



Multibeam Survey Report

Beta 16" Oil Pipeline Multibeam Survey | Offshore California

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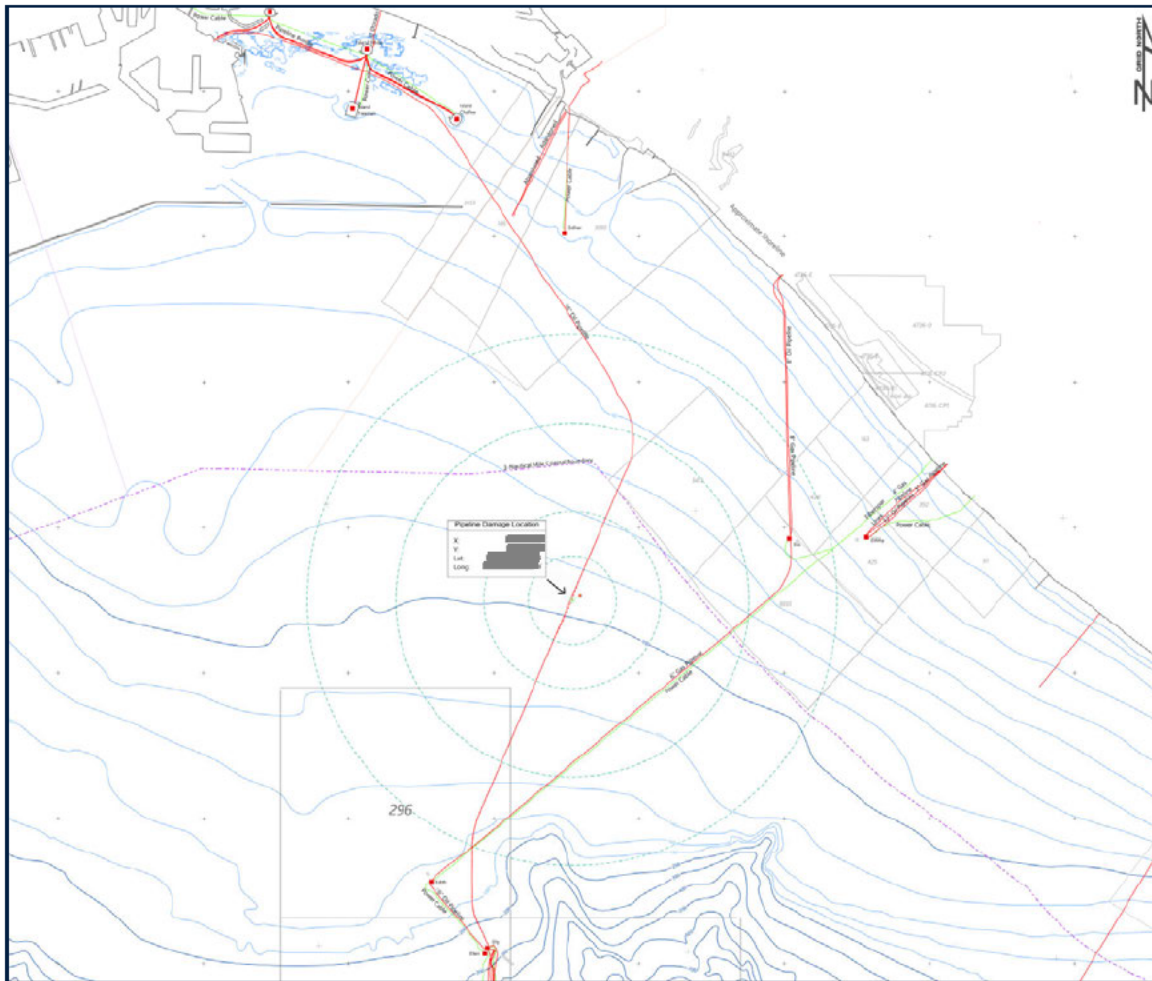
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| JS | REDACTED PII | Aqueos – Project Manager |
| CW | REDACTED PII | Maverick PMC Group – Project Manager |

Beta 16" Oil Pipeline



Executive Summary

Fugro was contracted by Aqueos Corporation to perform a multibeam echosounder (MBES) survey of a portion of the 16" oil pipeline running from Platform Elly to shore. The multibeam data acquisition of this survey was conducted by the Fugro USA Marine, Inc. (FUSAMI) Ventura office. This report provides details for all aspects of the project execution for the survey, including:

- Technical description and operational set-up of all equipment
- Fieldwork summary
- Onboard quality assurance
- Data processing summary
- Results of the survey
- Comprehensive review of HSSE during offshore survey

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Abbreviations

| | |
|--------|--|
| cm | Centimeter |
| CORS | Continuously Operating Reference Stations |
| CRP | Common Reference Point |
| DPR | Daily Progress Report |
| DTM | Digital Terrain Model |
| FUSAMI | Fugro USA Marine Incorporated |
| GNSS | Global Navigation Satellite System |
| GPS | Global Positioning System |
| HAZID | Hazard Identification |
| HIRA | Hazard Identification and Risk Assessment |
| HSSE | Health, Safety, Security, Environment |
| INS | Inertial Navigation System |
| m | Meter |
| mm | Millimeter |
| MBES | Multibeam Echosounder |
| MLLW | Mean Lower Low Water |
| M/V | Motor Vessel |
| NAD 83 | North American Datum of 1983 |
| NOAA | National Oceanic and Atmospheric Administration |
| POS MV | Position and Orientation System for Marine Vessels |
| QA | Quality Assurance |
| QC | Quality Control |
| RAMS | Risk assessments and method statements |
| SBET | Smooth Best Estimated Trajectory |
| SVP | Sound Velocity Profile/Profiler |
| VRF | Vessel Reference Frame |
| WGS84 | World Geodetic System 1984 |

1. Results

This section summarizes the results of the multibeam survey performed on October 13, 2021 for the Beta Offshore As-Found 16" Oil Pipeline.

1.1 Overview Charts

Three overview charts presenting the sun-illuminated bathymetry from Platform Elly to the North end of the as-found displaced pipeline can be found in Appendix A. The sun-illuminated image is gridded at 0.25 meter, draped over a hillshade background (vertical exaggeration of 2). These charts also include the digitized pipeline route, as-found location of the displaced pipeline and seabed scars.

1.2 Pipeline Profile Booklet

Located in Appendix B are the plan and profile view generated on a 3,300' section of the displaced pipeline.

1.3 Five-Point File

A five-point file containing the stationing, pipeline easting, pipeline northing, top of pipe depth, and side flags can be found in Appendix C.

2. Operations

2.1 Scope of Work

Fugro conducted a MBES survey along a portion of the 16" oil pipeline with primary focus on the as-found location of displacement, identified in Figure 1.1 below, out to Platform Elly. The purpose of the survey in the focus area was to identify and map the displaced pipeline and any seabed scars. The purpose of the survey from the focus area out to Platform Elly was to visualize the remaining 16" oil pipeline. No survey was conducted of the pipeline within state waters.

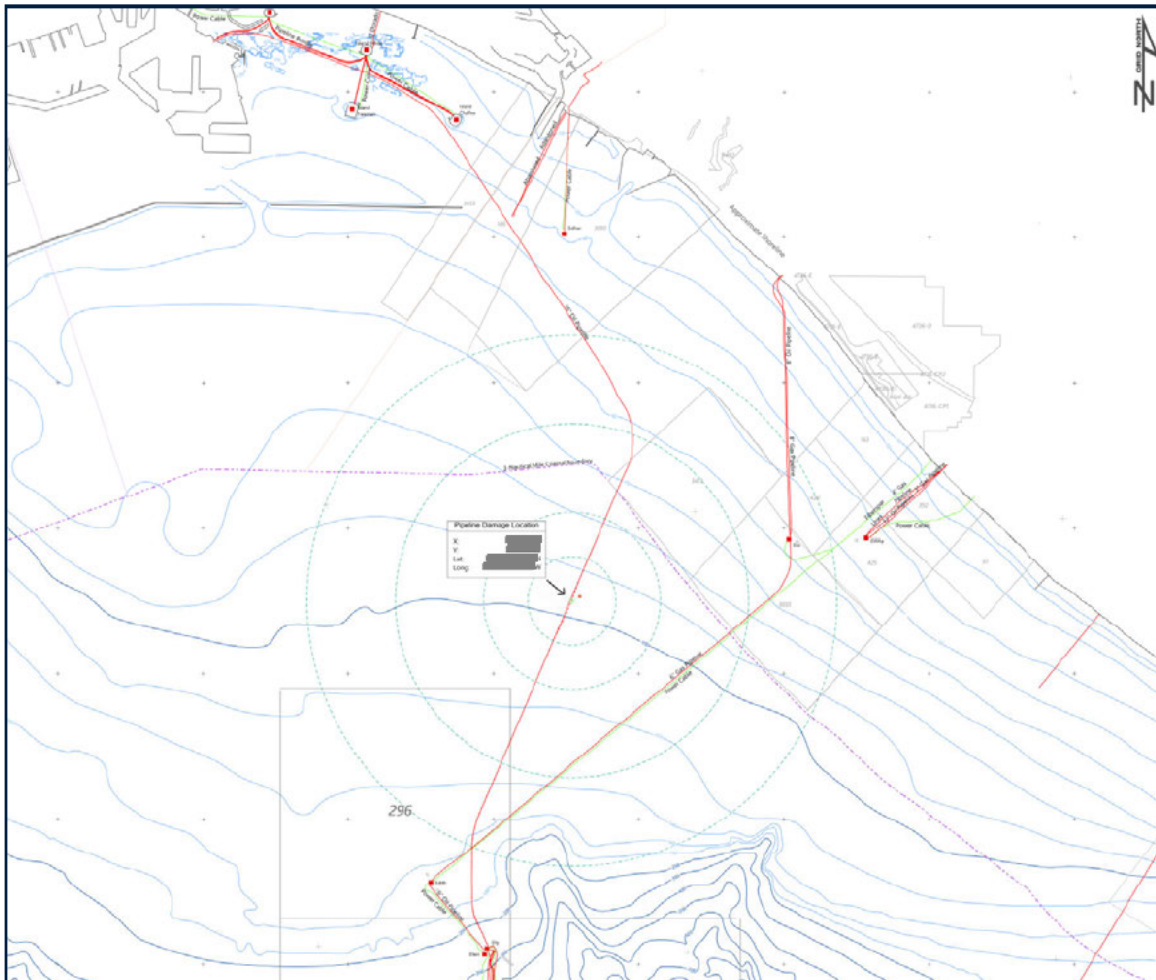


Figure 2.1: Overview Map of 16" Oil Pipeline Route including As-Found Location of Displacement

2.2 Summary of Events

Mobilization of the *M/V Danny C* took place the morning of October 12, 2021 at Curtin Maritime, in Long Beach, CA. Systems calibration commenced that same afternoon. Data acquisition took place the following day.

A summary of key events is provided in Table 2.1.

Table 2.1: Summary of Key Events

| Event | Dates |
|-----------------------------------|------------------|
| Project Pre-Job Meeting | October 11, 2021 |
| Mobilization | October 12, 2021 |
| MBES Patch Test | October 12, 2021 |
| Commencement of Survey Operations | October 13, 2021 |
| Completion of Survey Operations | October 13, 2021 |
| Demobilization | October 13, 2021 |

2.3 Project Team Organization

The organization chart and lines of communication were designed to facilitate the survey objectives. The survey program was carried out under the supervision of REDACTED, who was responsible for contract implementation of vessel and geophysical services, project management, and communication with Aqueos. REDACTED served as the primary point of contact in the field. Preview and review of all phases of the operation were coordinated through REDACTED, REDACTED and REDACTED to maintain communications and survey progress and to assure data quality. The organizational chart (Figure 2.1) shows the reporting lines and areas of responsibility for this project.

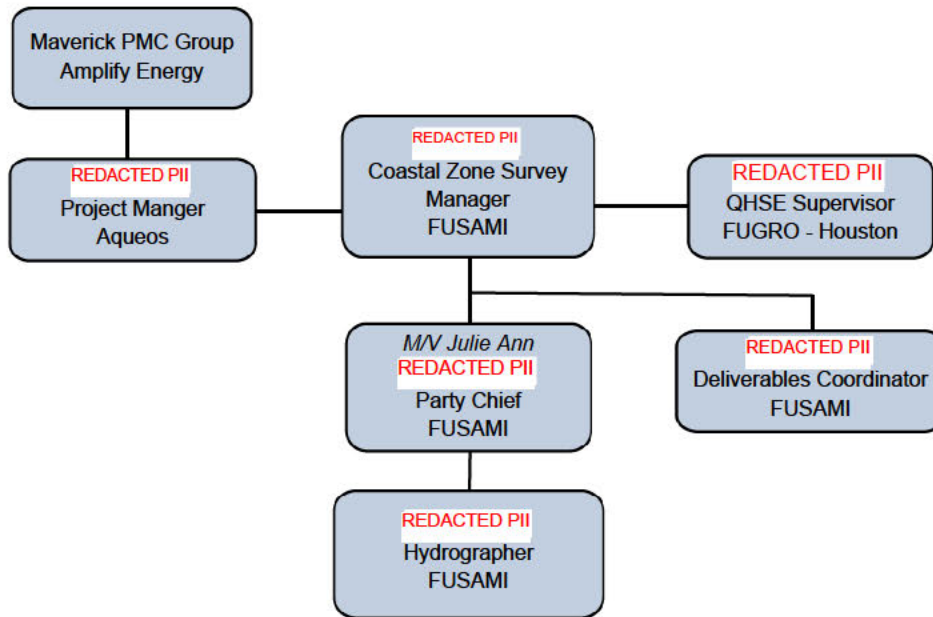


Figure 2.2: MBES Survey Project Organization

2.4 Field Personnel

As the Party Chief, REDACTED PII supervised and participated in the data acquisition. REDACTED PII

REDACTED PII was the Hydrographic Surveyor onboard when the vessel performed multibeam operations.

Survey operations were also overseen by a Company representative for Maverick PMC Group during the data acquisition activities.

2.5 Vessel Details

Equipment systems were mobilized onboard the *M/V Danny C* (Figure 2.3: *M/V Danny C*). The *Danny C* is a 48' generic cargo steel hull vessel built in 1960.



Figure 2.3: *M/V Danny C*

2.6 Survey Equipment

The *M/V Danny C* was mobilized with the following equipment for the survey:

- Navigation Software – HYPACK HYSWEEP Survey Acquisition Software
- Primary Positioning - Applanix POS MV Inertial Navigation System
- Secondary Positioning - Trimble BX992 GNSS unit
- Valeport Swift Sound Velocity Profiler (plus spare onsite)
- Norbit i77 Winghead Multibeam System

2.7 Geospatial Information

The following is the project geodesy and vertical reference for final data deliverables:

- Projection: State Plane
- Zone: California Zone 5
- Datum: NAD83
- Vertical reference: MLLW
- Units: U.S. Survey Feet

2.8 Run Lines

2.8.1 Focused Survey of the As-Found Area of Displacement

Nine survey lines were run parallel to the pipeline alignment in the area of interest (as-found location of displacement) for a length of approximately 8,500 feet. The survey in the area of interest provided coverage out to 160 feet on the West side of original pipeline location, and 250 feet to the East of the original pipeline location, and in depths that ranged from 80 to 110 feet.

2.8.2 Survey from Area of Displacement to Platform Elly

Once the focus survey was complete, two survey lines were run parallel to the pipeline alignment from the area of displacement to Platform Elly, one on each side of the pipeline route. These lines provide coverage out to 60 feet on each side of the pipeline in the shallower area near the PL displacement, to out to 100 feet on each side near the platform.

3. Field Procedures

3.1 Vessel Reference Frame

All systems on the vessel were mounted relative to the XYZ vessel reference frame (VRF) as seen in Figure 3.1: Vessel Reference Frame. The Y-axis being the fore-aft center line (forward positive), the X-axis running horizontally perpendicular to the Y-axis through the common reference point (CRP), with starboard being positive. The Z-axis is vertically perpendicular to the CRP, with upwards being positive. The HYPACK HYSWEEP acquisition software uses this reference frame to correct vessel nodes for position. The POS MV uses a rotated reference frame whereby the X-axis is the fore-aft center line and the Y-axis runs perpendicular to the X-axis through the CRP and the Z-axis is positive downwards from the CRP to correct for attitude and heading.

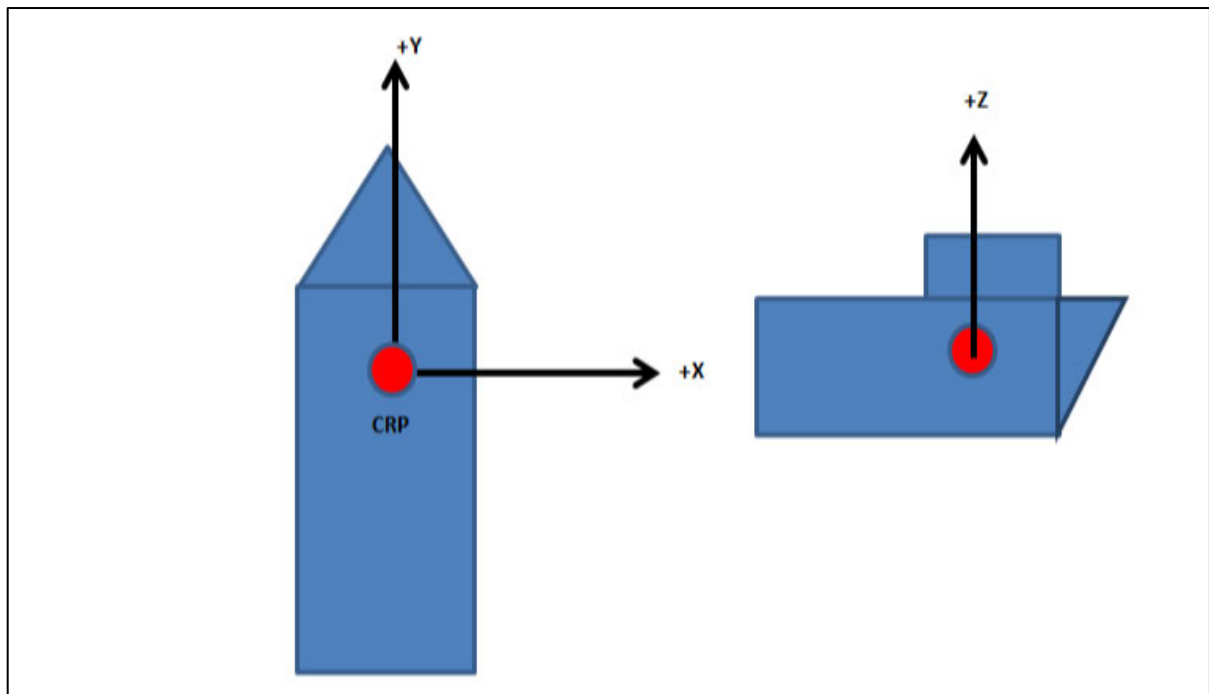


Figure 3.1: Vessel Reference Frame

3.2 Equipment Offsets

Table 3.1: Table of Offsets Relative to Vessel CRP Contains the equipment offsets used during acquisition.

Table 3.1: Table of Offsets Relative to Vessel CRP/IMU

| Description | X [m] | Y [m] | Z [m] |
|--------------------------------------|--------|-------|---------|
| CRP/IMU | 0.000 | 0.000 | 0.000 |
| POS GNSS Primary Antenna | -0.955 | 0.000 | -3.699 |
| POS GNSS Secondary Antenna | 1.046 | 0.000 | -3.6699 |
| Norbit Winghead MBES Acoustic Center | 0.092 | 0.000 | -0.040 |

3.3 Positioning and Navigation

The Applanix POS MV Inertial Navigation System consisted of two GPS antennas, a processor (Winghead Integrated Sonar Interface Unit), and an underwater Inertial Measurement Unit (IMU) integrated in the MBES. All systems were located on the Norbit PORTUS pole which was mounted on the port side of the *M/V Danny C.*

The integrated IMU is housed inside the projector, resulting in a very compact system. The POS MV provided GNSS-based vessel attitude to 0.02° accuracy, roll and pitch to 0.02° accuracy and heave to 0.05 m accuracy.

3.3.1 Horizontal Corrections

Primary positioning was provided by the POS MV system, with differential corrections being provided by a Trimble BX992 GNSS receiver (Fugro G2+ signal). The POS MV was interfaced with HYPACK navigation for positioning.

All data were acquired in UTM Zone 11 meters and were then re-projected to California State Plane, Zone 5, meters during data processing.

3.3.2 Vertical Corrections

Vertical corrections were provided using an SBET (Smooth Best Estimated Trajectory) file created from inertial navigation data logged on the vessel during survey data acquisition. POSPAC software used navigation data and single base station data (downloaded from CORS stations) to produce a SBET file. As an additional Quality Control (QC) measure, soundings obtained were compared to data corrected using local tidal information.

3.4 Multibeam Bathymetry

3.4.1 MBES System Description

Fugro utilized the Norbit Winghead i77 multibeam system, a compact ultra-high resolution curved array broadband multibeam sonar offering tight integration with GNSS/INS (Applanix

OceanMaster). The Applanix POS MV was used to provide motion, attitude, and timing for the MBES system.

For the pipeline inspections, the Norbit Winghead i77 was operated in Pipeline Mode which provided granular high-resolution information about the pipe itself, the pipe surface, as well as around the pipe to help anticipate and quantify potential risks.

3.4.2 MBES Calibration

A patch test was conducted by acquiring test lines to determine pitch, roll, and yaw corrections to apply to the data.

Resulting corrections from the patch test can be found in Table 3.2: Patch Test Results and the testing results displaying the raw and corrected data for each phase of the test are shown from Figure 3.2: Pitch Test- through Figure 3.7: Yaw Test- After Correction.

Table 3.2: Patch Test Results

| | Pitch | Roll | Yaw |
|-------------------|-------|-------|-------|
| Before Correction | 0.00° | 0.00° | 0.00° |
| After Correction | 0.00° | 0.10° | 2.50° |

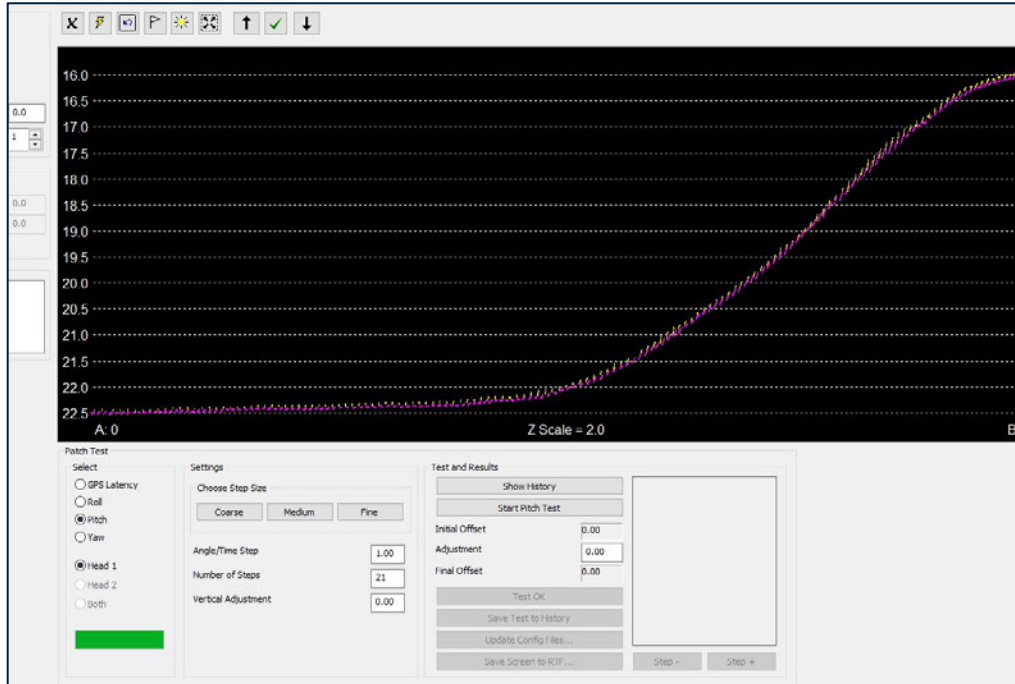


Figure 3.2: Pitch Test- Before Correction

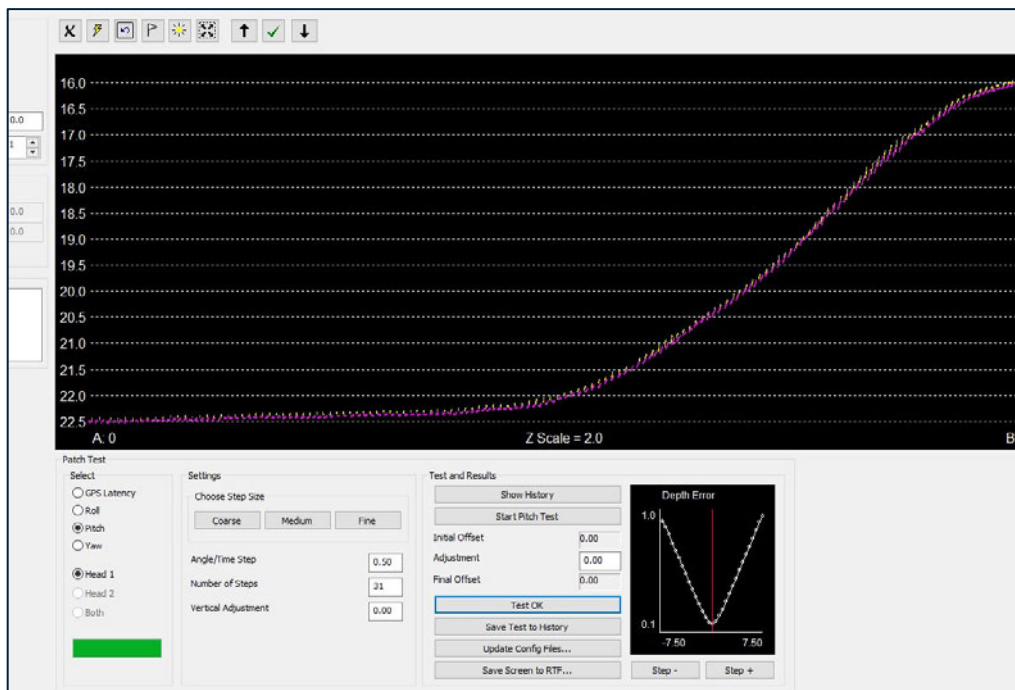


Figure 3.3: Pitch Test- After Correction

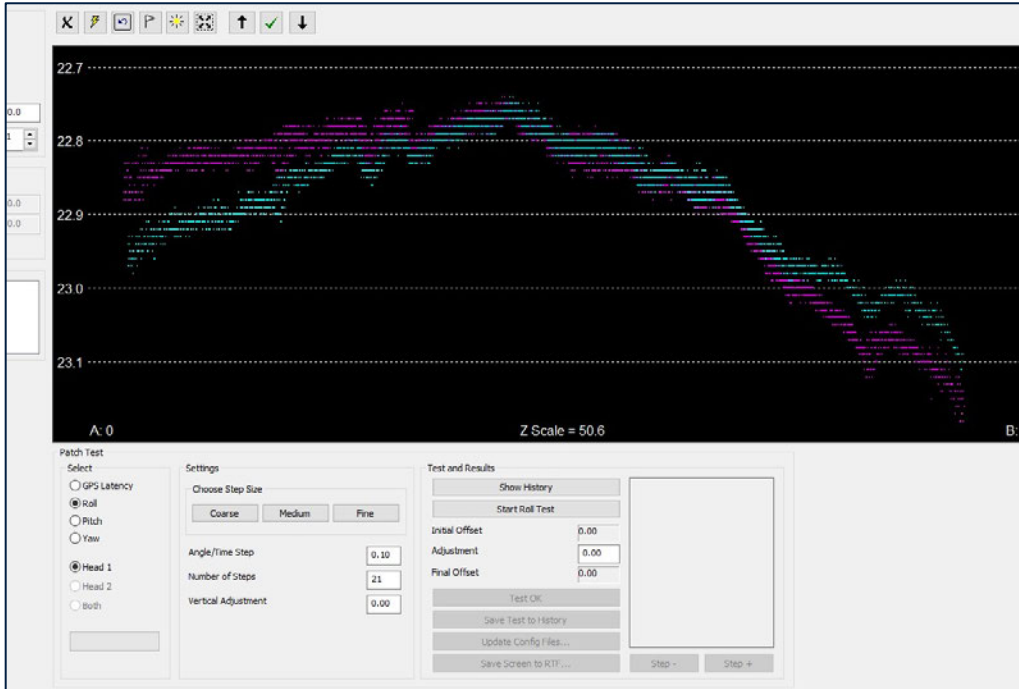


Figure 3.4: Roll Test- Before Correction

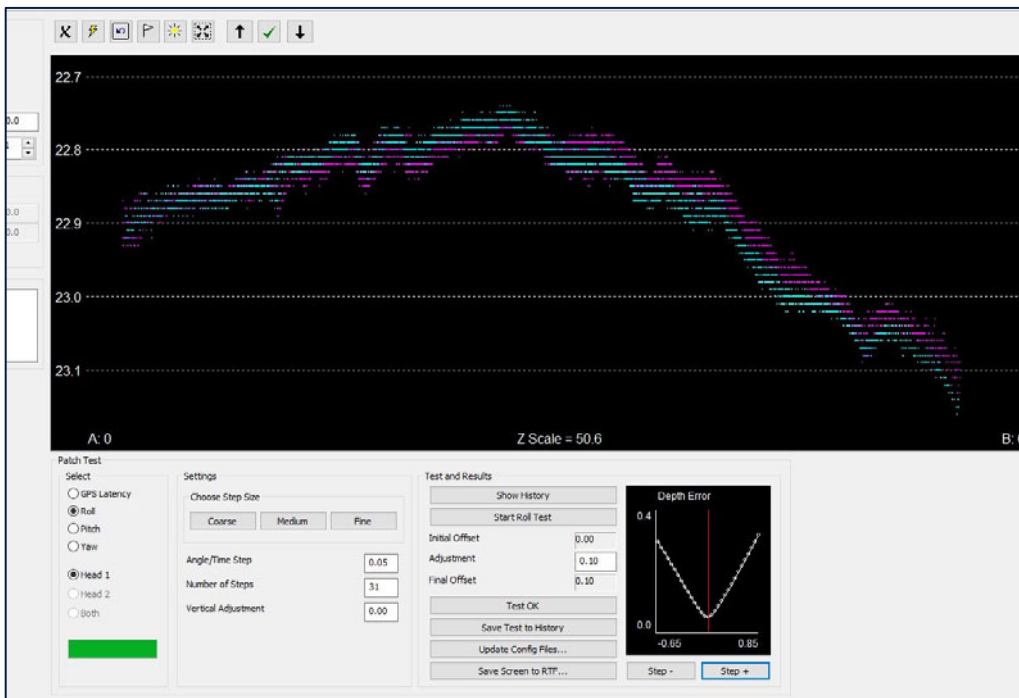


Figure 3.5: Roll Test- After Correction

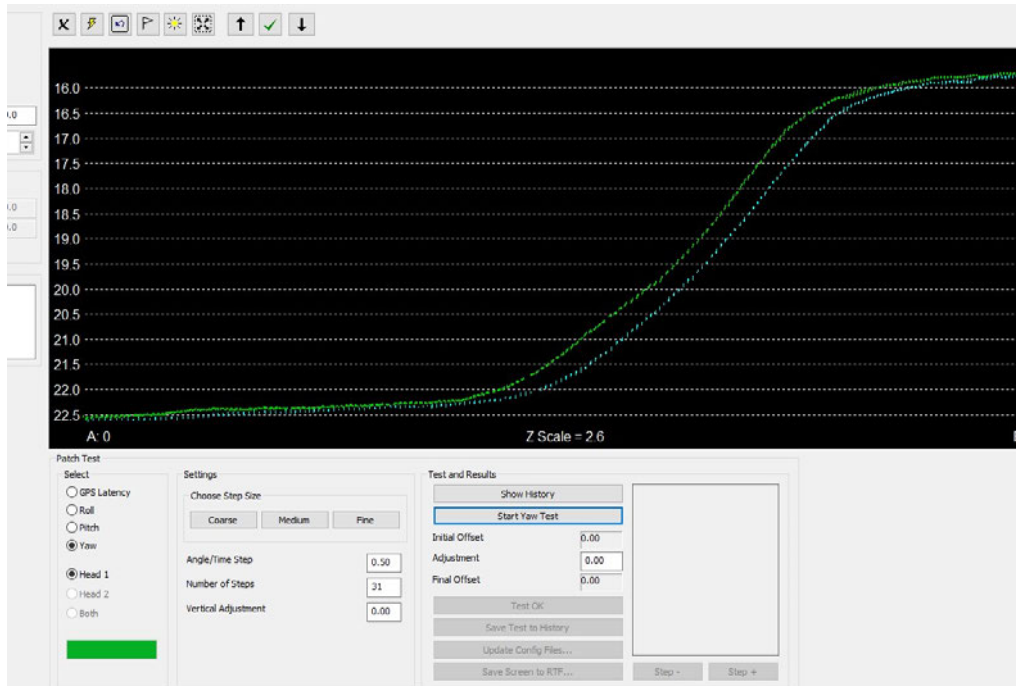


Figure 3.6: Yaw Test- Before Correction

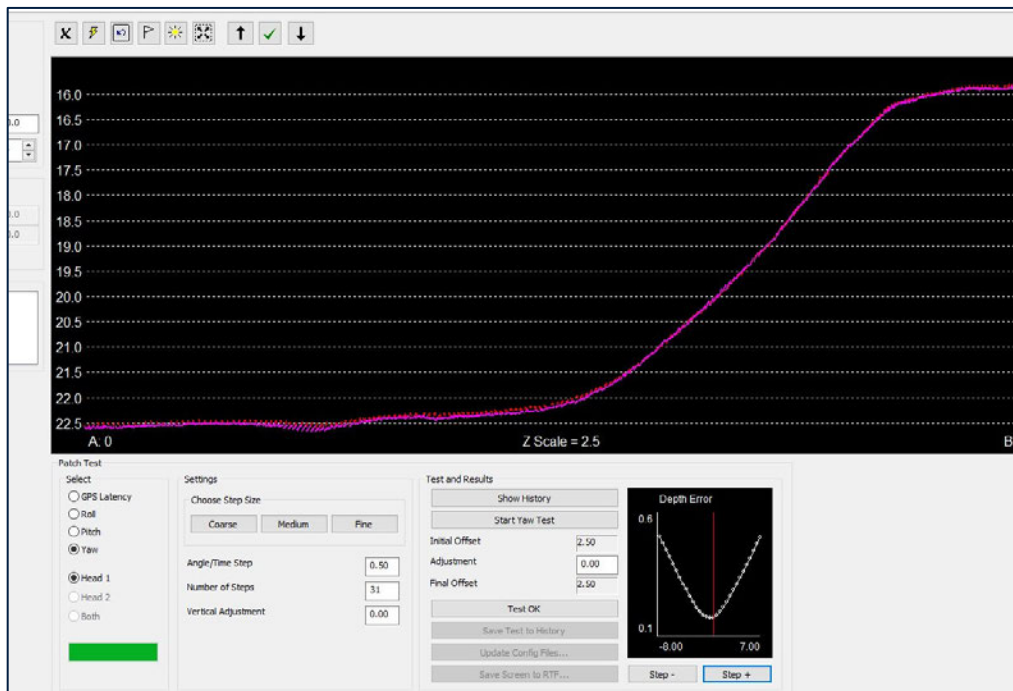


Figure 3.7: Yaw Test- After Correction

3.4.3 MBES Acquisition

Figure 3.8: Mobilized MB shows the MBES transceiver mounted on the acquisition pole that was attached to the port side of the vessel. During operations, the pole was lowered by the vessel davit and then secured in place.

