint - Bitumen Missing	736191.06	1391917.02	22/04/2023	11:10:43	No Additional Comment
11.024	FJ-BM705	Field Joint - Bitumen Missing	736187.75	1391929.06	22/04/2023	11:11:14	No Additional Comment
11.048	FJ-BM706	Field Joint - Bitumen Missing	736181.59	1391953.09	22/04/2023	11:12:35	No Additional Comment
11.111	FJ-BM707	Field Joint - Bitumen Missing	736166.10	1392013.46	22/04/2023	11:15:23	No Additional Comment
11.135	FJ-BM708	Field Joint - Bitumen Missing	736159.67	1392037.06	22/04/2023	11:16:19	No Additional Comment
11.160	FJ-BM709	Field Joint - Bitumen Missing	736153.14	1392061.53	22/04/2023	11:17:25	No Additional Comment
11.173	FJ-BM710	Field Joint - Bitumen Missing	736150.05	1392073.55	22/04/2023	11:18:00	No Additional Comment
11.185	FJ-BM711	Field Joint - Bitumen Missing	736145.95	1392085.02	22/04/2023	11:18:39	No Additional Comment
11.198	FJ-BM712	Field Joint - Bitumen Missing	736143.31	1392097.28	22/04/2023	11:19:15	No Additional Comment
11.210	FJ-BM713	Field Joint - Bitumen Missing	736140.09	1392109.36	22/04/2023	11:19:55	No Additional Comment
11.223	FJ-BM714	Field Joint - Bitumen Missing	736137.27	1392121.55	22/04/2023	11:20:55	No Additional Comment
11.235	FJ-BM715	Field Joint - Bitumen Missing	736133.87	1392133.63	22/04/2023	11:21:54	No Additional Comment
11.259	FJ-BM716	Field Joint - Bitumen Missing	736127.87	1392156.99	22/04/2023	11:23:04	No Additional Comment
11.285	FJ-BM717	Field Joint - Bitumen Missing	736121.41	1392181.73	22/04/2023	11:24:19	No Additional Comment
11.296	FJ-BM718	Field Joint - Bitumen Missing	736118.64	1392192.70	22/04/2023	11:24:53	No Additional Comment
11.320	FJ-BM719	Field Joint - Bitumen Missing	736112.88	1392216.10	22/04/2023	12:40:29	No Additional Comment
11.370	FJ-BM720	Field Joint - Bitumen Missing	736100.19	1392263.75	22/04/2023	12:43:22	No Additional Comment
11.382	FJ-BM721	Field Joint - Bitumen Missing	736097.46	1392275.50	22/04/2023	12:44:01	No Additional Comment
11.418	FJ-BM722	Field Joint - Bitumen Missing	736087.94	1392310.30	22/04/2023	12:45:54	No Additional Comment
11.430	FJ-BM723	Field Joint - Bitumen Missing	736085.18	1392322.45	22/04/2023	12:46:38	No Additional Comment
11.442	FJ-BM724	Field Joint - Bitumen Missing	736081.87	1392333.90	22/04/2023	12:47:23	No Additional Comment
11.454	FJ-BM725	Field Joint - Bitumen Missing	736078.70	1392345.69	22/04/2023	12:48:15	No Additional Comment
11.517	FJ-BM726	Field Joint - Bitumen Missing	736062.44	1392406.05	22/04/2023	12:52:34	No Additional Comment
11.529	FJ-BM727	Field Joint - Bitumen Missing	736059.46	1392417.70	22/04/2023	12:53:15	No Additional Comment
11.541	FJ-BM728	Field Joint - Bitumen Missing	736057.60	1392430.30	22/04/2023	12:55:32	No Additional Comment
11.554	FJ-BM729	Field Joint - Bitumen Missing	736053.18	1392442.31	22/04/2023	12:57:47	No Additional Comment
11.566	FJ-BM730	Field Joint - Bitumen Missing	736049.70	1392454.12	22/04/2023	12:58:36	No Additional Comment
11.579	FJ-BM731	Field Joint - Bitumen Missing	736046.62	1392466.12	22/04/2023	12:59:25	No Additional Comment
11.591	FJ-BM732	Field Joint - Bitumen Missing	736043.24	1392477.82	22/04/2023	13:00:10	No Additional Comment
11.616	FJ-BM733	Field Joint - Bitumen Missing	736036.95	1392501.89	22/04/2023	13:01:49	No Additional Comment
11.628	FJ-BM734	Field Joint - Bitumen Missing	736034.01	1392513.68	22/04/2023	13:02:31	No Additional Comment
11.641	FJ-BM735	Field Joint - Bitumen Missing	736030.71	1392525.86	22/04/2023	13:03:16	No Additional Comment
11.652	FJ-BM736	Field Joint - Bitumen Missing	736027.97	1392536.68	22/04/2023	13:04:01	No Additional Comment
11.664	FJ-BM737	Field Joint - Bitumen Missing	736024.76	1392548.90	22/04/2023	13:04:49	No Additional Comment
11.677	FJ-BM738	Field Joint - Bitumen Missing	736021.45	1392560.55	22/04/2023	13:05:39	No Additional Comment
11.689	FJ-BM739	Field Joint - Bitumen Missing	736018.03	1392572.70	22/04/2023	13:06:24	No Additional Comment
11.702	FJ-BM740	Field Joint - Bitumen Missing	736015.27	1392584.80	22/04/2023	13:07:12	No Additional Comment
11.714	FJ-BM741	Field Joint - Bitumen Missing	736012.03	1392596.52	22/04/2023	13:07:57	No Additional Comment
11.727	FJ-BM742	Field Joint - Bitumen Missing	736009.13	1392609.59	22/04/2023	13:08:46	No Additional Comment
11.739	FJ-BM743	Field Joint - Bitumen Missing	736005.78	1392621.06	22/04/2023	13:09:32	No Additional Comment
11.752	FJ-BM744	Field Joint - Bitumen Missing	736002.36	1392633.25	22/04/2023	13:10:13	No Additional Comment
11.765	FJ-BM745	Field Joint - Bitumen Missing	735998.66	1392646.12	22/04/2023	13:11:04	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
11.778	FJ-BM746	Field Joint - Bitumen Missing	735995.65	1392658.52	22/04/2023	13:11:46	No Additional Comment
11.789	FJ-BM747	Field Joint - Bitumen Missing	735992.69	1392669.19	22/04/2023	13:12:28	No Additional Comment
11.814	FJ-BM748	Field Joint - Bitumen Missing	735986.66	1392693.08	22/04/2023	13:14:01	No Additional Comment
11.825	FJ-BM749	Field Joint - Bitumen Missing	735984.14	1392704.57	22/04/2023	13:14:50	No Additional Comment
11.837	FJ-BM750	Field Joint - Bitumen Missing	735980.40	1392716.07	22/04/2023	13:15:35	No Additional Comment
11.850	FJ-BM751	Field Joint - Bitumen Missing	735977.69	1392728.07	22/04/2023	13:16:22	No Additional Comment
11.862	FJ-BM752	Field Joint - Bitumen Missing	735974.82	1392739.83	22/04/2023	13:16:59	No Additional Comment
11.887	FJ-BM753	Field Joint - Bitumen Missing	735969.67	1392764.22	22/04/2023	13:18:21	No Additional Comment
11.900	FJ-BM754	Field Joint - Bitumen Missing	735965.09	1392776.55	22/04/2023	13:19:02	No Additional Comment
11.911	FJ-BM755	Field Joint - Bitumen Missing	735961.16	1392787.52	22/04/2023	13:19:46	No Additional Comment
11.924	FJ-BM756	Field Joint - Bitumen Missing	735958.40	1392799.37	22/04/2023	13:20:29	No Additional Comment
11.937	FJ-BM757	Field Joint - Bitumen Missing	735955.30	1392812.14	22/04/2023	13:21:17	No Additional Comment
11.948	FJ-BM758	Field Joint - Bitumen Missing	735952.46	1392823.00	22/04/2023	13:21:55	No Additional Comment
11.961	FJ-BM759	Field Joint - Bitumen Missing	735949.27	1392835.69	22/04/2023	13:22:45	No Additional Comment
11.967	FJ-BM760	Field Joint - Bitumen Missing	735947.88	1392841.52	22/04/2023	13:23:08	No Additional Comment
11.974	FJ-BM761	Field Joint - Bitumen Missing	735946.03	1392847.81	22/04/2023	13:23:36	No Additional Comment
11.986	FJ-BM762	Field Joint - Bitumen Missing	735943.09	1392859.69	22/04/2023	13:24:17	No Additional Comment
11.998	FJ-BM763	Field Joint - Bitumen Missing	735939.67	1392871.41	22/04/2023	13:25:22	No Additional Comment
12.010	FJ-BM764	Field Joint - Bitumen Missing	735936.96	1392882.85	22/04/2023	13:26:20	No Additional Comment
12.022	FJ-BM765	Field Joint - Bitumen Missing	735933.20	1392894.92	22/04/2023	13:27:45	No Additional Comment
12.035	FJ-BM766	Field Joint - Bitumen Missing	735930.99	1392907.58	22/04/2023	13:28:24	No Additional Comment
12.049	FJ-BM767	Field Joint - Bitumen Missing	735928.58	1392920.96	22/04/2023	13:29:05	No Additional Comment
12.074	FJ-BM768	Field Joint - Bitumen Missing	735921.07	1392945.01	22/04/2023	13:30:37	No Additional Comment
12.085	FJ-BM769	Field Joint - Bitumen Missing	735918.01	1392955.75	22/04/2023	13:31:12	No Additional Comment
12.110	FJ-BM770	Field Joint - Bitumen Missing	735912.03	1392980.42	22/04/2023	13:33:32	No Additional Comment
12.123	FJ-BM771	Field Joint - Bitumen Missing	735908.39	1392991.98	22/04/2023	13:34:15	No Additional Comment
12.134	FJ-BM772	Field Joint - Bitumen Missing	735905.70	1393003.27	22/04/2023	13:35:06	No Additional Comment
12.147	FJ-BM773	Field Joint - Bitumen Missing	735902.22	1393016.06	22/04/2023	13:35:52	No Additional Comment
12.159	FJ-BM774	Field Joint - Bitumen Missing	735899.36	1393027.54	22/04/2023	13:36:34	No Additional Comment
12.172	FJ-BM775	Field Joint - Bitumen Missing	735896.33	1393039.49	22/04/2023	13:37:16	No Additional Comment
12.185	FJ-BM776	Field Joint - Bitumen Missing	735892.62	1393052.45	22/04/2023	13:38:06	No Additional Comment
12.197	FJ-BM777	Field Joint - Bitumen Missing	735889.77	1393063.97	22/04/2023	13:39:03	No Additional Comment
12.215	FJ-BM778	Field Joint - Bitumen Missing	735885.29	1393081.40	22/04/2023	13:40:50	No Additional Comment
12.234	FJ-BM779	Field Joint - Bitumen Missing	735880.04	1393099.51	22/04/2023	13:44:46	No Additional Comment
12.284	FJ-BM780	Field Joint - Bitumen Missing	735867.85	1393147.74	22/04/2023	13:47:54	No Additional Comment
12.308	FJ-BM781	Field Joint - Bitumen Missing	735861.74	1393171.16	22/04/2023	13:49:21	No Additional Comment
12.320	FJ-BM782	Field Joint - Bitumen Missing	735858.29	1393182.83	22/04/2023	13:50:09	No Additional Comment
12.333	FJ-BM783	Field Joint - Bitumen Missing	735855.60	1393196.13	22/04/2023	13:51:21	No Additional Comment
12.347	FJ-BM784	Field Joint - Bitumen Missing	735852.57	1393209.23	22/04/2023	13:52:10	No Additional Comment
12.359	FJ-BM785	Field Joint - Bitumen Missing	735848.52	1393220.36	22/04/2023	13:53:27	No Additional Comment
12.419	FJ-BM786	Field Joint - Bitumen Missing	735833.78	1393278.93	23/04/2023	11:45:38	No Additional Comment
12.431	FJ-BM787	Field Joint - Bitumen Missing	735831.18	1393290.70	23/04/2023	11:46:37	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
12.443	FJ-BM788	Field Joint - Bitumen Missing	735828.63	1393301.83	23/04/2023	11:47:13	No Additional Comment
12.456	FJ-BM789	Field Joint - Bitumen Missing	735824.60	1393314.35	23/04/2023	11:47:47	No Additional Comment
12.481	FJ-BM790	Field Joint - Bitumen Missing	735818.66	1393339.27	23/04/2023	11:48:59	No Additional Comment
12.506	FJ-BM791	Field Joint - Bitumen Missing	735811.71	1393363.17	23/04/2023	11:50:17	No Additional Comment
12.518	FJ-BM792	Field Joint - Bitumen Missing	735809.44	1393374.60	23/04/2023	11:50:48	No Additional Comment
12.530	FJ-BM793	Field Joint - Bitumen Missing	735805.93	1393386.31	23/04/2023	11:51:23	No Additional Comment
12.545	FJ-BM794	Field Joint - Bitumen Missing	735802.32	1393400.42	23/04/2023	11:52:06	No Additional Comment
12.555	FJ-BM795	Field Joint - Bitumen Missing	735799.46	1393410.25	23/04/2023	11:52:44	No Additional Comment
12.617	FJ-BM796	Field Joint - Bitumen Missing	735783.81	1393470.26	23/04/2023	12:03:43	No Additional Comment
12.728	FJ-BM797	Field Joint - Bitumen Missing	735756.13	1393577.72	23/04/2023	12:08:25	No Additional Comment
12.878	FJ-BM798	Field Joint - Bitumen Missing	735717.89	1393722.89	23/04/2023	12:15:15	No Additional Comment
12.951	FJ-BM799	Field Joint - Bitumen Missing	735698.86	1393793.33	23/04/2023	12:18:32	No Additional Comment
12.963	FJ-BM800	Field Joint - Bitumen Missing	735695.69	1393805.00	23/04/2023	12:19:04	No Additional Comment
12.976	FJ-BM801	Field Joint - Bitumen Missing	735692.33	1393817.23	23/04/2023	12:19:38	No Additional Comment
13.038	FJ-BM802	Field Joint - Bitumen Missing	735676.44	1393877.52	23/04/2023	12:22:43	No Additional Comment
13.088	FJ-BM803	Field Joint - Bitumen Missing	735665.13	1393926.12	23/04/2023	12:24:47	No Additional Comment
13.110	FJ-BM804	Field Joint - Bitumen Missing	735656.04	1393946.96	23/04/2023	12:25:54	No Additional Comment
13.146	FJ-BM805	Field Joint - Bitumen Missing	735648.15	1393982.16	23/04/2023	12:27:47	No Additional Comment
13.185	FJ-BM806	Field Joint - Bitumen Missing	735638.61	1394019.88	23/04/2023	12:29:24	No Additional Comment
13.222	FJ-BM807	Field Joint - Bitumen Missing	735629.50	1394055.78	23/04/2023	12:32:16	No Additional Comment
13.234	FJ-BM808	Field Joint - Bitumen Missing	735626.43	1394067.32	23/04/2023	12:32:50	No Additional Comment
13.247	FJ-BM809	Field Joint - Bitumen Missing	735623.28	1394079.35	23/04/2023	12:33:22	No Additional Comment
13.259	FJ-BM810	Field Joint - Bitumen Missing	735619.76	1394090.96	23/04/2023	12:33:53	No Additional Comment
13.271	FJ-BM811	Field Joint - Bitumen Missing	735617.07	1394102.40	23/04/2023	12:34:29	No Additional Comment
13.283	FJ-BM812	Field Joint - Bitumen Missing	735613.72	1394114.58	23/04/2023	12:35:10	No Additional Comment
13.296	FJ-BM813	Field Joint - Bitumen Missing	735611.03	1394127.04	23/04/2023	12:35:51	No Additional Comment
13.308	FJ-BM814	Field Joint - Bitumen Missing	735607.63	1394138.86	23/04/2023	12:36:29	No Additional Comment
13.357	FJ-BM815	Field Joint - Bitumen Missing	735594.87	1394186.39	23/04/2023	12:38:47	No Additional Comment
13.407	FJ-BM816	Field Joint - Bitumen Missing	735582.35	1394234.78	23/04/2023	12:41:01	No Additional Comment
13.420	FJ-BM817	Field Joint - Bitumen Missing	735579.26	1394247.31	23/04/2023	12:41:39	No Additional Comment
13.432	FJ-BM818	Field Joint - Bitumen Missing	735576.22	1394258.66	23/04/2023	12:42:10	No Additional Comment
13.458	FJ-BM819	Field Joint - Bitumen Missing	735569.83	1394283.35	23/04/2023	12:43:14	No Additional Comment
13.471	FJ-BM820	Field Joint - Bitumen Missing	735566.39	1394296.44	23/04/2023	12:43:56	No Additional Comment
13.482	FJ-BM821	Field Joint - Bitumen Missing	735563.56	1394306.61	23/04/2023	12:44:29	No Additional Comment
13.532	FJ-BM822	Field Joint - Bitumen Missing	735550.04	1394354.70	23/04/2023	12:46:39	No Additional Comment
13.544	FJ-BM823	Field Joint - Bitumen Missing	735547.01	1394367.04	23/04/2023	12:47:13	No Additional Comment
13.557	FJ-BM824	Field Joint - Bitumen Missing	735543.71	1394378.90	23/04/2023	12:47:47	No Additional Comment
13.581	FJ-BM825	Field Joint - Bitumen Missing	735537.37	1394402.35	23/04/2023	12:48:54	No Additional Comment
13.594	FJ-BM826	Field Joint - Bitumen Missing	735534.45	1394415.41	23/04/2023	12:49:28	No Additional Comment
13.667	FJ-BM827	Field Joint - Bitumen Missing	735516.49	1394486.15	23/04/2023	12:55:31	No Additional Comment
13.674	FJ-BM828	Field Joint - Bitumen Missing	735514.77	1394492.39	23/04/2023	12:55:57	No Additional Comment
13.704	FJ-BM829	Field Joint - Bitumen Missing	735507.13	1394521.89	23/04/2023	12:57:31	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
13.718	FJ-BM830	Field Joint - Bitumen Missing	735503.48	1394534.98	23/04/2023	12:58:12	No Additional Comment
13.755	FJ-BM831	Field Joint - Bitumen Missing	735494.51	1394571.14	23/04/2023	13:19:14	No Additional Comment
13.793	FJ-BM832	Field Joint - Bitumen Missing	735483.79	1394607.37	23/04/2023	13:21:22	No Additional Comment
13.818	FJ-BM833	Field Joint - Bitumen Missing	735477.81	1394631.49	23/04/2023	13:22:44	No Additional Comment
13.829	FJ-BM834	Field Joint - Bitumen Missing	735474.93	1394642.41	23/04/2023	13:23:18	No Additional Comment
13.855	FJ-BM835	Field Joint - Bitumen Missing	735467.88	1394667.52	23/04/2023	13:24:38	No Additional Comment
13.867	FJ-BM836	Field Joint - Bitumen Missing	735465.33	1394679.71	23/04/2023	13:25:23	No Additional Comment
13.880	FJ-BM837	Field Joint - Bitumen Missing	735462.12	1394692.01	23/04/2023	13:26:08	No Additional Comment
13.892	FJ-BM838	Field Joint - Bitumen Missing	735458.96	1394703.39	23/04/2023	13:26:45	No Additional Comment
13.941	FJ-BM839	Field Joint - Bitumen Missing	735446.78	1394751.26	23/04/2023	13:29:14	No Additional Comment
13.966	FJ-BM840	Field Joint - Bitumen Missing	735440.56	1394774.81	23/04/2023	13:30:33	No Additional Comment
14.116	FJ-BM841	Field Joint - Bitumen Missing	735402.21	1394919.95	23/04/2023	13:38:21	No Additional Comment
14.151	FJ-BM842	Field Joint - Bitumen Missing	735393.20	1394953.54	23/04/2023	13:40:08	No Additional Comment
14.164	FJ-BM843	Field Joint - Bitumen Missing	735389.47	1394966.60	23/04/2023	13:40:49	No Additional Comment
14.176	FJ-BM844	Field Joint - Bitumen Missing	735386.65	1394978.24	23/04/2023	13:41:31	No Additional Comment
14.188	FJ-BM845	Field Joint - Bitumen Missing	735383.57	1394989.56	23/04/2023	13:42:15	No Additional Comment
14.200	FJ-BM846	Field Joint - Bitumen Missing	735380.59	1395001.47	23/04/2023	13:42:53	No Additional Comment
14.213	FJ-BM847	Field Joint - Bitumen Missing	735377.22	1395013.98	23/04/2023	13:43:42	No Additional Comment
14.225	FJ-BM848	Field Joint - Bitumen Missing	735374.19	1395025.65	23/04/2023	13:44:24	No Additional Comment
14.263	FJ-BM849	Field Joint - Bitumen Missing	735364.35	1395062.25	23/04/2023	13:46:18	No Additional Comment
14.288	FJ-BM850	Field Joint - Bitumen Missing	735358.19	1395086.05	23/04/2023	13:47:38	No Additional Comment
14.350	FJ-BM851	Field Joint - Bitumen Missing	735342.19	1395145.97	23/04/2023	13:58:53	No Additional Comment
14.374	FJ-BM852	Field Joint - Bitumen Missing	735336.09	1395169.47	23/04/2023	14:00:04	No Additional Comment
14.425	FJ-BM853	Field Joint - Bitumen Missing	735321.76	1395218.33	23/04/2023	14:02:27	No Additional Comment
14.448	FJ-BM854	Field Joint - Bitumen Missing	735317.88	1395241.10	23/04/2023	14:03:38	No Additional Comment
14.461	FJ-BM855	Field Joint - Bitumen Missing	735315.04	1395254.40	23/04/2023	14:04:17	No Additional Comment
14.474	FJ-BM856	Field Joint - Bitumen Missing	735311.55	1395265.97	23/04/2023	14:05:00	No Additional Comment
14.485	FJ-BM857	Field Joint - Bitumen Missing	735308.22	1395276.45	23/04/2023	14:05:43	No Additional Comment
14.509	FJ-BM858	Field Joint - Bitumen Missing	735302.09	1395300.60	23/04/2023	14:07:10	No Additional Comment
14.522	FJ-BM859	Field Joint - Bitumen Missing	735299.09	1395312.65	23/04/2023	14:07:47	No Additional Comment
14.534	FJ-BM860	Field Joint - Bitumen Missing	735295.91	1395324.48	23/04/2023	14:08:28	No Additional Comment
14.546	FJ-BM861	Field Joint - Bitumen Missing	735292.64	1395335.80	23/04/2023	14:09:08	No Additional Comment
14.558	FJ-BM862	Field Joint - Bitumen Missing	735289.58	1395347.99	23/04/2023	14:09:52	No Additional Comment
14.595	FJ-BM863	Field Joint - Bitumen Missing	735279.28	1395383.39	23/04/2023	14:12:00	No Additional Comment
14.608	FJ-BM864	Field Joint - Bitumen Missing	735276.40	1395395.63	23/04/2023	14:12:46	No Additional Comment
14.620	FJ-BM865	Field Joint - Bitumen Missing	735273.69	1395407.57	23/04/2023	14:13:22	No Additional Comment
14.633	FJ-BM866	Field Joint - Bitumen Missing	735270.27	1395420.06	23/04/2023	14:14:03	No Additional Comment
14.657	FJ-BM867	Field Joint - Bitumen Missing	735264.08	1395443.57	23/04/2023	14:15:10	No Additional Comment
14.682	FJ-BM868	Field Joint - Bitumen Missing	735257.80	1395467.58	23/04/2023	14:16:24	No Additional Comment
14.733	FJ-BM869	Field Joint - Bitumen Missing	735244.95	1395517.00	23/04/2023	14:18:54	No Additional Comment
14.744	FJ-BM870	Field Joint - Bitumen Missing	735242.53	1395527.72	23/04/2023	14:19:22	No Additional Comment
14.757	FJ-BM871	Field Joint - Bitumen Missing	735238.89	1395539.77	23/04/2023	14:19:59	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
14.783	FJ-BM872	Field Joint - Bitumen Missing	735232.47	1395565.00	23/04/2023	14:21:17	No Additional Comment
14.833	FJ-BM873	Field Joint - Bitumen Missing	735218.38	1395613.60	23/04/2023	14:26:10	No Additional Comment
14.847	FJ-BM874	Field Joint - Bitumen Missing	735216.33	1395626.68	23/04/2023	14:26:39	No Additional Comment
14.858	FJ-BM875	Field Joint - Bitumen Missing	735212.42	1395637.88	23/04/2023	14:27:15	No Additional Comment
14.897	FJ-BM876	Field Joint - Bitumen Missing	735203.22	1395675.29	23/04/2023	14:28:52	No Additional Comment
14.922	FJ-BM877	Field Joint - Bitumen Missing	735196.95	1395699.67	23/04/2023	14:30:00	No Additional Comment
15.101	FJ-BM878	Field Joint - Bitumen Missing	735151.58	1395872.80	23/04/2023	14:38:42	No Additional Comment
15.294	FJ-BM879	Field Joint - Bitumen Missing	735102.65	1396058.83	23/04/2023	15:34:06	No Additional Comment
15.331	FJ-BM880	Field Joint - Bitumen Missing	735091.64	1396094.36	23/04/2023	15:36:31	No Additional Comment
15.343	FJ-BM881	Field Joint - Bitumen Missing	735089.45	1396106.37	24/04/2023	08:30:45	No Additional Comment
15.355	FJ-BM882	Field Joint - Bitumen Missing	735086.29	1396118.46	24/04/2023	08:31:33	No Additional Comment
15.368	FJ-BM883	Field Joint - Bitumen Missing	735083.27	1396130.72	24/04/2023	08:32:18	No Additional Comment
15.381	FJ-BM884	Field Joint - Bitumen Missing	735079.42	1396143.29	24/04/2023	08:33:05	No Additional Comment
15.393	FJ-BM885	Field Joint - Bitumen Missing	735076.79	1396155.42	24/04/2023	08:33:53	No Additional Comment
15.407	FJ-BM886	Field Joint - Bitumen Missing	735073.28	1396168.21	24/04/2023	08:34:39	No Additional Comment
15.419	FJ-BM887	Field Joint - Bitumen Missing	735070.44	1396179.63	24/04/2023	08:35:36	No Additional Comment
15.431	FJ-BM888	Field Joint - Bitumen Missing	735067.52	1396191.82	24/04/2023	08:36:27	No Additional Comment
15.533	FJ-BM889	Field Joint - Bitumen Missing	735041.17	1396290.51	24/04/2023	08:41:38	No Additional Comment
15.598	FJ-BM890	Field Joint - Bitumen Missing	735025.14	1396352.87	24/04/2023	08:44:54	No Additional Comment
15.737	FJ-BM891	Field Joint - Bitumen Missing	734989.52	1396487.66	24/04/2023	08:55:20	No Additional Comment
15.762	FJ-BM892	Field Joint - Bitumen Missing	734983.14	1396511.74	24/04/2023	08:57:09	No Additional Comment
15.775	FJ-BM893	Field Joint - Bitumen Missing	734979.64	1396524.18	24/04/2023	08:57:54	No Additional Comment
15.788	FJ-BM894	Field Joint - Bitumen Missing	734976.12	1396536.72	24/04/2023	08:58:49	No Additional Comment
15.801	FJ-BM895	Field Joint - Bitumen Missing	734973.23	1396549.20	24/04/2023	08:59:36	No Additional Comment
15.839	FJ-BM896	Field Joint - Bitumen Missing	734963.34	1396586.32	24/04/2023	09:02:25	No Additional Comment
15.852	FJ-BM897	Field Joint - Bitumen Missing	734960.04	1396598.42	24/04/2023	09:03:27	No Additional Comment
15.870	FJ-BM898	Field Joint - Bitumen Missing	734955.83	1396615.95	24/04/2023	09:04:46	No Additional Comment
15.877	FJ-BM899	Field Joint - Bitumen Missing	734953.79	1396623.06	24/04/2023	09:05:22	No Additional Comment
15.903	FJ-BM900	Field Joint - Bitumen Missing	734947.42	1396647.93	24/04/2023	09:07:24	No Additional Comment
15.916	FJ-BM901	Field Joint - Bitumen Missing	734943.72	1396660.93	24/04/2023	09:08:20	No Additional Comment
15.929	FJ-BM902	Field Joint - Bitumen Missing	734941.06	1396673.01	24/04/2023	09:09:11	No Additional Comment
15.953	FJ-BM903	Field Joint - Bitumen Missing	734934.95	1396696.80	24/04/2023	09:10:53	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