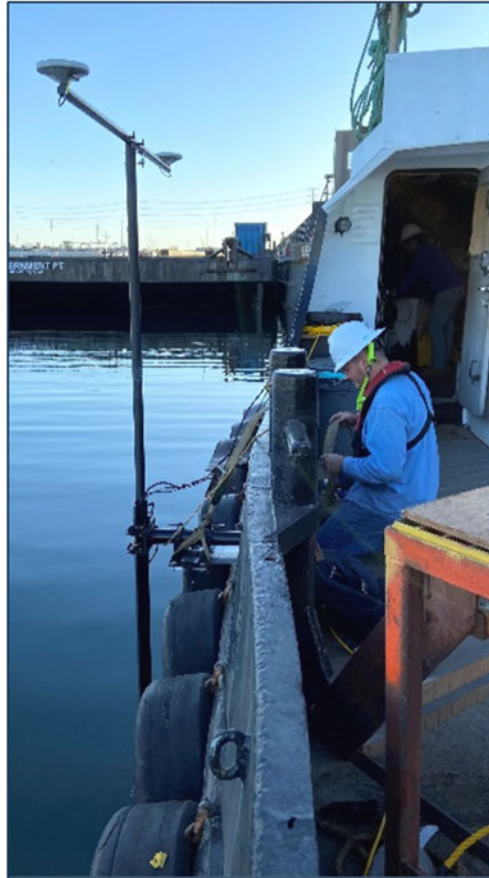


Figure 3.8: Mobilized MBES System

Sound velocity profiles were taken with the Valeport Swift Sound Velocity Profiler. SVP data were acquired every 1 to 3 hours (stationary profiling). An AML mini-SVP was secured on the transceiver mount to provide real-time sound velocity data at the sensor location.

4. Processing

4.1 Multibeam Data Processing

For the bathymetry, the HYSWEEP software package by HYPACK, Inc. was used to process and bin the raw data sets by first applying acquisition specific variables such as vessel offsets, seawater sound velocities, vessel draft, and system calibration (patch test) values and then editing the data to remove spurious soundings.

The field recorded raw sounding files were imported into HYSWEEP and the acquisition variables were entered into the vessel configuration file. Once the sounding files were imported, the appropriate SVP file was then loaded into each line and the line corrected for sound refraction. Concurrent with SVP corrections, the bathymetry data were also corrected for dynamic vessel heave, pitch, yaw, and roll. The attitude, heading, navigation, and bathymetry data were then examined for noise and gaps. Nadir beam filters were used to reject data from the outer reaches of the swaths.

After each individual line was examined and cleaned in the HYSWEEP Swath editor, the lines were merged, and draft corrections were applied. Adjacent overlapping lines of corrected bathymetry data were examined to identify any vertical offsets, data gaps, sound velocity, and motion errors. Any residual noise in the data set was also rejected at this time. PosPac software was utilized to create a SBET file to adjust both the horizontal and vertical position of the data set.

Horizontal positioning was converted to NAD83 California State Plane Zone 5 meters. The vertical datum stayed in MLLW.

4.2 Pipeline Digitization

The digitization of the 3D pipeline was obtained by using the Digital Terrain Model (DTM) and a 3D pipe model from the scan-based pipeline in NaviModel software.

The DTM full resolution generated from the multibeam bathymetric data was used with a cell size of 0.14m for the resulting terrain mode.

Once the DTM was generated, and in order to support the pipeline post-processing task, pipe information was added, specifically the diameter to use when generating the pipe object. An 18" Outer Diameter (OD) was used for the concrete coated pipe. In addition, the input of the secondary file of a runline was used to set up intervals for the determination of the pipe object via digitization.

On the DTM, a fill secondary cell for filling of neighboring points was used for visualization purposes only.

On the post-processing phase, the pipeline XYZ position was manually digitized by placing pipe markers on the exposed pipeline seen on the DTM in the form of a crest from the exposed pipe.

To further assist in the digitization, the snap functionality was used since the bathymetric data/DTM showed a well-defined pipe crest. The snap function used the OD of the defined snap window width for the pipeline and placed the digitized pipe markers on the highest point, Top Of Pipe (TOP). Once all pipe markers were completed, a digitized line was generated to act as the digitized pipe.

Once the pipe digitization was finalized, a QC was performed using a fly-by to identify any sections that needed to be modified using the DTM. When the pipe object was acceptable, the side flags were generated.

Left seabed inner and right seabed inner flags were placed to the left and the right of the pipe, respectively, relative to the pipe diameter. Left seabed outer and right seabed outer flags placed seven meters from the center of the digitized pipeline. Another QC was performed using the same method of fly-by to identify any flags that needed to be adjusted.

After all the post-processing was completed and accepted, the result was delivered on a five-point five containing the stationing, pipeline easting, pipeline northing, top of pipe depth, and side flags. See Appendix C for the final report.

5. QA (Quality Assurance) Practices

Onboard data QA was carried out on the *M/V Danny C*. Acquisition logs were used to document settings and other relevant information for the data collection using the MBES system. After data acquisition was complete, MBES data were reviewed for any data gaps, motion, sound velocity artifacts, or inconsistency between survey lines that could affect the quality of data.

A written daily progress report (DPR) was kept up to date providing a detailed record of all activities and events that occurred on-board the survey vessel. The performance of the survey instrumentation was constantly monitored, and data quality comments were recorded in the DPRs.

After field acquisition was completed, the data were processed at the Ventura based Fugro USA Marine office. During the processing phase, all aspects of the data were closely reviewed for any errors and cross-referenced with historic data, where available.

6. Health, Safety and Environment

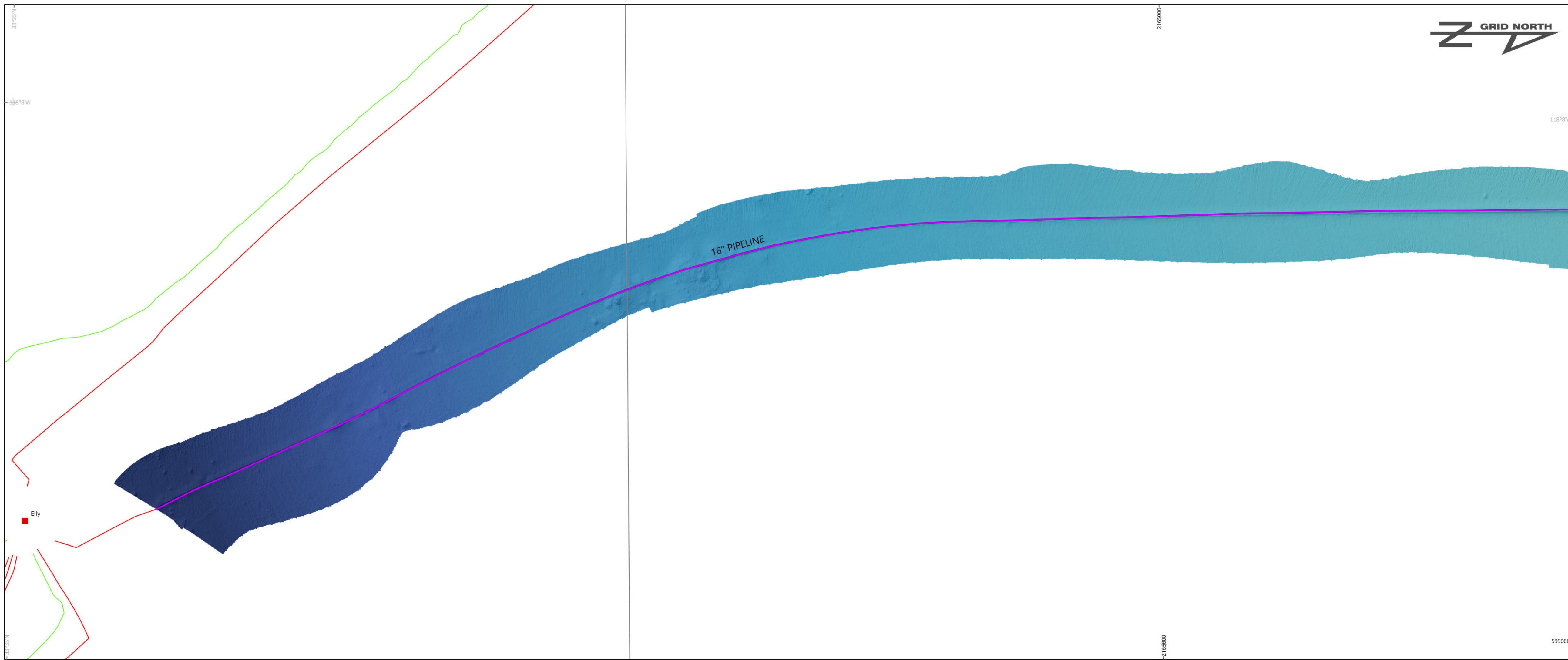
The survey was planned and carried out in conformance with Fugro's quality management system, which complies with the requirements of ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007. More detailed descriptions of specific survey techniques and procedures are contained within Fugro standard procedures (a component of Fugro's QHSE Manual - details of which can be inspected at the Fugro offices on request).

Upon joining the vessel, all crew members were given a vessel safety induction tour by the vessel master. All crew were required to wear lifejacket, safety boots, and gloves for all back-deck operations. Toolbox talks were performed daily for all equipment deployments and recoveries.

During operations, no incidents were reported. A hazard observation card (HOC) system was operated on board allowing crew to report unsafe acts, unsafe conditions, safe acts, or make HSE suggestions. No HOCs were submitted.

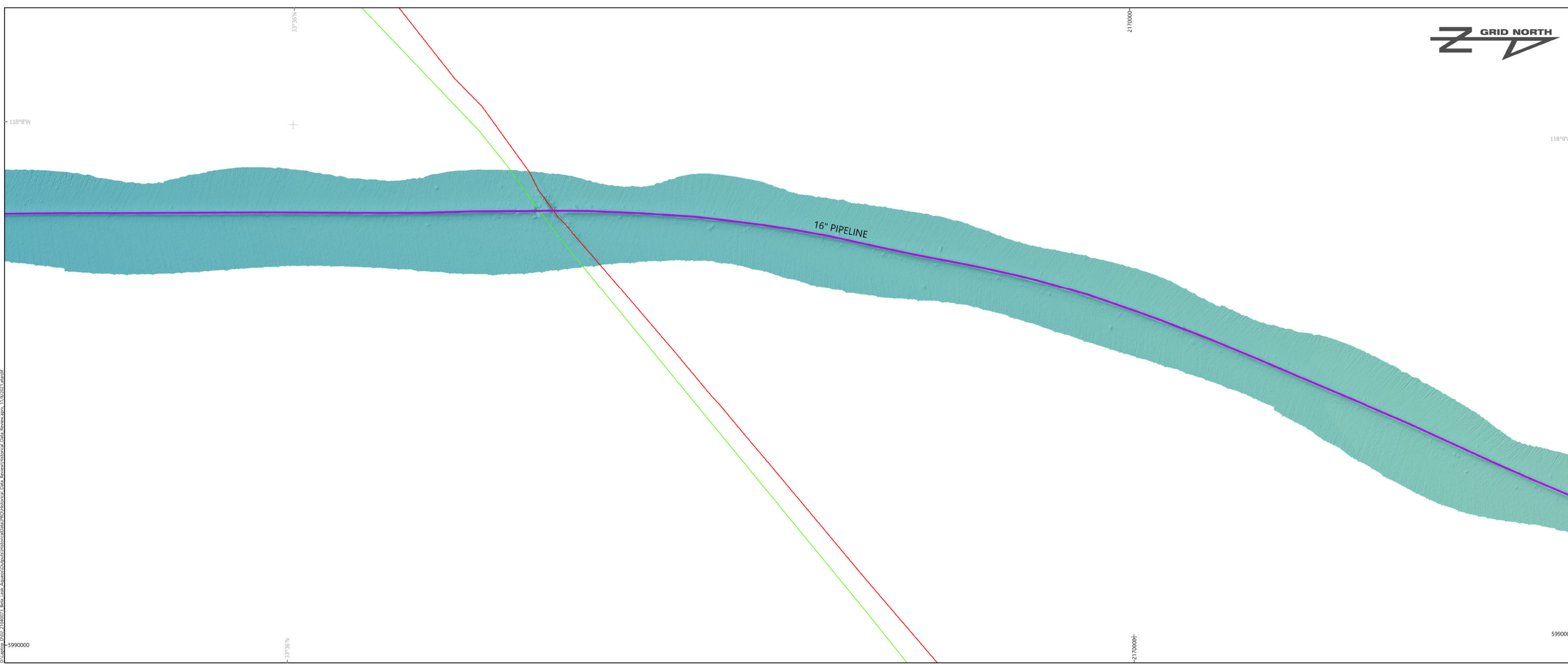
Appendix A

MBES Overview Charts



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LEGEND

BATHYMETRIC ELEVATIONS MLLW (FEET)

SURVEY FINDINGS

- PIPELINE ROUTE
- PIPELINE (MBES DIGITIZED 2021)
- SEABED SCAR / SCOUR
- PIPELINE DAMAGE (PD) LOCATION
- MSRC (MARINE SPILL RESPONSE CORPORATION) POINT OF INTEREST

STRUCTURE

- PLATFORM/damaged/salvaged
- POWER CABLE

- NOTES**
1. THE DIGITIZATION OF THE DISPLACED 16" PIPELINE IS OBTAINED BY USING THE DTM AND 3-D MODEL FROM THE SCAN-BASED PIPELINE IN NAVI-MODEL, AN EIVA SOFTWARE.
 2. THE LOCATION OF THE 16" OIL PIPELINE FROM PLATFORM ELLY TO DISPLACED PIPELINE SECTION WAS CREATED BY DIGITIZING THE PIPELINE BASED ON MBES DATA SET GRIDDED AT 0.25 M.
 3. PIPELINE DAMAGE LOCATION PER CLIENT IDENTIFICATION.
 4. PIPELINE ROUTE IS COMPILED FROM AS_BUILT AND HISTORICAL DATA.
 5. BATHYMETRIC DATA WERE COLLECTED ON OCTOBER 13, 2021 ABOARD M/V DANNY C.
 6. SUN-ILLUMINATED IMAGE FROM MULTIBEAM DATA SET GRIDDED AT 0.25 M DRAPPED OVER HILLSHADE BACKGROUND WITH VERTICAL EXAGGERATION OF 2.

AMPLIFY ENERGY - BETA OFFSHORE

**16" OIL PIPELINE BATHYMETRIC SURVEY
FROM PLATFORM ELLY TO AS-FOUND LOCATION
OF DISPLACED PIPELINE**

SAN PEDRO CHANNEL, CALIFORNIA

Geodetic Datum: NAD83
Projection: California Coordinate System Zone VI
(CCS- Lambert Conformal Conic Projection)
Grid Units: Foot US

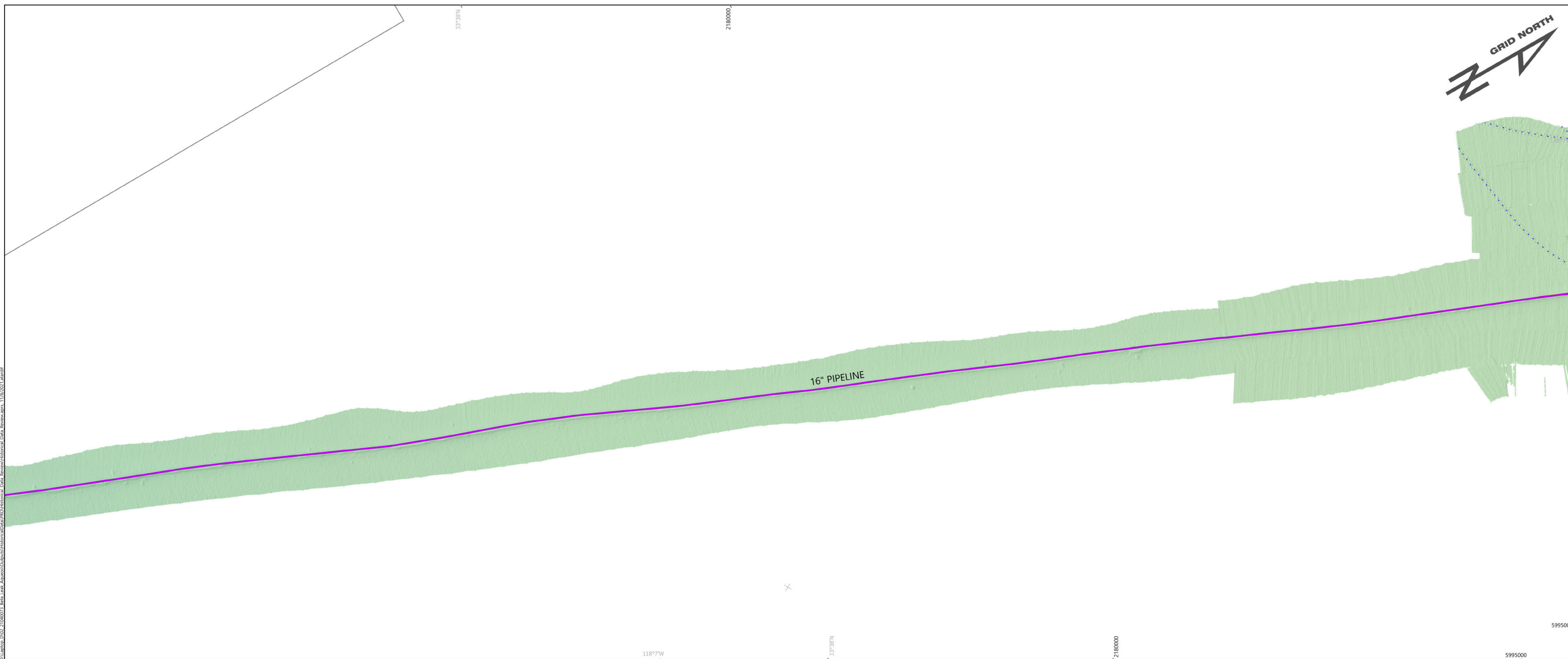
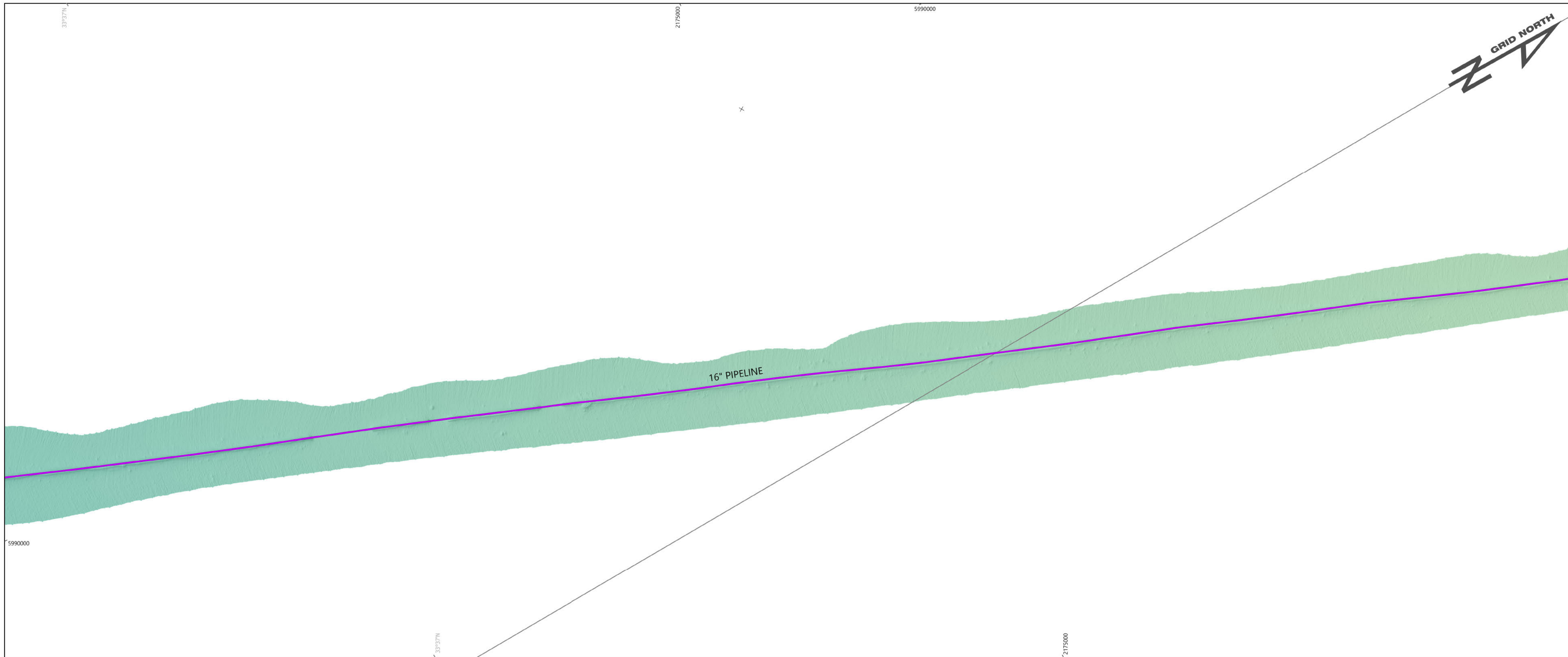
SCALE 1:2,400

FUGRO FUGRO USA MARINE
4820 McGrath St., Suite 100
Ventura, California 93003
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| Issue | Date | Description | Phase | Drawn | Checked | Appr |
|-------|------------|-------------|-------|-------|---------|------|
| 1 | 11/08/2021 | MBES SURVEY | 300 | AT | CP | EH |

Job No.: 02.21040073
DWG File: 02-21040073-SPC-P-MBES_Elly

Chart: 1 Of: 3
11/8/2021

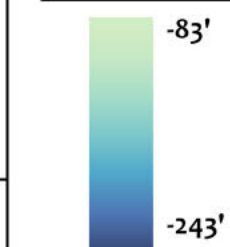


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LEGEND

BATHYMETRIC ELEVATIONS MLLW (FEET)



SURVEY FINDINGS

- PIPELINE ROUTE
- PIPELINE (MBES DIGITIZED 2021)
- - - - SEABED SCAR / SCOUR
- PIPELINE DAMAGE (PD) LOCATION
- MSRC (MARINE SPILL RESPONSE CORPORATION) POINT OF INTEREST

STRUCTURE

- ▲ PLATFORM/damaged/salvaged
- POWER CABLE

NOTES

1. THE DIGITIZATION OF THE DISPLACED 16" PIPELINE IS OBTAINED BY USING THE DTM AND 3-D MODEL FROM THE SCAN-BASED PIPELINE IN NAVI-MODEL, AN EIVA SOFTWARE.
2. THE LOCATION OF THE 16" OIL PIPELINE FROM PLATFORM ELLY TO DISPLACED PIPELINE SECTION WAS CREATED BY DIGITIZING THE PIPELINE BASED ON MBES DATA SET GRIDDED AT 0.25 M.
3. PIPELINE DAMAGE LOCATION PER CLIENT IDENTIFICATION.
4. PIPELINE ROUTE IS COMPILED FROM AS_BUILT AND HISTORICAL DATA.
5. BATHYMETRIC DATA WERE COLLECTED ON OCTOBER 13, 2021 ABOARD M/V DANNY C.
6. SUN-ILLUMINATED IMAGE FROM MULTIBEAM DATA SET GRIDDED AT 0.25 M DRAPPED OVER HILLSHADE BACKGROUND WITH VERTICAL EXAGGERATION OF 2.

AMPLIFY ENERGY - BETA OFFSHORE

16" OIL PIPELINE BATHYMETRIC SURVEY FROM PLATFORM ELLY TO AS-FOUND LOCATION OF DISPLACED PIPELINE

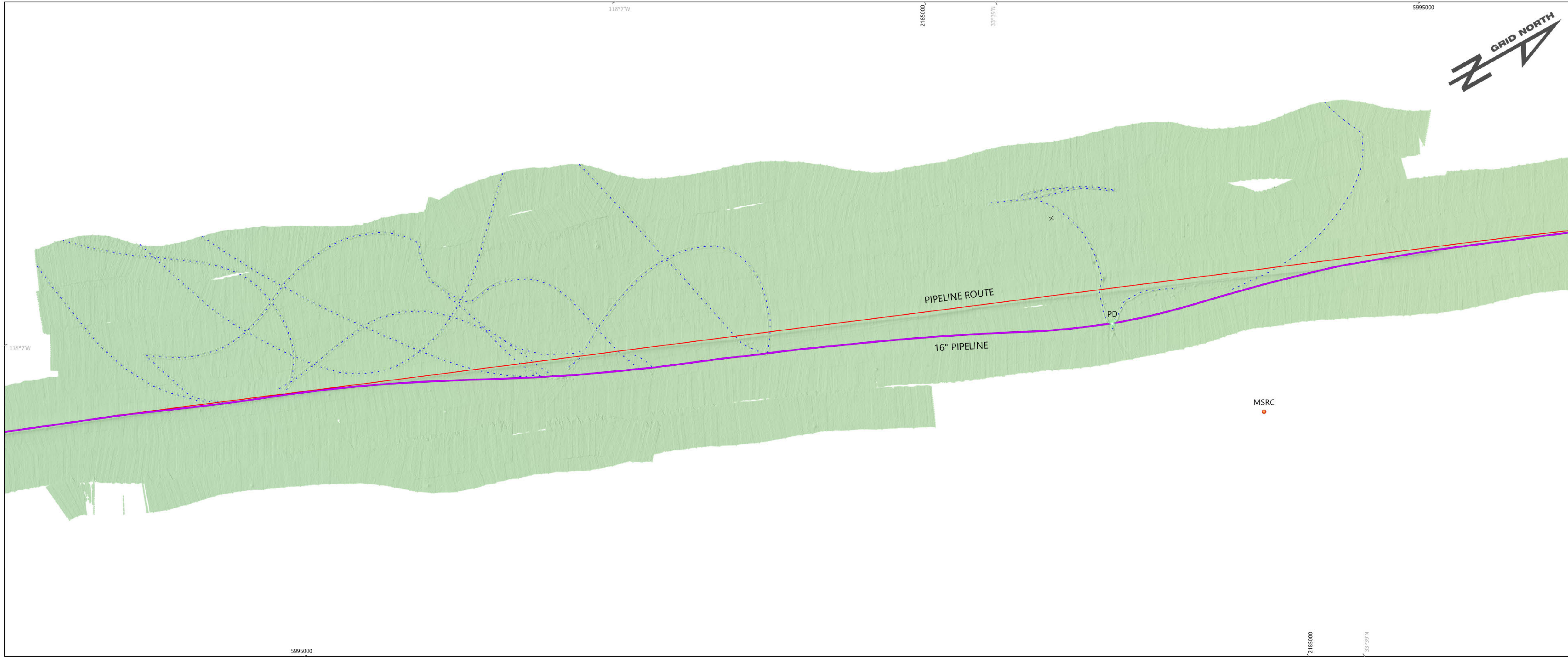
SAN PEDRO CHANNEL, CALIFORNIA

Geodetic Datum: NAD83
 Projection: California Coordinate System Zone VI (CCS- Lambert Conformal Conic Projection)
 Grid Units: Foot US



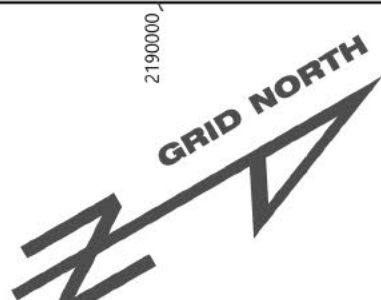
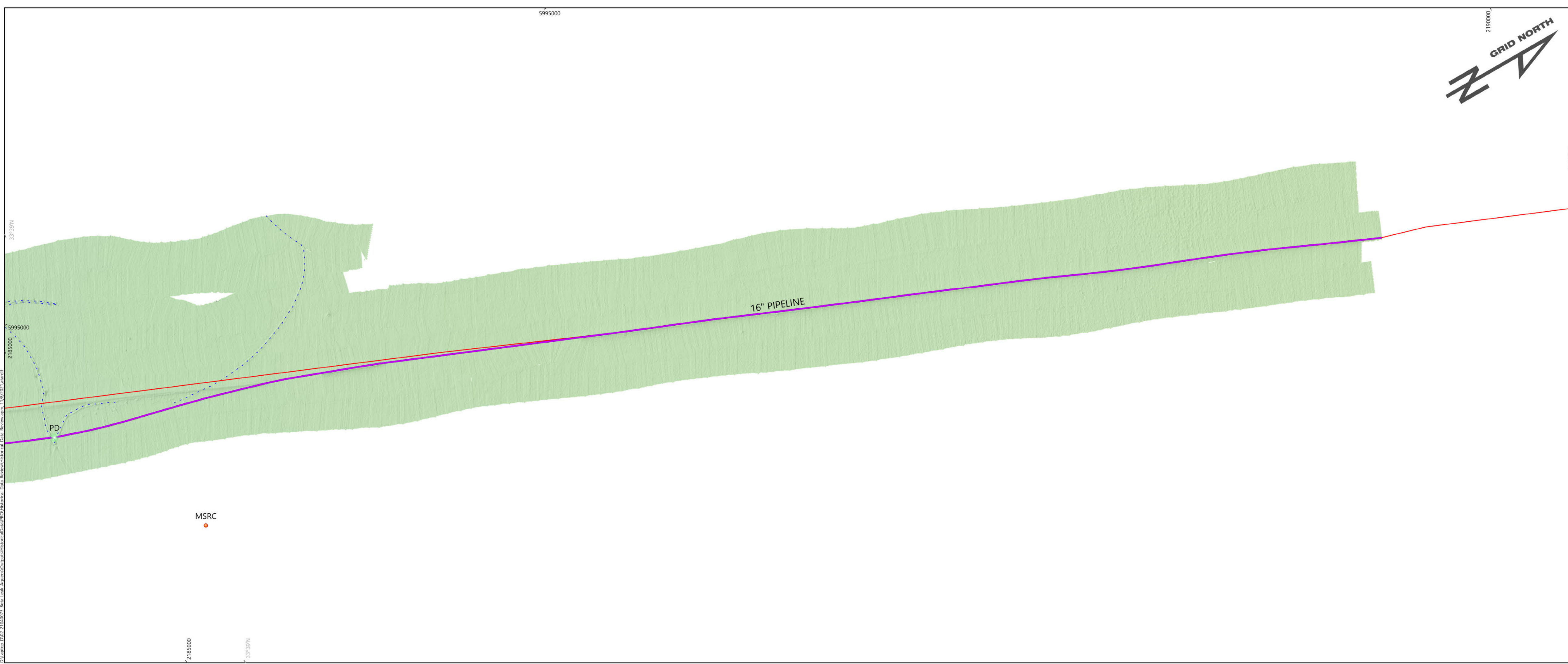
| Issue | Date | Description | Phase | Drawn | Checked | Appr |
|-------|------------|-------------|-------|-------|---------|------|
| 1 | 11/08/2021 | MBES SURVEY | 300 | AT | CP | EH |

Job No.: 02.21040073
 DWG File: 02-21040073-SPC-P-MBES_Elly
 Chart: 2 Of: 3
 11/8/2021



IMPORTANT - PLEASE NOTE

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2. This map has been prepared on the basis of information derived from "as-built" drawings and surveys prepared by other persons and entities; moreover, the services provided in the preparation of this map involve interpretation, judgement and opinion based upon inferences from inexact data and on sources of information supplied by other persons or entities for whom Fugro is not responsible. By reason of the foregoing agrees by its acceptance and use of this map that Fugro has no responsibility or liability for the consequences of any inaccuracy or deficiency in the map.
3. This map does not attempt to show the location or existence of any communication cables or of pipelines and objects not depicted on the information reviewed.
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LEGEND

BATHYMETRIC ELEVATIONS MLLW (FEET)

-83'

-243'

SURVEY FINDINGS

- PIPELINE ROUTE
- PIPELINE (MBES DIGITIZED 2021)
- SEABED SCAR / SCOUR
- PIPELINE DAMAGE (PD) LOCATION
- MSRC (MARINE SPILL RESPONSE CORPORATION) POINT OF INTEREST

STRUCTURE

- PLATFORM/damaged/salvaged
- POWER CABLE

- NOTES**
1. THE DIGITIZATION OF THE DISPLACED 16" PIPELINE IS OBTAINED BY USING THE DTM AND 3-D MODEL FROM THE SCAN-BASED PIPELINE IN NAVI-MODEL, AN EIVA SOFTWARE.
 2. THE LOCATION OF THE 16" OIL PIPELINE FROM PLATFORM ELLY TO DISPLACED PIPELINE SECTION WAS CREATED BY DIGITIZING THE PIPELINE BASED ON MBES DATA SET GRIDDED AT 0.25 M.
 3. PIPELINE DAMAGE LOCATION PER CLIENT IDENTIFICATION.
 4. PIPELINE ROUTE IS COMPILED FROM AS_BUILT AND HISTORICAL DATA.
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 6. SUN-ILLUMINATED IMAGE FROM MULTIBEAM DATA SET GRIDDED AT 0.25 M DRAPPED OVER HILLSHADE BACKGROUND WITH VERTICAL EXAGGERATION OF 2.

AMPLIFY ENERGY - BETA OFFSHORE

16" OIL PIPELINE BATHYMETRIC SURVEY FROM PLATFORM ELLY TO AS-FOUND LOCATION OF DISPLACED PIPELINE

SAN PEDRO CHANNEL, CALIFORNIA

Geodetic Datum: NAD83
 Projection: California Coordinate System Zone VI (CCS- Lambert Conformal Conic Projection)
 Grid Units: Foot US

SCALE 1:2,400

0 200 400 FEET

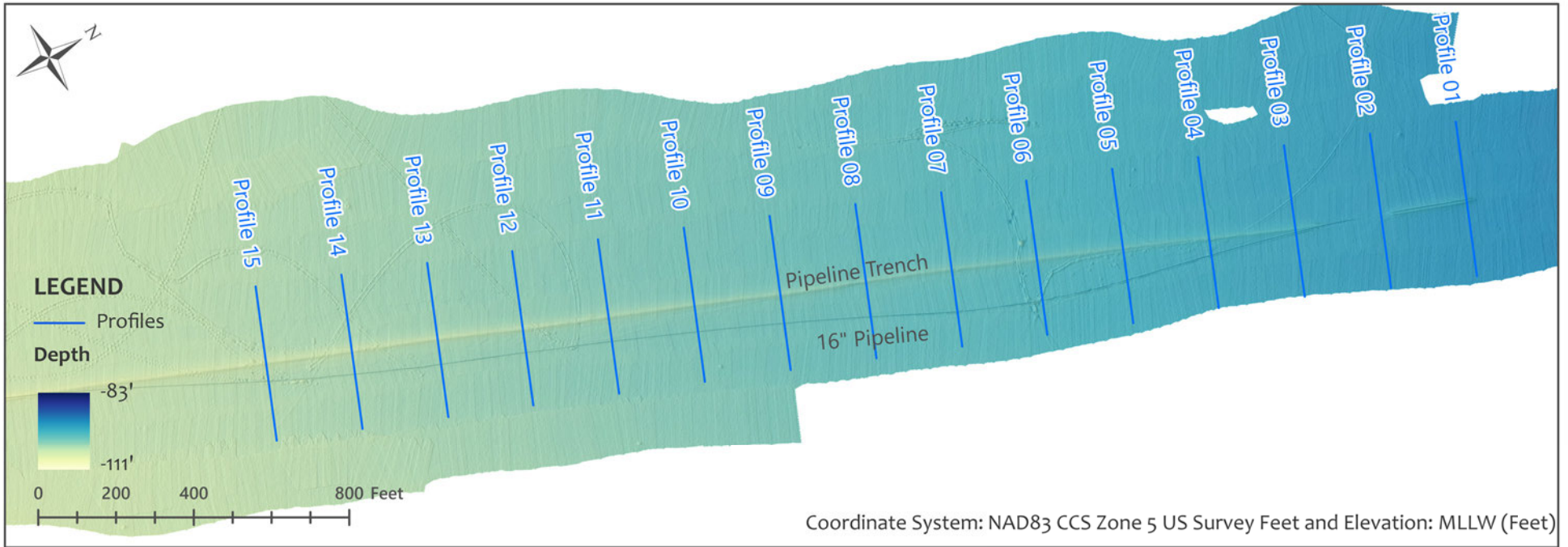


| Issue | Date | Description | Phase | Drawn | Checked | Appr |
|-------|------------|-------------|-------|-------|---------|------|
| 1 | 11/08/2021 | MBES SURVEY | 300 | AT | CP | EH |

Job No.: 02.21040073 Chart: 3 Of: 3
 DWG File: 02-21040073-SPC-P-MBES_Elly 11/8/2021

Appendix B

Pipeline Profile Booklet



Notes:

Bathymetric surface is in feet and referenced to MLLW.

Survey equipment utilized during data acquisition:

- MBES Norbit Winghead i77h
- POS MV Inertial Navigation System Ver 5
- Trimble BX992 Receiver

Sun-illuminated surface data gridded at 0.25 m (with no exaggeration (Z) on elevation) draped over hillshade background (Z value set at 2).

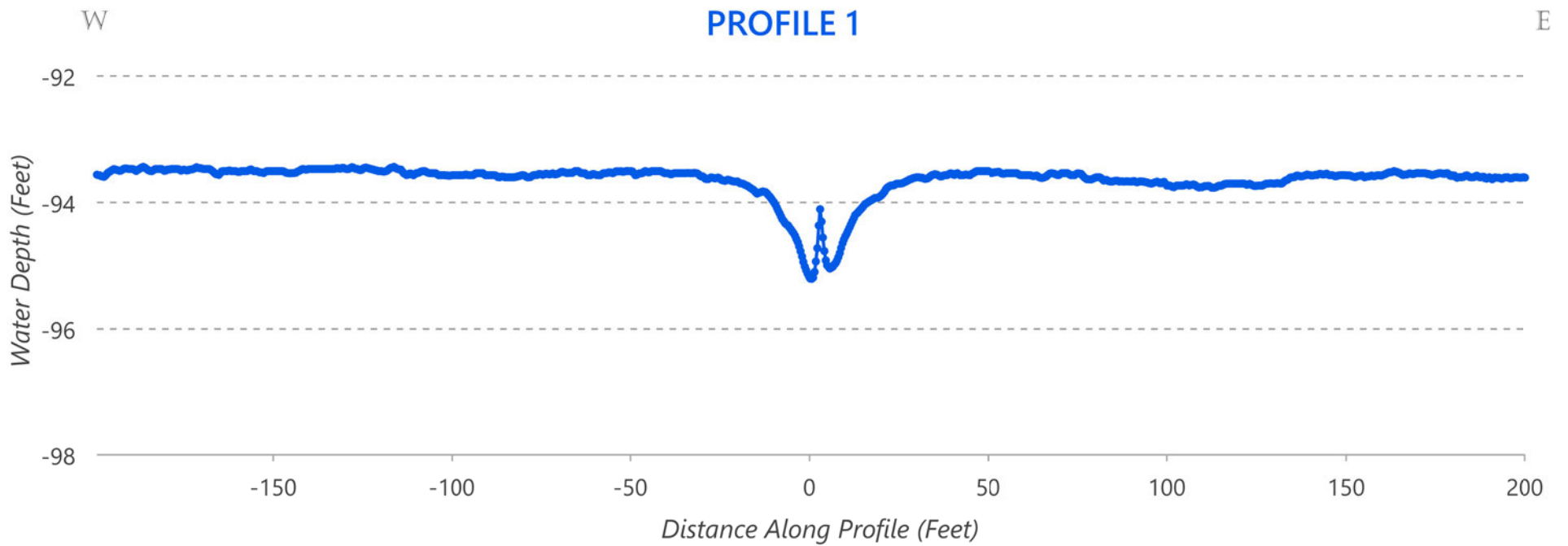
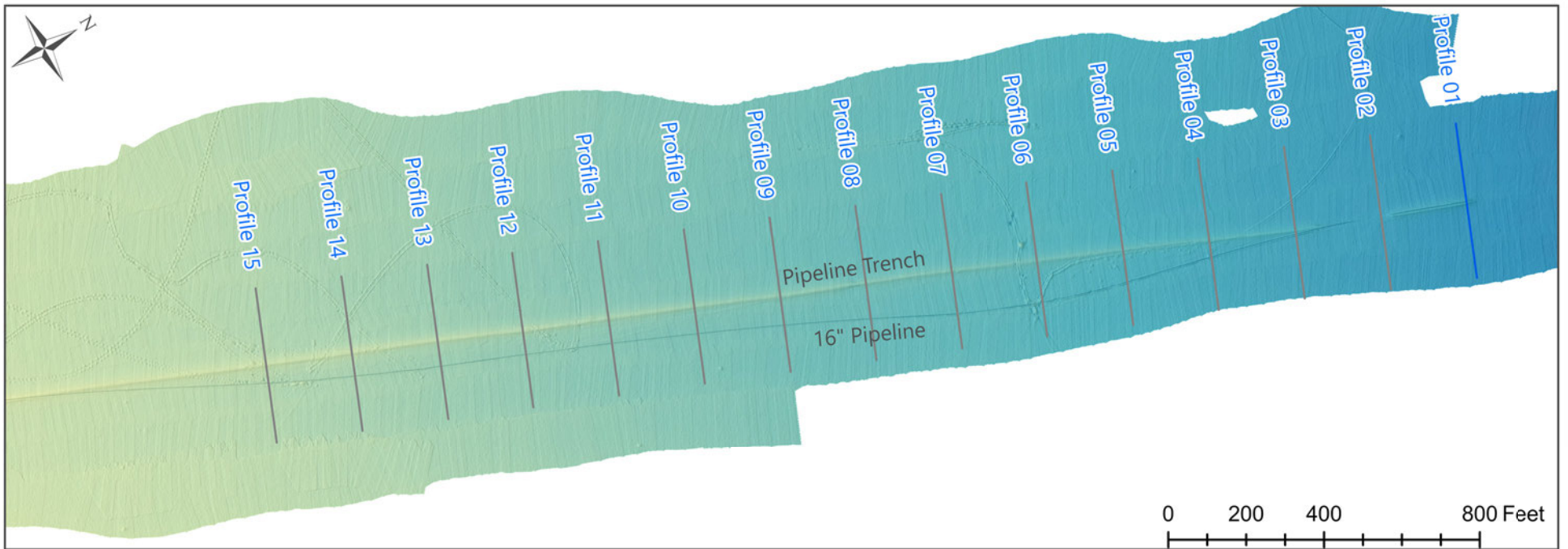


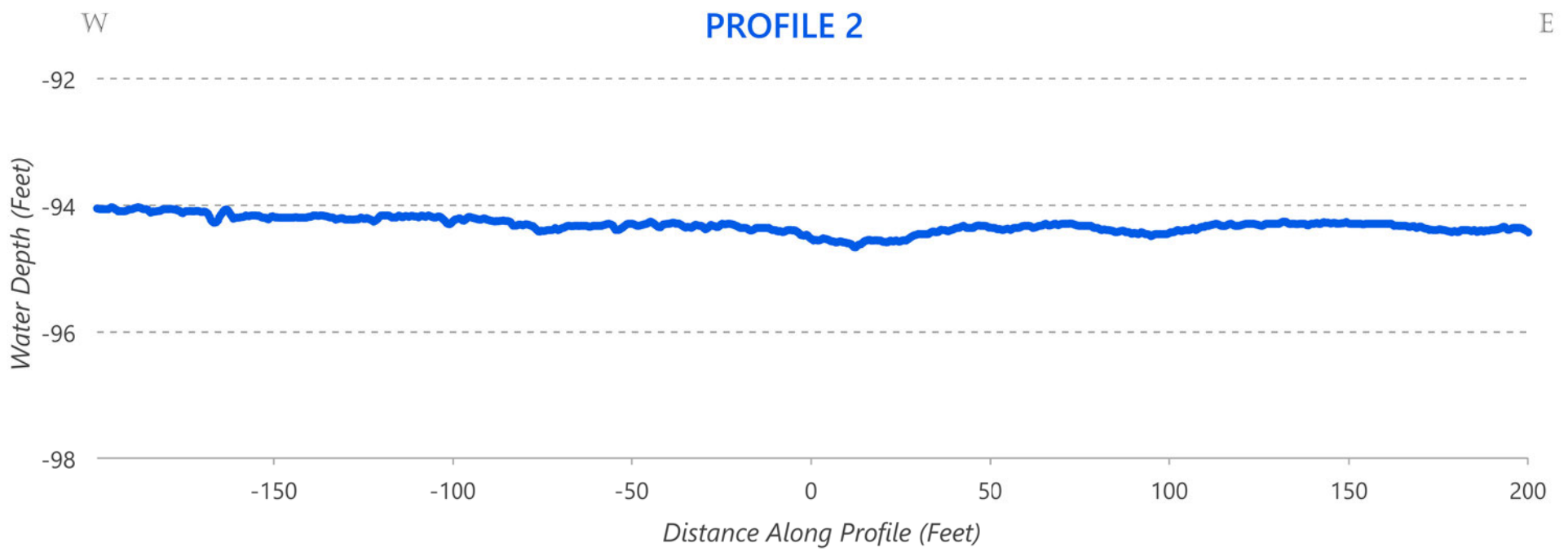
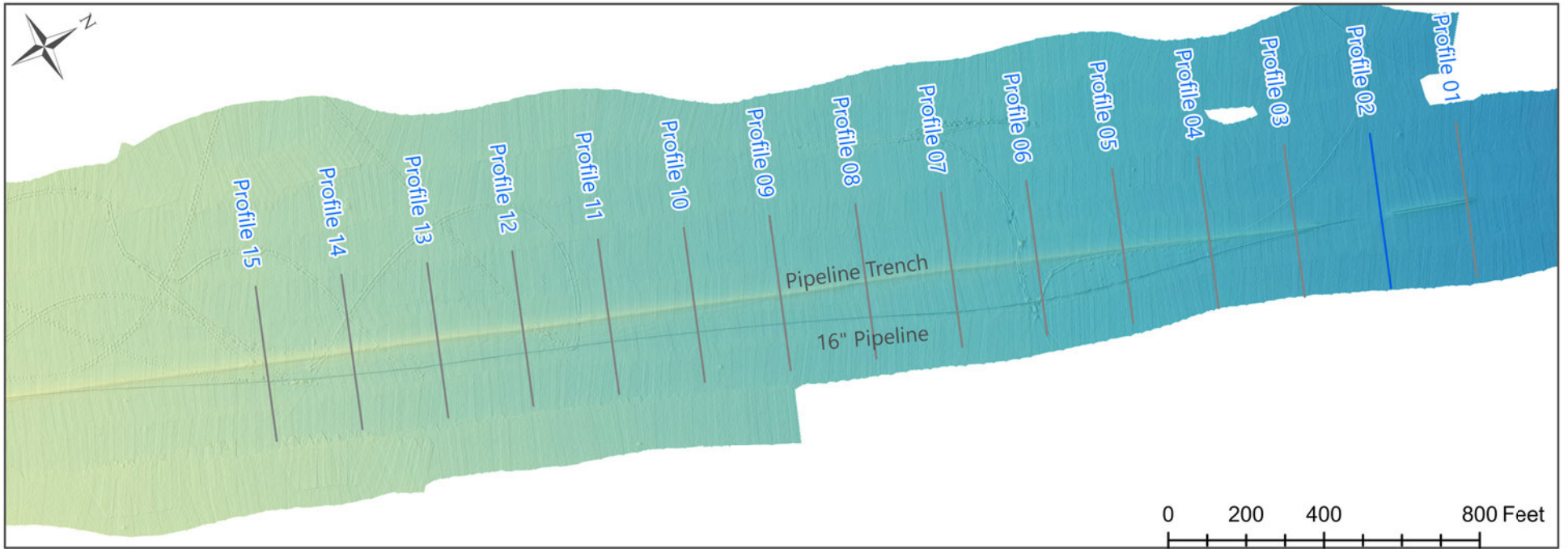
KEY MAP

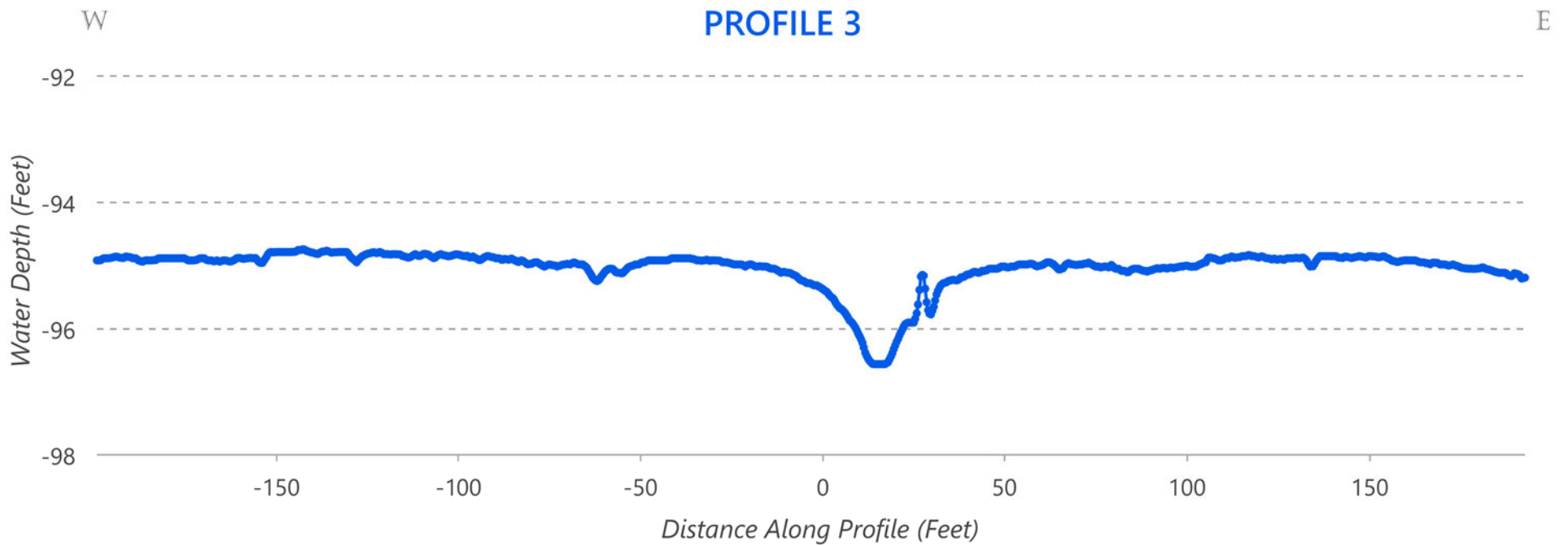
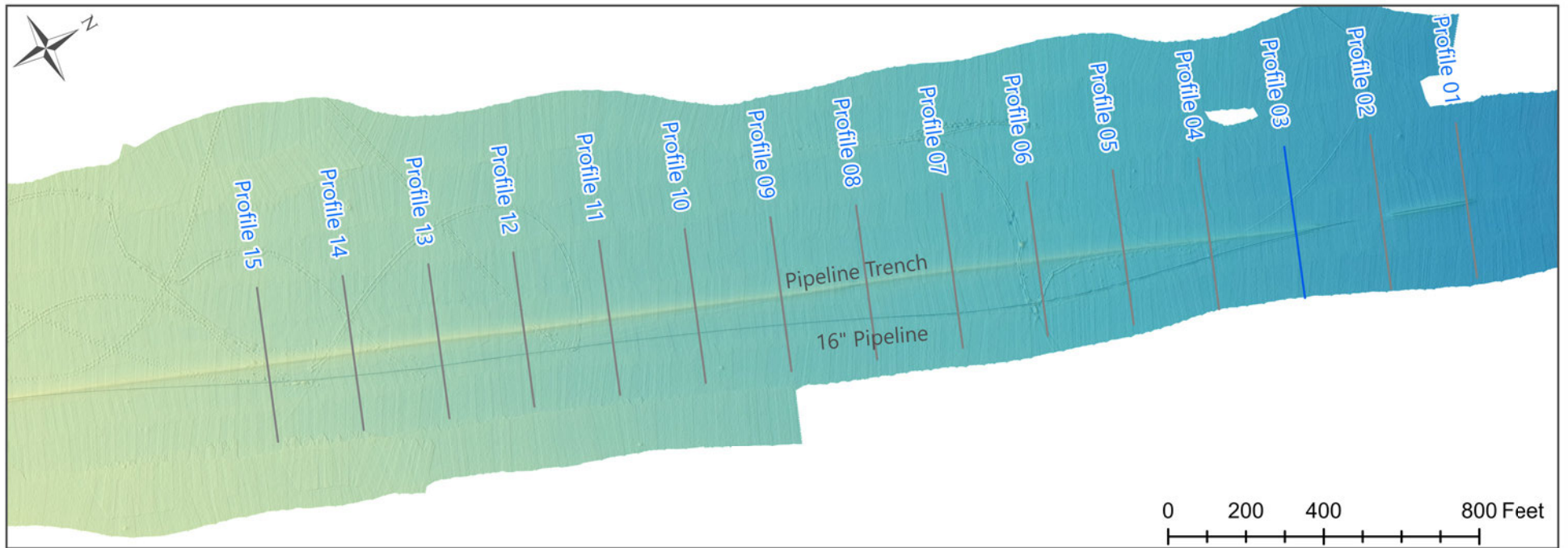
PLATFORM ELLY TO SHORE 16" DISPLACED PIPELINE PROFILE EXPLORATION

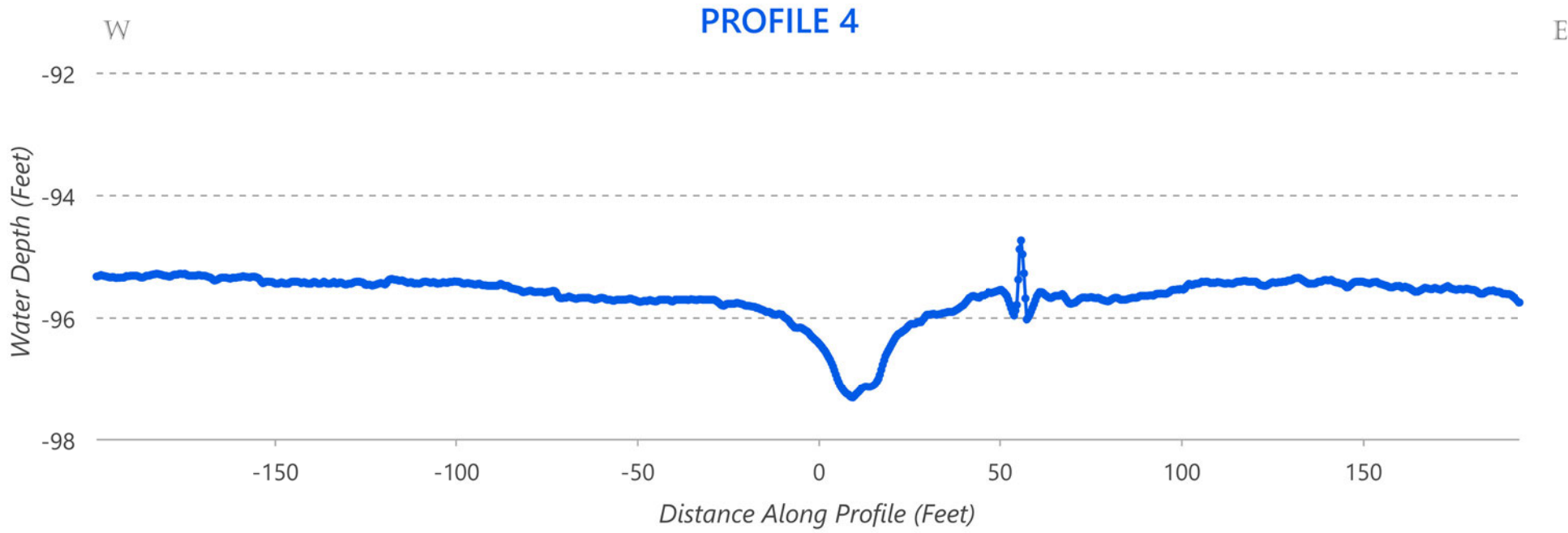
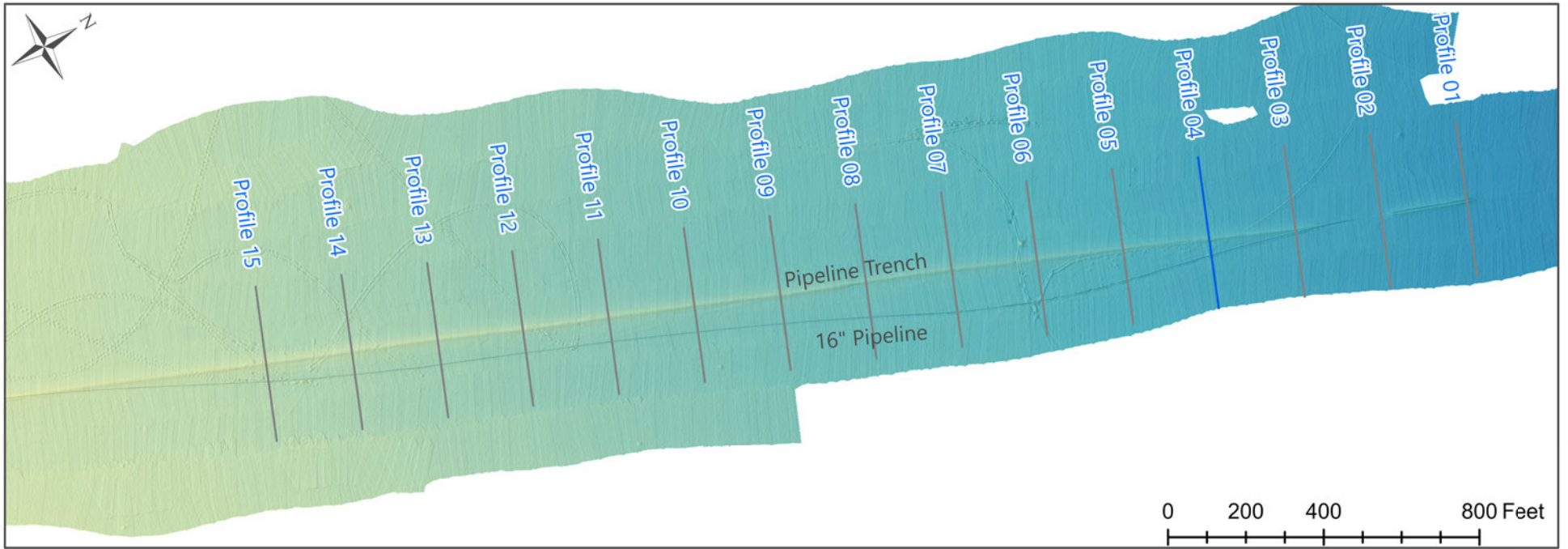
OCTOBER 2021