Table of Fishing Debris

KP	Abbreviation	Description	East	North	Date	Time	Comments
0.049	DBF-FT01	Debris - Fish Trap	738980.76	1381315.71	13/04/2023	13:08:23	No Additional Comment
0.059	DBF-FT02	Debris - Fish Trap	738978.29	1381325.60	13/04/2023	13:10:41	Net
0.186	DBF-FG01	Debris - Fishing Gear	738950.41	1381449.31	14/04/2023	09:12:42	No Additional Comment
0.210	DBF-FG02	Debris - Fishing Gear	738942.61	1381472.55	15/04/2023	12:28:01	Net
0.271	DBF-FG03	Debris - Fishing Gear	738927.58	1381531.88	15/04/2023	12:36:58	Net
0.277	DBF-FG04	Debris - Fishing Gear	738926.54	1381537.13	15/04/2023	12:39:04	Net
0.279	DBF-FT03	Debris - Fish Trap	738925.48	1381538.73	15/04/2023	13:42:28	No Additional Comment
0.280	DBF-FT04	Debris - Fish Trap	738923.79	1381539.52	15/04/2023	13:49:10	No Additional Comment
0.283	DBF-FT05	Debris - Fish Trap	738922.80	1381542.63	15/04/2023	13:50:10	No Additional Comment
0.287	DBF-FT06	Debris - Fish Trap	738921.81	1381546.02	15/04/2023	13:51:15	No Additional Comment
0.305	DBF-FG05	Debris - Fishing Gear	738916.75	1381563.87	15/04/2023	13:54:48	No Additional Comment
0.345	DBF-FG06	Debris - Fishing Gear	738906.47	1381602.67	15/04/2023	14:00:34	No Additional Comment
0.348	DBF-FG07	Debris - Fishing Gear	738906.66	1381605.33	15/04/2023	14:03:49	No Additional Comment
0.353	DBF-FG08	Debris - Fishing Gear	738905.71	1381610.39	15/04/2023	14:05:09	No Additional Comment
0.458	DBF-FG09	Debris - Fishing Gear	738877.59	1381711.91	15/04/2023	14:18:57	No Additional Comment
0.496	DBF-FG10	Debris - Fishing Gear	738869.02	1381748.64	15/04/2023	15:23:23	No Additional Comment
0.559	DBF-FG11	Debris - Fishing Gear	738852.73	1381809.85	15/04/2023	15:30:53	No Additional Comment
0.655	DBF-FG12	Debris - Fishing Gear	738826.82	1381902.43	17/04/2023	10:18:16	Net
0.663	DBF-FG13	Debris - Fishing Gear	738824.76	1381909.84	17/04/2023	10:19:09	Net
0.672	DBF-FG14	Debris - Fishing Gear	738822.69	1381918.17	17/04/2023	10:20:33	Net
0.676	DBF-FG15	Debris - Fishing Gear	738821.71	1381922.60	17/04/2023	10:21:28	Net
0.702	DBF-FG16	Debris - Fishing Gear	738815.65	1381947.38	17/04/2023	10:23:43	No Additional Comment
0.709	DBF-FG17	Debris - Fishing Gear	738813.69	1381954.23	17/04/2023	10:24:32	No Additional Comment
0.712	DBF-FG18	Debris - Fishing Gear	738812.54	1381957.67	17/04/2023	10:25:06	No Additional Comment
0.718	DBF-FG19	Debris - Fishing Gear	738810.82	1381962.95	17/04/2023	10:25:44	No Additional Comment
0.721	DBF-FG20	Debris - Fishing Gear	738810.33	1381966.16	17/04/2023	10:26:15	No Additional Comment
0.731	DBF-FG21	Debris - Fishing Gear	738808.27	1381975.33	17/04/2023	10:28:24	No Additional Comment
0.775	DBF-FG22	Debris - Fishing Gear	738796.63	1382018.02	17/04/2023	10:31:17	No Additional Comment
0.837	DBF-FG23	Debris - Fishing Gear	738780.47	1382078.25	17/04/2023	10:37:21	No Additional Comment
1.228	DBF-FG24	Debris - Fishing Gear	738678.92	1382455.97	17/04/2023	11:41:38	No Additional Comment
1.283	DBF-FG25	Debris - Fishing Gear	738665.63	1382508.71	17/04/2023	11:46:27	No Additional Comment
1.351	DBF-FG26	Debris - Fishing Gear	738648.72	1382574.99	17/04/2023	11:51:45	No Additional Comment
1.369	DBF-FG27	Debris - Fishing Gear	738643.69	1382591.60	17/04/2023	11:53:01	No Additional Comment
1.450	DBF-FG28	Debris - Fishing Gear	738624.08	1382671.07	17/04/2023	12:01:14	No Additional Comment
1.469	DBF-FG29	Debris - Fishing Gear	738619.35	1382688.76	17/04/2023	12:02:34	No Additional Comment
1.569	DBF-FG30	Debris - Fishing Gear	738594.18	1382785.82	17/04/2023	13:58:21	No Additional Comment
1.673	DBF-FG31	Debris - Fishing Gear	738566.38	1382885.98	17/04/2023	14:41:57	No Additional Comment
2.173	DBF-FG32	Debris - Fishing Gear	738440.17	1383369.92	17/04/2023	15:59:07	No Additional Comment
2.539	DBF-FG33	Debris - Fishing Gear	738346.52	1383723.37	18/04/2023	09:37:25	No Additional Comment



## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
2.848	DBF-FG34	Debris - Fishing Gear	738268.56	1384023.22	18/04/2023	10:40:20	No Additional Comment
3.131	DBF-FG35	Debris - Fishing Gear	738195.87	1384296.12	18/04/2023	11:03:45	No Additional Comment
3.387	DBF-FG36	Debris - Fishing Gear	738130.22	1384543.20	18/04/2023	11:36:40	No Additional Comment
3.442	DBF-FG37	Debris - Fishing Gear	738115.94	1384596.61	18/04/2023	11:41:46	No Additional Comment
3.815	DBF-FG38	Debris - Fishing Gear	738023.46	1384958.00	18/04/2023	13:36:31	No Additional Comment
4.445	DBF-FG39	Debris - Fishing Gear	737864.06	1385567.93	18/04/2023	14:31:01	No Additional Comment
4.474	DBF-FG40	Debris - Fishing Gear	737856.35	1385596.10	18/04/2023	14:33:26	No Additional Comment
4.559	DBF-FG41	Debris - Fishing Gear	737833.88	1385677.24	18/04/2023	14:58:20	No Additional Comment
4.817	DBF-FG42	Debris - Fishing Gear	737767.97	1385926.91	18/04/2023	15:18:20	No Additional Comment
4.914	DBF-FT07	Debris - Fish Trap	737744.10	1386020.71	18/04/2023	15:25:09	Sitting on pipeline
5.152	DBF-FG43	Debris - Fishing Gear	737683.66	1386251.39	18/04/2023	15:43:27	No Additional Comment
5.304	DBF-FG44	Debris - Fishing Gear	737644.27	1386398.58	19/04/2023	08:16:34	No Additional Comment
6.108	DBF-FG45	Debris - Fishing Gear	737440.48	1387175.63	19/04/2023	09:40:02	No Additional Comment
6.849	DBF-FG46	Debris - Fishing Gear	737252.18	1387892.83	19/04/2023	10:59:04	Net
7.835	DBF-FG47	Debris - Fishing Gear	736999.79	1388845.41	19/04/2023	14:07:16	No Additional Comment
7.857	DBF-FG48	Debris - Fishing Gear	736994.17	1388867.24	19/04/2023	14:08:58	No Additional Comment
8.175	DBF-FG49	Debris - Fishing Gear	736911.77	1389174.21	19/04/2023	14:44:12	No Additional Comment
8.253	DBF-FG50	Debris - Fishing Gear	736893.16	1389249.31	19/04/2023	14:49:50	No Additional Comment
8.354	DBF-FG51	Debris - Fishing Gear	736867.45	1389347.57	19/04/2023	14:57:23	No Additional Comment
8.609	DBF-FG52	Debris - Fishing Gear	736801.38	1389594.29	19/04/2023	15:23:40	No Additional Comment
9.073	DBF-FG53	Debris - Fishing Gear	736683.97	1390043.07	22/04/2023	09:13:49	No Additional Comment
9.204	DBF-FG54	Debris - Fishing Gear	736651.27	1390169.74	22/04/2023	09:23:40	No Additional Comment
9.255	DBF-FG55	Debris - Fishing Gear	736638.23	1390218.47	22/04/2023	09:28:20	No Additional Comment
9.674	DBF-FG56	Debris - Fishing Gear	736532.25	1390623.70	22/04/2023	09:52:38	No Additional Comment
9.682	DBF-FG57	Debris - Fishing Gear	736530.04	1390632.11	22/04/2023	09:53:17	No Additional Comment
9.732	DBF-FG58	Debris - Fishing Gear	736517.01	1390680.06	22/04/2023	09:55:59	No Additional Comment
9.736	DBF-FG59	Debris - Fishing Gear	736516.02	1390683.70	22/04/2023	09:56:18	No Additional Comment
9.749	DBF-FG60	Debris - Fishing Gear	736512.94	1390696.32	22/04/2023	09:57:12	No Additional Comment
9.902	DBF-FG61	Debris - Fishing Gear	736473.65	1390844.35	22/04/2023	10:05:09	No Additional Comment
10.273	DBF-FG62	Debris - Fishing Gear	736379.50	1391203.89	22/04/2023	10:26:56	No Additional Comment
10.319	DBF-FG63	Debris - Fishing Gear	736367.74	1391247.42	22/04/2023	10:31:05	No Additional Comment
11.037	DBF-FG64	Debris - Fishing Gear	736184.72	1391942.05	22/04/2023	11:12:08	No Additional Comment
11.534	DBF-FT08	Debris - Fish Trap	736058.06	1392422.88	22/04/2023	12:54:41	No Additional Comment
12.062	DBF-FG65	Debris - Fishing Gear	735924.24	1392933.39	22/04/2023	13:29:55	No Additional Comment
12.095	DBF-FT09	Debris - Fish Trap	735915.33	1392965.13	22/04/2023	13:31:54	Sitting on top of pipeline
12.270	DBF-FG66	Debris - Fishing Gear	735870.71	1393134.70	22/04/2023	13:46:58	No Additional Comment
12.489	DBF-FG67	Debris - Fishing Gear	735816.30	1393347.02	23/04/2023	11:49:24	No Additional Comment
12.535	DBF-FG68	Debris - Fishing Gear	735804.77	1393390.70	23/04/2023	11:51:40	No Additional Comment
12.978	DBF-FT10	Debris - Fish Trap	735692.10	1393819.84	23/04/2023	12:20:08	No Additional Comment
14.794	DBF-FT11	Debris - Fish Trap	735229.01	1395575.96	23/04/2023	14:22:19	No Additional Comment