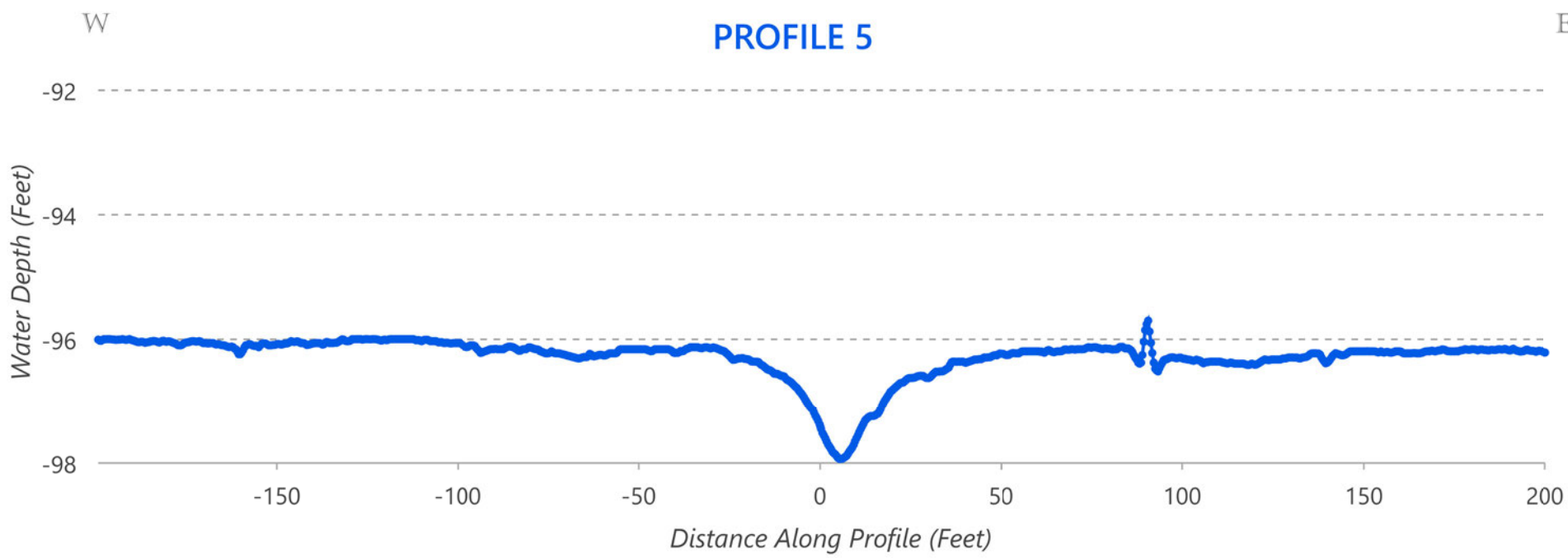
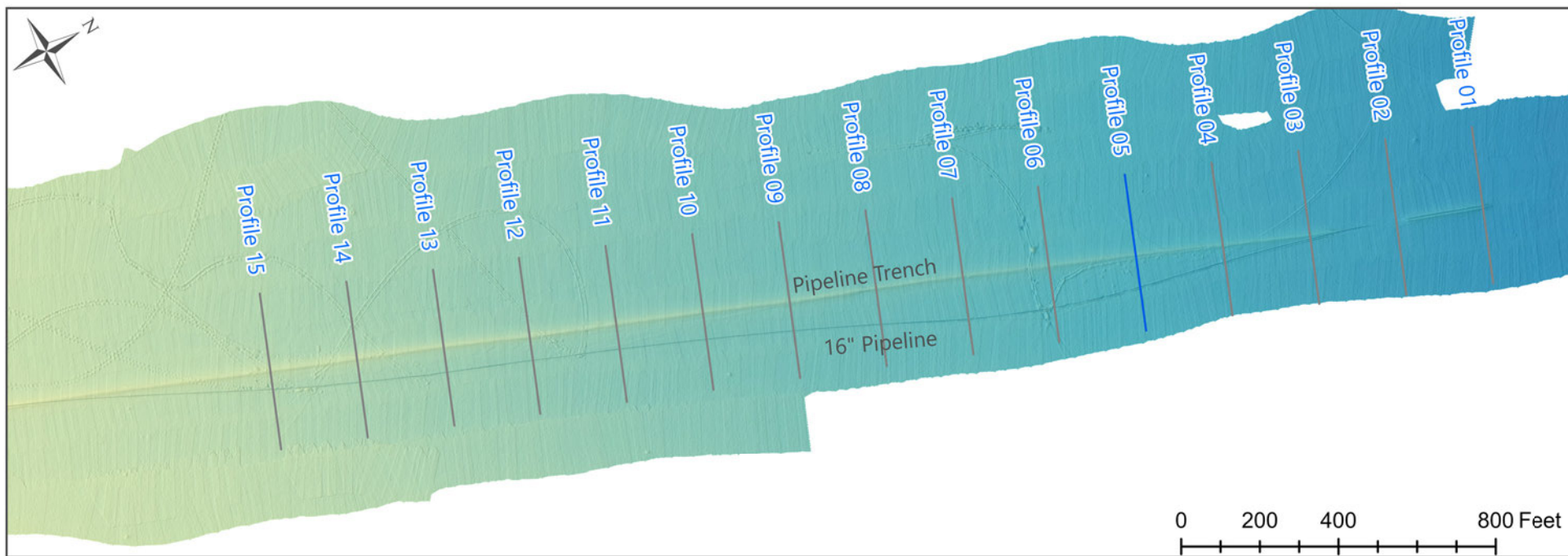


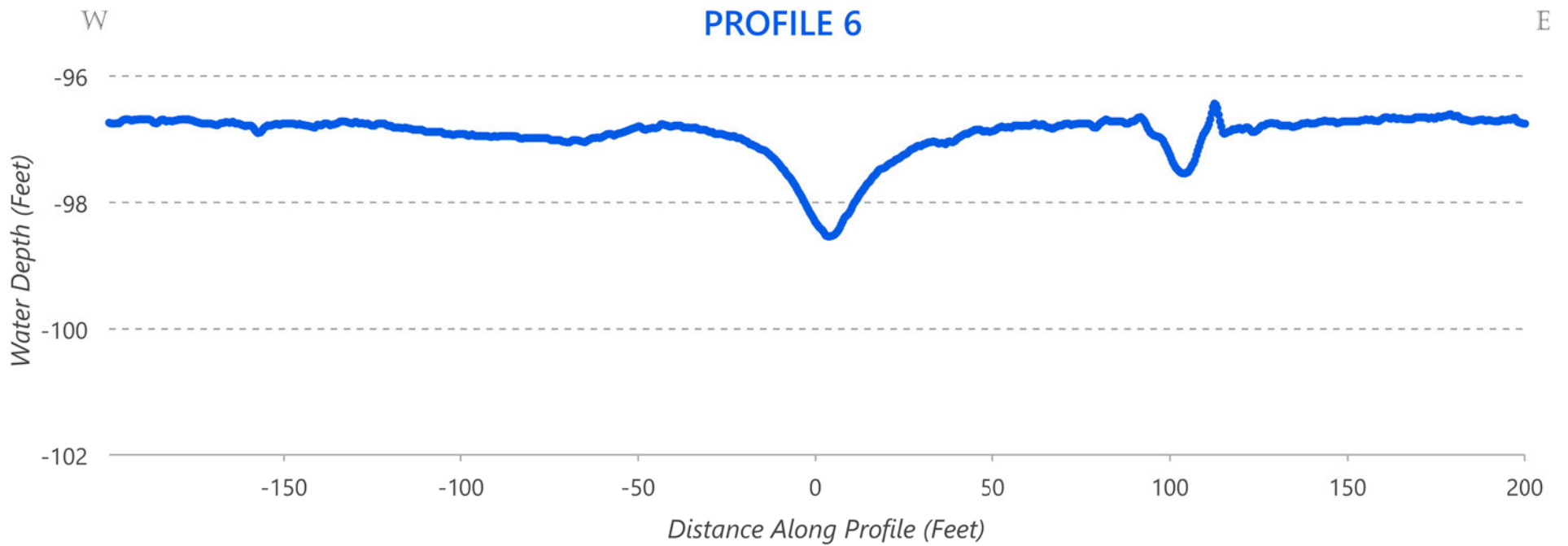
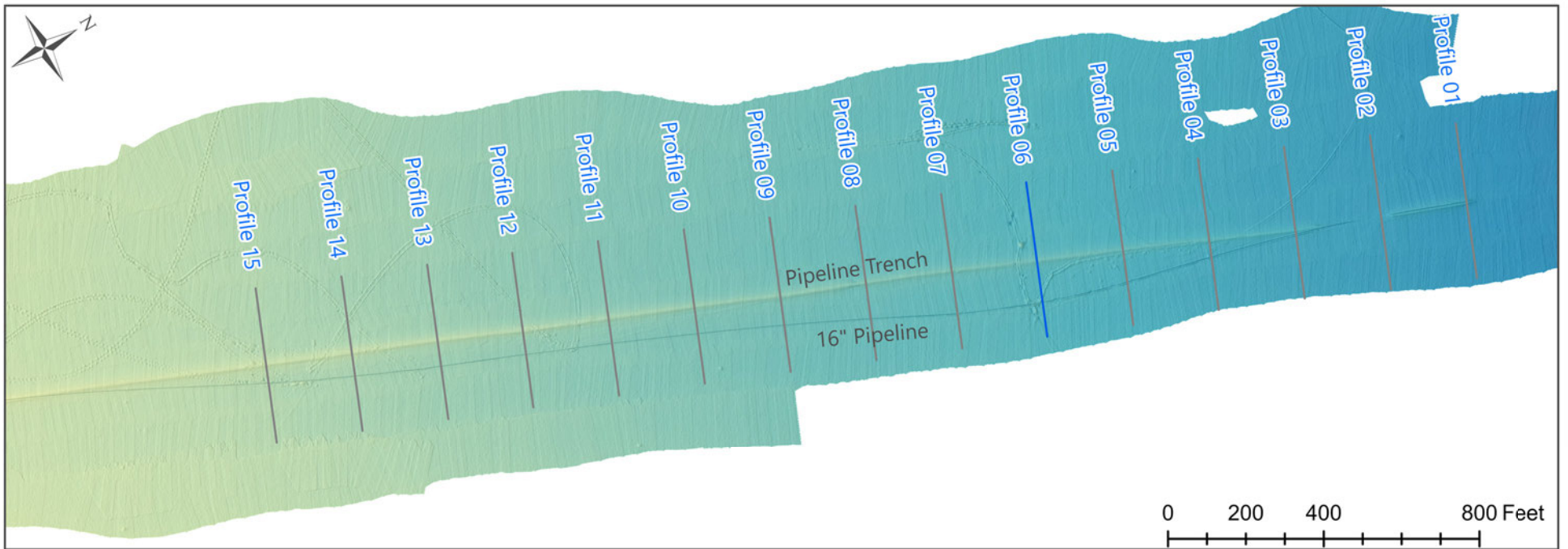


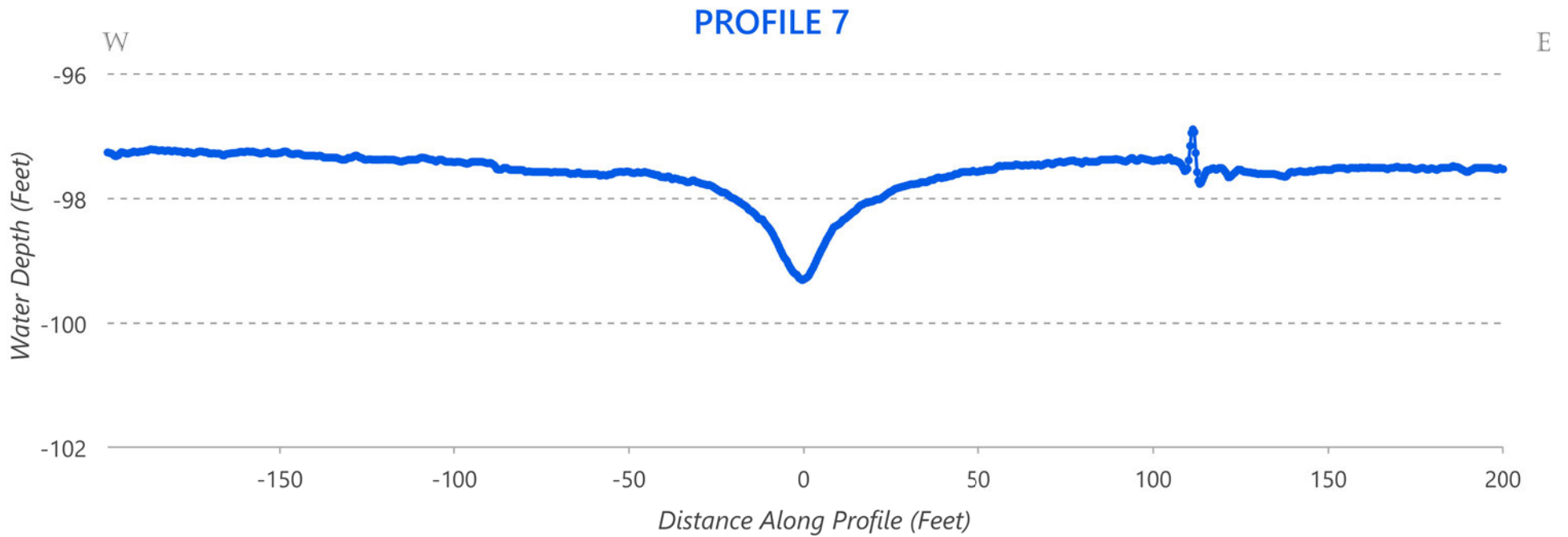
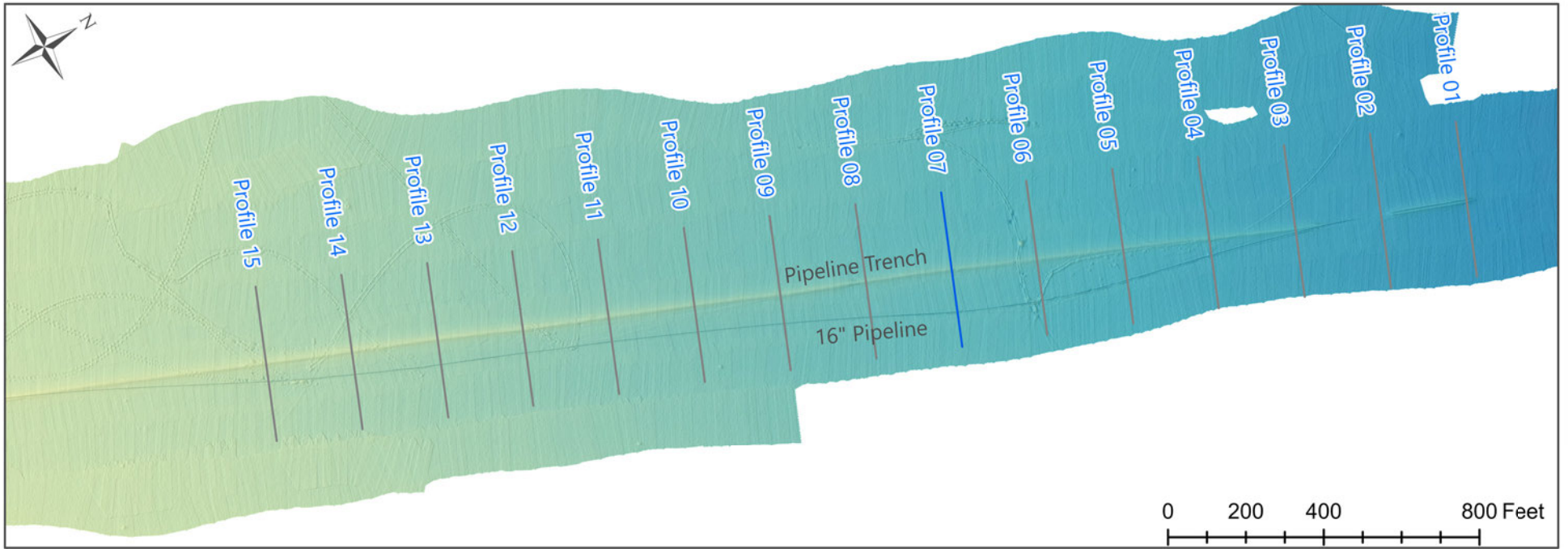


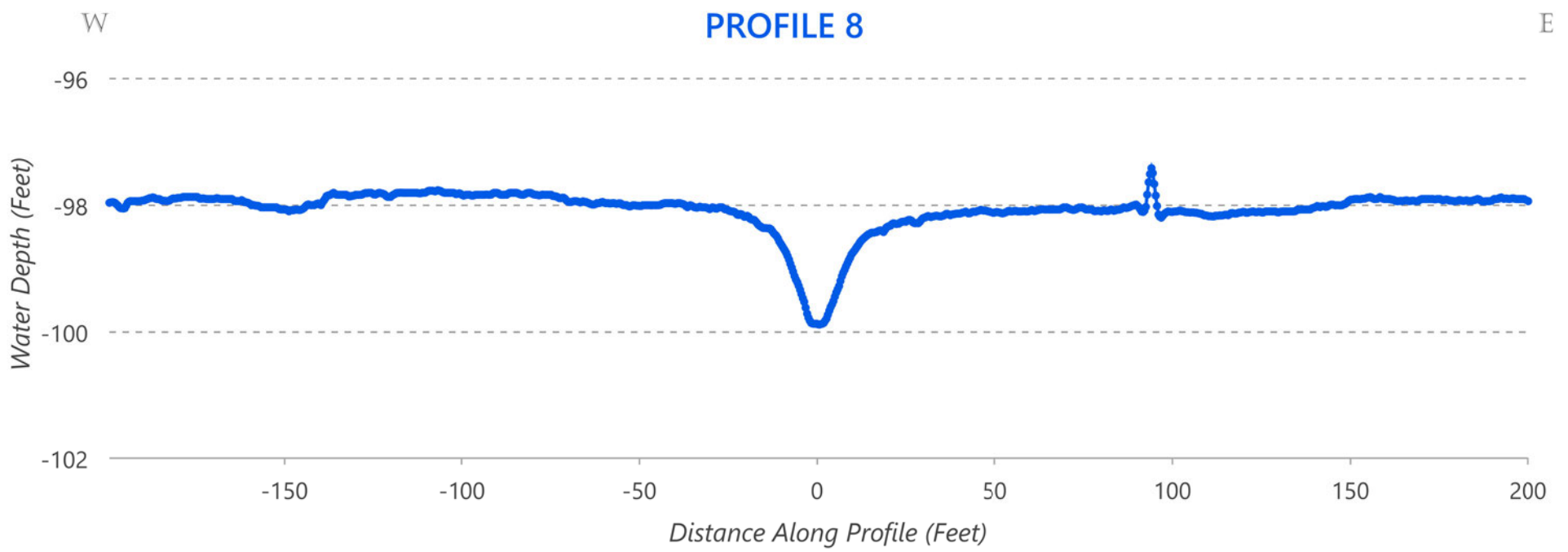
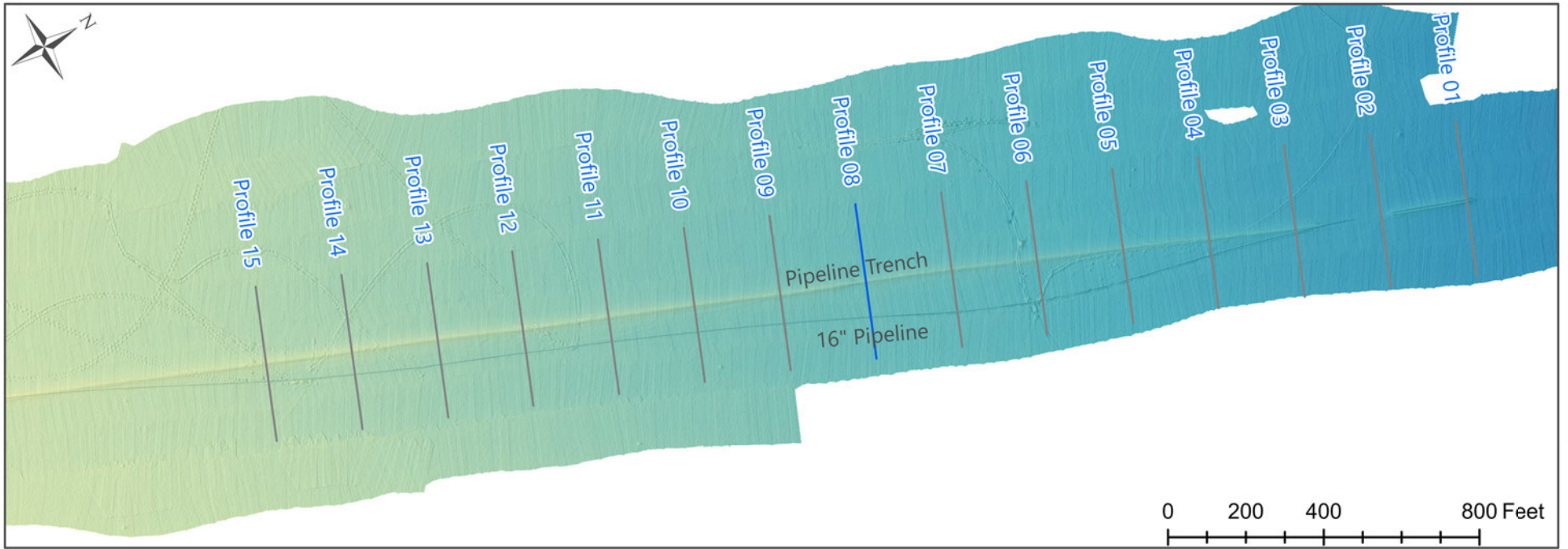


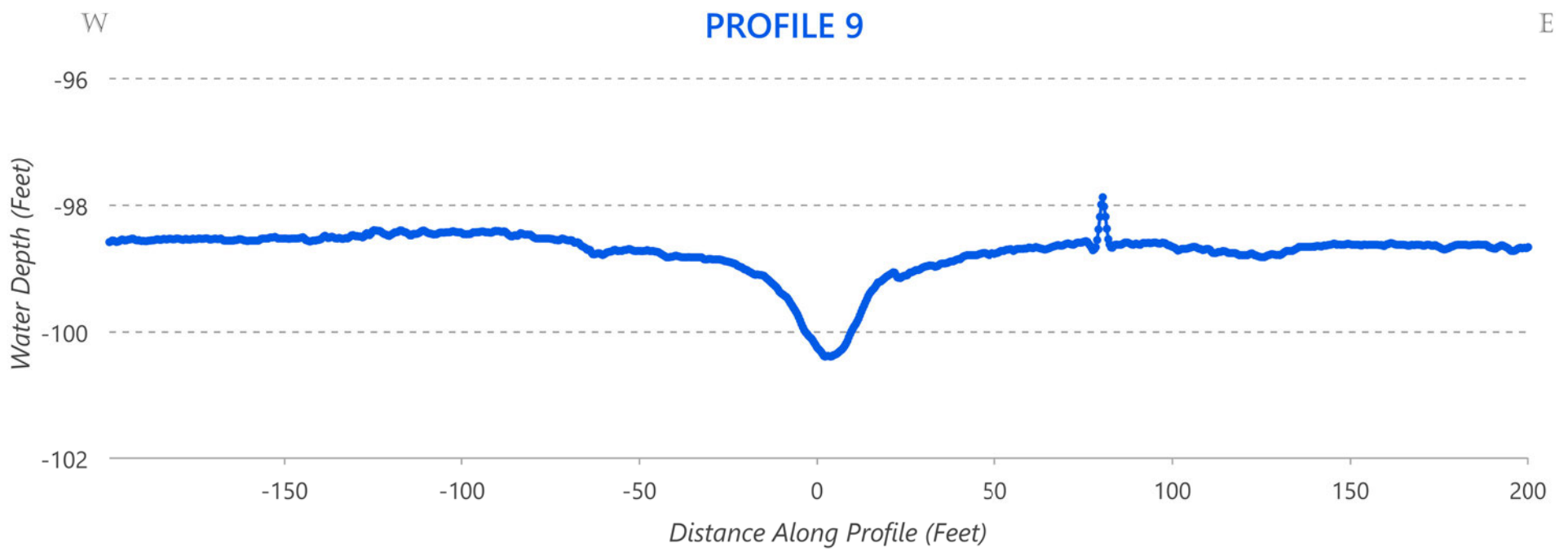
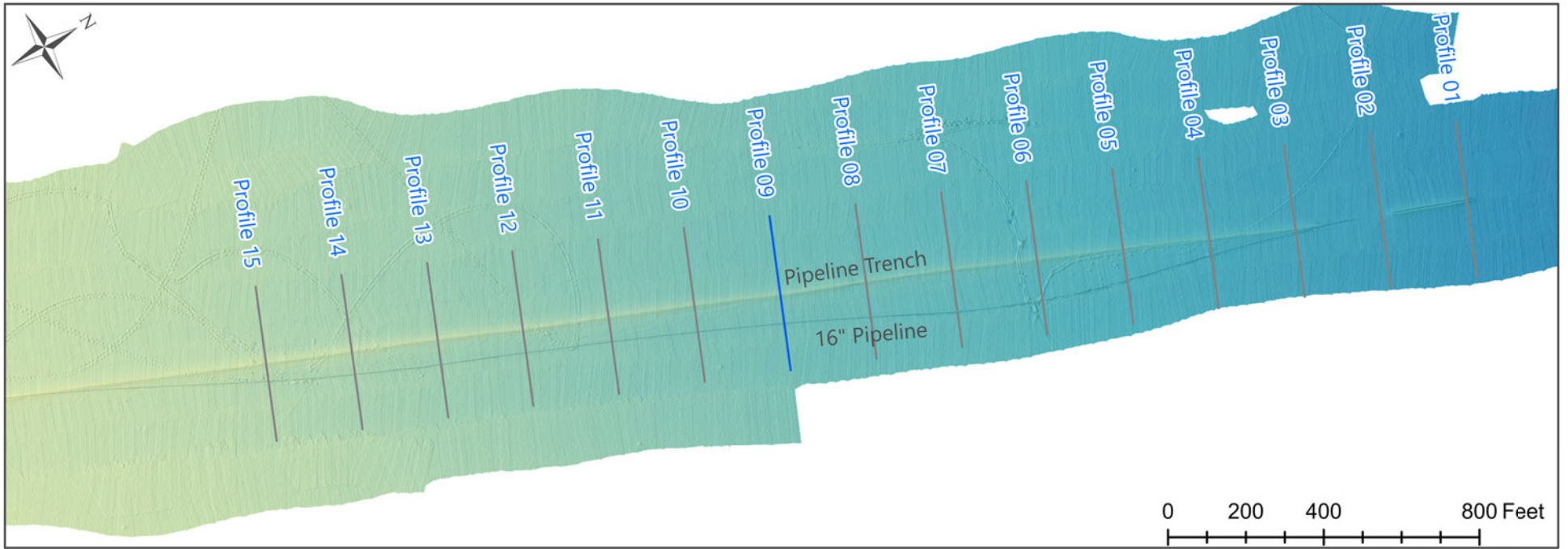


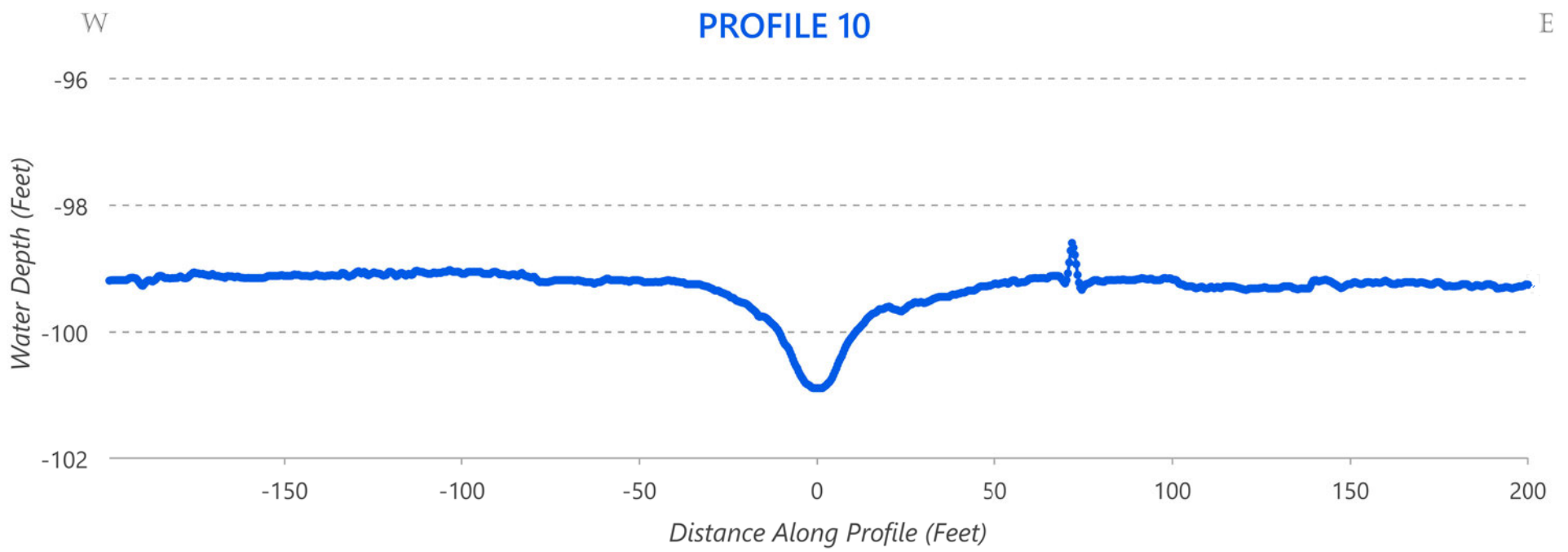
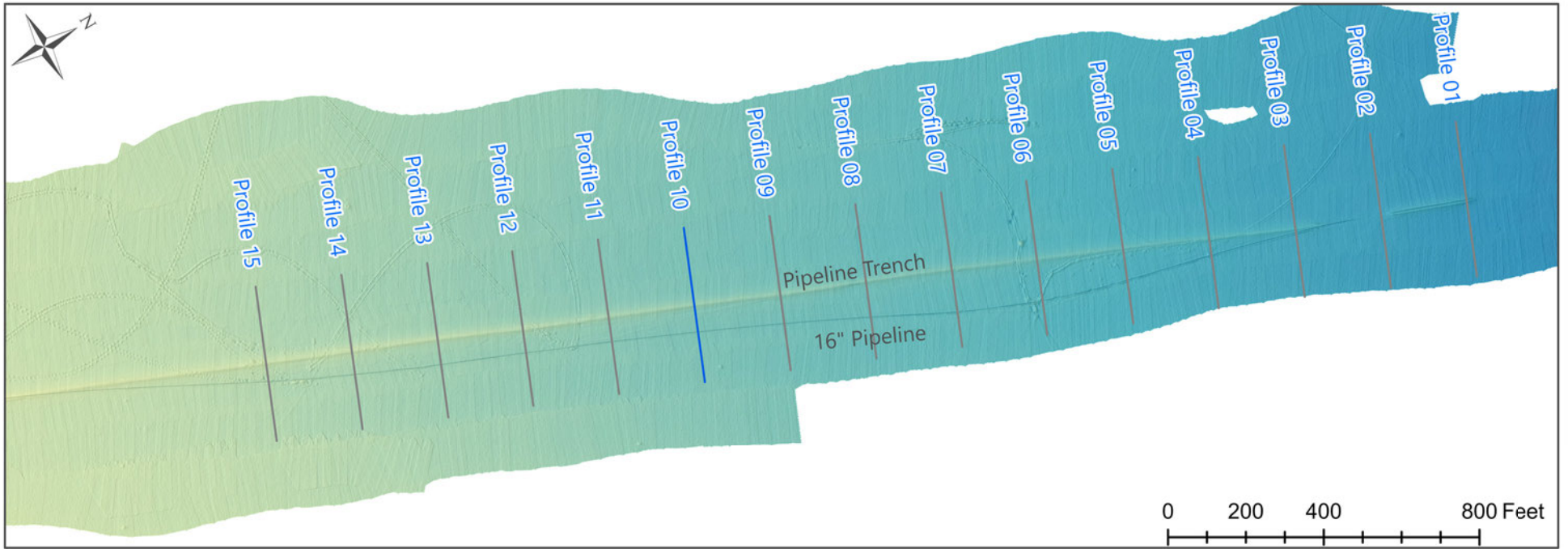