## Map Ta Phut 48" Subsea Crude Import Pipeline Report

Table of Metallic & Non-Metallic Debris

KP	Abbreviation	Description	East	North	Date	Time	Comments
0.049	DB-N01	Debris - Netting	738980.05	1381315.23	13/04/2023	13:06:22	No Additional Comment
0.073	DB-N02	Debris - Netting	738975.49	1381338.90	13/04/2023	14:45:23	No Additional Comment
0.078	DB-SD01	Debris - Soft Debris	738973.59	1381344.09	13/04/2023	14:47:02	No Additional Comment
0.124	DB-N03	Debris - Netting	738960.92	1381388.22	13/04/2023	15:06:24	No Additional Comment
0.137	DB-N04	Debris - Netting	738957.77	1381401.04	13/04/2023	15:09:49	No Additional Comment
0.141	DB-O01	Debris - Other	738956.87	1381404.52	13/04/2023	15:10:32	No Additional Comment
0.171	DB-N05	Debris - Netting	738949.79	1381433.57	13/04/2023	15:15:20	No Additional Comment
0.180	DB-N06	Debris - Netting	738947.57	1381442.22	13/04/2023	15:16:43	No Additional Comment
0.188	DB-P01	Debris - Pipe	738951.92	1381452.21	15/04/2023	12:22:18	No Additional Comment
0.191	DB-O02	Debris - Other	738947.86	1381454.29	15/04/2023	12:24:17	Basket
0.206	DB-O03	Debris - Other	738944.53	1381468.36	15/04/2023	12:26:52	No Additional Comment
0.246	DB-O04	Debris - Other	738933.88	1381507.14	15/04/2023	12:32:25	No Additional Comment
0.256	DB-O05	Debris - Other	738931.61	1381516.51	15/04/2023	12:34:21	No Additional Comment
0.274	DB-O06	Debris - Other	738927.05	1381533.96	15/04/2023	12:37:53	No Additional Comment
0.401	DB-SR01	Debris - Soft Rope	738892.82	1381656.77	15/04/2023	14:13:09	No Additional Comment
0.461	DB-DF01	Debris - Debris Field	738877.34	1381714.43	15/04/2023	14:20:01	No Additional Comment
0.869	DB-N07	Debris - Netting	738772.15	1382108.40	17/04/2023	10:58:41	No Additional Comment
1.256	DB-SD02	Debris - Soft Debris	738672.46	1382482.80	17/04/2023	11:44:33	No Additional Comment
1.636	DB-SD03	Debris - Soft Debris	738576.68	1382850.95	17/04/2023	14:20:42	No Additional Comment
1.649	DB-N08	Debris - Netting	738573.32	1382862.73	17/04/2023	14:22:34	No Additional Comment
1.692	DB-SR02	Debris - Soft Rope	738561.96	1382904.31	17/04/2023	14:43:19	No Additional Comment
1.704	DB-SR03	Debris - Soft Rope	738559.68	1382916.26	17/04/2023	14:44:35	No Additional Comment
2.272	DB-SR04	Debris - Soft Rope	738416.29	1383466.21	18/04/2023	08:35:25	No Additional Comment
2.393	DB-O07	Debris - Other	738384.99	1383583.29	18/04/2023	08:46:35	No Additional Comment
2.463	DB-SR05	Debris - Soft Rope	738366.31	1383650.22	18/04/2023	09:07:55	No Additional Comment
4.733	DB-SR06	Debris - Soft Rope	737789.38	1385846.08	18/04/2023	15:11:35	No Additional Comment
5.094	DB-SR07	Debris - Soft Rope	737698.27	1386194.63	18/04/2023	15:39:50	No Additional Comment
5.559	DB-SR08	Debris - Soft Rope	737579.50	1386645.18	19/04/2023	08:56:58	No Additional Comment
6.067	DB-O08	Debris - Other	737450.94	1387136.17	19/04/2023	09:37:27	Metal Rod
6.221	DB-SR09	Debris - Soft Rope	737411.87	1387284.91	19/04/2023	09:49:22	No Additional Comment
6.533	DB-O09	Debris - Other	737332.12	1387587.13	19/04/2023	10:08:16	Canvas Sheet
6.902	DB-SR10	Debris - Soft Rope	737238.39	1387943.45	19/04/2023	11:02:35	No Additional Comment
6.953	DB-SR11	Debris - Soft Rope	737225.29	1387992.86	19/04/2023	11:05:40	No Additional Comment
7.562	DB-SR12	Debris - Soft Rope	737069.62	1388582.16	19/04/2023	13:32:18	No Additional Comment
7.745	DB-SR13	Debris - Soft Rope	737022.67	1388758.52	19/04/2023	13:43:19	No Additional Comment
8.233	DB-SR14	Debris - Soft Rope	736898.80	1389230.40	19/04/2023	14:48:16	No Additional Comment
9.010	DB-HD01	Debris - Hard Debris	736699.17	1389981.19	19/04/2023	16:16:57	No Additional Comment
9.036	DB-WR01	Debris - Wire Rope	736692.68	1390006.91	19/04/2023	16:19:27	No Additional Comment
9.247	DB-WR02	Debris - Wire Rope	736640.31	1390211.61	22/04/2023	09:27:17	No Additional Comment

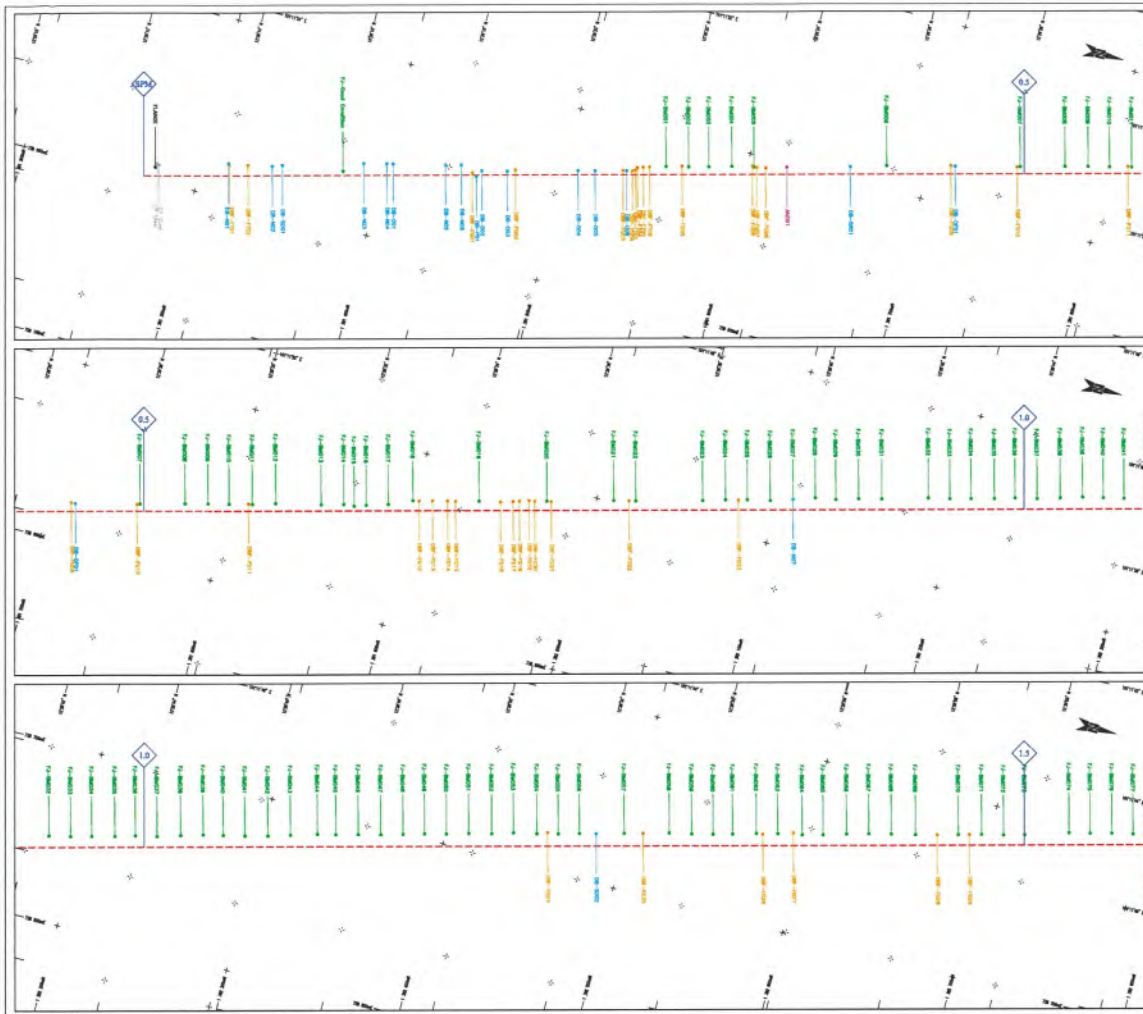


## Map Ta Phut 48" Subsea Crude Import Pipeline Report

KP	Abbreviation	Description	East	North	Date	Time	Comments
9.417	DB-SR15	Debris - Soft Rope	736596.51	1390375.85	22/04/2023	09:38:50	No Additional Comment
9.572	DB-SR16	Debris - Soft Rope	736557.15	1390525.78	22/04/2023	09:47:42	No Additional Comment
9.966	DB-SR17	Debris - Soft Rope	736457.08	1390906.71	22/04/2023	10:08:22	No Additional Comment
10.597	DB-WR03	Debris - Wire Rope	736295.86	1391516.09	22/04/2023	10:45:58	No Additional Comment
11.033	DB-WR04	Debris - Wire Rope	736185.44	1391938.39	22/04/2023	11:11:50	No Additional Comment
11.219	DB-SR18	Debris - Soft Rope	736137.96	1392118.11	22/04/2023	11:20:35	No Additional Comment
12.023	DB-SD04	Debris - Soft Debris	735932.24	1392895.66	22/04/2023	13:27:51	Hose section
12.194	DB-SR19	Debris - Soft Rope	735890.13	1393061.41	22/04/2023	13:38:46	No Additional Comment
12.348	DB-WR05	Debris - Wire Rope	735851.55	1393210.12	22/04/2023	13:52:31	No Additional Comment







**INDEX MAP**

**LEGEND**

- PIPELINE
- KILOMETER POINT
- ANCHOR
- DEBRIS FIELDING
- DEBRIS METALLIC/METALLIC
- FIELD POINT

**GEODETTIC PARAMETERS**

DATE: 10/01/2017 MAP PROJECTION: UTM ZONE 47 NORTH  
 DATUM: WGS 84 TO WGS 84  
 DATUM SHIFT: 0.000m  
 SCALE: 1:1,000

**SCALE 1:1,000**

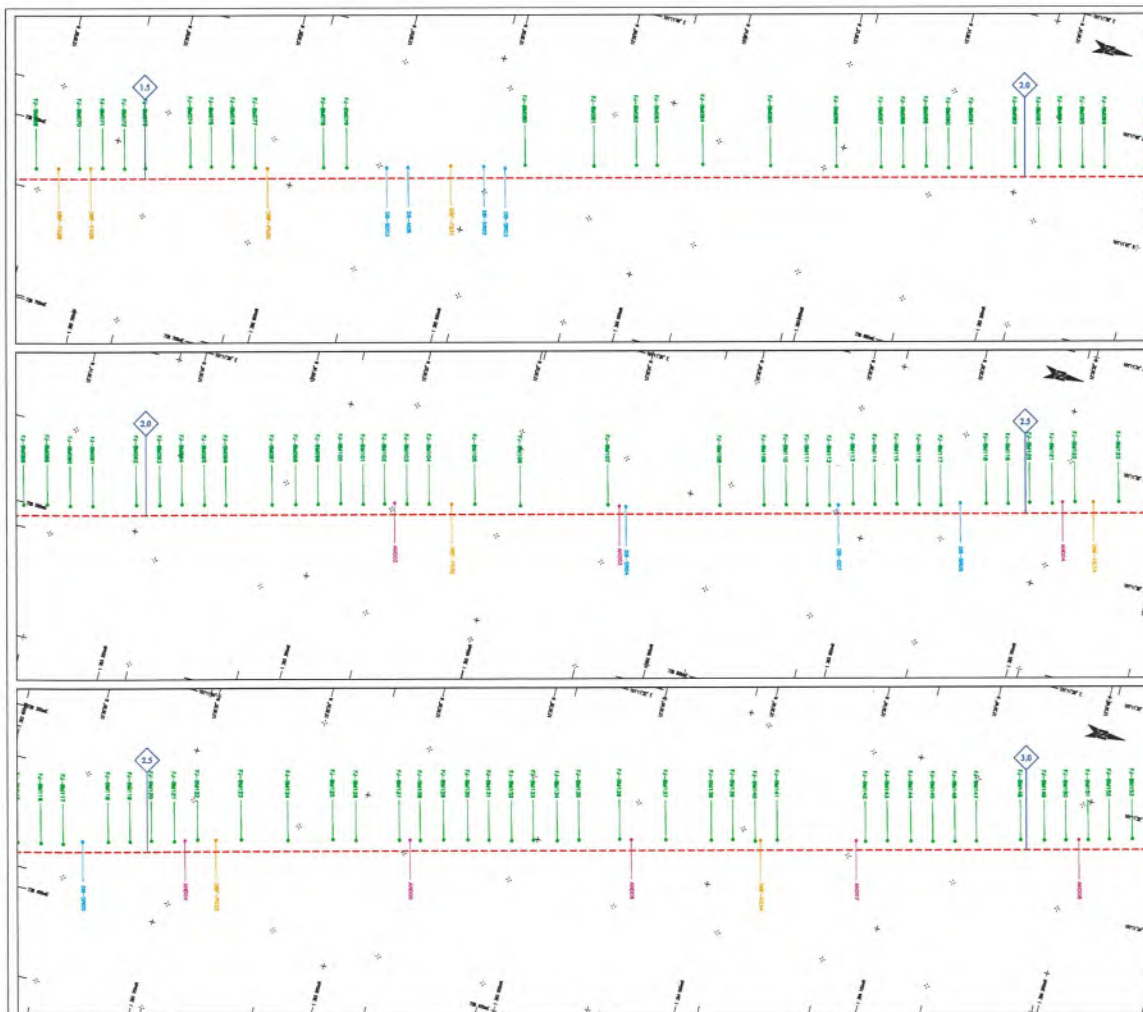
**CLIENT:**  
 Ocean Works Asia (Thailand), Co., Ltd.

**PROJECT:**  
 MAP TA PHUT  
 48° SUBSEA CRUDE IMPORT PIPELINE

**REVISIONS:**

REVISION	DATE	DESCRIPTION
1	10/01/2017	Initial Issue

**PREPARED BY:**  
 M.V.M. Surveys (Thailand) Co., Ltd.  
 SURVEYOR: TEL: 02-001-0000 FAX: 02-001-0000



**INDEX MAP**

**LEGEND**

- PIPELINE
- KILOMETER POINT
- ANCHOR
- DEBRIS FIELDING
- DEBRIS METALLIC/METALLIC
- FIELD POINT

**GEODETTIC PARAMETERS**

DATE: 10/01/2017 MAP PROJECTION: UTM ZONE 47 NORTH  
 DATUM: WGS 84 TO WGS 84  
 DATUM SHIFT: 0.000m  
 SCALE: 1:1,000

**SCALE 1:1,000**

**CLIENT:**  
 Ocean Works Asia (Thailand), Co., Ltd.

**PROJECT:**  
 MAP TA PHUT  
 48° SUBSEA CRUDE IMPORT PIPELINE

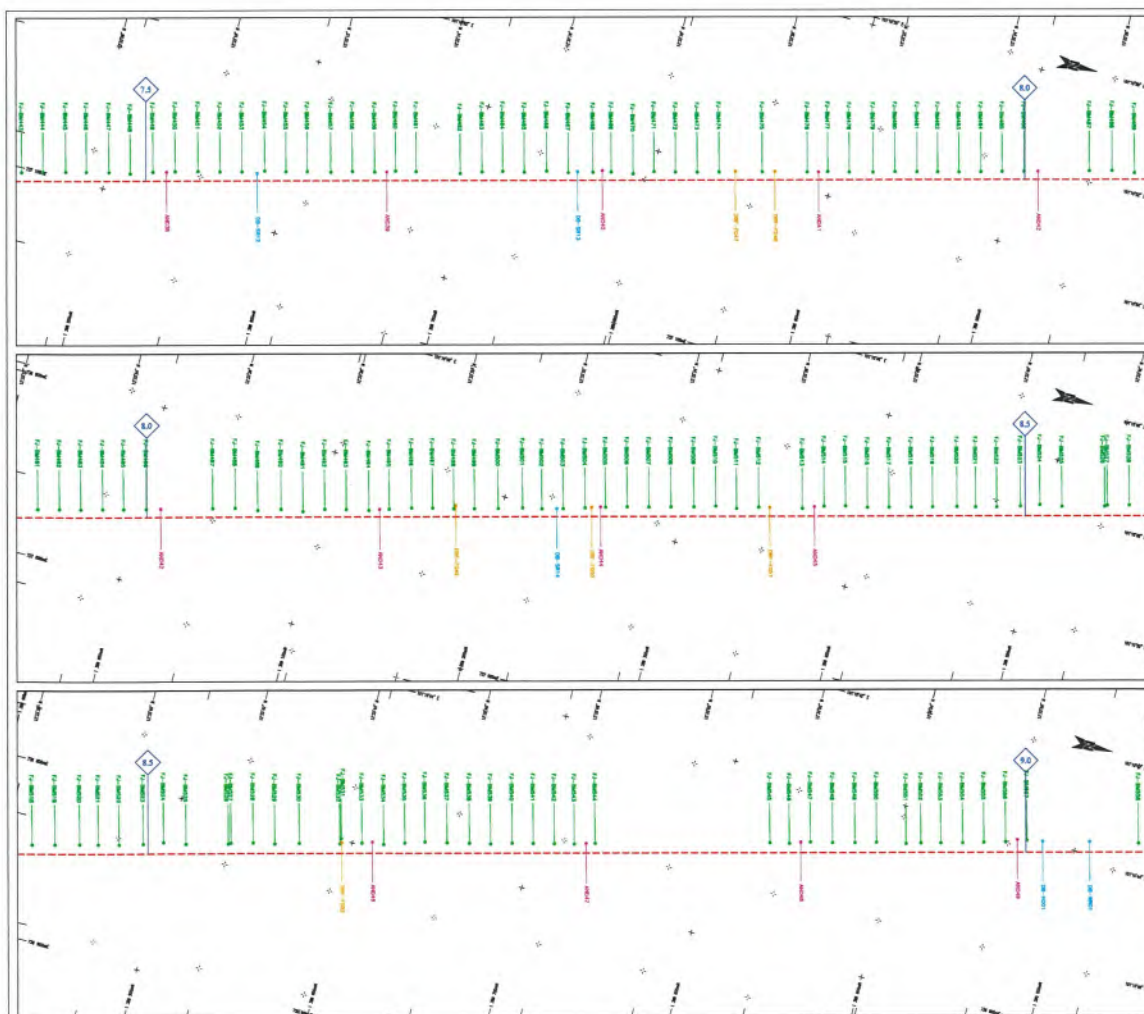
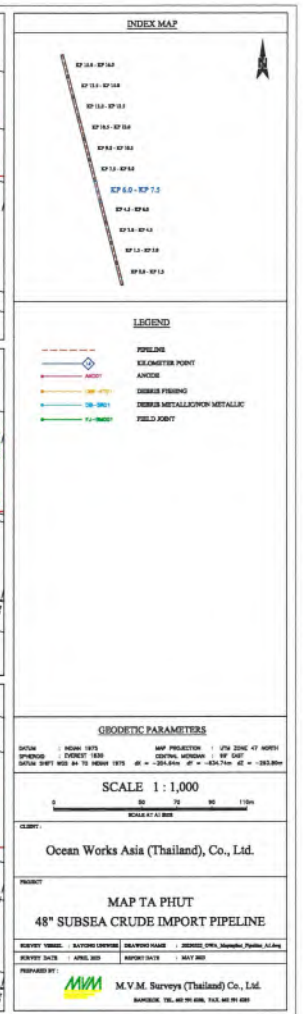
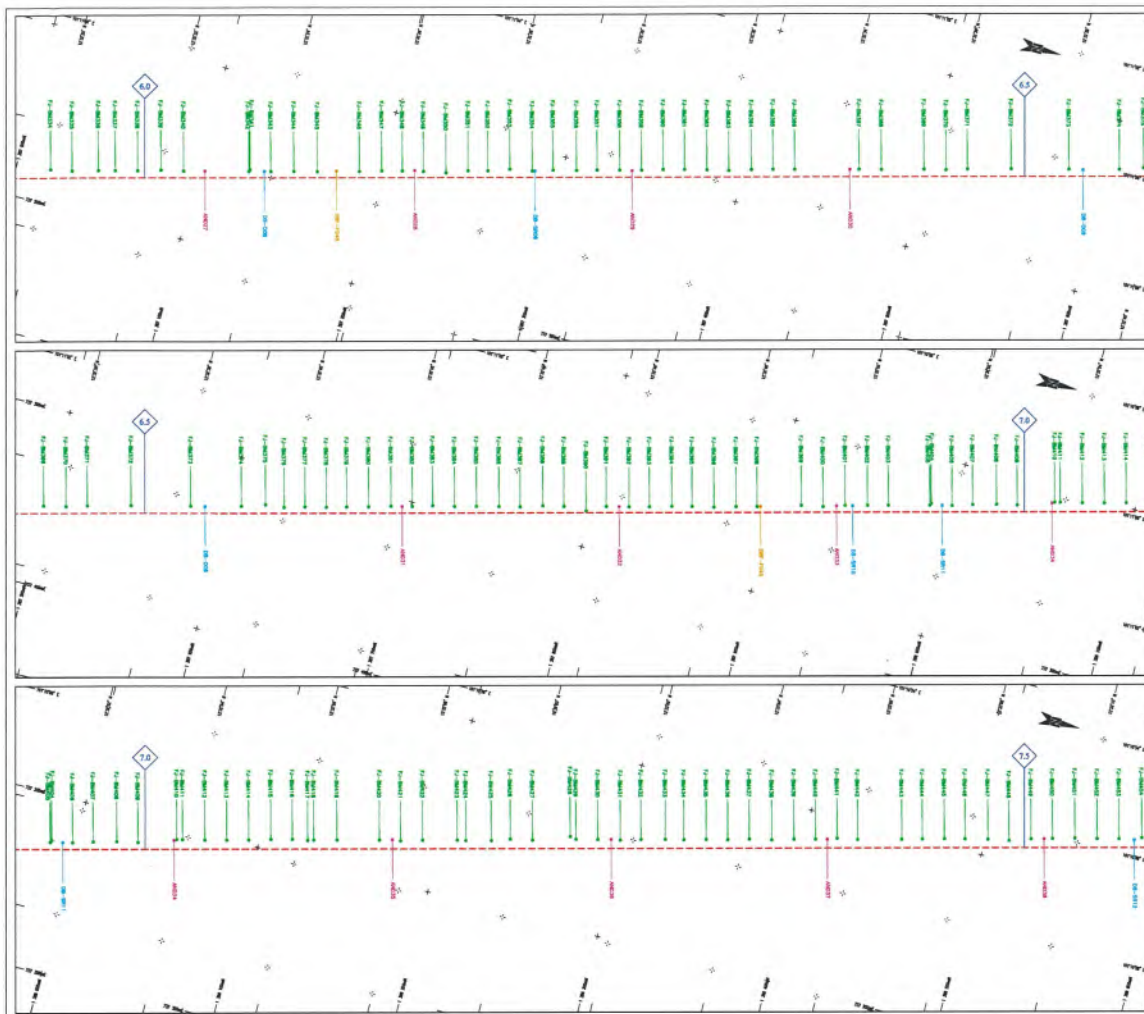
**REVISIONS:**

REVISION	DATE	DESCRIPTION
1	10/01/2017	Initial Issue

**PREPARED BY:**  
 M.V.M. Surveys (Thailand) Co., Ltd.  
 SURVEYOR: TEL: 02-001-0000 FAX: 02-001-0000



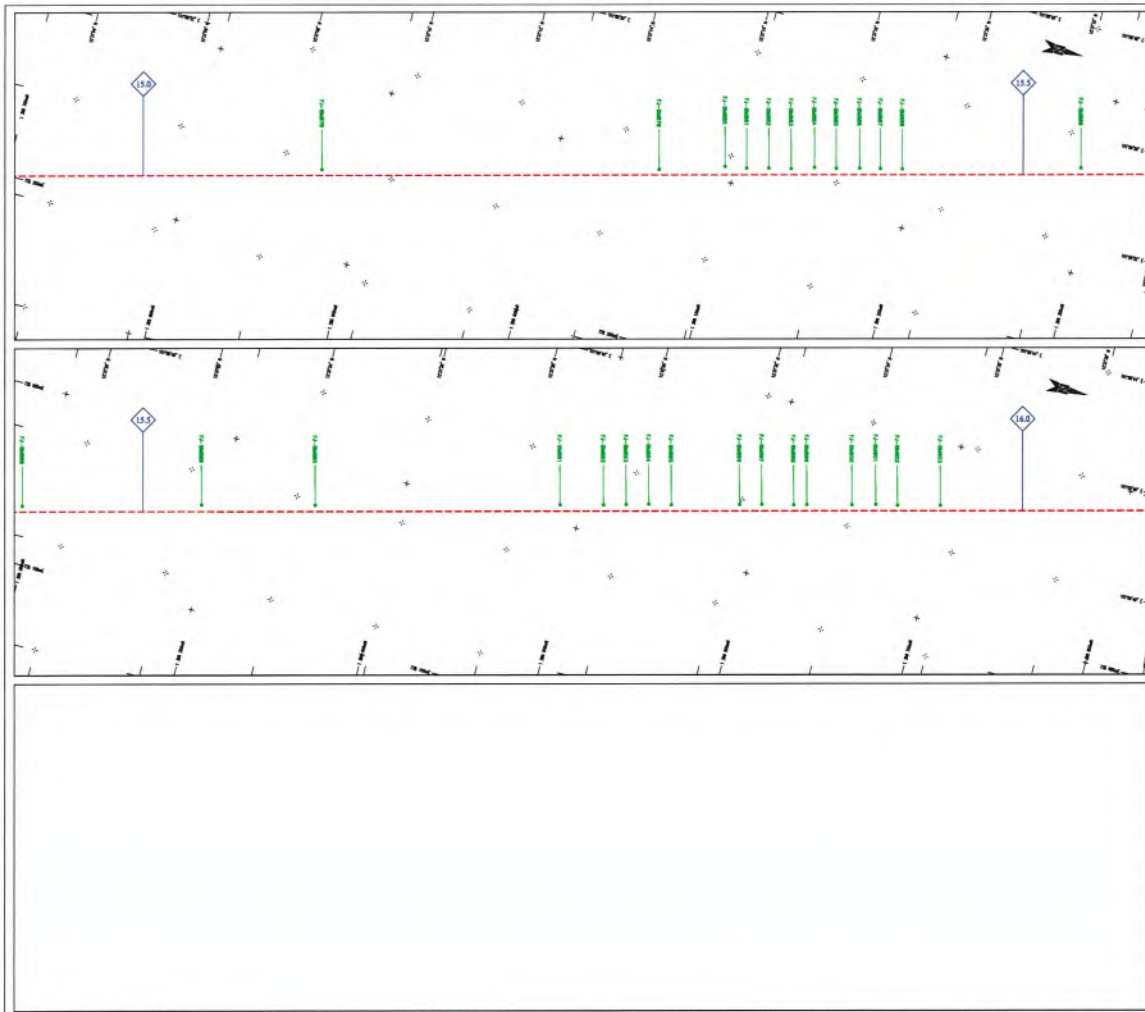












**INDEX MAP**

**LEGEND**

- PIPELINE
- CONTROL POINT
- FIELD POINT

**GEODETIC PARAMETERS**

DATUM	1988	MAP PROJECTION	UTM ZONE 47 NORTH
SPHEROID	WGS 84	CENTRAL MERIDIAN	105° 00' 00"
DATUM SHIFT	448.000	SCALE	1:1,000

SCALE 1 : 1,000

CLIENT: Ocean Works Asia (Thailand), Co., Ltd.

PROJECT: MAP TA PHUT  
48" SUBSEA CRUDE IMPORT PIPELINE

REVISION	REVISION NUMBER	REVISION DATE	REVISION DESCRIPTION
1	1	2023-06-01	Initial Issue

PREPARED BY: M.V.M. Surveys (Thailand) Co., Ltd.





STAR PETROLEUM REFINING COMPANY AND PTT GLOBAL CHEMICAL

MAP TA PHUT SPM

Ocean Works Asia (Thailand) Co., Ltd.

## Quarterly Inspection Report

OCEAN WORKS ASIA (THAILAND) Co., Ltd.

54 B.B Building 9<sup>th</sup> Floor, Room No. 3909 Sukhumvit 21 (Asoke) Klongtoey Nua, Wattana,  
Bangkok 10110 Thailand

MAP TA PHUT SPM


Quarterly Inspection Report

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Quarterly Inspection Report		




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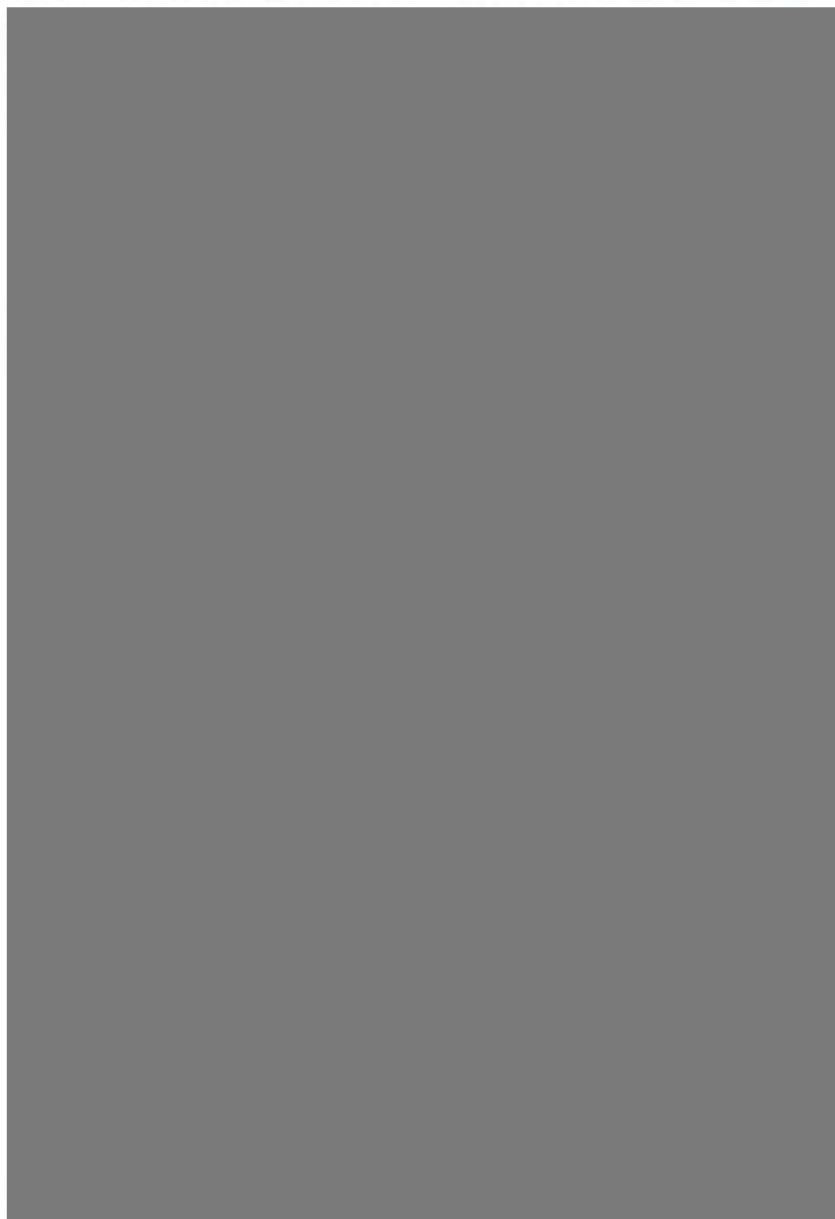