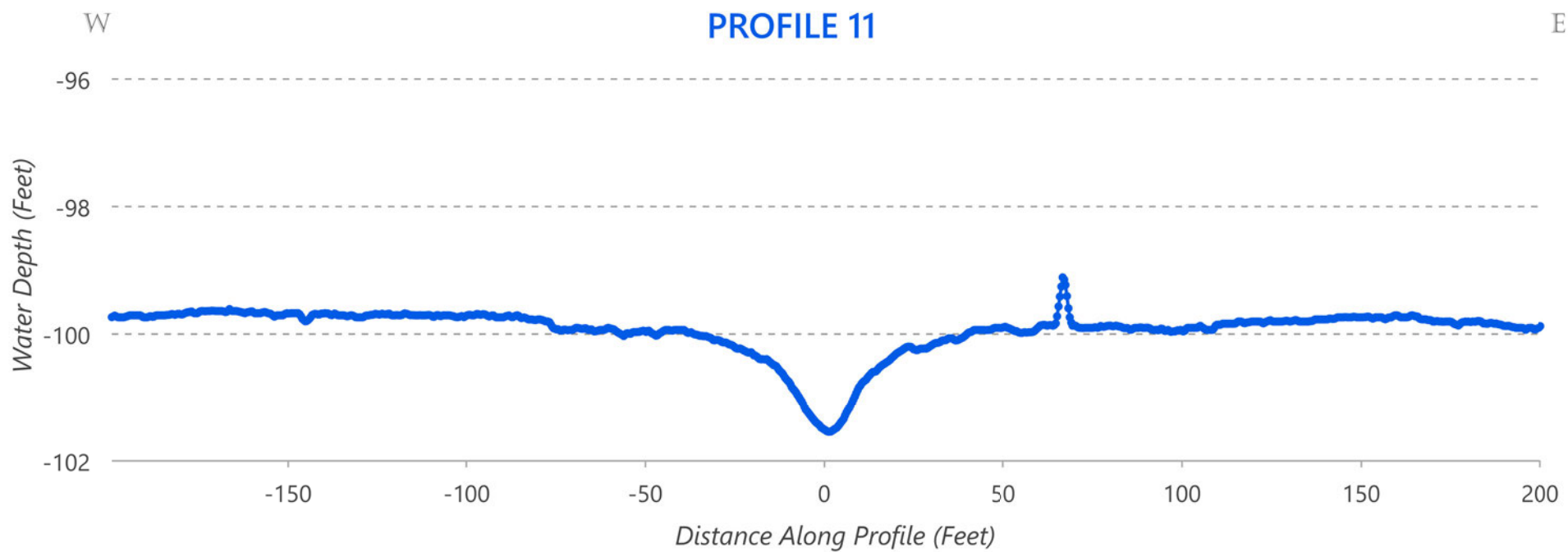
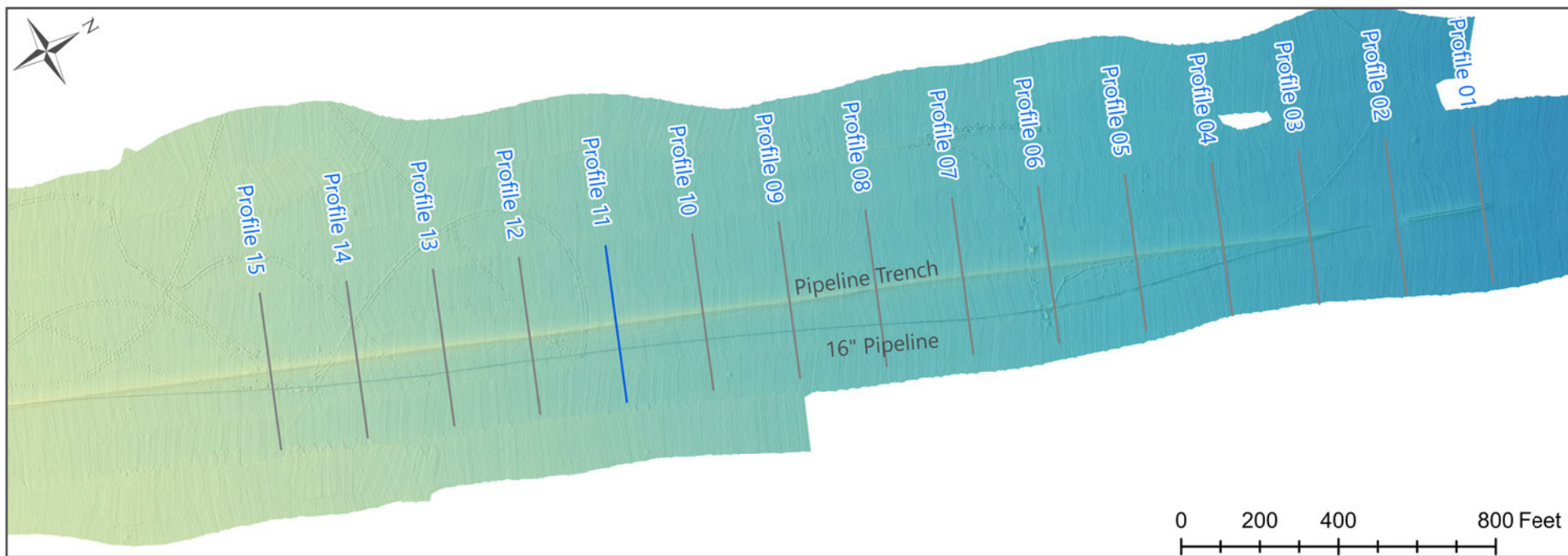


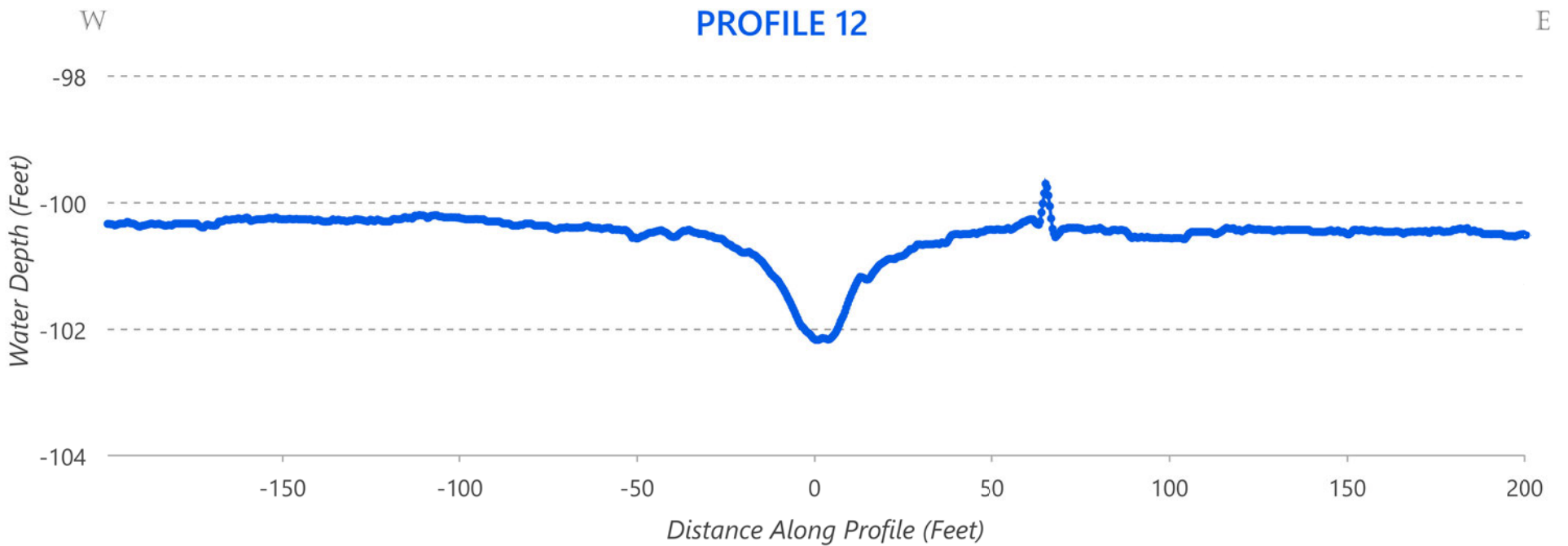
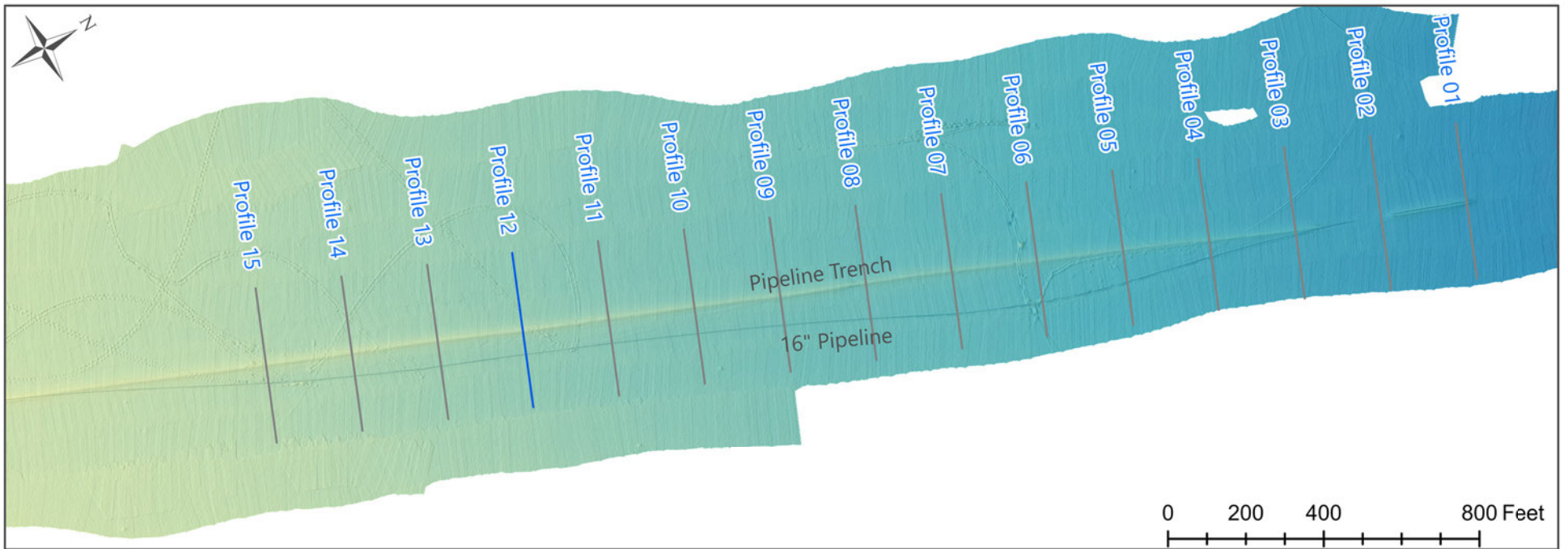


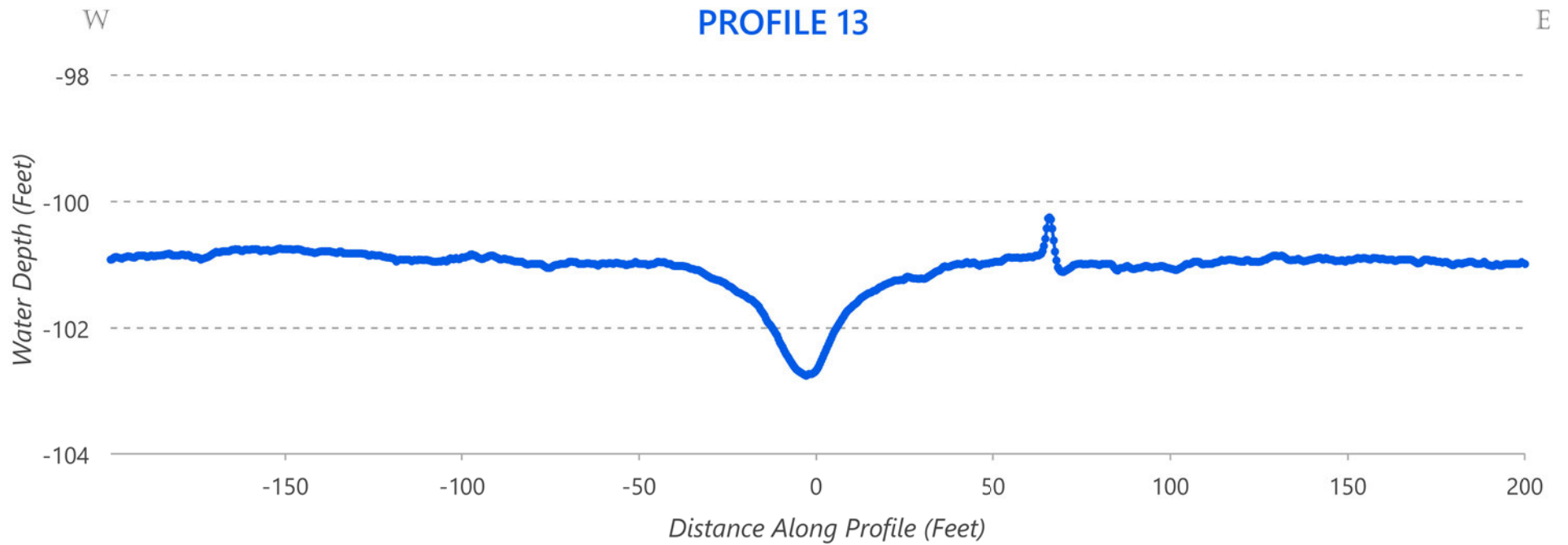
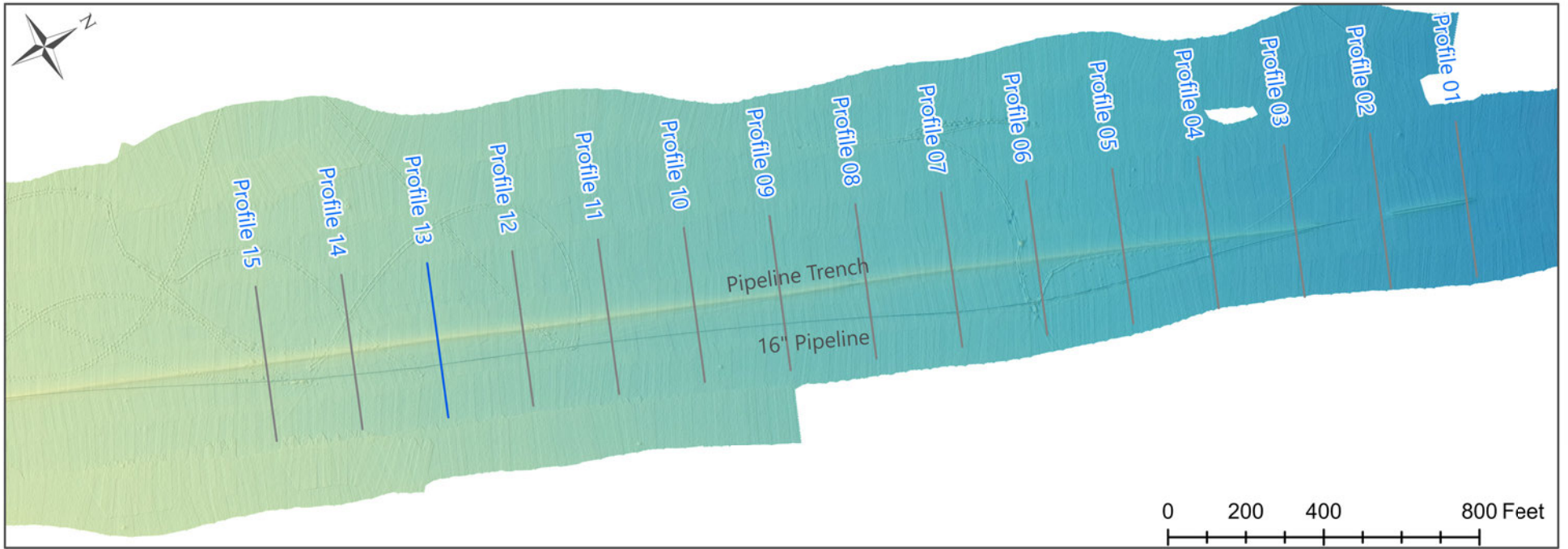


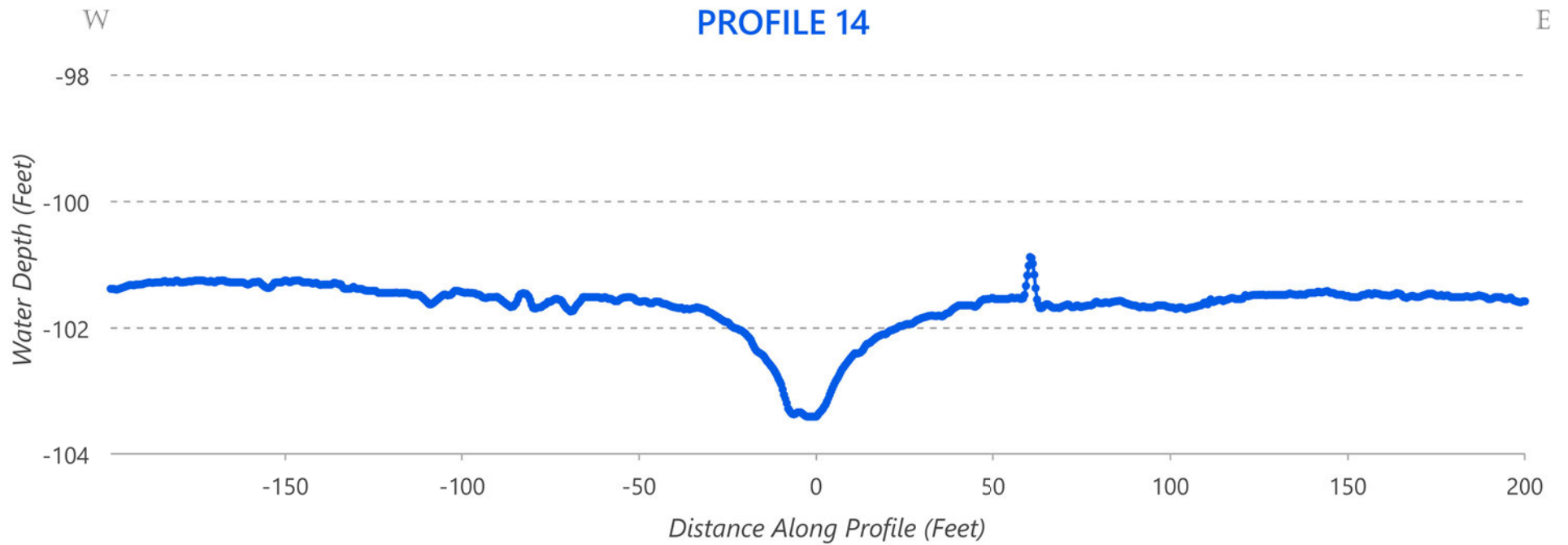
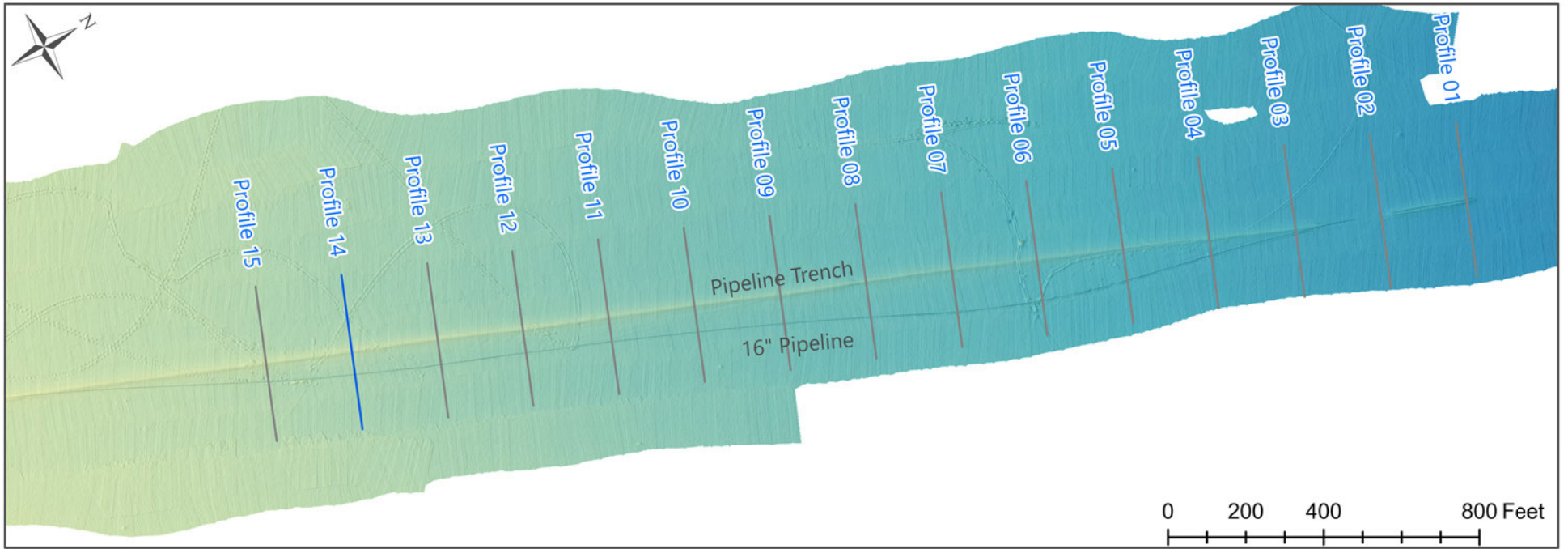


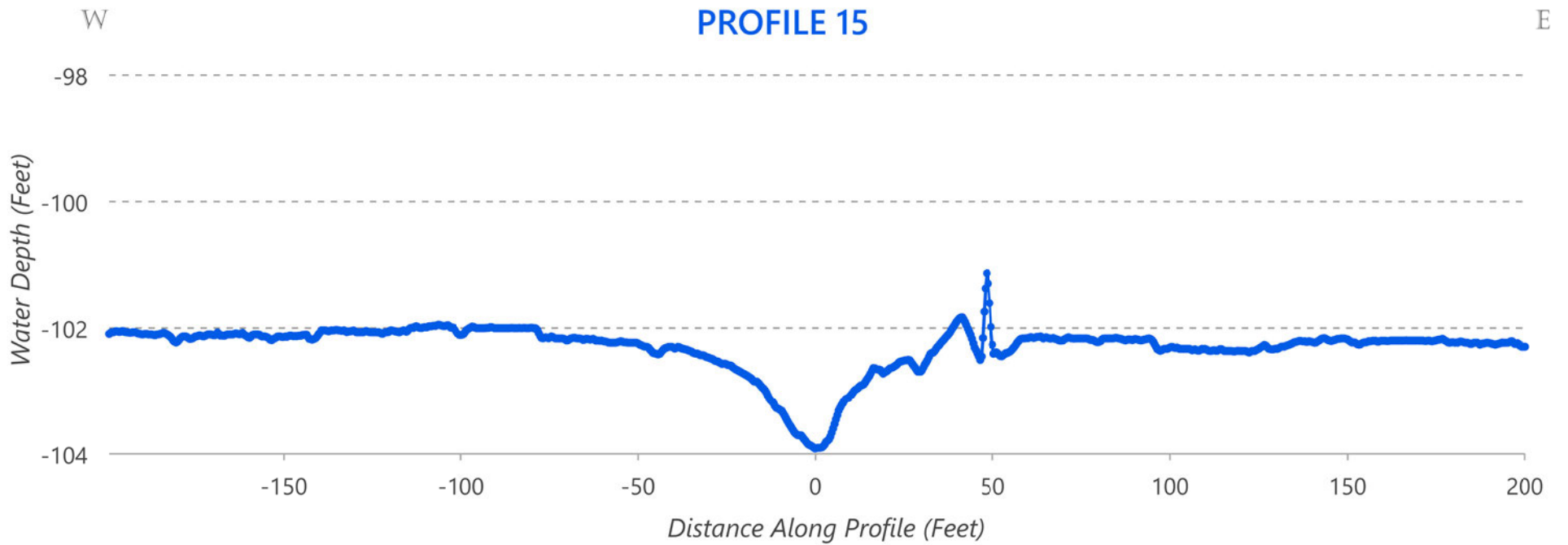
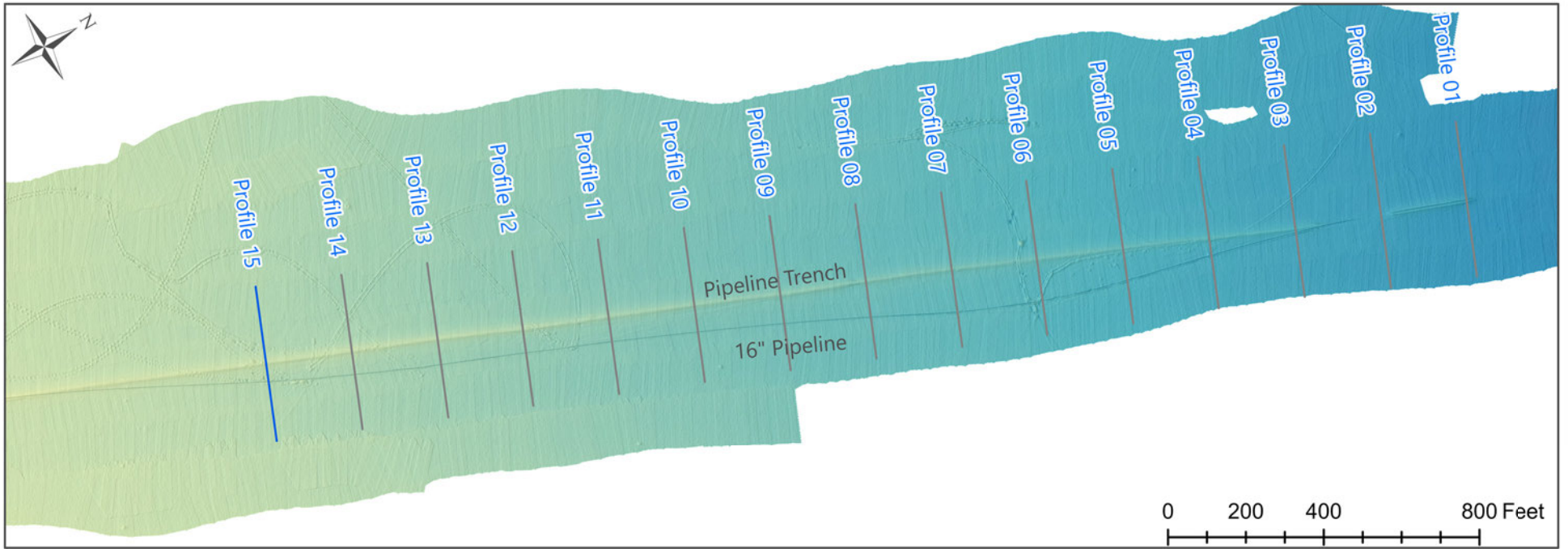












Appendix C

Five-Point File Listing

FUGRO USA MARINE INC.
GEODESY PARAMETERS

Geodetic Parameters

All coordinates and depths referenced in this report were determined in reference to the following geodetic parameters.