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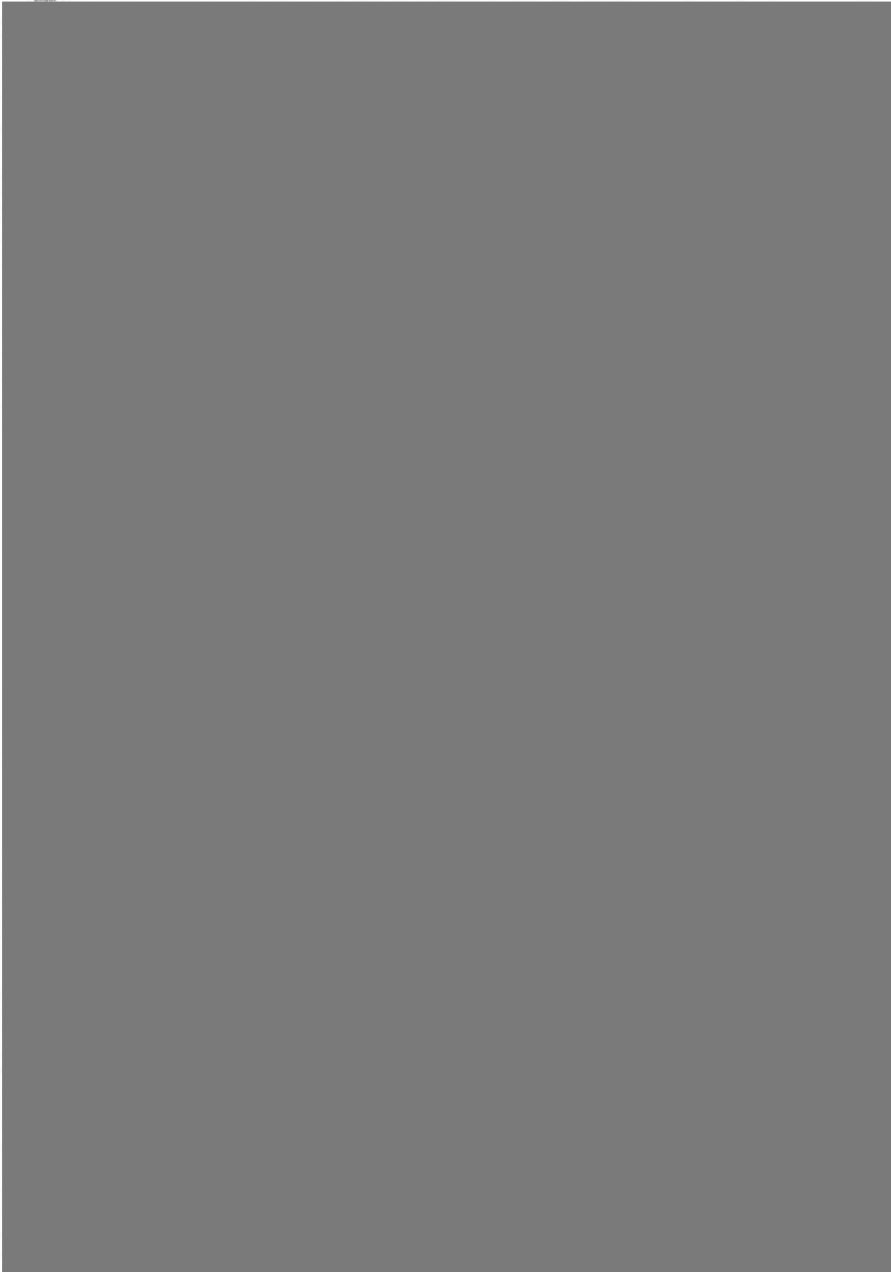
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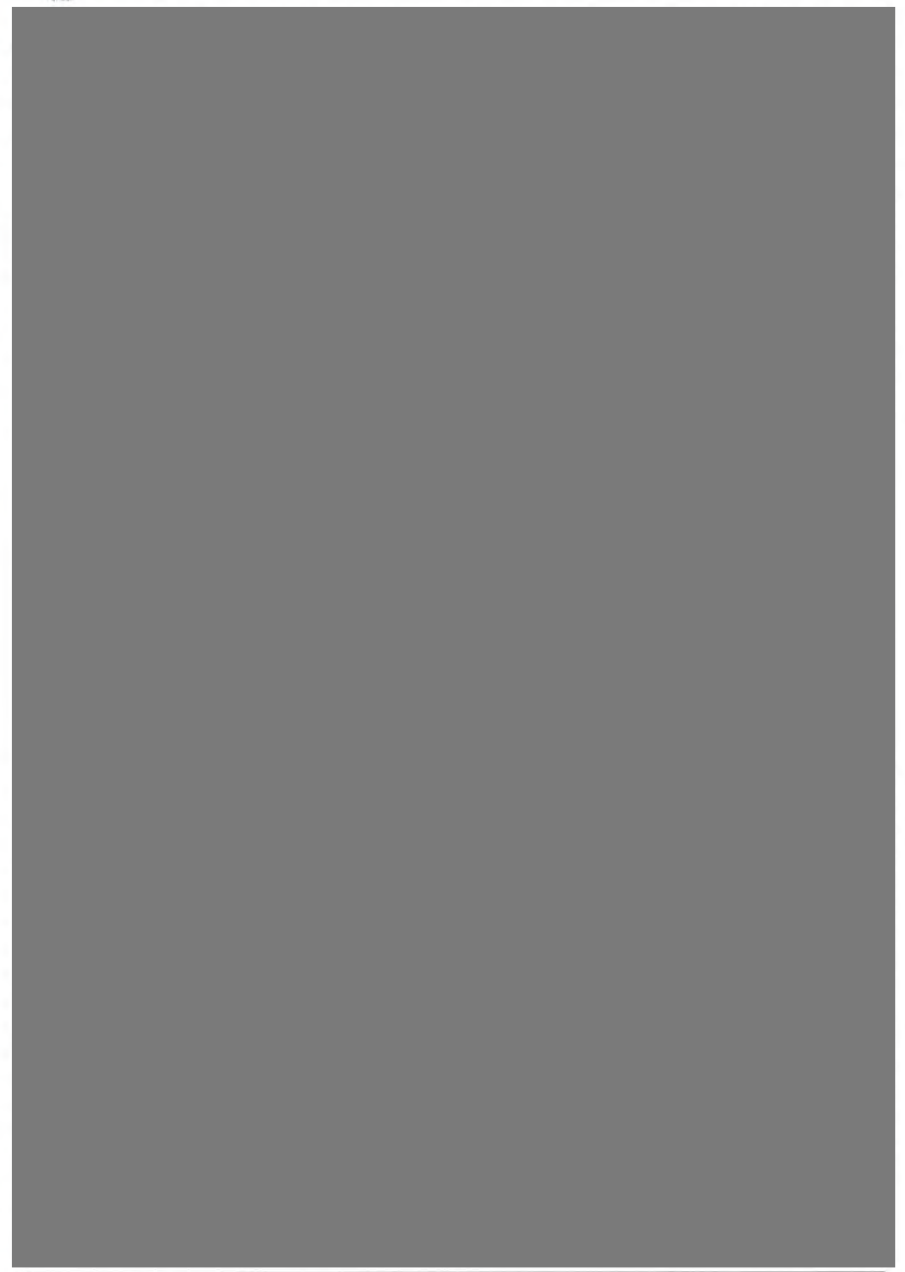




## Cathodic Potential Measurement



## Cathodic Potential Measurement





## Photo Log



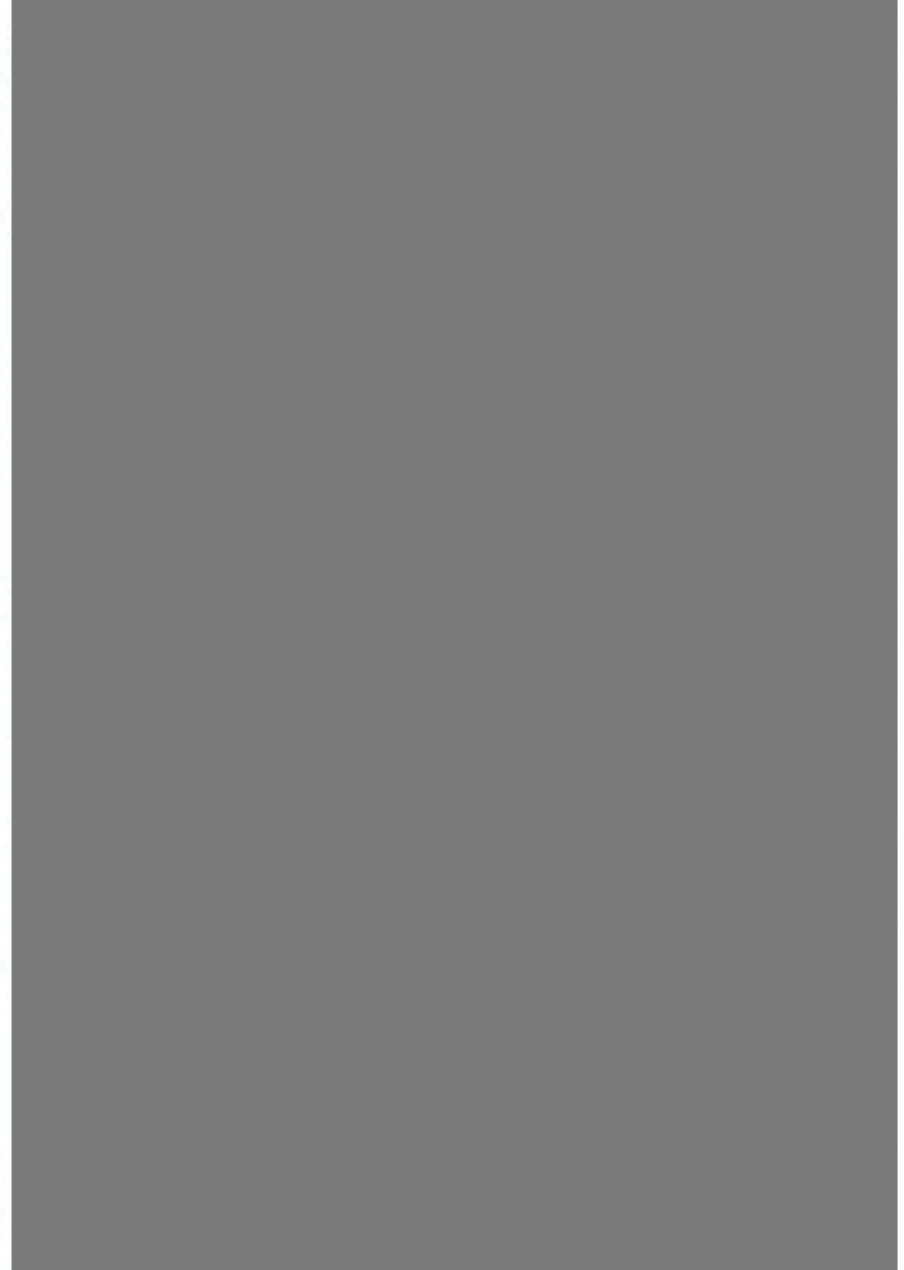
## Photo Log



Representative	OWA Data Recorder		OWA Supervisor
Signature:	Electronic form no signature required		Electronic form no signature required
Name (Print):	N/A		Wattana Khomthong







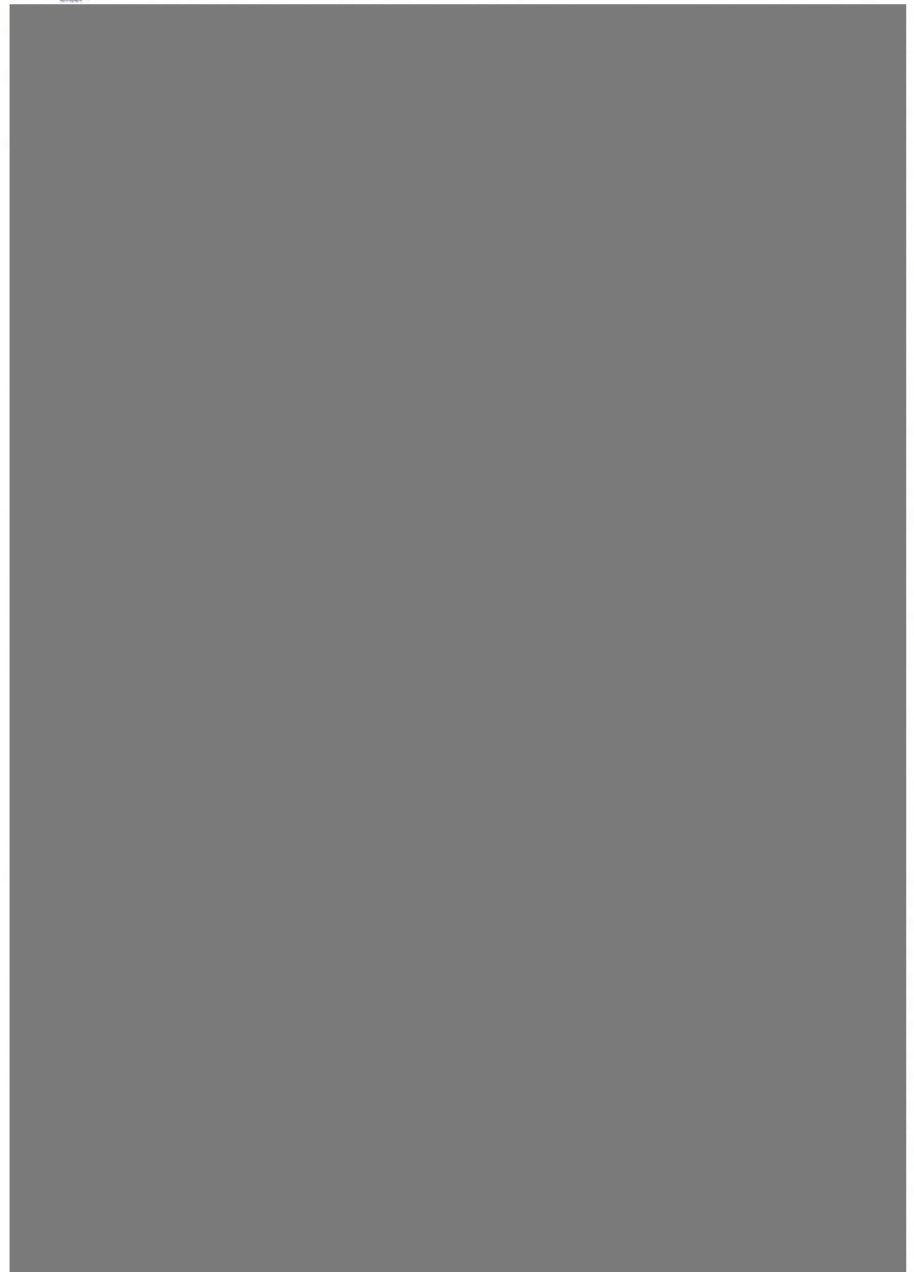




## Visual Inspection



## Video Log





STAR PETROLEUM REFINING COMPANY AND PTT GLOBAL CHEMICAL

MAP TA PHUT SPM

Ocean Works Asia (Thailand) Co., Ltd.

**Quarterly Inspection  
Report  
(SPM & PLEM)**

OCEAN WORKS ASIA (OWA)  
<https://www.owa.com.sg>

OCEAN WORKS ASIA (THAILAND) Co., Ltd.

54 B.B Building 9<sup>th</sup> Floor, Room No. 3909 Sukhumvit 21 (Asoke) Klongtoey Nua, Wattana,  
Bangkok 10110 Thailand