| | | |
|--------------------|------------------------------------|-----------|
| Projected CRS | NAD83 / / California zone 6 (ftUS) | EPSG:2230 |
| Geographic 2D CRS | NAD83 | EPSG:4269 |
| Geodetic Datum | North American Datum 1983 | |
| Prime Meridian | Greenwich | |
| Ellipsoid | GRS 1980 | |
| Semi major axis | a = 6,378,137.000 m | |
| Inverse flattening | 1/f = 298.257222101 | |

| | | |
|-----------------------------------|---|------------|
| Map Projection | SPCS83 California zone 6 (US Survey feet) | EPSG:15312 |
| Projection Method | Lambert Conic Conformal (2SP) | |
| Latitude Origin | 32° 10' 00.000" N | |
| Central Meridian | 116° 15' 00.000" W | |
| Latitude of 1st standard parallel | 33° 53' 00.000" N | |
| Latitude of 1st standard parallel | 32° 47' 00.000" N | |
| False Easting | 6 561 666.667 ftUS | |
| False Northing | 1 640 416.667 ftUS | |

| | | |
|------------------|--------------------|--|
| Operating Units | UTM zone 11N | |
| Horizontal Units | Survey Feet | |
| Vertical Units | International Feet | |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 00+00.00 | 3.16 | 5,993,536.43 | 2,180,895.04 | 110.05 | 109.45 | 110.73 | 110.73 | 110.73 | 109.45 | 109.45 |
| 00+03.28 | 3.18 | 5,993,537.76 | 2,180,898.05 | 110.08 | 109.42 | 110.70 | 110.79 | 110.61 | 109.37 | 109.47 |
| 00+06.56 | 3.21 | 5,993,539.09 | 2,180,901.06 | 110.10 | 109.41 | 110.72 | 110.80 | 110.64 | 109.35 | 109.47 |
| 00+09.84 | 3.23 | 5,993,540.40 | 2,180,904.07 | 110.09 | 109.41 | 110.82 | 110.88 | 110.76 | 109.36 | 109.45 |
| 00+13.12 | 3.26 | 5,993,541.73 | 2,180,907.04 | 110.08 | 109.41 | 110.92 | 110.97 | 110.87 | 109.36 | 109.46 |
| 00+16.40 | 3.29 | 5,993,543.06 | 2,180,910.05 | 110.07 | 109.41 | 110.98 | 111.08 | 110.89 | 109.34 | 109.47 |
| 00+19.69 | 3.31 | 5,993,544.40 | 2,180,913.06 | 110.06 | 109.41 | 110.92 | 110.92 | 110.92 | 109.34 | 109.47 |
| 00+22.97 | 3.34 | 5,993,545.73 | 2,180,916.07 | 110.05 | 109.39 | 110.82 | 110.77 | 110.86 | 109.33 | 109.46 |
| 00+26.25 | 3.37 | 5,993,547.03 | 2,180,919.05 | 110.04 | 109.39 | 110.73 | 110.64 | 110.82 | 109.34 | 109.45 |
| 00+29.53 | 3.39 | 5,993,548.37 | 2,180,922.06 | 110.03 | 109.40 | 110.76 | 110.76 | 110.76 | 109.36 | 109.44 |
| 00+32.81 | 3.42 | 5,993,549.70 | 2,180,925.07 | 110.02 | 109.39 | 110.73 | 110.72 | 110.75 | 109.37 | 109.42 |
| 00+36.09 | 3.44 | 5,993,551.03 | 2,180,928.08 | 110.01 | 109.37 | 110.69 | 110.64 | 110.73 | 109.36 | 109.37 |
| 00+39.37 | 3.47 | 5,993,552.34 | 2,180,931.06 | 110.00 | 109.31 | 110.61 | 110.50 | 110.73 | 109.31 | 109.32 |
| 00+42.65 | 3.50 | 5,993,553.67 | 2,180,934.07 | 109.99 | 109.29 | 110.59 | 110.49 | 110.69 | 109.28 | 109.29 |
| 00+45.93 | 3.52 | 5,993,555.00 | 2,180,937.07 | 109.98 | 109.29 | 110.65 | 110.63 | 110.67 | 109.27 | 109.32 |
| 00+49.21 | 3.55 | 5,993,556.34 | 2,180,940.08 | 109.97 | 109.30 | 110.64 | 110.65 | 110.63 | 109.27 | 109.33 |
| 00+52.49 | 3.58 | 5,993,557.67 | 2,180,943.06 | 109.95 | 109.31 | 110.66 | 110.66 | 110.65 | 109.26 | 109.35 |
| 00+55.77 | 3.61 | 5,993,558.97 | 2,180,946.07 | 109.92 | 109.29 | 110.57 | 110.51 | 110.63 | 109.24 | 109.34 |
| 00+59.06 | 3.64 | 5,993,560.31 | 2,180,949.08 | 109.89 | 109.30 | 110.56 | 110.48 | 110.65 | 109.25 | 109.35 |
| 00+62.34 | 3.67 | 5,993,561.64 | 2,180,952.06 | 109.87 | 109.29 | 110.56 | 110.44 | 110.67 | 109.26 | 109.33 |
| 00+65.62 | 3.71 | 5,993,563.01 | 2,180,955.07 | 109.87 | 109.29 | 110.57 | 110.46 | 110.70 | 109.28 | 109.31 |
| 00+68.90 | 3.76 | 5,993,564.34 | 2,180,958.04 | 109.87 | 109.28 | 110.57 | 110.46 | 110.70 | 109.26 | 109.31 |
| 00+72.18 | 3.80 | 5,993,565.68 | 2,180,961.05 | 109.87 | 109.26 | 110.57 | 110.50 | 110.64 | 109.22 | 109.31 |
| 00+75.46 | 3.84 | 5,993,567.01 | 2,180,964.06 | 109.87 | 109.25 | 110.59 | 110.53 | 110.64 | 109.19 | 109.31 |
| 00+78.74 | 3.89 | 5,993,568.38 | 2,180,967.04 | 109.87 | 109.24 | 110.57 | 110.53 | 110.62 | 109.18 | 109.29 |
| 00+82.02 | 3.93 | 5,993,569.71 | 2,180,970.05 | 109.87 | 109.21 | 110.60 | 110.53 | 110.67 | 109.16 | 109.25 |
| 00+85.30 | 3.97 | 5,993,571.04 | 2,180,973.03 | 109.86 | 109.21 | 110.55 | 110.47 | 110.64 | 109.18 | 109.24 |
| 00+88.58 | 4.01 | 5,993,572.38 | 2,180,976.04 | 109.86 | 109.18 | 110.50 | 110.40 | 110.60 | 109.15 | 109.21 |
| 00+91.86 | 4.04 | 5,993,573.71 | 2,180,979.01 | 109.84 | 109.17 | 110.43 | 110.36 | 110.50 | 109.13 | 109.21 |
| 00+95.14 | 4.07 | 5,993,575.05 | 2,180,982.02 | 109.82 | 109.11 | 110.39 | 110.37 | 110.42 | 109.06 | 109.15 |
| 00+98.43 | 4.09 | 5,993,576.38 | 2,180,985.03 | 109.80 | 109.09 | 110.41 | 110.41 | 110.40 | 109.02 | 109.15 |
| 01+01.71 | 4.12 | 5,993,577.71 | 2,180,988.04 | 109.78 | 109.08 | 110.40 | 110.37 | 110.43 | 109.00 | 109.15 |
| 01+04.99 | 4.15 | 5,993,579.02 | 2,180,991.02 | 109.76 | 109.09 | 110.43 | 110.38 | 110.49 | 109.00 | 109.18 |
| 01+08.27 | 4.18 | 5,993,580.35 | 2,180,994.03 | 109.74 | 109.09 | 110.47 | 110.43 | 110.51 | 109.02 | 109.16 |
| 01+11.55 | 4.21 | 5,993,581.68 | 2,180,997.04 | 109.72 | 109.09 | 110.47 | 110.48 | 110.46 | 109.05 | 109.13 |
| 01+14.83 | 4.25 | 5,993,583.02 | 2,181,000.02 | 109.71 | 109.09 | 110.43 | 110.49 | 110.38 | 109.06 | 109.13 |
| 01+18.11 | 4.30 | 5,993,584.38 | 2,181,003.02 | 109.70 | 109.10 | 110.41 | 110.44 | 110.38 | 109.06 | 109.13 |
| 01+21.39 | 4.37 | 5,993,585.75 | 2,181,006.00 | 109.71 | 109.11 | 110.41 | 110.42 | 110.40 | 109.06 | 109.15 |
| 01+24.67 | 4.44 | 5,993,587.12 | 2,181,008.98 | 109.71 | 109.11 | 110.43 | 110.38 | 110.48 | 109.08 | 109.14 |
| 01+27.95 | 4.51 | 5,993,588.48 | 2,181,011.95 | 109.71 | 109.09 | 110.41 | 110.37 | 110.44 | 109.06 | 109.13 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 01+31.23 | 4.58 | 5,993,589.85 | 2,181,014.96 | 109.72 | 109.08 | 110.42 | 110.37 | 110.47 | 109.06 | 109.10 |
| 01+34.51 | 4.65 | 5,993,591.22 | 2,181,017.94 | 109.72 | 109.05 | 110.39 | 110.38 | 110.41 | 109.02 | 109.08 |
| 01+37.80 | 4.72 | 5,993,592.58 | 2,181,020.92 | 109.73 | 109.02 | 110.38 | 110.30 | 110.46 | 109.00 | 109.03 |
| 01+41.08 | 4.79 | 5,993,593.95 | 2,181,023.89 | 109.73 | 109.00 | 110.40 | 110.37 | 110.43 | 108.97 | 109.02 |
| 01+44.36 | 4.85 | 5,993,595.32 | 2,181,026.90 | 109.73 | 108.98 | 110.41 | 110.34 | 110.48 | 108.95 | 109.02 |
| 01+47.64 | 4.91 | 5,993,596.65 | 2,181,029.88 | 109.72 | 109.01 | 110.46 | 110.42 | 110.49 | 108.95 | 109.06 |
| 01+50.92 | 4.97 | 5,993,598.02 | 2,181,032.86 | 109.72 | 109.01 | 110.46 | 110.40 | 110.52 | 108.96 | 109.06 |
| 01+54.20 | 5.03 | 5,993,599.39 | 2,181,035.87 | 109.71 | 109.03 | 110.47 | 110.42 | 110.51 | 109.01 | 109.05 |
| 01+57.48 | 5.09 | 5,993,600.72 | 2,181,038.84 | 109.70 | 109.01 | 110.46 | 110.44 | 110.48 | 109.02 | 108.99 |
| 01+60.76 | 5.15 | 5,993,602.09 | 2,181,041.82 | 109.69 | 109.01 | 110.40 | 110.37 | 110.43 | 109.03 | 108.98 |
| 01+64.04 | 5.21 | 5,993,603.45 | 2,181,044.83 | 109.69 | 108.98 | 110.34 | 110.30 | 110.39 | 108.99 | 108.98 |
| 01+67.32 | 5.27 | 5,993,604.79 | 2,181,047.81 | 109.68 | 108.96 | 110.31 | 110.26 | 110.37 | 108.96 | 108.97 |
| 01+70.60 | 5.33 | 5,993,606.15 | 2,181,050.78 | 109.66 | 108.94 | 110.31 | 110.26 | 110.37 | 108.92 | 108.96 |
| 01+73.88 | 5.40 | 5,993,607.52 | 2,181,053.76 | 109.64 | 108.92 | 110.36 | 110.32 | 110.39 | 108.89 | 108.95 |
| 01+77.17 | 5.48 | 5,993,608.89 | 2,181,056.77 | 109.62 | 108.93 | 110.36 | 110.32 | 110.39 | 108.91 | 108.95 |
| 01+80.45 | 5.55 | 5,993,610.29 | 2,181,059.75 | 109.59 | 108.93 | 110.35 | 110.32 | 110.38 | 108.93 | 108.93 |
| 01+83.73 | 5.63 | 5,993,611.65 | 2,181,062.72 | 109.56 | 108.95 | 110.28 | 110.21 | 110.33 | 108.96 | 108.93 |
| 01+87.01 | 5.71 | 5,993,613.02 | 2,181,065.70 | 109.54 | 108.93 | 110.21 | 110.15 | 110.27 | 108.95 | 108.92 |
| 01+90.29 | 5.78 | 5,993,614.39 | 2,181,068.68 | 109.51 | 108.92 | 110.13 | 110.04 | 110.21 | 108.91 | 108.93 |
| 01+93.57 | 5.86 | 5,993,615.75 | 2,181,071.65 | 109.48 | 108.92 | 110.11 | 110.04 | 110.18 | 108.90 | 108.95 |
| 01+96.85 | 5.94 | 5,993,617.15 | 2,181,074.63 | 109.46 | 108.91 | 110.08 | 110.00 | 110.16 | 108.89 | 108.92 |
| 02+00.13 | 6.01 | 5,993,618.52 | 2,181,077.60 | 109.44 | 108.90 | 110.09 | 110.05 | 110.13 | 108.88 | 108.91 |
| 02+03.41 | 6.09 | 5,993,619.89 | 2,181,080.61 | 109.43 | 108.90 | 110.11 | 110.10 | 110.11 | 108.89 | 108.91 |
| 02+06.69 | 6.16 | 5,993,621.25 | 2,181,083.59 | 109.42 | 108.91 | 110.12 | 110.14 | 110.10 | 108.88 | 108.95 |
| 02+09.97 | 6.24 | 5,993,622.62 | 2,181,086.57 | 109.41 | 108.92 | 110.11 | 110.15 | 110.08 | 108.90 | 108.95 |
| 02+13.25 | 6.31 | 5,993,623.99 | 2,181,089.54 | 109.41 | 108.92 | 110.10 | 110.13 | 110.08 | 108.90 | 108.95 |
| 02+16.54 | 6.38 | 5,993,625.35 | 2,181,092.52 | 109.40 | 108.92 | 110.13 | 110.17 | 110.10 | 108.90 | 108.93 |
| 02+19.82 | 6.46 | 5,993,626.72 | 2,181,095.50 | 109.39 | 108.90 | 110.14 | 110.16 | 110.13 | 108.89 | 108.91 |
| 02+23.10 | 6.53 | 5,993,628.12 | 2,181,098.51 | 109.38 | 108.86 | 110.12 | 110.15 | 110.10 | 108.88 | 108.84 |
| 02+26.38 | 6.61 | 5,993,629.49 | 2,181,101.48 | 109.37 | 108.83 | 110.08 | 110.08 | 110.08 | 108.87 | 108.78 |
| 02+29.66 | 6.73 | 5,993,630.85 | 2,181,104.46 | 109.36 | 108.80 | 110.07 | 110.06 | 110.07 | 108.84 | 108.77 |
| 02+32.94 | 6.86 | 5,993,632.25 | 2,181,107.44 | 109.34 | 108.80 | 110.06 | 110.03 | 110.08 | 108.79 | 108.82 |
| 02+36.22 | 6.98 | 5,993,633.62 | 2,181,110.41 | 109.33 | 108.81 | 110.07 | 110.08 | 110.06 | 108.75 | 108.87 |
| 02+39.50 | 7.11 | 5,993,635.02 | 2,181,113.36 | 109.31 | 108.80 | 110.07 | 110.10 | 110.05 | 108.75 | 108.86 |
| 02+42.78 | 7.23 | 5,993,636.42 | 2,181,116.33 | 109.29 | 108.80 | 110.08 | 110.10 | 110.05 | 108.76 | 108.84 |
| 02+46.06 | 7.36 | 5,993,637.78 | 2,181,119.31 | 109.28 | 108.79 | 110.06 | 110.05 | 110.07 | 108.78 | 108.79 |
| 02+49.34 | 7.48 | 5,993,639.18 | 2,181,122.29 | 109.26 | 108.78 | 110.06 | 110.03 | 110.08 | 108.77 | 108.78 |
| 02+52.62 | 7.61 | 5,993,640.58 | 2,181,125.26 | 109.25 | 108.76 | 110.01 | 109.94 | 110.07 | 108.78 | 108.74 |
| 02+55.91 | 7.73 | 5,993,641.95 | 2,181,128.24 | 109.23 | 108.75 | 109.94 | 109.85 | 110.03 | 108.78 | 108.72 |
| 02+59.19 | 7.84 | 5,993,643.32 | 2,181,131.22 | 109.21 | 108.72 | 109.85 | 109.69 | 110.01 | 108.76 | 108.68 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 02+62.47 | 7.95 | 5,993,644.71 | 2,181,134.19 | 109.19 | 108.69 | 109.89 | 109.77 | 110.01 | 108.72 | 108.67 |
| 02+65.75 | 8.06 | 5,993,646.08 | 2,181,137.17 | 109.17 | 108.68 | 109.92 | 109.87 | 109.97 | 108.68 | 108.67 |
| 02+69.03 | 8.18 | 5,993,647.45 | 2,181,140.15 | 109.15 | 108.67 | 109.97 | 110.00 | 109.94 | 108.66 | 108.67 |
| 02+72.31 | 8.29 | 5,993,648.81 | 2,181,143.15 | 109.13 | 108.67 | 109.93 | 109.95 | 109.91 | 108.64 | 108.69 |
| 02+75.59 | 8.40 | 5,993,650.21 | 2,181,146.13 | 109.11 | 108.65 | 109.93 | 109.92 | 109.94 | 108.61 | 108.68 |
| 02+78.87 | 8.51 | 5,993,651.58 | 2,181,149.11 | 109.09 | 108.66 | 109.97 | 110.00 | 109.95 | 108.59 | 108.74 |
| 02+82.15 | 8.62 | 5,993,652.95 | 2,181,152.08 | 109.08 | 108.68 | 109.99 | 110.06 | 109.92 | 108.62 | 108.75 |
| 02+85.43 | 8.71 | 5,993,654.31 | 2,181,155.06 | 109.08 | 108.79 | 110.00 | 110.05 | 109.94 | 108.79 | 108.78 |
| 02+88.71 | 8.79 | 5,993,655.65 | 2,181,158.07 | 109.08 | 108.88 | 109.98 | 110.01 | 109.95 | 109.05 | 108.73 |
| 02+91.99 | 8.87 | 5,993,656.98 | 2,181,161.05 | 109.09 | 108.92 | 110.03 | 110.06 | 110.00 | 109.14 | 108.69 |
| 02+95.28 | 8.95 | 5,993,658.35 | 2,181,164.06 | 109.09 | 108.84 | 109.99 | 110.02 | 109.96 | 109.03 | 108.65 |
| 02+98.56 | 9.04 | 5,993,659.68 | 2,181,167.03 | 109.10 | 108.73 | 109.93 | 109.95 | 109.91 | 108.83 | 108.64 |
| 03+01.84 | 9.11 | 5,993,661.05 | 2,181,170.04 | 109.10 | 108.65 | 109.91 | 109.93 | 109.90 | 108.67 | 108.62 |
| 03+05.12 | 9.20 | 5,993,662.38 | 2,181,173.02 | 109.10 | 108.60 | 109.92 | 110.01 | 109.84 | 108.59 | 108.61 |
| 03+08.40 | 9.28 | 5,993,663.72 | 2,181,176.03 | 109.10 | 108.54 | 109.90 | 109.98 | 109.82 | 108.51 | 108.57 |
| 03+11.68 | 9.35 | 5,993,665.08 | 2,181,179.01 | 109.09 | 108.51 | 109.79 | 109.82 | 109.77 | 108.47 | 108.55 |
| 03+14.96 | 9.43 | 5,993,666.42 | 2,181,182.02 | 109.08 | 108.49 | 109.75 | 109.70 | 109.81 | 108.45 | 108.53 |
| 03+18.24 | 9.51 | 5,993,667.75 | 2,181,184.99 | 109.06 | 108.51 | 109.73 | 109.65 | 109.82 | 108.44 | 108.57 |
| 03+21.52 | 9.59 | 5,993,669.12 | 2,181,188.00 | 109.04 | 108.50 | 109.74 | 109.60 | 109.88 | 108.42 | 108.59 |
| 03+24.80 | 9.66 | 5,993,670.45 | 2,181,190.98 | 109.02 | 108.51 | 109.74 | 109.59 | 109.89 | 108.41 | 108.61 |
| 03+28.08 | 9.74 | 5,993,671.79 | 2,181,193.99 | 109.00 | 108.50 | 109.74 | 109.57 | 109.92 | 108.42 | 108.59 |
| 03+31.36 | 9.82 | 5,993,673.12 | 2,181,196.97 | 108.98 | 108.52 | 109.73 | 109.61 | 109.85 | 108.45 | 108.59 |
| 03+34.65 | 9.89 | 5,993,674.49 | 2,181,199.98 | 108.96 | 108.52 | 109.69 | 109.60 | 109.79 | 108.45 | 108.59 |
| 03+37.93 | 9.95 | 5,993,675.79 | 2,181,202.99 | 108.94 | 108.50 | 109.68 | 109.62 | 109.73 | 108.45 | 108.55 |
| 03+41.21 | 10.00 | 5,993,677.12 | 2,181,205.96 | 108.92 | 108.47 | 109.65 | 109.59 | 109.71 | 108.42 | 108.53 |
| 03+44.49 | 10.05 | 5,993,678.46 | 2,181,208.97 | 108.91 | 108.46 | 109.62 | 109.58 | 109.66 | 108.42 | 108.50 |
| 03+47.77 | 10.10 | 5,993,679.76 | 2,181,211.98 | 108.89 | 108.45 | 109.60 | 109.56 | 109.65 | 108.40 | 108.50 |
| 03+51.05 | 10.14 | 5,993,681.06 | 2,181,214.99 | 108.87 | 108.44 | 109.55 | 109.52 | 109.57 | 108.39 | 108.50 |
| 03+54.33 | 10.19 | 5,993,682.39 | 2,181,218.00 | 108.86 | 108.42 | 109.48 | 109.47 | 109.48 | 108.34 | 108.50 |
| 03+57.61 | 10.23 | 5,993,683.69 | 2,181,221.01 | 108.84 | 108.40 | 109.40 | 109.43 | 109.37 | 108.30 | 108.50 |
| 03+60.89 | 10.29 | 5,993,685.03 | 2,181,224.02 | 108.83 | 108.38 | 109.42 | 109.43 | 109.42 | 108.28 | 108.49 |
| 03+64.17 | 10.35 | 5,993,686.36 | 2,181,227.03 | 108.81 | 108.38 | 109.43 | 109.42 | 109.44 | 108.28 | 108.47 |
| 03+67.45 | 10.42 | 5,993,687.70 | 2,181,230.01 | 108.78 | 108.37 | 109.48 | 109.46 | 109.49 | 108.29 | 108.45 |
| 03+70.73 | 10.51 | 5,993,689.03 | 2,181,233.02 | 108.76 | 108.38 | 109.43 | 109.47 | 109.38 | 108.29 | 108.46 |
| 03+74.02 | 10.59 | 5,993,690.40 | 2,181,235.99 | 108.73 | 108.39 | 109.47 | 109.52 | 109.42 | 108.29 | 108.49 |
| 03+77.30 | 10.67 | 5,993,691.73 | 2,181,238.97 | 108.71 | 108.38 | 109.47 | 109.54 | 109.41 | 108.29 | 108.47 |
| 03+80.58 | 10.75 | 5,993,693.10 | 2,181,241.98 | 108.68 | 108.38 | 109.50 | 109.51 | 109.49 | 108.30 | 108.45 |
| 03+83.86 | 10.84 | 5,993,694.43 | 2,181,244.96 | 108.66 | 108.33 | 109.46 | 109.47 | 109.44 | 108.27 | 108.39 |
| 03+87.14 | 10.92 | 5,993,695.77 | 2,181,247.97 | 108.64 | 108.30 | 109.42 | 109.42 | 109.43 | 108.23 | 108.38 |
| 03+90.42 | 11.00 | 5,993,697.13 | 2,181,250.94 | 108.63 | 108.26 | 109.41 | 109.38 | 109.44 | 108.16 | 108.36 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 03+93.70 | 11.08 | 5,993,698.47 | 2,181,253.95 | 108.62 | 108.24 | 109.42 | 109.35 | 109.49 | 108.14 | 108.36 |
| 03+96.98 | 11.16 | 5,993,699.83 | 2,181,256.93 | 108.63 | 108.23 | 109.44 | 109.33 | 109.55 | 108.13 | 108.33 |
| 04+00.26 | 11.24 | 5,993,701.17 | 2,181,259.94 | 108.63 | 108.21 | 109.37 | 109.32 | 109.43 | 108.10 | 108.31 |
| 04+03.54 | 11.32 | 5,993,702.50 | 2,181,262.92 | 108.64 | 108.19 | 109.36 | 109.33 | 109.39 | 108.10 | 108.28 |
| 04+06.82 | 11.40 | 5,993,703.87 | 2,181,265.93 | 108.64 | 108.18 | 109.32 | 109.31 | 109.34 | 108.07 | 108.28 |
| 04+10.10 | 11.48 | 5,993,705.20 | 2,181,268.90 | 108.65 | 108.16 | 109.33 | 109.29 | 109.37 | 108.06 | 108.27 |
| 04+13.39 | 11.56 | 5,993,706.54 | 2,181,271.91 | 108.65 | 108.16 | 109.28 | 109.24 | 109.33 | 108.05 | 108.27 |
| 04+16.67 | 11.61 | 5,993,707.87 | 2,181,274.92 | 108.65 | 108.15 | 109.26 | 109.22 | 109.29 | 108.05 | 108.26 |
| 04+19.95 | 11.63 | 5,993,709.17 | 2,181,277.93 | 108.64 | 108.16 | 109.29 | 109.24 | 109.34 | 108.04 | 108.28 |
| 04+23.23 | 11.64 | 5,993,710.44 | 2,181,280.94 | 108.64 | 108.16 | 109.33 | 109.29 | 109.37 | 108.03 | 108.29 |
| 04+26.51 | 11.65 | 5,993,711.71 | 2,181,283.95 | 108.63 | 108.17 | 109.36 | 109.32 | 109.41 | 108.03 | 108.31 |
| 04+29.79 | 11.66 | 5,993,713.01 | 2,181,286.99 | 108.63 | 108.16 | 109.33 | 109.24 | 109.43 | 108.03 | 108.29 |
| 04+33.07 | 11.66 | 5,993,714.28 | 2,181,290.00 | 108.62 | 108.16 | 109.33 | 109.22 | 109.44 | 108.03 | 108.30 |
| 04+36.35 | 11.67 | 5,993,715.55 | 2,181,293.05 | 108.61 | 108.15 | 109.27 | 109.19 | 109.34 | 108.01 | 108.29 |
| 04+39.63 | 11.68 | 5,993,716.85 | 2,181,296.06 | 108.61 | 108.14 | 109.29 | 109.22 | 109.35 | 108.01 | 108.27 |
| 04+42.91 | 11.69 | 5,993,718.12 | 2,181,299.07 | 108.60 | 108.13 | 109.30 | 109.23 | 109.36 | 108.00 | 108.26 |
| 04+46.19 | 11.69 | 5,993,719.39 | 2,181,302.11 | 108.59 | 108.11 | 109.36 | 109.29 | 109.43 | 108.01 | 108.23 |
| 04+49.48 | 11.70 | 5,993,720.69 | 2,181,305.12 | 108.58 | 108.11 | 109.35 | 109.33 | 109.37 | 108.01 | 108.21 |
| 04+52.76 | 11.71 | 5,993,721.95 | 2,181,308.13 | 108.57 | 108.09 | 109.31 | 109.29 | 109.33 | 108.01 | 108.17 |
| 04+56.04 | 11.72 | 5,993,723.22 | 2,181,311.17 | 108.55 | 108.07 | 109.27 | 109.25 | 109.29 | 107.97 | 108.17 |
| 04+59.32 | 11.73 | 5,993,724.52 | 2,181,314.18 | 108.52 | 108.05 | 109.24 | 109.22 | 109.26 | 107.94 | 108.16 |
| 04+62.60 | 11.74 | 5,993,725.79 | 2,181,317.19 | 108.50 | 108.04 | 109.22 | 109.25 | 109.19 | 107.91 | 108.17 |
| 04+65.88 | 11.74 | 5,993,727.09 | 2,181,320.24 | 108.48 | 108.02 | 109.21 | 109.26 | 109.16 | 107.92 | 108.13 |
| 04+69.16 | 11.75 | 5,993,728.36 | 2,181,323.25 | 108.46 | 108.02 | 109.23 | 109.27 | 109.18 | 107.93 | 108.10 |
| 04+72.44 | 11.75 | 5,993,729.63 | 2,181,326.26 | 108.46 | 108.02 | 109.25 | 109.25 | 109.24 | 107.94 | 108.10 |
| 04+75.72 | 11.76 | 5,993,730.90 | 2,181,329.30 | 108.46 | 108.03 | 109.25 | 109.25 | 109.25 | 107.93 | 108.14 |
| 04+79.00 | 11.76 | 5,993,732.17 | 2,181,332.31 | 108.47 | 108.04 | 109.24 | 109.23 | 109.25 | 107.90 | 108.18 |
| 04+82.28 | 11.76 | 5,993,733.47 | 2,181,335.35 | 108.47 | 108.02 | 109.21 | 109.22 | 109.20 | 107.87 | 108.17 |
| 04+85.56 | 11.76 | 5,993,734.74 | 2,181,338.36 | 108.47 | 108.02 | 109.18 | 109.21 | 109.15 | 107.88 | 108.16 |
| 04+88.85 | 11.76 | 5,993,736.01 | 2,181,341.41 | 108.48 | 108.01 | 109.18 | 109.22 | 109.13 | 107.91 | 108.10 |
| 04+92.13 | 11.77 | 5,993,737.28 | 2,181,344.42 | 108.48 | 108.00 | 109.19 | 109.18 | 109.20 | 107.91 | 108.09 |
| 04+95.41 | 11.77 | 5,993,738.54 | 2,181,347.43 | 108.48 | 107.99 | 109.18 | 109.16 | 109.20 | 107.88 | 108.09 |
| 04+98.69 | 11.79 | 5,993,739.85 | 2,181,350.47 | 108.48 | 108.00 | 109.21 | 109.18 | 109.24 | 107.87 | 108.13 |
| 05+01.97 | 11.82 | 5,993,741.15 | 2,181,353.48 | 108.48 | 108.00 | 109.23 | 109.22 | 109.24 | 107.87 | 108.11 |
| 05+05.25 | 11.85 | 5,993,742.45 | 2,181,356.49 | 108.47 | 107.99 | 109.26 | 109.21 | 109.32 | 107.87 | 108.10 |
| 05+08.53 | 11.88 | 5,993,743.75 | 2,181,359.50 | 108.47 | 107.99 | 109.23 | 109.19 | 109.26 | 107.90 | 108.08 |
| 05+11.81 | 11.90 | 5,993,745.05 | 2,181,362.51 | 108.47 | 107.99 | 109.23 | 109.19 | 109.26 | 107.90 | 108.08 |
| 05+15.09 | 11.93 | 5,993,746.35 | 2,181,365.52 | 108.46 | 107.97 | 109.19 | 109.18 | 109.21 | 107.90 | 108.05 |
| 05+18.37 | 11.96 | 5,993,747.65 | 2,181,368.53 | 108.46 | 107.96 | 109.22 | 109.14 | 109.29 | 107.87 | 108.04 |
| 05+21.65 | 11.97 | 5,993,748.92 | 2,181,371.57 | 108.45 | 107.93 | 109.20 | 109.09 | 109.32 | 107.86 | 108.01 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 05+24.93 | 11.95 | 5,993,750.19 | 2,181,374.58 | 108.44 | 107.94 | 109.21 | 109.08 | 109.34 | 107.87 | 108.01 |
| 05+28.22 | 11.91 | 5,993,751.39 | 2,181,377.62 | 108.44 | 107.93 | 109.16 | 109.06 | 109.27 | 107.86 | 108.00 |
| 05+31.50 | 11.85 | 5,993,752.63 | 2,181,380.67 | 108.43 | 107.93 | 109.16 | 109.11 | 109.21 | 107.85 | 108.02 |
| 05+34.78 | 11.80 | 5,993,753.86 | 2,181,383.71 | 108.41 | 107.91 | 109.14 | 109.15 | 109.13 | 107.81 | 108.02 |
| 05+38.06 | 11.75 | 5,993,755.07 | 2,181,386.75 | 108.40 | 107.90 | 109.16 | 109.20 | 109.13 | 107.80 | 108.01 |
| 05+41.34 | 11.70 | 5,993,756.30 | 2,181,389.80 | 108.39 | 107.88 | 109.13 | 109.18 | 109.08 | 107.80 | 107.97 |
| 05+44.62 | 11.64 | 5,993,757.54 | 2,181,392.87 | 108.38 | 107.88 | 109.11 | 109.14 | 109.09 | 107.82 | 107.95 |
| 05+47.90 | 11.59 | 5,993,758.74 | 2,181,395.92 | 108.37 | 107.87 | 109.08 | 109.13 | 109.02 | 107.80 | 107.94 |
| 05+51.18 | 11.55 | 5,993,759.98 | 2,181,398.93 | 108.36 | 107.86 | 109.14 | 109.15 | 109.12 | 107.77 | 107.95 |
| 05+54.46 | 11.53 | 5,993,761.25 | 2,181,401.97 | 108.36 | 107.82 | 109.15 | 109.13 | 109.18 | 107.71 | 107.94 |
| 05+57.74 | 11.51 | 5,993,762.48 | 2,181,405.01 | 108.36 | 107.83 | 109.20 | 109.15 | 109.24 | 107.72 | 107.94 |
| 05+61.02 | 11.50 | 5,993,763.75 | 2,181,408.02 | 108.37 | 107.83 | 109.15 | 109.12 | 109.19 | 107.73 | 107.94 |
| 05+64.30 | 11.49 | 5,993,765.02 | 2,181,411.07 | 108.37 | 107.86 | 109.15 | 109.12 | 109.19 | 107.77 | 107.95 |
| 05+67.59 | 11.48 | 5,993,766.29 | 2,181,414.11 | 108.38 | 107.86 | 109.14 | 109.09 | 109.19 | 107.78 | 107.95 |
| 05+70.87 | 11.47 | 5,993,767.56 | 2,181,417.12 | 108.38 | 107.87 | 109.14 | 109.09 | 109.18 | 107.79 | 107.95 |
| 05+74.15 | 11.46 | 5,993,768.83 | 2,181,420.16 | 108.38 | 107.85 | 109.12 | 109.06 | 109.17 | 107.79 | 107.92 |
| 05+77.43 | 11.43 | 5,993,770.06 | 2,181,423.17 | 108.39 | 107.83 | 109.09 | 109.00 | 109.17 | 107.79 | 107.88 |
| 05+80.71 | 11.39 | 5,993,771.30 | 2,181,426.22 | 108.38 | 107.81 | 109.06 | 108.97 | 109.14 | 107.77 | 107.86 |
| 05+83.99 | 11.34 | 5,993,772.53 | 2,181,429.26 | 108.37 | 107.81 | 109.03 | 108.95 | 109.12 | 107.74 | 107.88 |
| 05+87.27 | 11.29 | 5,993,773.74 | 2,181,432.30 | 108.37 | 107.81 | 109.05 | 109.00 | 109.10 | 107.71 | 107.91 |
| 05+90.55 | 11.23 | 5,993,774.97 | 2,181,435.35 | 108.36 | 107.80 | 109.03 | 109.02 | 109.03 | 107.70 | 107.90 |
| 05+93.83 | 11.18 | 5,993,776.17 | 2,181,438.39 | 108.35 | 107.79 | 109.06 | 109.08 | 109.06 | 107.70 | 107.88 |
| 05+97.11 | 11.13 | 5,993,777.41 | 2,181,441.47 | 108.34 | 107.78 | 109.05 | 109.09 | 109.01 | 107.69 | 107.86 |
| 06+00.39 | 11.07 | 5,993,778.65 | 2,181,444.51 | 108.33 | 107.78 | 109.10 | 109.09 | 109.12 | 107.72 | 107.83 |
| 06+03.67 | 11.02 | 5,993,779.85 | 2,181,447.55 | 108.33 | 107.78 | 109.06 | 109.02 | 109.10 | 107.73 | 107.82 |
| 06+06.96 | 10.96 | 5,993,781.09 | 2,181,450.60 | 108.32 | 107.78 | 109.03 | 108.97 | 109.09 | 107.74 | 107.82 |
| 06+10.24 | 10.91 | 5,993,782.29 | 2,181,453.64 | 108.32 | 107.77 | 108.97 | 108.91 | 109.02 | 107.72 | 107.82 |
| 06+13.52 | 10.86 | 5,993,783.52 | 2,181,456.68 | 108.32 | 107.76 | 108.93 | 108.95 | 108.92 | 107.70 | 107.82 |
| 06+16.80 | 10.80 | 5,993,784.76 | 2,181,459.73 | 108.32 | 107.75 | 108.92 | 108.95 | 108.90 | 107.69 | 107.81 |
| 06+20.08 | 10.74 | 5,993,785.96 | 2,181,462.77 | 108.32 | 107.74 | 108.88 | 108.90 | 108.87 | 107.68 | 107.81 |
| 06+23.36 | 10.69 | 5,993,787.20 | 2,181,465.81 | 108.32 | 107.77 | 108.86 | 108.88 | 108.85 | 107.73 | 107.80 |
| 06+26.64 | 10.64 | 5,993,788.40 | 2,181,468.86 | 108.32 | 107.81 | 108.87 | 108.89 | 108.86 | 107.85 | 107.78 |
| 06+29.92 | 10.58 | 5,993,789.64 | 2,181,471.90 | 108.32 | 107.85 | 108.92 | 108.99 | 108.85 | 107.96 | 107.74 |
| 06+33.20 | 10.53 | 5,993,790.87 | 2,181,474.94 | 108.32 | 107.82 | 108.96 | 109.00 | 108.92 | 107.95 | 107.70 |
| 06+36.48 | 10.48 | 5,993,792.08 | 2,181,477.98 | 108.31 | 107.77 | 108.95 | 109.03 | 108.86 | 107.84 | 107.70 |
| 06+39.76 | 10.43 | 5,993,793.31 | 2,181,481.03 | 108.31 | 107.74 | 108.99 | 109.06 | 108.91 | 107.75 | 107.72 |
| 06+43.04 | 10.38 | 5,993,794.55 | 2,181,484.07 | 108.30 | 107.72 | 109.01 | 109.12 | 108.89 | 107.70 | 107.74 |
| 06+46.33 | 10.33 | 5,993,795.78 | 2,181,487.11 | 108.29 | 107.73 | 109.09 | 109.16 | 109.01 | 107.70 | 107.75 |
| 06+49.61 | 10.28 | 5,993,797.02 | 2,181,490.16 | 108.28 | 107.72 | 109.11 | 109.20 | 109.02 | 107.67 | 107.78 |
| 06+52.89 | 10.23 | 5,993,798.22 | 2,181,493.20 | 108.27 | 107.72 | 109.13 | 109.19 | 109.08 | 107.68 | 107.75 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 06+56.17 | 10.18 | 5,993,799.46 | 2,181,496.24 | 108.27 | 107.69 | 109.10 | 109.15 | 109.05 | 107.64 | 107.74 |
| 06+59.45 | 10.13 | 5,993,800.70 | 2,181,499.29 | 108.26 | 107.67 | 108.98 | 109.06 | 108.89 | 107.62 | 107.72 |
| 06+62.73 | 10.09 | 5,993,801.93 | 2,181,502.33 | 108.24 | 107.66 | 108.92 | 109.03 | 108.82 | 107.59 | 107.74 |
| 06+66.01 | 10.05 | 5,993,803.17 | 2,181,505.37 | 108.23 | 107.64 | 108.83 | 108.99 | 108.67 | 107.56 | 107.72 |
| 06+69.29 | 10.01 | 5,993,804.40 | 2,181,508.42 | 108.21 | 107.63 | 108.81 | 108.93 | 108.68 | 107.57 | 107.69 |
| 06+72.57 | 9.97 | 5,993,805.64 | 2,181,511.46 | 108.19 | 107.60 | 108.78 | 108.91 | 108.64 | 107.57 | 107.63 |
| 06+75.85 | 9.93 | 5,993,806.87 | 2,181,514.47 | 108.17 | 107.59 | 108.74 | 108.89 | 108.59 | 107.58 | 107.60 |
| 06+79.13 | 9.89 | 5,993,808.14 | 2,181,517.51 | 108.15 | 107.57 | 108.76 | 108.88 | 108.64 | 107.56 | 107.58 |
| 06+82.41 | 9.85 | 5,993,809.38 | 2,181,520.56 | 108.13 | 107.57 | 108.75 | 108.86 | 108.65 | 107.56 | 107.59 |
| 06+85.70 | 9.81 | 5,993,810.61 | 2,181,523.60 | 108.11 | 107.57 | 108.80 | 108.85 | 108.76 | 107.55 | 107.59 |
| 06+88.98 | 9.80 | 5,993,811.88 | 2,181,526.64 | 108.09 | 107.56 | 108.81 | 108.86 | 108.76 | 107.56 | 107.57 |
| 06+92.26 | 9.80 | 5,993,813.15 | 2,181,529.65 | 108.09 | 107.52 | 108.80 | 108.83 | 108.77 | 107.51 | 107.54 |
| 06+95.54 | 9.81 | 5,993,814.42 | 2,181,532.66 | 108.08 | 107.49 | 108.77 | 108.75 | 108.79 | 107.48 | 107.49 |
| 06+98.82 | 9.82 | 5,993,815.72 | 2,181,535.71 | 108.08 | 107.46 | 108.75 | 108.72 | 108.79 | 107.45 | 107.47 |
| 07+02.10 | 9.83 | 5,993,817.02 | 2,181,538.72 | 108.08 | 107.45 | 108.74 | 108.70 | 108.78 | 107.46 | 107.44 |
| 07+05.38 | 9.84 | 5,993,818.29 | 2,181,541.73 | 108.07 | 107.44 | 108.74 | 108.73 | 108.76 | 107.45 | 107.42 |
| 07+08.66 | 9.85 | 5,993,819.59 | 2,181,544.74 | 108.07 | 107.42 | 108.73 | 108.68 | 108.78 | 107.42 | 107.42 |
| 07+11.94 | 9.86 | 5,993,820.86 | 2,181,547.78 | 108.06 | 107.42 | 108.74 | 108.70 | 108.78 | 107.40 | 107.44 |
| 07+15.22 | 9.85 | 5,993,822.13 | 2,181,550.79 | 108.06 | 107.42 | 108.78 | 108.74 | 108.83 | 107.40 | 107.44 |
| 07+18.50 | 9.80 | 5,993,823.37 | 2,181,553.83 | 108.05 | 107.40 | 108.80 | 108.75 | 108.85 | 107.39 | 107.41 |
| 07+21.78 | 9.73 | 5,993,824.57 | 2,181,556.88 | 108.04 | 107.39 | 108.76 | 108.67 | 108.85 | 107.38 | 107.39 |
| 07+25.07 | 9.67 | 5,993,825.80 | 2,181,559.92 | 108.02 | 107.36 | 108.72 | 108.61 | 108.83 | 107.36 | 107.36 |
| 07+28.35 | 9.60 | 5,993,827.01 | 2,181,563.00 | 108.01 | 107.38 | 108.77 | 108.75 | 108.78 | 107.37 | 107.38 |
| 07+31.63 | 9.53 | 5,993,828.21 | 2,181,566.04 | 108.00 | 107.38 | 108.85 | 108.91 | 108.78 | 107.39 | 107.37 |
| 07+34.91 | 9.46 | 5,993,829.41 | 2,181,569.08 | 107.99 | 107.39 | 108.84 | 108.91 | 108.76 | 107.40 | 107.37 |
| 07+38.19 | 9.39 | 5,993,830.65 | 2,181,572.13 | 107.98 | 107.38 | 108.77 | 108.82 | 108.72 | 107.41 | 107.35 |
| 07+41.47 | 9.33 | 5,993,831.85 | 2,181,575.17 | 107.97 | 107.38 | 108.69 | 108.73 | 108.66 | 107.39 | 107.36 |
| 07+44.75 | 9.28 | 5,993,833.09 | 2,181,578.21 | 107.96 | 107.36 | 108.68 | 108.75 | 108.62 | 107.36 | 107.35 |
| 07+48.03 | 9.25 | 5,993,834.32 | 2,181,581.25 | 107.96 | 107.31 | 108.64 | 108.67 | 108.60 | 107.31 | 107.31 |
| 07+51.31 | 9.22 | 5,993,835.59 | 2,181,584.30 | 107.95 | 107.27 | 108.61 | 108.60 | 108.63 | 107.27 | 107.26 |
| 07+54.59 | 9.19 | 5,993,836.83 | 2,181,587.34 | 107.95 | 107.26 | 108.60 | 108.59 | 108.62 | 107.26 | 107.25 |
| 07+57.87 | 9.16 | 5,993,838.06 | 2,181,590.35 | 107.94 | 107.26 | 108.64 | 108.59 | 108.69 | 107.25 | 107.26 |
| 07+61.15 | 9.12 | 5,993,839.33 | 2,181,593.39 | 107.94 | 107.24 | 108.62 | 108.60 | 108.65 | 107.22 | 107.27 |
| 07+64.44 | 9.09 | 5,993,840.57 | 2,181,596.44 | 107.94 | 107.26 | 108.61 | 108.59 | 108.63 | 107.22 | 107.31 |
| 07+67.72 | 9.06 | 5,993,841.84 | 2,181,599.48 | 107.93 | 107.28 | 108.57 | 108.59 | 108.56 | 107.24 | 107.32 |
| 07+71.00 | 9.04 | 5,993,843.07 | 2,181,602.49 | 107.92 | 107.29 | 108.57 | 108.55 | 108.60 | 107.27 | 107.31 |
| 07+74.28 | 9.01 | 5,993,844.31 | 2,181,605.53 | 107.90 | 107.27 | 108.57 | 108.51 | 108.63 | 107.27 | 107.27 |
| 07+77.56 | 8.99 | 5,993,845.58 | 2,181,608.58 | 107.89 | 107.27 | 108.53 | 108.49 | 108.57 | 107.27 | 107.26 |
| 07+80.84 | 8.96 | 5,993,846.85 | 2,181,611.59 | 107.87 | 107.25 | 108.52 | 108.50 | 108.55 | 107.25 | 107.25 |
| 07+84.12 | 8.94 | 5,993,848.08 | 2,181,614.63 | 107.85 | 107.24 | 108.51 | 108.50 | 108.53 | 107.25 | 107.24 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 07+87.40 | 8.91 | 5,993,849.35 | 2,181,617.67 | 107.83 | 107.23 | 108.55 | 108.50 | 108.60 | 107.24 | 107.22 |
| 07+90.68 | 8.89 | 5,993,850.59 | 2,181,620.68 | 107.81 | 107.22 | 108.55 | 108.46 | 108.64 | 107.24 | 107.21 |
| 07+93.96 | 8.87 | 5,993,851.86 | 2,181,623.73 | 107.80 | 107.21 | 108.55 | 108.41 | 108.68 | 107.22 | 107.21 |
| 07+97.24 | 8.84 | 5,993,853.09 | 2,181,626.77 | 107.78 | 107.18 | 108.58 | 108.49 | 108.67 | 107.18 | 107.19 |
| 08+00.52 | 8.82 | 5,993,854.36 | 2,181,629.81 | 107.76 | 107.16 | 108.52 | 108.46 | 108.59 | 107.14 | 107.18 |
| 08+03.81 | 8.79 | 5,993,855.60 | 2,181,632.82 | 107.75 | 107.13 | 108.47 | 108.44 | 108.50 | 107.11 | 107.15 |
| 08+07.09 | 8.76 | 5,993,856.86 | 2,181,635.87 | 107.74 | 107.11 | 108.34 | 108.33 | 108.34 | 107.09 | 107.13 |
| 08+10.37 | 8.73 | 5,993,858.10 | 2,181,638.91 | 107.72 | 107.10 | 108.35 | 108.33 | 108.37 | 107.08 | 107.12 |
| 08+13.65 | 8.69 | 5,993,859.34 | 2,181,641.95 | 107.71 | 107.09 | 108.39 | 108.38 | 108.41 | 107.09 | 107.10 |
| 08+16.93 | 8.66 | 5,993,860.60 | 2,181,644.96 | 107.70 | 107.11 | 108.44 | 108.38 | 108.51 | 107.11 | 107.12 |
| 08+20.21 | 8.64 | 5,993,861.84 | 2,181,648.01 | 107.68 | 107.13 | 108.42 | 108.39 | 108.44 | 107.12 | 107.13 |
| 08+23.49 | 8.61 | 5,993,863.11 | 2,181,651.05 | 107.67 | 107.11 | 108.39 | 108.38 | 108.40 | 107.11 | 107.12 |
| 08+26.77 | 8.58 | 5,993,864.34 | 2,181,654.06 | 107.65 | 107.10 | 108.35 | 108.37 | 108.33 | 107.10 | 107.10 |
| 08+30.05 | 8.56 | 5,993,865.61 | 2,181,657.10 | 107.63 | 107.06 | 108.33 | 108.34 | 108.32 | 107.08 | 107.05 |
| 08+33.33 | 8.54 | 5,993,866.85 | 2,181,660.15 | 107.61 | 107.05 | 108.33 | 108.33 | 108.32 | 107.05 | 107.04 |
| 08+36.61 | 8.52 | 5,993,868.12 | 2,181,663.16 | 107.60 | 107.02 | 108.34 | 108.32 | 108.37 | 107.03 | 107.01 |
| 08+39.90 | 8.49 | 5,993,869.35 | 2,181,666.20 | 107.58 | 107.01 | 108.37 | 108.31 | 108.43 | 107.01 | 107.01 |
| 08+43.18 | 8.47 | 5,993,870.62 | 2,181,669.24 | 107.56 | 107.01 | 108.37 | 108.33 | 108.41 | 107.01 | 107.01 |
| 08+46.46 | 8.45 | 5,993,871.89 | 2,181,672.25 | 107.54 | 107.01 | 108.35 | 108.32 | 108.38 | 107.01 | 107.02 |
| 08+49.74 | 8.43 | 5,993,873.13 | 2,181,675.30 | 107.52 | 107.00 | 108.31 | 108.32 | 108.30 | 107.01 | 107.00 |
| 08+53.02 | 8.40 | 5,993,874.39 | 2,181,678.34 | 107.51 | 106.99 | 108.29 | 108.29 | 108.29 | 106.99 | 106.99 |
| 08+56.30 | 8.36 | 5,993,875.63 | 2,181,681.38 | 107.51 | 106.97 | 108.28 | 108.28 | 108.28 | 106.96 | 106.98 |
| 08+59.58 | 8.32 | 5,993,876.87 | 2,181,684.42 | 107.52 | 106.97 | 108.27 | 108.27 | 108.28 | 106.93 | 107.01 |
| 08+62.86 | 8.27 | 5,993,878.10 | 2,181,687.43 | 107.53 | 106.96 | 108.28 | 108.27 | 108.30 | 106.91 | 107.01 |
| 08+66.14 | 8.23 | 5,993,879.34 | 2,181,690.48 | 107.54 | 106.96 | 108.28 | 108.26 | 108.30 | 106.92 | 107.00 |
| 08+69.42 | 8.19 | 5,993,880.57 | 2,181,693.52 | 107.54 | 106.96 | 108.31 | 108.26 | 108.36 | 106.95 | 106.98 |
| 08+72.70 | 8.14 | 5,993,881.81 | 2,181,696.56 | 107.55 | 106.97 | 108.30 | 108.24 | 108.36 | 106.97 | 106.97 |
| 08+75.98 | 8.10 | 5,993,883.05 | 2,181,699.61 | 107.56 | 106.98 | 108.31 | 108.26 | 108.37 | 106.96 | 107.00 |
| 08+79.27 | 8.05 | 5,993,884.28 | 2,181,702.65 | 107.56 | 106.97 | 108.31 | 108.26 | 108.37 | 106.93 | 107.00 |
| 08+82.55 | 8.01 | 5,993,885.52 | 2,181,705.69 | 107.56 | 106.95 | 108.31 | 108.29 | 108.33 | 106.91 | 106.99 |
| 08+85.83 | 7.96 | 5,993,886.72 | 2,181,708.74 | 107.55 | 106.92 | 108.31 | 108.28 | 108.33 | 106.90 | 106.95 |
| 08+89.11 | 7.91 | 5,993,887.96 | 2,181,711.78 | 107.53 | 106.90 | 108.29 | 108.27 | 108.31 | 106.88 | 106.92 |
| 08+92.39 | 7.86 | 5,993,889.19 | 2,181,714.82 | 107.52 | 106.89 | 108.27 | 108.23 | 108.31 | 106.87 | 106.91 |
| 08+95.67 | 7.81 | 5,993,890.43 | 2,181,717.87 | 107.51 | 106.86 | 108.26 | 108.23 | 108.29 | 106.83 | 106.89 |
| 08+98.95 | 7.76 | 5,993,891.66 | 2,181,720.91 | 107.50 | 106.83 | 108.22 | 108.18 | 108.26 | 106.80 | 106.87 |
| 09+02.23 | 7.71 | 5,993,892.90 | 2,181,723.95 | 107.49 | 106.82 | 108.18 | 108.16 | 108.19 | 106.79 | 106.85 |
| 09+05.51 | 7.66 | 5,993,894.14 | 2,181,727.00 | 107.48 | 106.82 | 108.16 | 108.14 | 108.18 | 106.79 | 106.86 |
| 09+08.79 | 7.63 | 5,993,895.37 | 2,181,730.01 | 107.47 | 106.83 | 108.16 | 108.15 | 108.18 | 106.80 | 106.87 |
| 09+12.07 | 7.60 | 5,993,896.61 | 2,181,733.05 | 107.48 | 106.85 | 108.21 | 108.17 | 108.24 | 106.79 | 106.90 |
| 09+15.35 | 7.58 | 5,993,897.88 | 2,181,736.09 | 107.48 | 106.86 | 108.22 | 108.16 | 108.28 | 106.81 | 106.91 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 09+18.64 | 7.56 | 5,993,899.11 | 2,181,739.10 | 107.48 | 106.87 | 108.23 | 108.17 | 108.28 | 106.82 | 106.91 |
| 09+21.92 | 7.53 | 5,993,900.38 | 2,181,742.15 | 107.49 | 106.84 | 108.22 | 108.17 | 108.27 | 106.83 | 106.85 |
| 09+25.20 | 7.51 | 5,993,901.65 | 2,181,745.19 | 107.49 | 106.80 | 108.20 | 108.16 | 108.23 | 106.82 | 106.78 |
| 09+28.48 | 7.49 | 5,993,902.88 | 2,181,748.20 | 107.50 | 106.77 | 108.18 | 108.13 | 108.23 | 106.80 | 106.75 |
| 09+31.76 | 7.46 | 5,993,904.15 | 2,181,751.24 | 107.50 | 106.77 | 108.18 | 108.14 | 108.21 | 106.80 | 106.74 |
| 09+35.04 | 7.42 | 5,993,905.39 | 2,181,754.29 | 107.49 | 106.78 | 108.21 | 108.14 | 108.28 | 106.80 | 106.77 |
| 09+38.32 | 7.37 | 5,993,906.62 | 2,181,757.33 | 107.48 | 106.78 | 108.19 | 108.07 | 108.30 | 106.81 | 106.76 |
| 09+41.60 | 7.31 | 5,993,907.83 | 2,181,760.37 | 107.46 | 106.81 | 108.16 | 108.01 | 108.32 | 106.80 | 106.81 |
| 09+44.88 | 7.26 | 5,993,909.06 | 2,181,763.42 | 107.45 | 106.80 | 108.11 | 107.94 | 108.29 | 106.79 | 106.80 |
| 09+48.16 | 7.20 | 5,993,910.30 | 2,181,766.46 | 107.43 | 106.80 | 108.15 | 108.02 | 108.29 | 106.79 | 106.80 |
| 09+51.44 | 7.15 | 5,993,911.50 | 2,181,769.50 | 107.42 | 106.77 | 108.11 | 108.02 | 108.21 | 106.79 | 106.76 |
| 09+54.72 | 7.09 | 5,993,912.74 | 2,181,772.55 | 107.40 | 106.76 | 108.11 | 108.03 | 108.19 | 106.77 | 106.75 |
| 09+58.01 | 7.04 | 5,993,913.97 | 2,181,775.59 | 107.39 | 106.75 | 108.08 | 108.01 | 108.15 | 106.74 | 106.77 |
| 09+61.29 | 6.98 | 5,993,915.18 | 2,181,778.63 | 107.38 | 106.76 | 108.09 | 108.02 | 108.16 | 106.70 | 106.81 |
| 09+64.57 | 6.91 | 5,993,916.41 | 2,181,781.68 | 107.36 | 106.77 | 108.09 | 108.03 | 108.16 | 106.70 | 106.82 |
| 09+67.85 | 6.84 | 5,993,917.62 | 2,181,784.75 | 107.35 | 106.77 | 108.09 | 108.05 | 108.14 | 106.73 | 106.81 |
| 09+71.13 | 6.77 | 5,993,918.82 | 2,181,787.79 | 107.34 | 106.77 | 108.10 | 108.03 | 108.17 | 106.74 | 106.79 |
| 09+74.41 | 6.71 | 5,993,920.02 | 2,181,790.84 | 107.33 | 106.74 | 108.11 | 108.09 | 108.13 | 106.73 | 106.76 |
| 09+77.69 | 6.63 | 5,993,921.26 | 2,181,793.88 | 107.31 | 106.72 | 108.11 | 108.08 | 108.15 | 106.70 | 106.74 |
| 09+80.97 | 6.56 | 5,993,922.46 | 2,181,796.93 | 107.30 | 106.70 | 108.10 | 108.06 | 108.15 | 106.69 | 106.70 |
| 09+84.25 | 6.50 | 5,993,923.66 | 2,181,800.00 | 107.29 | 106.69 | 108.08 | 108.03 | 108.14 | 106.68 | 106.69 |
| 09+87.53 | 6.44 | 5,993,924.90 | 2,181,803.04 | 107.28 | 106.68 | 108.03 | 107.97 | 108.08 | 106.68 | 106.67 |
| 09+90.81 | 6.39 | 5,993,926.14 | 2,181,806.09 | 107.26 | 106.67 | 107.98 | 107.97 | 107.98 | 106.66 | 106.67 |
| 09+94.09 | 6.37 | 5,993,927.37 | 2,181,809.10 | 107.24 | 106.67 | 107.92 | 107.88 | 107.96 | 106.64 | 106.69 |
| 09+97.38 | 6.36 | 5,993,928.64 | 2,181,812.14 | 107.22 | 106.64 | 107.88 | 107.82 | 107.94 | 106.58 | 106.70 |
| 10+00.66 | 6.35 | 5,993,929.91 | 2,181,815.15 | 107.20 | 106.62 | 107.88 | 107.78 | 107.98 | 106.54 | 106.69 |
| 10+03.94 | 6.33 | 5,993,931.18 | 2,181,818.19 | 107.19 | 106.60 | 107.88 | 107.79 | 107.98 | 106.53 | 106.68 |
| 10+07.22 | 6.32 | 5,993,932.45 | 2,181,821.20 | 107.17 | 106.60 | 107.88 | 107.81 | 107.96 | 106.54 | 106.67 |
| 10+10.50 | 6.31 | 5,993,933.71 | 2,181,824.25 | 107.15 | 106.61 | 107.87 | 107.80 | 107.94 | 106.56 | 106.66 |
| 10+13.78 | 6.29 | 5,993,934.95 | 2,181,827.29 | 107.13 | 106.59 | 107.86 | 107.82 | 107.90 | 106.55 | 106.63 |
| 10+17.06 | 6.27 | 5,993,936.22 | 2,181,830.30 | 107.12 | 106.56 | 107.87 | 107.83 | 107.91 | 106.54 | 106.57 |
| 10+20.34 | 6.25 | 5,993,937.49 | 2,181,833.34 | 107.12 | 106.53 | 107.88 | 107.86 | 107.90 | 106.52 | 106.54 |
| 10+23.62 | 6.23 | 5,993,938.72 | 2,181,836.35 | 107.14 | 106.52 | 107.90 | 107.85 | 107.95 | 106.52 | 106.52 |
| 10+26.90 | 6.21 | 5,993,939.99 | 2,181,839.40 | 107.15 | 106.52 | 107.95 | 107.92 | 107.97 | 106.52 | 106.52 |
| 10+30.18 | 6.19 | 5,993,941.26 | 2,181,842.44 | 107.16 | 106.51 | 107.92 | 107.88 | 107.96 | 106.51 | 106.51 |
| 10+33.46 | 6.16 | 5,993,942.50 | 2,181,845.45 | 107.17 | 106.50 | 107.91 | 107.86 | 107.95 | 106.49 | 106.51 |
| 10+36.75 | 6.15 | 5,993,943.76 | 2,181,848.49 | 107.18 | 106.50 | 107.88 | 107.80 | 107.97 | 106.49 | 106.52 |
| 10+40.03 | 6.12 | 5,993,945.00 | 2,181,851.54 | 107.19 | 106.49 | 107.87 | 107.77 | 107.98 | 106.49 | 106.50 |
| 10+43.31 | 6.10 | 5,993,946.27 | 2,181,854.55 | 107.19 | 106.47 | 107.92 | 107.85 | 107.98 | 106.49 | 106.46 |
| 10+46.59 | 6.08 | 5,993,947.54 | 2,181,857.59 | 107.19 | 106.44 | 107.93 | 107.94 | 107.92 | 106.43 | 106.44 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 10+49.87 | 6.06 | 5,993,948.77 | 2,181,860.63 | 107.17 | 106.44 | 107.98 | 108.02 | 107.94 | 106.40 | 106.47 |
| 10+53.15 | 6.04 | 5,993,950.04 | 2,181,863.64 | 107.14 | 106.44 | 107.99 | 108.03 | 107.95 | 106.39 | 106.49 |
| 10+56.43 | 6.02 | 5,993,951.31 | 2,181,866.69 | 107.12 | 106.45 | 107.98 | 108.00 | 107.97 | 106.40 | 106.50 |
| 10+59.71 | 6.00 | 5,993,952.55 | 2,181,869.73 | 107.10 | 106.45 | 108.03 | 108.10 | 107.95 | 106.44 | 106.46 |
| 10+62.99 | 5.98 | 5,993,953.81 | 2,181,872.74 | 107.07 | 106.45 | 108.06 | 108.16 | 107.96 | 106.44 | 106.45 |
| 10+66.27 | 5.96 | 5,993,955.08 | 2,181,875.78 | 107.05 | 106.44 | 108.05 | 108.13 | 107.98 | 106.44 | 106.43 |
| 10+69.55 | 5.94 | 5,993,956.32 | 2,181,878.83 | 107.03 | 106.41 | 108.06 | 108.13 | 108.00 | 106.40 | 106.43 |
| 10+72.83 | 5.94 | 5,993,957.62 | 2,181,881.84 | 107.01 | 106.41 | 108.01 | 108.02 | 108.01 | 106.39 | 106.43 |
| 10+76.12 | 5.94 | 5,993,958.89 | 2,181,884.85 | 106.99 | 106.41 | 108.02 | 108.00 | 108.05 | 106.40 | 106.42 |
| 10+79.40 | 5.95 | 5,993,960.19 | 2,181,887.89 | 106.98 | 106.41 | 108.00 | 107.94 | 108.05 | 106.41 | 106.42 |
| 10+82.68 | 5.96 | 5,993,961.46 | 2,181,890.90 | 106.97 | 106.41 | 107.94 | 107.88 | 108.00 | 106.41 | 106.41 |
| 10+85.96 | 5.98 | 5,993,962.76 | 2,181,893.91 | 106.96 | 106.40 | 107.99 | 108.01 | 107.97 | 106.37 | 106.43 |
| 10+89.24 | 5.99 | 5,993,964.03 | 2,181,896.92 | 106.95 | 106.38 | 108.02 | 108.03 | 108.02 | 106.34 | 106.42 |
| 10+92.52 | 6.00 | 5,993,965.33 | 2,181,899.96 | 106.94 | 106.37 | 108.07 | 108.13 | 108.02 | 106.32 | 106.42 |
| 10+95.80 | 6.01 | 5,993,966.60 | 2,181,902.97 | 106.93 | 106.36 | 107.99 | 108.00 | 107.98 | 106.32 | 106.40 |
| 10+99.08 | 6.03 | 5,993,967.90 | 2,181,905.98 | 106.91 | 106.34 | 107.97 | 108.00 | 107.95 | 106.33 | 106.35 |
| 11+02.36 | 6.05 | 5,993,969.20 | 2,181,908.99 | 106.89 | 106.33 | 107.98 | 108.01 | 107.96 | 106.33 | 106.32 |
| 11+05.64 | 6.07 | 5,993,970.50 | 2,181,912.00 | 106.87 | 106.31 | 108.00 | 108.05 | 107.94 | 106.32 | 106.29 |
| 11+08.92 | 6.09 | 5,993,971.77 | 2,181,915.04 | 106.84 | 106.30 | 107.94 | 108.00 | 107.88 | 106.30 | 106.30 |