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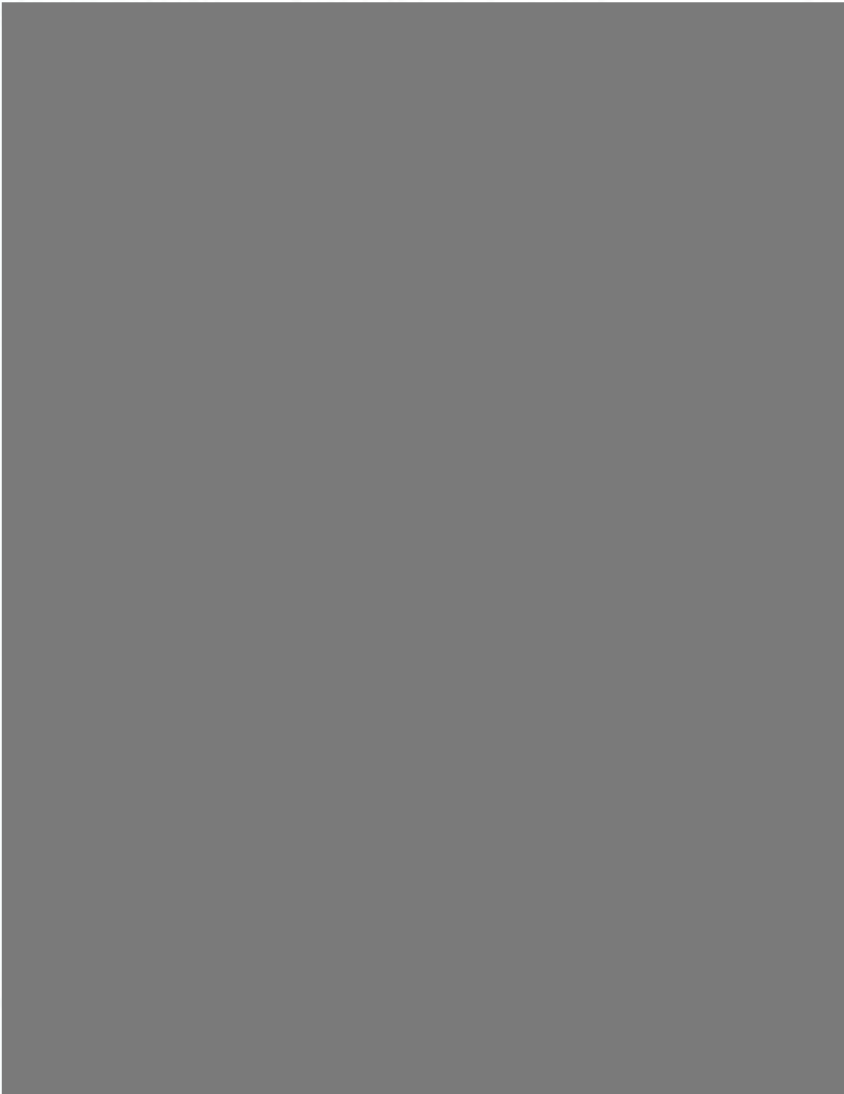
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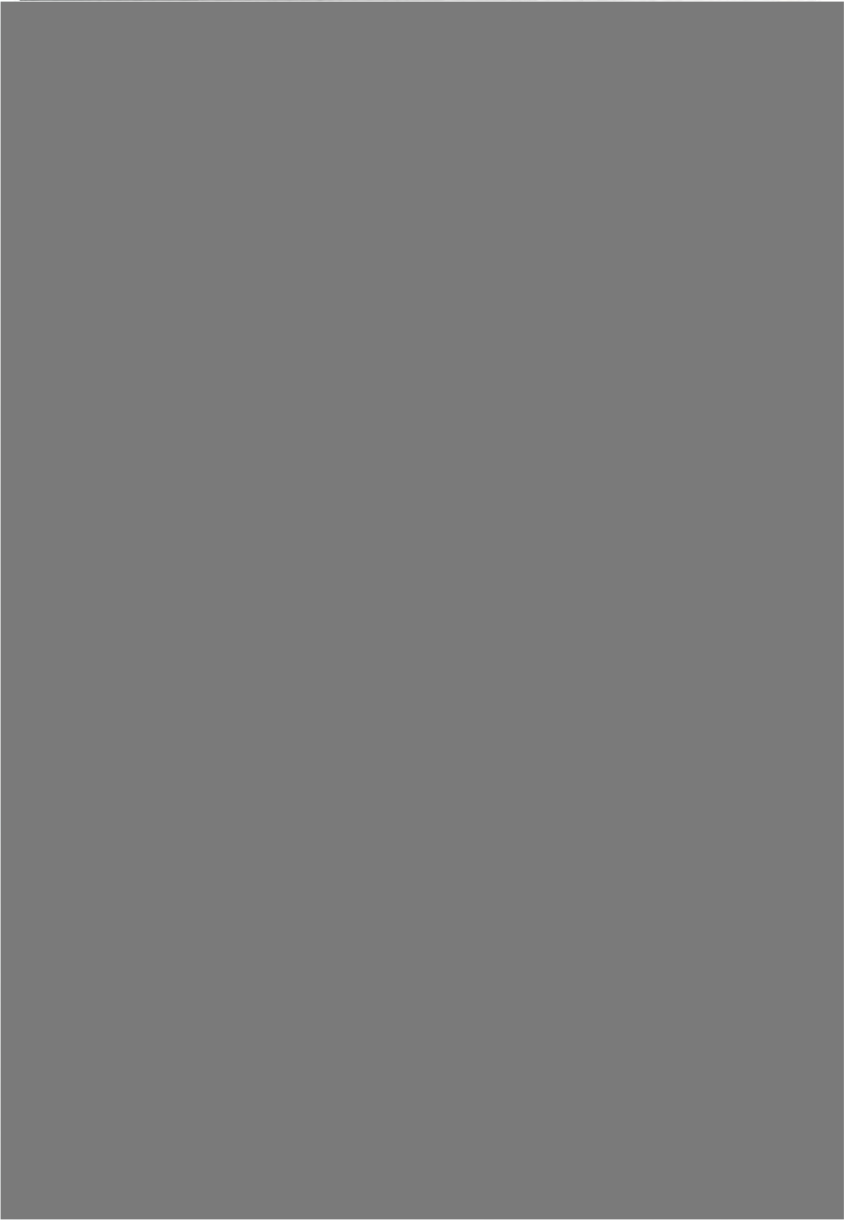
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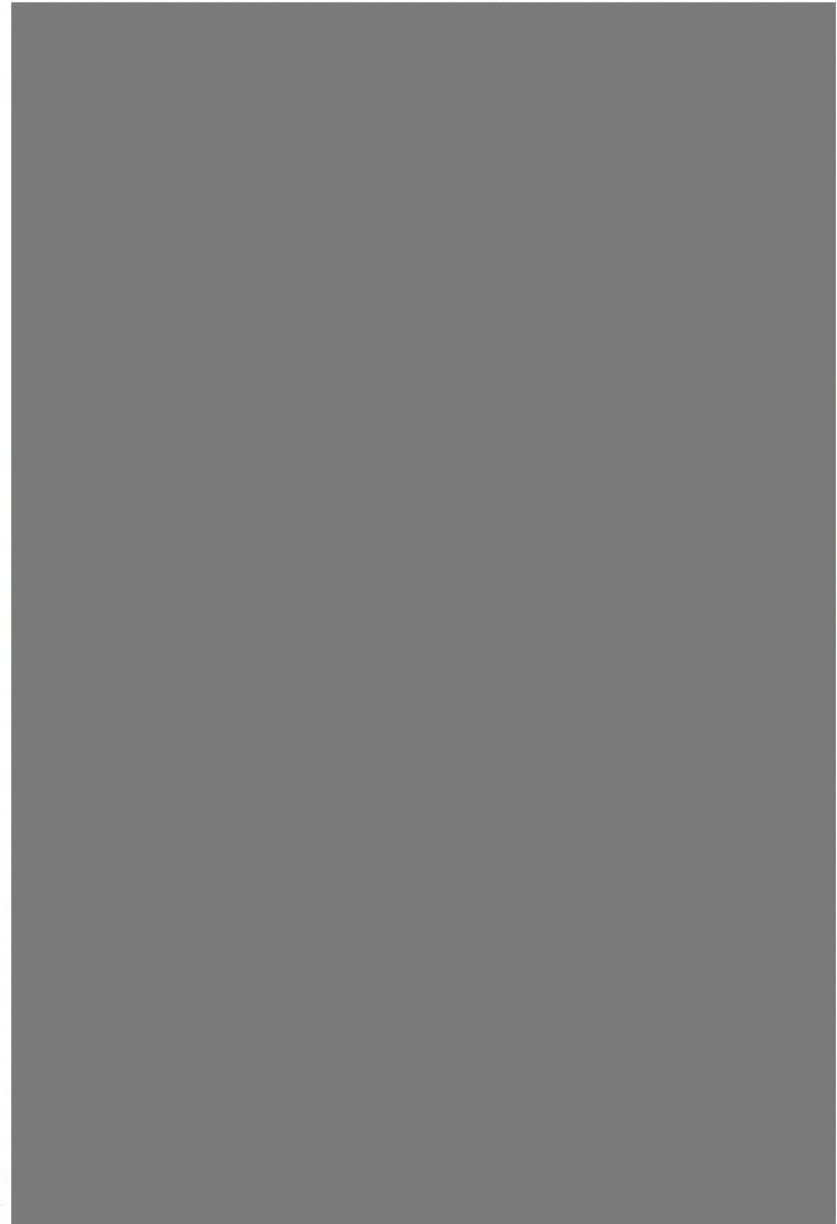





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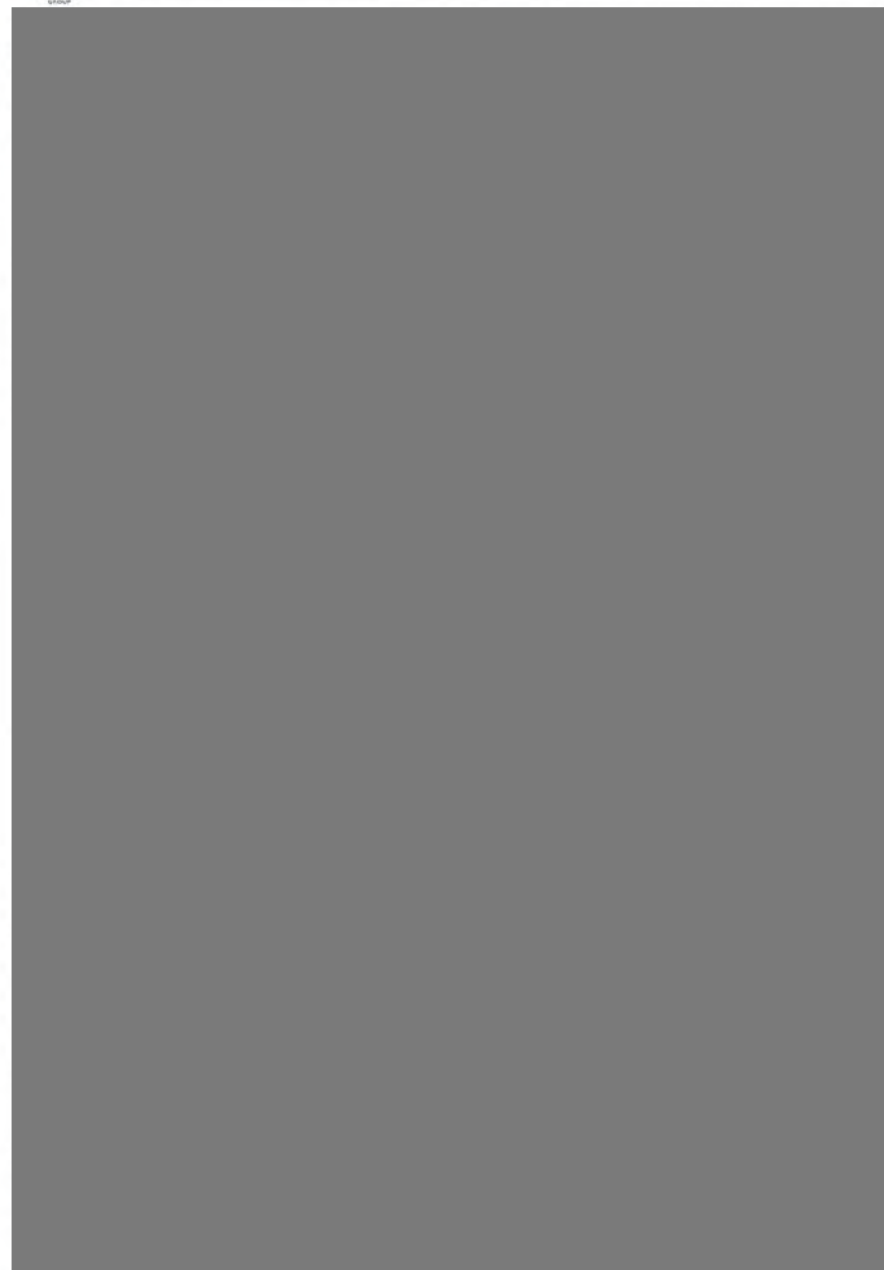




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## Cathodic Potential Measurement



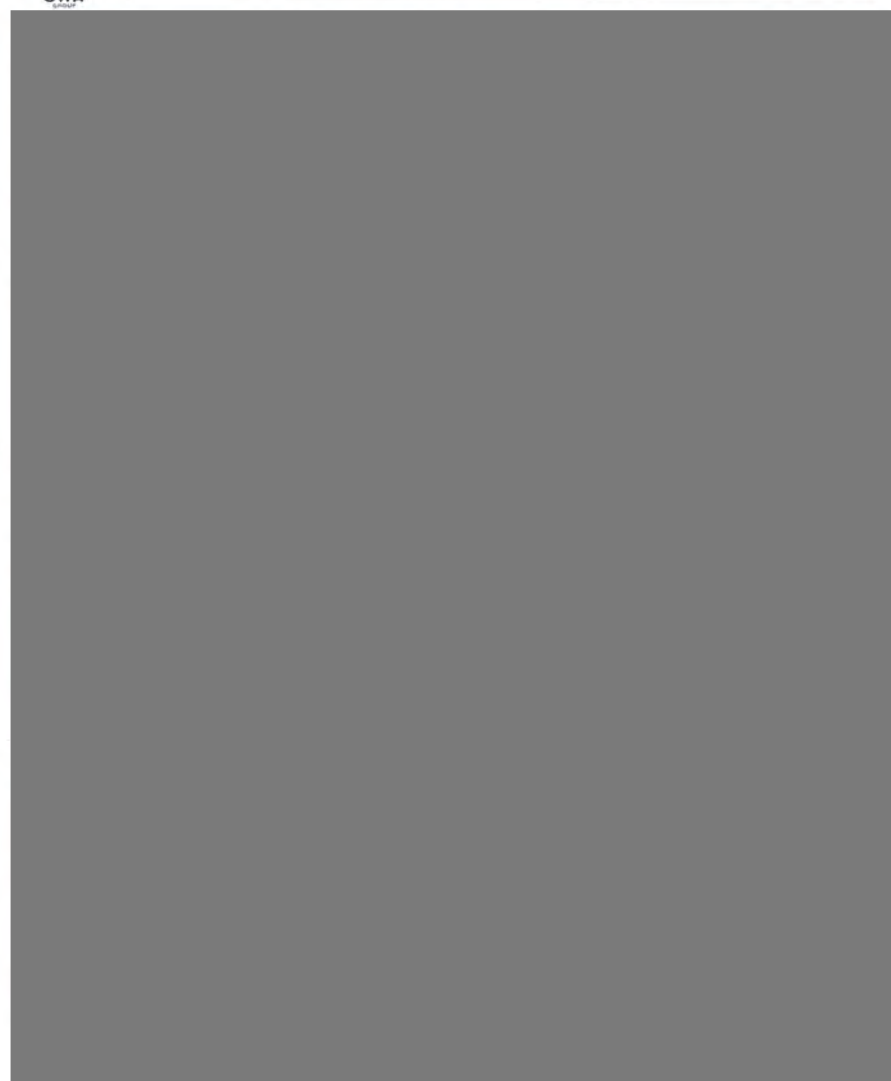
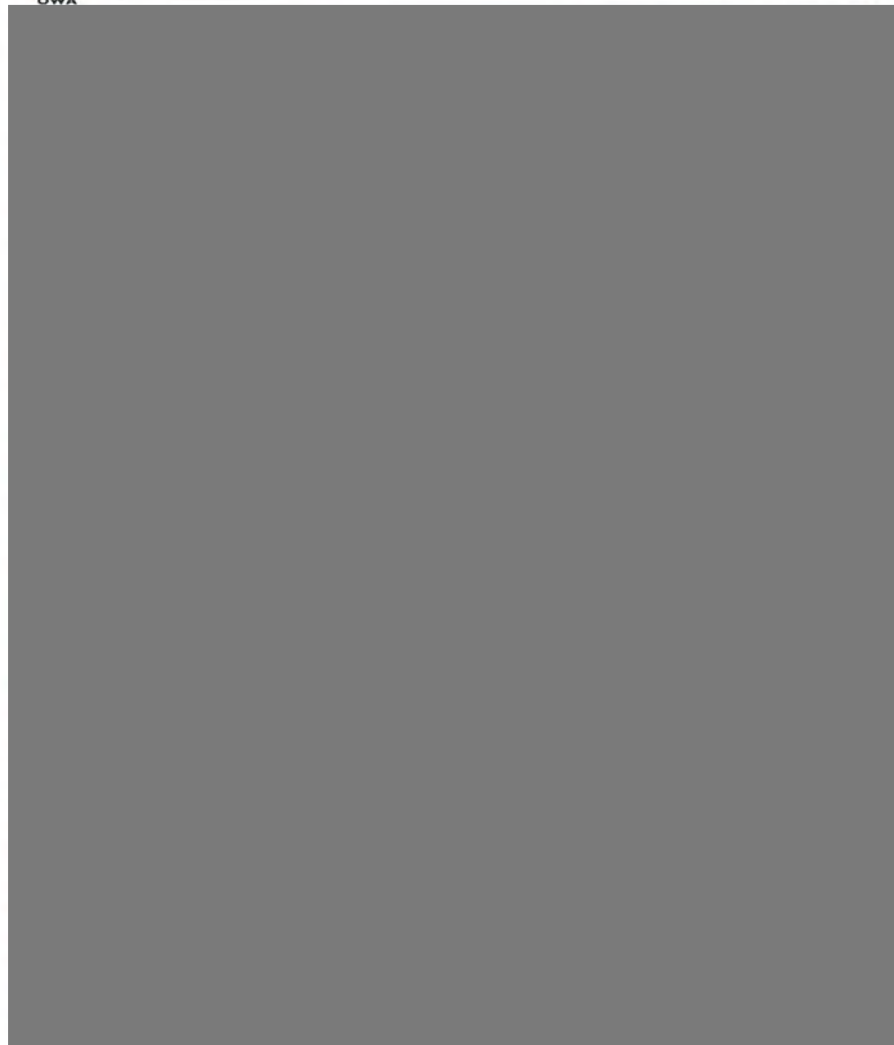


## Cathodic Potential Measurement



## Photo Log

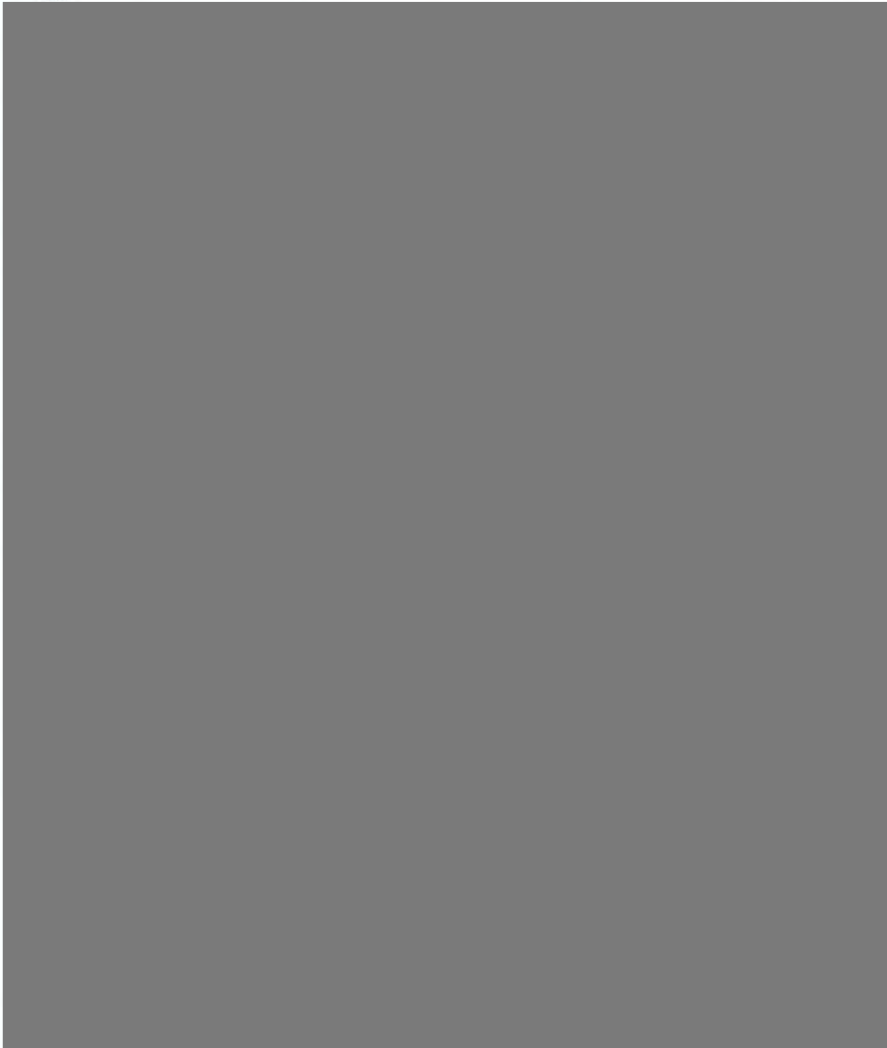






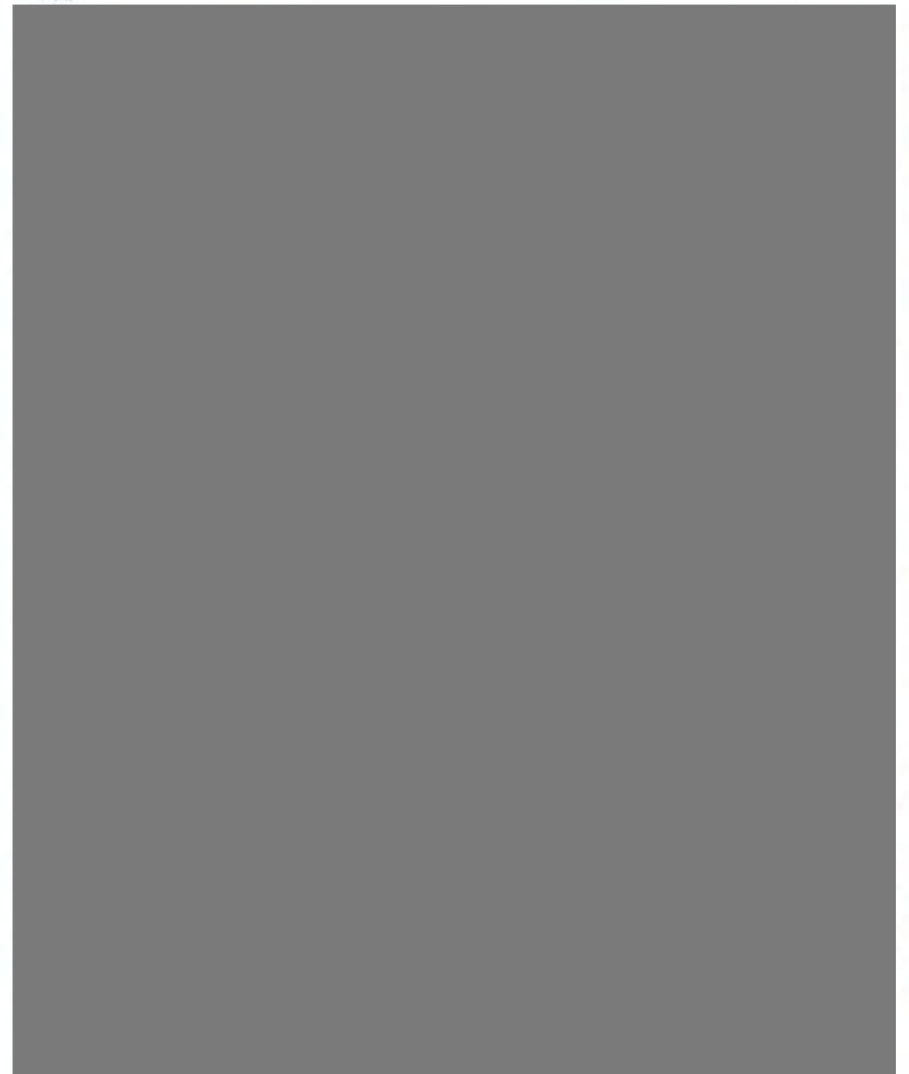
## Photo Log

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## Photo Log

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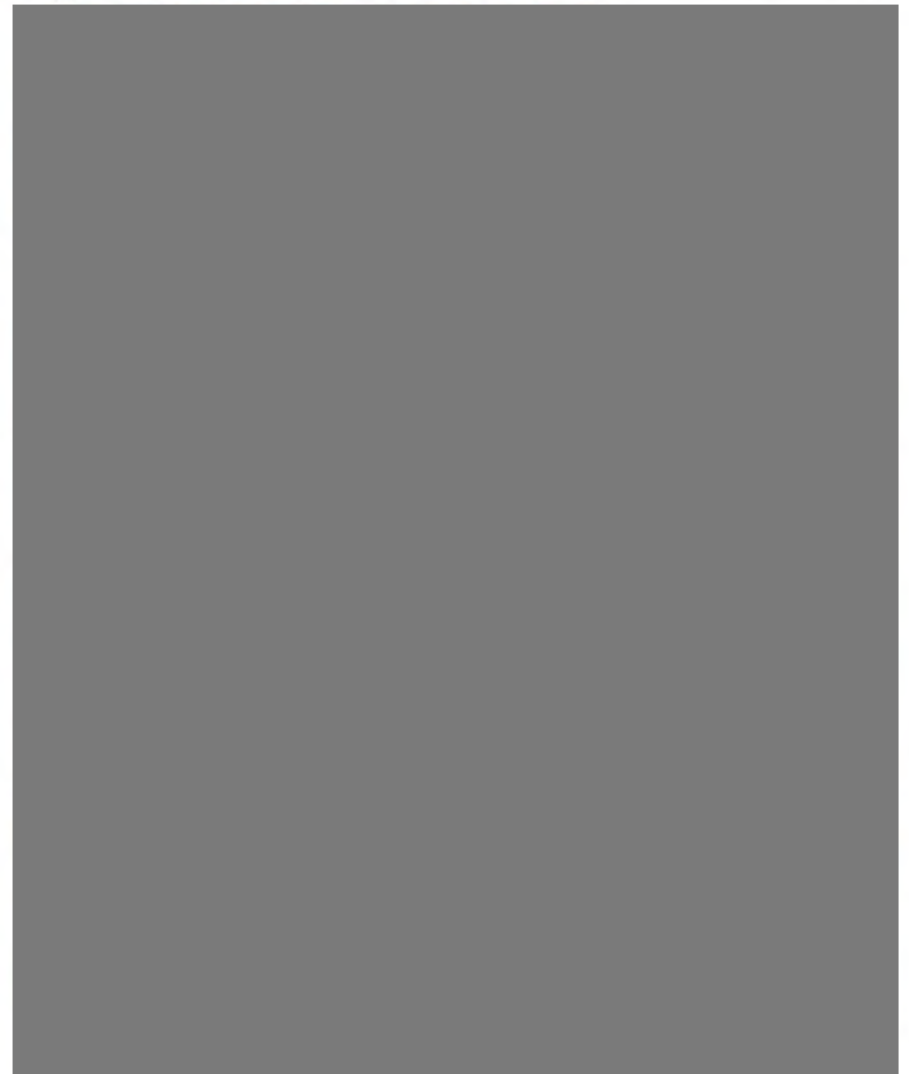




## Photo Log



## Photo Log

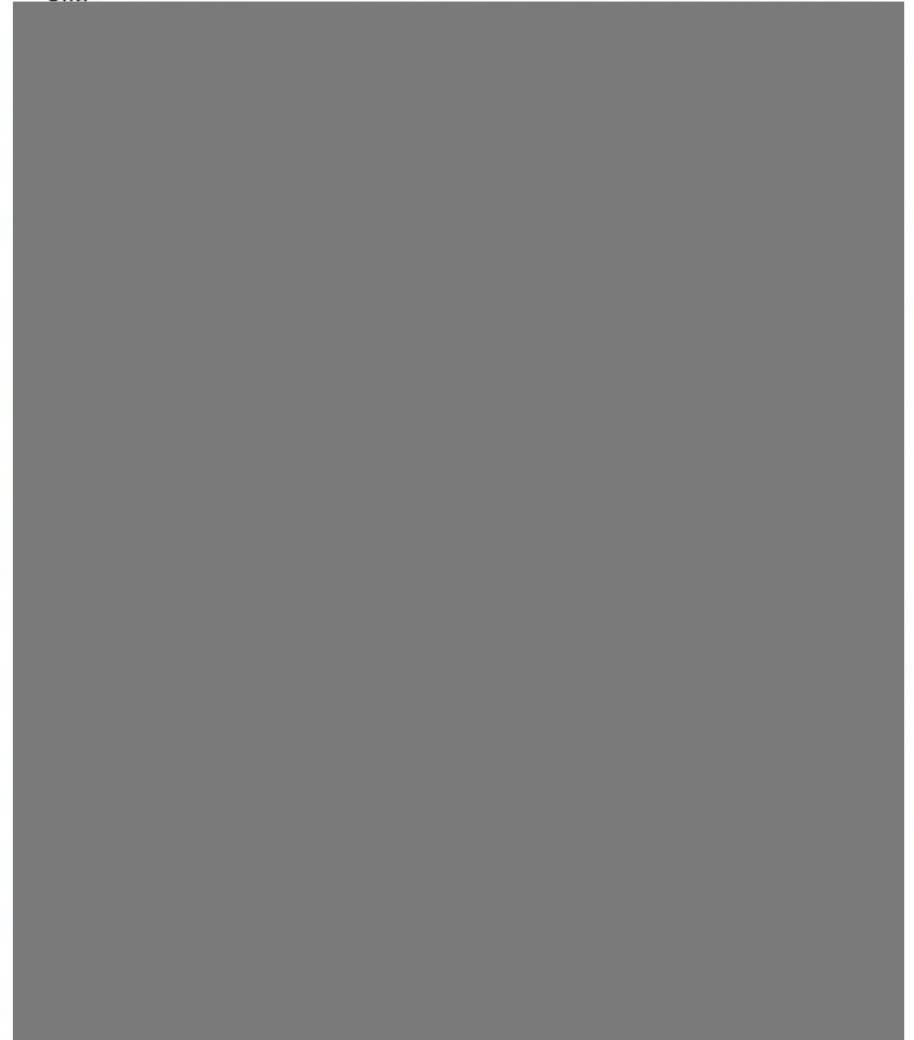




## Photo Log



## Photo Log



Representative	OWA Data Recorder		OWA Supervisor
Signature:	Electronic form no signature required		Electronic form no signature required
Name (Print):	N/A		Wattana Khomthong







## Visual Inspection



## Video Log



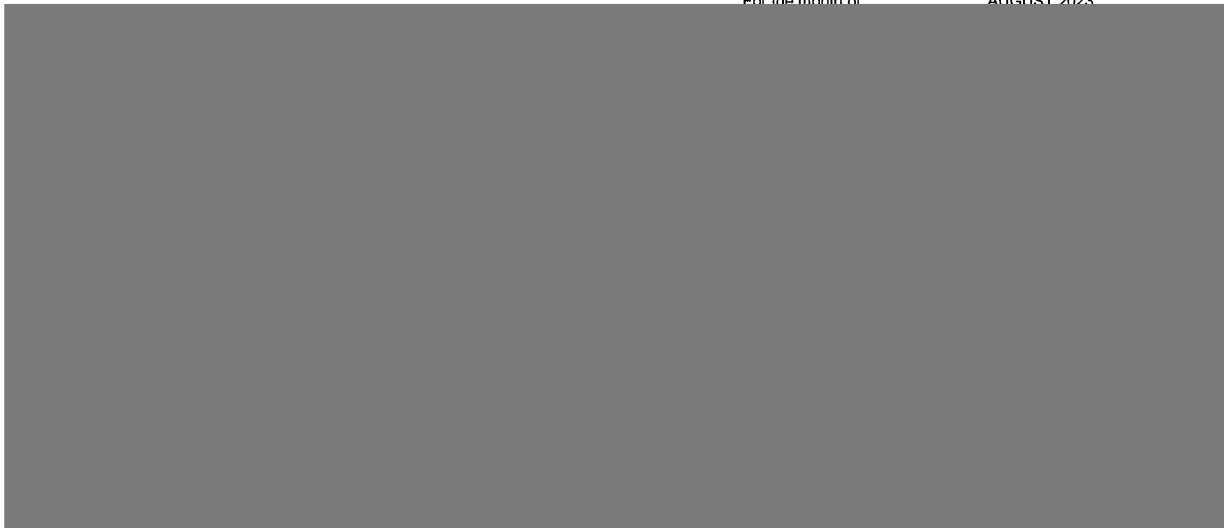
SPM MONTHLY MAINTENANCE REPORT



SPM MONTHLY MAINTENANCE REPORT

For the month of:

AUGUST 2023



SPM MONTHLY MAINTENANCE REPORT



SPM MONTHLY MAINTENANCE REPORT





SPM MONTHLY MAINTENANCE REPORT



SPM MONTHLY MAINTENANCE REPORT







SUMMARY SPM MAINTENANCE REPORT																																			
Ref.	DESCRIPTIONS	For the month of JULY 2023																														RESULT	REMARK		
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.3.6	SCUBA diving inspection to SPM, Anodes/clean :	WAITING FOR SPM COME BACK IN SERVICE AND WITH TANKER OPERATION																																	
	- Visual inspection to SPM , MBC																																		
	- Visual inspection to 1st off , 2nd off buoy for any potential deformation / kinkage																																		
	- Visual inspcion to tanker rail hose , butterfly Vv , Lifting equipment & accessories .																																		
2.3.7	Check bearing protection system and check water																																	X	
2.3.8	*Open/Check water @bearing inspection plate																																	X	
2.3.9	Inspect fluid swivel assembly ,leakge point																																	X	
2.3.10	Sounding buoy compartments																																	X	
	QUATERLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.4.3	Inspec perimeter of PLEM for signs of scouring of seabed ( D )	SEE OWA REPORT																																	
2.4.5	Check SPM underwater , SPM chain high stress area , Subsee hose /configuration / connection , PLEM including tighten to the seal compression nut of Check valves ( D )																																		
2.4.5	CP Measurement to SPM under water , pipe work , PLEM and anode consumption ( D )																																		
2.4.4	Full cycle PLEM valves																																		
2.4.6	Check Product path in Moon Pool / Turntable ,Exp.joint & Valves for any leakage																																	X	
2.4.7	Take SPM grease sample for analysis	TAKEN ON 19 MAY 2023																															DUE AUGUST 2023		
2.4.8	Check fluid swivel drive plate wear/down/distortion																																	X	
	Grease valve actuator in moon pool / turn table																																	X	
	Inspect and check to SPM winch , wire , block , lifting equipment and accessories																																	X	
	Inspect Nav.aids,Solar panel ,battery , Wiring system & Winker Light ::																																	X	DUE AUGUST 2023
	: Winker Light # 1	REMOVED FROM SYSTEM																																	
	: Winker Light # 2																																		
	: Winker Light # 3																																		
	: Winker Light # 4																																		
	: Winker Light # 5																																		
	HALF YEARLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.5.2	Repair damage paint area on SPM ,not limit to reapiired once obseve	ON GOING PROCESS																																	
	Running test to SPM air winch , Lifting equipment & accessories	USED DURING PLEM VALVE MAINTENANCE PERIOD																															DUE JUNE 2023		
	Lubricant to SPM winch , wire , blocks , Lifting equipment & parts																																DUE AUG 2023		
	: North Marker buoy pipeline	TOP PARTS SERVICE ON 16th JUNE 2023																															DUE DECEMBER 2023		
	: South Marker buoy pipeline	TOP PARTS SERVICE ON 16th JUNE 2023																															DUE DECEMBER 2023		
	: Iso danger buoy	TOP PARTS SERVICE ON 16th JUNE 2023																															DUE DECEMBER 2023		
	: Racon	[TOP 3rd MAR 2023] [Cleaning bottom by OWA 22 JUN 22]																															DUE SEPTEMBER 2023		
	YEARLY																																		
2.6.2 .8	Clean to SPM under water , PLEM ( D )																																Clean all chains and 80% on skirt area		DUE NOVEMBER 2023
2.6.2	Remove Sand Silt from PLEM , if require ( D )	SEE OWA DIVING REPORT																																	
2.6.3	Inspection for pitting at buoy hull ( + D )																																		DUE OCTOBER 2023
2.6.4	Inspection for pitting at Pipe work ( + D )																																		DUE OCTOBER 2023

SUMMARY SPM MAINTENANCE REPORT																																			
Ref.	DESCRIPTIONS	For the month of JULY 2023																														RESULT	REMARK		
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.6.5	Check Fluid Swivel oil seals																																		DUE OCTOBER 2023
2.6.6	Check Main Turn Table bearing																																		DUE OCTOBER 2023
2.6.7	Check and measurement at anchor chain ( D )																																		
2.6.8	CP measurement SPM & PLEM ( D )																																		
	Change SPM & PLEM Anode if consumption more than 75%																																		WILL CHANGE OUT ASAP
	Change SPM air winch 's hydraulic oil	CHECKED OIL IN WINCH ON 20 SEPTEMBER 22																															DUE SEPT 2023		



SUMMARY SPM MAINTENANCE REPORT																																		
Ref.	DESCRIPTIONS	For the month of AUGUST 2023																														RESULT	REMARK	
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.1.2,3,6	Check SPM condition/surround ,freeboard & trim	AWAITS TANKER OPERATION																																
2.1.13	Check turntable rotating																																	
2.1.5,8,12	Check all security: hatch , pipe,vents,drain are closed / blanked																																	
2.1.8,9	Check Product path in Moon Pool / Turntable ,Exp.joint for any leakage																																	
2.1.10	Check v/v opeable & correct position.																																	
2.1.11	Check Pressure gauge reading																																	
2.1.14	Check All Nav Aids light are properly working																																	
2.1.4,15	* Inspect Mooring Equipment / accessories ,Hawsers/ Jacket , Chain Suppoprt buoy , Chafe chain , Messenger for any damaged , connection , fouling																																	
2.1.7,16	* Inspect Floating hose strings , MBC , Connection , Messenger for any leakage / damaged / fouling																																	
2.1.16	Inspect Tanker rail hose , Pick up arrangement , messenger for connection ,any damaged / fouling																																	
	Check Load Monitoring system and accessories for properly working	AWAITS MAINTENANCE FROM OCEAN TECH																																
	WEEKLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.2.2.2	*Grease surface fluid swivel assembly				X							X							X							X								
2.2.2.2	Lubricate Mooring & other auxillary equipment				X							X							X							X								
2.2.3	Inspect buoy body/fender for any damaged				X							X							X							X								
2.2.4	*Check Center well drain for contamination				X							X							X							X								
	Check Central Pipe swivel (CPS) relief valve				X							X							X							X								
2.2.5	*Open bearing cavity drain plug check water				X							X							X							X								
	Check water barrage , gasket , means of Bearing protection				X							X							X							X								
	Inspect buoy turntable for freely rotationg , Normal condition				X							X							X							X								
	Check Product path in Moon Pool / Turntable ,Exp.joint & Valves for any leakage				X							X							X							X								
	* Inspect Floating hose strings , MBC , Connection , Messenger for any leakage / damaged				X							X							X							X								
	* Inspect Mooring Equipment / accessories , Hawsers/ Jacket , Chain Suppoprt buoy , Chafe chain , Messenger for any damaged , connection , fouling				X							X							X							X								
	Inspect Nav.aids, Solar panel , Wiring system & Winker Light				X							X							X							X								
	MONTHLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.3.2	Check mooring equipment / ancillary :																									X								
2.3.2	* Inspect Mooring Equipment / accessories , Hawsers/ thimble / Jacket , Chain Supportt buoy , Chafe chain , Messenger for any damaged , connection , fouling	INSTALLED NEW SYSTEM ON 28th NOVEMBER 2022 (REMOVED FROM SPM)																															NEW SYSTEM INSTALLED 28th NOVEMBER 2022	
2.3.2.2	Chafe chain Measurement for ware down																																	
2.3.3	Check Tanker rail Hose / ancillary : -Hose , Hose lifting arrangement , Butterfly v/v Triangle Plate Measurement	WAITING FOR SPM COME BACK IN SERVICE AND WITH TANKER OPERATION																																
2.3.4	Check / Operated / Lubricate of all buoy valve & actuators																									X								
2.3.5	Check all electric system and wiring system																									X								
2.3.5.2	Check Solar Panel / system , Clean Solar panel , if required																									X								
2.3.5.1	Check Battery / electrolyte level : charging or change if required , Battery box and seals																									X								

[illegible]



SUMMARY SPM MAINTENANCE REPORT																																			
Ref.	DESCRIPTIONS	For the month of AUGUST 2023																															RESULT	REMARK	
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.6.5	Check Fluid Swivel oil seals																																		
2.6.6	Check Main Turn Table bearing																																		
2.6.7	Check and measurement at anchor chain ( D )																																		
2.6.8	CP measurement SPM & PLEM ( D )																																		
	Change SPM & PLEM Anode if consumption more than 75%																																		
	Change SPM air winch 's hydraulic oil	CHECKED OIL IN WINCH ON 20 SEPTEMBER 22																																DUE SEPT 2023	

[illegible]



[illegible]

SUMMARY SPM MAINTENANCE REPORT																																		
Ref.	DESCRIPTIONS	For the month of SEPTEMBER 2023																												RESULT	REMARK			
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
2.6.5	Check Fluid Swivel oil seals																																	DUE OCTOBER 2023
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2.6.7	Check and measurement at anchor chain ( D )																																	
2.6.8	CP measurement SPM & PLEM ( D )																																	
	Change SPM & PLEM Anode if consumption more than 75%																																	WILL CHANGE OUT ASAP
	Change SPM air winch 's hydraulic oil	CHECKED OIL IN WINCH ON 20 SEPTEMBER 22																													DUE SEPT 2023			



[illegible]

SUMMARY SPM MAINTENANCE REPORT																																			
Ref.	DESCRIPTIONS	For the month of OCTOBER 2023																														RESULT	REMARK		
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.3.6	SCUBA diving inspection to SPM, Anodes/clean :	WAITING FOR SPM COME BACK IN SERVICE AND WITH TANKER OPERATION																																	
	- Visual inspection to SPM , MBC																																		
	- Visual inspection to 1st off , 2nd off buoy for any potential deformation / kinkage																																		
	- Visual inspection to tanker rail hose , butterfly Vv , Lifting equipment & accessories .																																		
2.3.7	Check bearing protection system and check water																					X													
2.3.8	*Open/Check water @bearing inspection plate																					X													
2.3.9	Inspect fluid swivel assembly ,leakge point																					X													
2.3.10	Sounding buoy compartments																					X													
	QUATERLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.4.3	Inspec perimeter of PLEM for signs of scouring of seabed ( D )							X		X																									
2.4.5	Check SPM underwater , SPM chain high stress area , Subsea hose /configuration / connection , PLEM including tighten to the seal compression nut of Check valves ( D )							X		X																									
2.4.5	CP Measurement to SPM under water , pipe work , PLEM and anode consumption ( D )							X		X																									
2.4.4	Full cycle PLEM valves							X		X																									
2.4.6	Check Product path in Moon Pool / Turntable ,Exp.joint & Valves for any leakage							X		X																									
2.4.7	Take SPM grease sample for analysis	TAKEN ON 26 AUGUST 2023																																DUE NOVEMBER 2023	
2.4.8	Check fluid swivel drive plate wear/down/distortion							X		X																									
	Grease valve actuator in moon pool / turn table							X		X																									
	Inspect and check to SPM winch , wire , block , lifting equipment and accessories							X		X																									
	Inspect Nav.aids,Solar panel ,battery , Wiring system & Winker Light ::							X		X																									
	: Winker Light # 1	REMOVED FROM SYSTEM																																	
	: Winker Light # 2																																		
	: Winker Light # 3																																		
	: Winker Light # 4																																		
	: Winker Light # 5																																		
	HALF YEARLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.5.2	Repair damage paint area on SPM ,not limit to repaired once obseve	ON GOING PROCESS																																	
	Running test to SPM air winch , Lifting equipment & accessories	USED DURING PLEM VALVE MAINTENANCE																																DUE JUNE 2023	
	Lubricant to SPM winch , wire , blocks , Lifting equipment & parts																																	DUE AUG 2023	
	: North Marker buoy pipeline	TOP PARTS SERVICE ON 16th JUNE 2023																																DUE DECEMBER 2023	
	: South Marker buoy pipeline	TOP PARTS SERVICE ON 16th JUNE 2023																																DUE DECEMBER 2023	
	: Iso danger buoy	TOP PARTS SERVICE ON 16th JUNE 2023																																DUE DECEMBER 2023	
	: Racon	[TOP 3rd MAR 2023] [Cleaning bottom by OWA 22 JUN 22]																																DUE SEPTEMBER 2023	
	YEARLY																																		
2.6.2 .8	Clean to SPM under water , PLEM ( D )																																		
2.6.2	Remove Sand Silt from PLEM , if require ( D )	SEE OWA DIVING REPORT																																DUE NOVEMBER 2023	
2.6.3	Inspection for pitting at buoy hull ( + D )																																		
2.6.4	Inspection for pitting at Pipe work ( + D )																																		



SUMMARY SPM MAINTENANCE REPORT																																			
Ref.	DESCRIPTIONS	For the month of OCTOBER 2023																															RESULT	REMARK	
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.6.5	Check Fluid Swivel oil seals																																		DUE OCTOBER 2023
2.6.6	Check Main Turn Table bearing																																		DUE OCTOBER 2023
2.6.7	Check and measurement at anchor chain ( D )																																		
2.6.8	CP measurement SPM & PLEM ( D )																																		
	Change SPM & PLEM Anode if consumption more than 75%																																		WILL CHANGE OUT ASAP
	Change SPM air winch 's hydraulic oil	CHECKED OIL IN WINCH ON 20 OCTOBER 2023																																DUE OCTOBER 2024	

[illegible]



SUMMARY SPM MAINTENANCE REPORT																																	
Ref.	DESCRIPTIONS	For the month of NOVEMBER 2023																												RESULT	REMARK		
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
2.3.6	SCUBA diving inspection to SPM, Anodes/clean :	WAITING FOR SPM COME BACK IN SERVICE AND WITH TANKER OPERATION																															
	- Visual inspection to SPM , MBC																																
	- Visual Inspection to 1st off , 2nd off buoy for any potential deformation / kinkage																																
	- Visual inspnctn to tanker rail hose , butterfly Vv , Lifting equipment & accessories .																																
2.3.7	Check bearing protection system and check water																	X															
2.3.8	*Open/Check water @bearing inspection plate																	X															
2.3.9	Inspect fluid swivel assembly ,leakge point																	X															
2.3.10	Sounding buoy compartments																	X															
	QUATERLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
2.4.3	Inspec perimeter of PLEM for signs of scouring of seabed ( D )							X		X																							
2.4.5	Check SPM underwater , SPM chain high stress area , Subsea hose /configuration / connection , PLEM including tighten to the seal compression nut of Check valves ( D )							X		X																						Due DECEMBER 2023	
2.4.5	CP Measurement to SPM under water , pipe work , PLEM and anode consumption ( D )							X		X																							
2.4.4	Full cycle PLEM valves							X		X																							
2.4.6	Check Product path in Moon Pool / Turntable ,Exp.joint & Valves for any leakage							X		X																							
2.4.7	Take SPM grease sample for analysis	TAKEN ON 26 AUGUST 2023																															Due NOVEMBER 2023
2.4.8	Check fluid swivel drive plate wear/down/distortion							X		X																							
	Grease valve actuator in moon pool / turn table							X		X																							
	Inspect and check to SPM winch , wire , block , lifting equipment and accessories							X		X																							
	Inspect Nav.aids,Solar panel ,battery , Wiring system & Winker Light ::							X		X																							
	: Winker Light # 1	REMOVED FROM SYSTEM																															
	: Winker Light # 2																																
	: Winker Light # 3																																
	: Winker Light # 4																																
	: Winker Light # 5																																
	HALF YEARLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
2.5.2	Repair damage paint area on SPM ,not limit to repaired once obseve	ON GOING PROCESS																															
	Running test to SPM air winch , Lifting equipment & accessories	USED DURING PLEM VALVE MAINTENANCE																															Due JUNE 2023
	Lubricant to SPM winch , wire , blocks , Lifting equipment & parts																																Due AUG 2023
	: North Marker buoy pipeline	TOP PARTS SERVICE ON 16th JUNE 2023																															Due DECEMBER 2023
	: South Marker buoy pipeline	TOP PARTS SERVICE ON 16th JUNE 2023																															Due DECEMBER 2023
	: Iso danger buoy	TOP /BOTTOM PARTS SERVICE ON 21-24 NOV 2023																															Due DECEMBER 2023
	: Racon	[TOP 3rd MAR 2023] [Cleaning bottom by OWA 13-15 NOV 2023]																															Due SEPTEMBER 2023
	YEARLY																																
2.6.2.8	Clean to SPM under water , PLEM ( D )																											X	X	X	X	Due NOVEMBER 2024	
2.6.2	Remove Sand Silt from PLEM , if require ( D )	SEE OWA DIVING REPORT																															
2.6.3	Inspection for pitting at buoy hull ( + D )									X	X																					Due OCTOBER 2023	
2.6.4	Inspection for pitting at Pipe work ( + D )									X	X																					Due OCTOBER 2023	

SUMMARY SPM MAINTENANCE REPORT																																		
Ref.	DESCRIPTIONS	For the month of NOVEMBER 2023																												RESULT	REMARK			
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
2.6.5	Check Fluid Swivel oil seals																						X	X	X	X								DUE OCTOBER 2024
2.6.6	Check Main Turn Table bearing by SKF																						X	X	X	X								DUE OCTOBER 2023
2.6.7	Check and measurement at anchor chain ( D )																																	
2.6.8	CP measurement SPM & PLEM ( D )																																	
	Change SPM & PLEM Anode if consumption more than 75%																																	WILL CHANGE OUT ASAP
	Change SPM air winch 's hydraulic oil																																	CHECKED OIL IN WINCH ON 20 OCTOBER 23
																																		DUE OCTOBER 2024



SUMMARY SPM MAINTENANCE REPORT																																		
Ref.	DESCRIPTIONS	For the month of DECEMBER 2023																														RESULT	REMARK	
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.1.2,3,6	Check SPM condition/surround ,freeboard & trim	AWAITS TANKER OPERATION																																
2.1.13	Check turntable rotating																																	
2.1.5,8,12	Check all security: hatch , pipe,vents,drain are closed / blanked																																	
2.1.8,9	Check Product path in Moon Pool / Turntable ,Exp.joint for any leakage																																	
2.1.10	Check v/v opeable & correct position.																																	
2.1.11	Check Pressure gauge reading																																	
2.1.14	Check All Nav Aids light are properly working																																	
2.1.4,15	* Inspect Mooring Equipment / accessories ,Hawser/ Jacket , Chain Suppoprt buoy , Chafe chain , Messenger for any damaged , connection , fouling																																	
2.1.7,16	* Inspect Floating hose strings , MBC , Connection , Messenger for any leakage / damaged / fouling																																	
2.1.16	Inspect Tanker rail hose , Pick up arrangement , messenger for connection ,any damaged / fouling																																	
	Check Load Monitoring system and accessories for properly working	AWAITS MAINTENANCE FROM OCEAN TECH																																
	WEEKLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.2.2.2	*Grease surface fluid swivel assembly	X						X								X							X							X				
2.2.2.2	Lubricate Mooring & other auxillary equipment	X						X								X							X							X				
2.2.3	Inspect buoy body/fender for any damaged	X						X								X							X							X				
2.2.4	*Check Center well drain for contamination	X						X								X							X							X				
	Check Central Pipe swivel (CPS) relief valve	X						X								X							X							X				
2.2.5	*Open bearing cavity drain plug check water	X						X								X							X							X				
	Check water barrage , gasket , means of Bearing protection	X						X								X							X							X				
	Inspect buoy turntable for freely rotating , Normal condition	X						X								X							X							X				
	Check Product path in Moon Pool / Turntable ,Exp.joint & Valves for any leakage	X						X								X							X							X				
	* Inspect Floating hose strings , MBC , Connection , Messenger for any leakage / damaged	X						X								X							X							X				
	* Inspect Mooring Equipment / accessories , Hawser/ Jacket , Chain Suppoprt buoy , Chafe chain , Messenger for any damaged , connection , fouling	X						X								X							X							X				
	Inspect Nav.aids, Solar panel , Wiring system & Winker Light	X						X								X							X							X				
	MONTHLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.3.2	Check mooring equipment / ancillary :							X																										
2.3.2	* Inspect Mooring Equipment / accessories , Hawser/ thimble / Jacket , Chain Suppoprt buoy , Chafe chain , Messenger for any damaged , connection , fouling	INSTALLED NEW SYSTEM ON 28th NOVEMBER 2022 [REMOVED FROM SPM]																															NEW SYSTEM INSTALLED 28th NOVEMBER 2022	
2.3.2.2	Chafe chain Measurement for ware down																																	
2.3.3	Check Tanker rail Hose / ancillary :																																	
	-Hose , Hose lifting arrangement , Butterfly v/v																																	
	Triangle Plate Measurement																																	
2.3.4	Check / Operated / Lubricate of all buoy valve & actuators							X																										
2.3.5	Check all electric system and wiring system							X																										
2.3.5.2	Check Solar Panel / system , Clean Solar panel , if required							X																										
2.3.5.1	Check Battery / electrolyte level : charging or change if required , Battery box and seals							X																										

SUMMARY SPM MAINTENANCE REPORT																																		
Ref.	DESCRIPTIONS	For the month of DECEMBER 2023																														RESULT	REMARK	
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.3.6	SCUBA diving inspection to SPM, Anodes/clean :	WAITING FOR SPM COME BACK IN SERVICE AND WITH TANKER OPERATION																																
	- Visual inspection to SPM , MBC																																	
	- Visual inspection to 1st off , 2nd off buoy for any potential deformation / kinkage																																	
	- Visual inspcion to tanker rail hose , butterfly Vv , Lifting equipment & accessories .																																	
2.3.7	Check bearing protection system and check water							X																										
2.3.8	*Open/Check water @bearing inspection plate							X																										
2.3.9	Inspect fluid swivel assembly ,leakge point							X																										
2.3.10	Sounding buoy compartments							X																										
	QUATERLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.4.3	Inspec perimeter of PLEM for signs of scouring of seabed ( D )											X	X	X																				
2.4.5	Check SPM underwater , SPM chain high stress area , Subsea hose /configuration / connection , PLEM including tighten to the seal compression nut of Check valves ( D )											X	X	X																				Due MARCH 2024
2.4.5	CP Measurement to SPM under water , pipe work , PLEM and anode consumption ( D )											X	X	X																				
2.4.4	Full cycle PLEM valves											X	X	X																				
2.4.6	Check Product path in Moon Pool / Turntable ,Exp.joint & Valves for any leakage							X																										
2.4.7	Take SPM grease sample for analysis	TAKEN ON 24 NOVEMBER BY SKF 2023																															DUE FEBRUARY 2024	
2.4.8	Check fluid swivel drive plate wear/down/distortion							X																										DUE MARCH 2024
	Grease valve actuator in moon pool / turn table							X																										
	Inspect and check to SPM winch , wire , block , lifting equipment and accessories							X							X																			DUE MARCH 2024
	Inspect Nav.aids,Solar panel ,battery , Wiring system & Winker Light ::							X																										
	: Winker Light # 1	REMOVED FROM SYSTEM																																
	: Winker Light # 2																																	
	: Winker Light # 3																																	
	: Winker Light # 4																																	
	: Winker Light # 5																																	
	HALF YEARLY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2.5.2	Repair damage paint area on SPM ,not limit to respired once observe	STARTED 28 OCT 2023 [ON GOING PROCESS] FINISH 11 DECEMBER 2023																															DUE JUNE 2024	
	Running test to SPM air winch , Lifting equipment & accessories	USED DURING PLEM VALVE MAINTENANCE																																
	Lubricant to SPM winch , wire , blocks , Lifting equipment & parts																																DUE JUNE 2023	
	: North Marker buoy pipeline	TOP PARTS SERVICE 19-21 DEC/CHANGED OUT 42 LINKS OF CHAIN																															DUE JUNE 2024	
	: South Marker buoy pipeline	TOP PARTS SERVICE 19-21 DEC/CHANGED OUT 35 LINKS OF CHAIN																															DUE JUNE 2024	
	: Iso danger buoy	TOP PARTS SERVICE 19-21 DEC/CHANGED OUT 68 LINKS OF CHAIN																															DUE JUNE 2024	
	: Racon	[TOP 3rd MAR 2023] [Cleaning bottom by OWA 13-15 NOV 2023]																															DUE MAY 2024	
	YEARLY																																	
2.6.2.8	Clean to SPM under water , PLEM ( D )																										X	X	X	X			DUE NOVEMBER 2024	
2.6.2	Remove Sand Silt from PLEM , if require ( D )	SEE OWA DIVING REPORT																																
2.6.3	Inspection for pitting at buoy hull ( + D )								X	X																							DUE NOVEMBER 2024	
2.6.4	Inspection for pitting at Pipe work ( + D )								X	X																							DUE NOVEMBER 2024	



SUMMARY SPM MAINTENANCE REPORT																																			
Ref.	DESCRIPTIONS	For the month of DECEMBER 2023																														RESULT	REMARK		
	PRE BERTHING INSPECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2.6.5	Check Fluid Swivel oil seals																						X	X	X	X									DUE NOVEMBER 2024
2.6.6	Check Main Turn Table bearing by SKF																						X	X	X	X									DUE NOVEMBER 2024
2.6.7	Check and measurement at anchor chain ( D )																																		
2.6.8	CP measurement SPM & PLEM ( D )																																		
	Change SPM & PLEM Anode if consumption more than 75%															X	WAITING FOR ANODES' BRACKET, WILL CHANGE OUT ASAP																		
	Change SPM air winch 's hydraulic oil	CHECKED OIL IN WINCH ON 15 DECEMBER 23																														DUE DECEMBER 2024			