| 11+12.20 | 6.11 | 5,993,973.07 | 2,181,918.05 | 106.82 | 106.28 | 107.88 | 107.96 | 107.80 | 106.28 | 106.29 |
| 11+15.49 | 6.13 | 5,993,974.37 | 2,181,921.06 | 106.79 | 106.26 | 107.84 | 107.97 | 107.71 | 106.23 | 106.28 |
| 11+18.77 | 6.15 | 5,993,975.67 | 2,181,924.07 | 106.77 | 106.25 | 107.78 | 107.86 | 107.69 | 106.24 | 106.26 |
| 11+22.05 | 6.17 | 5,993,976.98 | 2,181,927.08 | 106.75 | 106.26 | 107.81 | 107.84 | 107.78 | 106.26 | 106.26 |
| 11+25.33 | 6.19 | 5,993,978.24 | 2,181,930.09 | 106.74 | 106.27 | 107.78 | 107.71 | 107.84 | 106.28 | 106.27 |
| 11+28.61 | 6.21 | 5,993,979.55 | 2,181,933.14 | 106.74 | 106.26 | 107.82 | 107.82 | 107.83 | 106.23 | 106.28 |
| 11+31.89 | 6.23 | 5,993,980.85 | 2,181,936.15 | 106.76 | 106.23 | 107.73 | 107.67 | 107.79 | 106.19 | 106.28 |
| 11+35.17 | 6.25 | 5,993,982.15 | 2,181,939.16 | 106.78 | 106.21 | 107.73 | 107.71 | 107.74 | 106.15 | 106.27 |
| 11+38.45 | 6.27 | 5,993,983.45 | 2,181,942.17 | 106.80 | 106.21 | 107.67 | 107.59 | 107.75 | 106.15 | 106.27 |
| 11+41.73 | 6.29 | 5,993,984.72 | 2,181,945.18 | 106.82 | 106.21 | 107.69 | 107.65 | 107.72 | 106.15 | 106.26 |
| 11+45.01 | 6.53 | 5,993,986.02 | 2,181,948.22 | 106.85 | 106.20 | 107.65 | 107.65 | 107.65 | 106.18 | 106.22 |
| 11+48.29 | 6.81 | 5,993,987.32 | 2,181,951.23 | 106.87 | 106.21 | 107.60 | 107.68 | 107.54 | 106.21 | 106.20 |
| 11+51.57 | 7.09 | 5,993,988.62 | 2,181,954.24 | 106.89 | 106.19 | 107.51 | 107.63 | 107.38 | 106.19 | 106.19 |
| 11+54.86 | 7.40 | 5,993,989.92 | 2,181,957.25 | 106.91 | 106.18 | 107.45 | 107.58 | 107.33 | 106.18 | 106.19 |
| 11+58.14 | 7.71 | 5,993,991.26 | 2,181,960.26 | 106.91 | 106.15 | 107.40 | 107.53 | 107.28 | 106.13 | 106.17 |
| 11+61.42 | 8.03 | 5,993,992.56 | 2,181,963.24 | 106.91 | 106.12 | 107.39 | 107.52 | 107.26 | 106.10 | 106.14 |
| 11+64.70 | 8.35 | 5,993,993.89 | 2,181,966.25 | 106.91 | 106.11 | 107.40 | 107.53 | 107.27 | 106.08 | 106.13 |
| 11+67.98 | 8.67 | 5,993,995.23 | 2,181,969.25 | 106.91 | 106.10 | 107.41 | 107.55 | 107.28 | 106.07 | 106.13 |
| 11+71.26 | 9.00 | 5,993,996.56 | 2,181,972.23 | 106.91 | 106.12 | 107.50 | 107.61 | 107.39 | 106.10 | 106.14 |
| 11+74.54 | 9.32 | 5,993,997.89 | 2,181,975.24 | 106.91 | 106.14 | 107.52 | 107.62 | 107.41 | 106.14 | 106.15 |
| 11+77.82 | 9.64 | 5,993,999.23 | 2,181,978.25 | 106.91 | 106.17 | 107.51 | 107.59 | 107.43 | 106.18 | 106.17 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 11+81.10 | 9.96 | 5,994,000.56 | 2,181,981.26 | 106.92 | 106.17 | 107.49 | 107.56 | 107.42 | 106.18 | 106.17 |
| 11+84.38 | 10.28 | 5,994,001.86 | 2,181,984.24 | 106.92 | 106.16 | 107.50 | 107.56 | 107.45 | 106.16 | 106.16 |
| 11+87.66 | 10.60 | 5,994,003.20 | 2,181,987.25 | 106.93 | 106.13 | 107.56 | 107.63 | 107.49 | 106.15 | 106.11 |
| 11+90.94 | 10.93 | 5,994,004.53 | 2,181,990.26 | 106.93 | 106.14 | 107.59 | 107.68 | 107.50 | 106.17 | 106.11 |
| 11+94.23 | 11.25 | 5,994,005.87 | 2,181,993.23 | 106.94 | 106.14 | 107.63 | 107.74 | 107.51 | 106.18 | 106.09 |
| 11+97.51 | 11.57 | 5,994,007.20 | 2,181,996.24 | 106.95 | 106.15 | 107.66 | 107.77 | 107.56 | 106.18 | 106.11 |
| 12+00.79 | 11.89 | 5,994,008.53 | 2,181,999.25 | 106.95 | 106.16 | 107.67 | 107.73 | 107.60 | 106.21 | 106.10 |
| 12+04.07 | 12.21 | 5,994,009.83 | 2,182,002.26 | 106.96 | 106.16 | 107.62 | 107.70 | 107.55 | 106.23 | 106.09 |
| 12+07.35 | 12.54 | 5,994,011.20 | 2,182,005.24 | 106.95 | 106.14 | 107.58 | 107.63 | 107.52 | 106.22 | 106.06 |
| 12+10.63 | 12.89 | 5,994,012.54 | 2,182,008.25 | 106.93 | 106.09 | 107.55 | 107.63 | 107.47 | 106.16 | 106.01 |
| 12+13.91 | 13.26 | 5,994,013.90 | 2,182,011.23 | 106.89 | 106.06 | 107.52 | 107.58 | 107.47 | 106.11 | 106.00 |
| 12+17.19 | 13.63 | 5,994,015.30 | 2,182,014.20 | 106.85 | 106.04 | 107.52 | 107.62 | 107.41 | 106.08 | 105.99 |
| 12+20.47 | 14.01 | 5,994,016.67 | 2,182,017.18 | 106.80 | 106.05 | 107.45 | 107.57 | 107.34 | 106.09 | 106.01 |
| 12+23.75 | 14.38 | 5,994,018.03 | 2,182,020.16 | 106.76 | 106.07 | 107.45 | 107.60 | 107.29 | 106.10 | 106.04 |
| 12+27.03 | 14.75 | 5,994,019.43 | 2,182,023.13 | 106.71 | 106.09 | 107.41 | 107.56 | 107.26 | 106.14 | 106.05 |
| 12+30.31 | 15.13 | 5,994,020.80 | 2,182,026.11 | 106.67 | 106.10 | 107.40 | 107.59 | 107.21 | 106.14 | 106.06 |
| 12+33.60 | 15.50 | 5,994,022.17 | 2,182,029.09 | 106.62 | 106.08 | 107.34 | 107.54 | 107.15 | 106.11 | 106.04 |
| 12+36.88 | 15.87 | 5,994,023.53 | 2,182,032.06 | 106.60 | 106.06 | 107.30 | 107.51 | 107.09 | 106.10 | 106.03 |
| 12+40.16 | 16.23 | 5,994,024.90 | 2,182,035.04 | 106.58 | 106.03 | 107.29 | 107.48 | 107.11 | 106.08 | 105.98 |
| 12+43.44 | 16.17 | 5,994,026.27 | 2,182,038.05 | 106.58 | 106.03 | 107.37 | 107.50 | 107.24 | 106.08 | 105.97 |
| 12+46.72 | 16.07 | 5,994,027.63 | 2,182,041.02 | 106.58 | 106.01 | 107.44 | 107.49 | 107.39 | 106.08 | 105.94 |
| 12+50.00 | 15.96 | 5,994,029.00 | 2,182,044.00 | 106.58 | 106.00 | 107.49 | 107.49 | 107.49 | 106.09 | 105.92 |
| 12+53.28 | 15.86 | 5,994,030.37 | 2,182,046.98 | 106.58 | 106.00 | 107.42 | 107.46 | 107.38 | 106.09 | 105.91 |
| 12+56.56 | 15.75 | 5,994,031.73 | 2,182,049.99 | 106.58 | 105.99 | 107.33 | 107.39 | 107.26 | 106.07 | 105.92 |
| 12+59.84 | 15.65 | 5,994,033.10 | 2,182,052.96 | 106.58 | 105.98 | 107.26 | 107.35 | 107.16 | 106.03 | 105.93 |
| 12+63.12 | 15.53 | 5,994,034.47 | 2,182,055.94 | 106.58 | 105.97 | 107.22 | 107.29 | 107.15 | 106.04 | 105.91 |
| 12+66.40 | 15.39 | 5,994,035.80 | 2,182,058.95 | 106.57 | 105.98 | 107.19 | 107.33 | 107.06 | 106.06 | 105.90 |
| 12+69.69 | 15.22 | 5,994,037.10 | 2,182,061.96 | 106.55 | 106.00 | 107.14 | 107.29 | 106.99 | 106.10 | 105.90 |
| 12+72.97 | 15.05 | 5,994,038.40 | 2,182,064.97 | 106.53 | 106.01 | 107.09 | 107.23 | 106.96 | 106.14 | 105.90 |
| 12+76.25 | 14.88 | 5,994,039.71 | 2,182,067.98 | 106.51 | 106.02 | 107.04 | 107.12 | 106.97 | 106.15 | 105.90 |
| 12+79.53 | 14.71 | 5,994,041.01 | 2,182,070.99 | 106.48 | 106.01 | 107.08 | 107.15 | 107.00 | 106.15 | 105.87 |
| 12+82.81 | 14.54 | 5,994,042.31 | 2,182,074.00 | 106.46 | 105.98 | 107.11 | 107.25 | 106.98 | 106.09 | 105.86 |
| 12+86.09 | 14.37 | 5,994,043.61 | 2,182,077.01 | 106.44 | 105.95 | 107.14 | 107.33 | 106.95 | 106.07 | 105.84 |
| 12+89.37 | 14.20 | 5,994,044.91 | 2,182,080.02 | 106.42 | 105.94 | 107.11 | 107.32 | 106.91 | 106.05 | 105.83 |
| 12+92.65 | 14.04 | 5,994,046.24 | 2,182,083.03 | 106.39 | 105.93 | 107.08 | 107.27 | 106.89 | 106.05 | 105.82 |
| 12+95.93 | 13.90 | 5,994,047.58 | 2,182,086.04 | 106.36 | 105.92 | 107.06 | 107.24 | 106.88 | 106.05 | 105.80 |
| 12+99.21 | 13.79 | 5,994,048.95 | 2,182,089.02 | 106.33 | 105.92 | 107.03 | 107.19 | 106.88 | 106.05 | 105.78 |
| 13+02.49 | 13.69 | 5,994,050.31 | 2,182,091.99 | 106.29 | 105.92 | 107.03 | 107.18 | 106.89 | 106.07 | 105.76 |
| 13+05.77 | 13.59 | 5,994,051.68 | 2,182,094.97 | 106.25 | 105.91 | 107.02 | 107.16 | 106.88 | 106.07 | 105.75 |
| 13+09.06 | 13.49 | 5,994,053.05 | 2,182,097.98 | 106.21 | 105.90 | 106.97 | 107.14 | 106.80 | 106.05 | 105.74 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 13+12.34 | 13.39 | 5,994,054.41 | 2,182,100.96 | 106.17 | 105.86 | 106.91 | 107.10 | 106.73 | 105.99 | 105.72 |
| 13+15.62 | 13.29 | 5,994,055.78 | 2,182,103.93 | 106.13 | 105.83 | 106.89 | 107.06 | 106.72 | 105.96 | 105.70 |
| 13+18.90 | 13.19 | 5,994,057.15 | 2,182,106.91 | 106.10 | 105.82 | 106.85 | 107.01 | 106.69 | 105.96 | 105.68 |
| 13+22.18 | 13.08 | 5,994,058.51 | 2,182,109.89 | 106.06 | 105.82 | 106.86 | 107.00 | 106.72 | 105.96 | 105.68 |
| 13+25.46 | 12.96 | 5,994,059.85 | 2,182,112.89 | 106.02 | 105.81 | 106.80 | 106.96 | 106.65 | 105.95 | 105.68 |
| 13+28.74 | 12.82 | 5,994,061.18 | 2,182,115.90 | 106.00 | 105.83 | 106.82 | 106.97 | 106.67 | 105.99 | 105.67 |
| 13+32.02 | 12.67 | 5,994,062.51 | 2,182,118.88 | 105.97 | 105.82 | 106.74 | 106.85 | 106.64 | 106.00 | 105.64 |
| 13+35.30 | 12.51 | 5,994,063.81 | 2,182,121.89 | 105.95 | 105.85 | 106.72 | 106.80 | 106.64 | 106.07 | 105.62 |
| 13+38.58 | 12.36 | 5,994,065.15 | 2,182,124.90 | 105.92 | 105.80 | 106.62 | 106.70 | 106.54 | 106.01 | 105.59 |
| 13+41.86 | 12.21 | 5,994,066.45 | 2,182,127.91 | 105.90 | 105.79 | 106.62 | 106.75 | 106.49 | 106.00 | 105.58 |
| 13+45.14 | 12.06 | 5,994,067.78 | 2,182,130.92 | 105.87 | 105.75 | 106.58 | 106.70 | 106.46 | 105.94 | 105.57 |
| 13+48.43 | 11.90 | 5,994,069.12 | 2,182,133.93 | 105.85 | 105.75 | 106.57 | 106.67 | 106.47 | 105.91 | 105.59 |
| 13+51.71 | 11.75 | 5,994,070.42 | 2,182,136.91 | 105.83 | 105.72 | 106.55 | 106.65 | 106.45 | 105.84 | 105.59 |
| 13+54.99 | 11.60 | 5,994,071.75 | 2,182,139.92 | 105.82 | 105.72 | 106.56 | 106.68 | 106.44 | 105.86 | 105.57 |
| 13+58.27 | 11.46 | 5,994,073.09 | 2,182,142.93 | 105.81 | 105.70 | 106.56 | 106.70 | 106.42 | 105.85 | 105.55 |
| 13+61.55 | 11.31 | 5,994,074.39 | 2,182,145.94 | 105.80 | 105.72 | 106.52 | 106.63 | 106.41 | 105.87 | 105.56 |
| 13+64.83 | 11.16 | 5,994,075.72 | 2,182,148.91 | 105.80 | 105.71 | 106.47 | 106.51 | 106.43 | 105.84 | 105.59 |
| 13+68.11 | 11.01 | 5,994,077.06 | 2,182,151.92 | 105.79 | 105.75 | 106.47 | 106.47 | 106.47 | 105.91 | 105.60 |
| 13+71.39 | 10.86 | 5,994,078.36 | 2,182,154.93 | 105.78 | 105.79 | 106.48 | 106.49 | 106.47 | 106.00 | 105.58 |
| 13+74.67 | 10.72 | 5,994,079.69 | 2,182,157.94 | 105.77 | 105.77 | 106.50 | 106.58 | 106.41 | 106.01 | 105.53 |
| 13+77.95 | 10.57 | 5,994,081.03 | 2,182,160.95 | 105.76 | 105.75 | 106.45 | 106.52 | 106.37 | 106.00 | 105.49 |
| 13+81.23 | 10.41 | 5,994,082.33 | 2,182,163.93 | 105.75 | 105.68 | 106.45 | 106.52 | 106.39 | 105.91 | 105.46 |
| 13+84.51 | 10.26 | 5,994,083.66 | 2,182,166.94 | 105.73 | 105.65 | 106.46 | 106.55 | 106.37 | 105.83 | 105.48 |
| 13+87.80 | 10.10 | 5,994,084.96 | 2,182,169.95 | 105.71 | 105.62 | 106.51 | 106.69 | 106.32 | 105.77 | 105.46 |
| 13+91.08 | 9.94 | 5,994,086.30 | 2,182,172.96 | 105.69 | 105.61 | 106.49 | 106.74 | 106.24 | 105.76 | 105.46 |
| 13+94.36 | 9.78 | 5,994,087.60 | 2,182,175.97 | 105.67 | 105.60 | 106.46 | 106.73 | 106.20 | 105.77 | 105.42 |
| 13+97.64 | 9.63 | 5,994,088.93 | 2,182,178.98 | 105.65 | 105.60 | 106.47 | 106.67 | 106.27 | 105.78 | 105.41 |
| 14+00.92 | 9.47 | 5,994,090.23 | 2,182,181.99 | 105.63 | 105.61 | 106.50 | 106.66 | 106.33 | 105.80 | 105.42 |
| 14+04.20 | 9.31 | 5,994,091.57 | 2,182,185.00 | 105.62 | 105.62 | 106.51 | 106.60 | 106.42 | 105.81 | 105.42 |
| 14+07.48 | 9.15 | 5,994,092.87 | 2,182,188.01 | 105.60 | 105.59 | 106.49 | 106.59 | 106.37 | 105.75 | 105.42 |
| 14+10.76 | 8.99 | 5,994,094.17 | 2,182,190.98 | 105.58 | 105.54 | 106.48 | 106.62 | 106.34 | 105.73 | 105.36 |
| 14+14.04 | 8.82 | 5,994,095.47 | 2,182,194.03 | 105.58 | 105.51 | 106.41 | 106.57 | 106.26 | 105.71 | 105.31 |
| 14+17.32 | 8.63 | 5,994,096.77 | 2,182,197.04 | 105.59 | 105.50 | 106.39 | 106.54 | 106.23 | 105.72 | 105.28 |
| 14+20.60 | 8.43 | 5,994,098.04 | 2,182,200.05 | 105.61 | 105.49 | 106.33 | 106.44 | 106.22 | 105.69 | 105.28 |
| 14+23.88 | 8.24 | 5,994,099.34 | 2,182,203.06 | 105.63 | 105.47 | 106.33 | 106.50 | 106.17 | 105.65 | 105.28 |
| 14+27.17 | 8.04 | 5,994,100.61 | 2,182,206.10 | 105.65 | 105.46 | 106.35 | 106.54 | 106.17 | 105.63 | 105.28 |
| 14+30.45 | 7.85 | 5,994,101.91 | 2,182,209.11 | 105.67 | 105.45 | 106.36 | 106.54 | 106.18 | 105.61 | 105.29 |
| 14+33.73 | 7.65 | 5,994,103.18 | 2,182,212.12 | 105.69 | 105.45 | 106.38 | 106.49 | 106.28 | 105.60 | 105.31 |
| 14+37.01 | 7.46 | 5,994,104.45 | 2,182,215.16 | 105.70 | 105.43 | 106.41 | 106.50 | 106.32 | 105.57 | 105.29 |
| 14+40.29 | 7.26 | 5,994,105.75 | 2,182,218.17 | 105.72 | 105.43 | 106.46 | 106.57 | 106.35 | 105.57 | 105.29 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 14+43.57 | 7.06 | 5,994,107.02 | 2,182,221.22 | 105.73 | 105.41 | 106.46 | 106.59 | 106.33 | 105.58 | 105.25 |
| 14+46.85 | 6.86 | 5,994,108.29 | 2,182,224.23 | 105.75 | 105.42 | 106.40 | 106.51 | 106.30 | 105.59 | 105.25 |
| 14+50.13 | 6.66 | 5,994,109.56 | 2,182,227.24 | 105.76 | 105.40 | 106.35 | 106.46 | 106.24 | 105.59 | 105.22 |
| 14+53.41 | 6.46 | 5,994,110.86 | 2,182,230.28 | 105.77 | 105.39 | 106.33 | 106.43 | 106.23 | 105.54 | 105.24 |
| 14+56.69 | 6.33 | 5,994,112.13 | 2,182,233.29 | 105.78 | 105.38 | 106.34 | 106.43 | 106.26 | 105.52 | 105.24 |
| 14+59.97 | 6.35 | 5,994,113.39 | 2,182,236.33 | 105.79 | 105.38 | 106.36 | 106.46 | 106.27 | 105.51 | 105.25 |
| 14+63.25 | 6.37 | 5,994,114.66 | 2,182,239.34 | 105.80 | 105.39 | 106.40 | 106.52 | 106.28 | 105.53 | 105.24 |
| 14+66.54 | 6.39 | 5,994,115.93 | 2,182,242.35 | 105.82 | 105.39 | 106.42 | 106.58 | 106.27 | 105.55 | 105.22 |
| 14+69.82 | 6.41 | 5,994,117.23 | 2,182,245.40 | 105.82 | 105.39 | 106.42 | 106.54 | 106.30 | 105.58 | 105.19 |
| 14+73.10 | 6.43 | 5,994,118.50 | 2,182,248.41 | 105.82 | 105.37 | 106.42 | 106.54 | 106.30 | 105.58 | 105.16 |
| 14+76.38 | 6.44 | 5,994,119.77 | 2,182,251.45 | 105.81 | 105.36 | 106.41 | 106.55 | 106.28 | 105.57 | 105.15 |
| 14+79.66 | 6.46 | 5,994,121.04 | 2,182,254.46 | 105.80 | 105.34 | 106.42 | 106.57 | 106.28 | 105.51 | 105.16 |
| 14+82.94 | 6.48 | 5,994,122.31 | 2,182,257.50 | 105.78 | 105.32 | 106.45 | 106.60 | 106.29 | 105.48 | 105.17 |
| 14+86.22 | 6.49 | 5,994,123.58 | 2,182,260.51 | 105.77 | 105.29 | 106.51 | 106.60 | 106.41 | 105.42 | 105.15 |
| 14+89.50 | 6.51 | 5,994,124.88 | 2,182,263.52 | 105.76 | 105.26 | 106.54 | 106.70 | 106.39 | 105.40 | 105.12 |
| 14+92.78 | 6.53 | 5,994,126.14 | 2,182,266.56 | 105.75 | 105.24 | 106.54 | 106.70 | 106.39 | 105.38 | 105.10 |
| 14+96.06 | 6.55 | 5,994,127.41 | 2,182,269.57 | 105.73 | 105.25 | 106.53 | 106.74 | 106.32 | 105.39 | 105.11 |
| 14+99.34 | 6.57 | 5,994,128.68 | 2,182,272.62 | 105.72 | 105.26 | 106.55 | 106.67 | 106.42 | 105.40 | 105.11 |
| 15+02.62 | 6.60 | 5,994,129.98 | 2,182,275.63 | 105.69 | 105.27 | 106.52 | 106.62 | 106.43 | 105.42 | 105.11 |
| 15+05.91 | 6.64 | 5,994,131.25 | 2,182,278.64 | 105.65 | 105.27 | 106.43 | 106.44 | 106.42 | 105.44 | 105.10 |
| 15+09.19 | 6.67 | 5,994,132.55 | 2,182,281.65 | 105.62 | 105.25 | 106.34 | 106.40 | 106.29 | 105.41 | 105.09 |
| 15+12.47 | 6.70 | 5,994,133.85 | 2,182,284.69 | 105.58 | 105.24 | 106.35 | 106.41 | 106.29 | 105.40 | 105.09 |
| 15+15.75 | 6.74 | 5,994,135.12 | 2,182,287.70 | 105.55 | 105.23 | 106.41 | 106.54 | 106.28 | 105.35 | 105.11 |
| 15+19.03 | 6.77 | 5,994,136.42 | 2,182,290.71 | 105.52 | 105.22 | 106.43 | 106.53 | 106.33 | 105.31 | 105.13 |
| 15+22.31 | 6.81 | 5,994,137.69 | 2,182,293.72 | 105.48 | 105.22 | 106.41 | 106.51 | 106.32 | 105.29 | 105.14 |
| 15+25.59 | 6.83 | 5,994,138.99 | 2,182,296.76 | 105.46 | 105.24 | 106.41 | 106.52 | 106.30 | 105.32 | 105.15 |
| 15+28.87 | 6.82 | 5,994,140.23 | 2,182,299.81 | 105.45 | 105.24 | 106.30 | 106.42 | 106.18 | 105.37 | 105.12 |
| 15+32.15 | 6.80 | 5,994,141.47 | 2,182,302.82 | 105.46 | 105.24 | 106.24 | 106.35 | 106.13 | 105.39 | 105.10 |
| 15+35.43 | 6.76 | 5,994,142.70 | 2,182,305.89 | 105.48 | 105.19 | 106.18 | 106.27 | 106.09 | 105.36 | 105.03 |
| 15+38.71 | 6.73 | 5,994,143.90 | 2,182,308.94 | 105.49 | 105.19 | 106.31 | 106.42 | 106.19 | 105.32 | 105.06 |
| 15+41.99 | 6.69 | 5,994,145.14 | 2,182,311.98 | 105.51 | 105.17 | 106.41 | 106.57 | 106.24 | 105.28 | 105.05 |
| 15+45.28 | 6.66 | 5,994,146.38 | 2,182,315.02 | 105.52 | 105.18 | 106.54 | 106.70 | 106.36 | 105.31 | 105.05 |
| 15+48.56 | 6.62 | 5,994,147.58 | 2,182,318.07 | 105.54 | 105.15 | 106.56 | 106.73 | 106.39 | 105.31 | 104.99 |
| 15+51.84 | 6.59 | 5,994,148.82 | 2,182,321.11 | 105.55 | 105.17 | 106.52 | 106.68 | 106.36 | 105.32 | 105.01 |
| 15+55.12 | 6.56 | 5,994,150.05 | 2,182,324.15 | 105.56 | 105.15 | 106.46 | 106.60 | 106.32 | 105.28 | 105.02 |
| 15+58.40 | 6.54 | 5,994,151.29 | 2,182,327.16 | 105.57 | 105.13 | 106.46 | 106.60 | 106.32 | 105.24 | 105.03 |
| 15+61.68 | 6.53 | 5,994,152.56 | 2,182,330.21 | 105.57 | 105.10 | 106.48 | 106.59 | 106.36 | 105.21 | 105.00 |
| 15+64.96 | 6.52 | 5,994,153.79 | 2,182,333.25 | 105.58 | 105.10 | 106.47 | 106.62 | 106.33 | 105.21 | 104.99 |
| 15+68.24 | 6.51 | 5,994,155.03 | 2,182,336.29 | 105.58 | 105.08 | 106.45 | 106.57 | 106.33 | 105.18 | 104.96 |
| 15+71.52 | 6.50 | 5,994,156.30 | 2,182,339.30 | 105.59 | 105.06 | 106.41 | 106.50 | 106.33 | 105.17 | 104.95 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 15+74.80 | 6.49 | 5,994,157.53 | 2,182,342.35 | 105.59 | 105.05 | 106.40 | 106.44 | 106.36 | 105.13 | 104.98 |
| 15+78.08 | 6.48 | 5,994,158.77 | 2,182,345.39 | 105.59 | 105.07 | 106.43 | 106.46 | 106.40 | 105.14 | 105.00 |
| 15+81.36 | 6.46 | 5,994,160.04 | 2,182,348.43 | 105.60 | 105.06 | 106.47 | 106.47 | 106.47 | 105.11 | 105.02 |
| 15+84.65 | 6.44 | 5,994,161.27 | 2,182,351.48 | 105.59 | 105.08 | 106.50 | 106.52 | 106.49 | 105.14 | 105.01 |
| 15+87.93 | 6.41 | 5,994,162.47 | 2,182,354.52 | 105.59 | 105.08 | 106.49 | 106.49 | 106.49 | 105.15 | 105.01 |
| 15+91.21 | 6.37 | 5,994,163.71 | 2,182,357.56 | 105.58 | 105.10 | 106.51 | 106.59 | 106.42 | 105.21 | 104.99 |
| 15+94.49 | 6.33 | 5,994,164.91 | 2,182,360.61 | 105.57 | 105.07 | 106.53 | 106.65 | 106.41 | 105.22 | 104.92 |
| 15+97.77 | 6.30 | 5,994,166.15 | 2,182,363.65 | 105.57 | 105.05 | 106.54 | 106.67 | 106.41 | 105.21 | 104.90 |
| 16+01.05 | 6.26 | 5,994,167.39 | 2,182,366.69 | 105.56 | 105.04 | 106.46 | 106.53 | 106.40 | 105.18 | 104.89 |
| 16+04.33 | 6.22 | 5,994,168.59 | 2,182,369.74 | 105.55 | 105.04 | 106.42 | 106.49 | 106.35 | 105.16 | 104.92 |
| 16+07.61 | 6.18 | 5,994,169.82 | 2,182,372.78 | 105.55 | 105.05 | 106.35 | 106.37 | 106.33 | 105.16 | 104.94 |
| 16+10.89 | 6.15 | 5,994,171.03 | 2,182,375.82 | 105.54 | 105.04 | 106.33 | 106.36 | 106.29 | 105.15 | 104.93 |
| 16+14.17 | 6.12 | 5,994,172.26 | 2,182,378.86 | 105.53 | 105.00 | 106.28 | 106.29 | 106.28 | 105.10 | 104.91 |
| 16+17.45 | 6.11 | 5,994,173.53 | 2,182,381.91 | 105.52 | 104.94 | 106.27 | 106.28 | 106.27 | 105.03 | 104.85 |
| 16+20.73 | 6.11 | 5,994,174.77 | 2,182,384.92 | 105.51 | 104.90 | 106.34 | 106.37 | 106.30 | 104.98 | 104.81 |
| 16+24.02 | 6.11 | 5,994,176.04 | 2,182,387.96 | 105.50 | 104.90 | 106.37 | 106.44 | 106.30 | 104.98 | 104.82 |
| 16+27.30 | 6.10 | 5,994,177.27 | 2,182,391.00 | 105.48 | 104.91 | 106.39 | 106.46 | 106.32 | 104.98 | 104.85 |
| 16+30.58 | 6.10 | 5,994,178.54 | 2,182,394.01 | 105.47 | 104.91 | 106.39 | 106.43 | 106.34 | 104.96 | 104.87 |
| 16+33.86 | 6.10 | 5,994,179.81 | 2,182,397.06 | 105.46 | 104.91 | 106.36 | 106.43 | 106.29 | 104.99 | 104.85 |
| 16+37.14 | 6.09 | 5,994,181.04 | 2,182,400.10 | 105.45 | 104.93 | 106.37 | 106.51 | 106.24 | 105.03 | 104.83 |
| 16+40.42 | 6.09 | 5,994,182.31 | 2,182,403.14 | 105.44 | 104.94 | 106.34 | 106.46 | 106.21 | 105.08 | 104.81 |
| 16+43.70 | 6.08 | 5,994,183.55 | 2,182,406.15 | 105.42 | 104.94 | 106.36 | 106.44 | 106.29 | 105.06 | 104.82 |
| 16+46.98 | 6.07 | 5,994,184.78 | 2,182,409.20 | 105.41 | 104.92 | 106.32 | 106.43 | 106.21 | 105.04 | 104.80 |
| 16+50.26 | 6.03 | 5,994,186.05 | 2,182,412.24 | 105.39 | 104.88 | 106.28 | 106.46 | 106.10 | 105.00 | 104.76 |
| 16+53.54 | 5.97 | 5,994,187.29 | 2,182,415.28 | 105.38 | 104.88 | 106.21 | 106.37 | 106.05 | 105.00 | 104.76 |
| 16+56.82 | 5.91 | 5,994,188.53 | 2,182,418.29 | 105.36 | 104.91 | 106.20 | 106.33 | 106.07 | 105.04 | 104.78 |
| 16+60.10 | 5.85 | 5,994,189.79 | 2,182,421.34 | 105.34 | 104.95 | 106.24 | 106.31 | 106.17 | 105.08 | 104.83 |
| 16+63.39 | 5.78 | 5,994,191.03 | 2,182,424.38 | 105.33 | 104.97 | 106.29 | 106.40 | 106.19 | 105.13 | 104.81 |
| 16+66.67 | 5.73 | 5,994,192.27 | 2,182,427.42 | 105.31 | 104.94 | 106.30 | 106.37 | 106.22 | 105.10 | 104.78 |
| 16+69.95 | 5.67 | 5,994,193.53 | 2,182,430.43 | 105.30 | 104.90 | 106.30 | 106.41 | 106.19 | 105.05 | 104.73 |
| 16+73.23 | 5.63 | 5,994,194.80 | 2,182,433.48 | 105.29 | 104.84 | 106.18 | 106.26 | 106.10 | 104.95 | 104.72 |
| 16+76.51 | 5.59 | 5,994,196.07 | 2,182,436.49 | 105.27 | 104.83 | 106.16 | 106.28 | 106.05 | 104.96 | 104.70 |
| 16+79.79 | 5.56 | 5,994,197.34 | 2,182,439.53 | 105.26 | 104.85 | 106.10 | 106.24 | 105.95 | 105.00 | 104.70 |
| 16+83.07 | 5.52 | 5,994,198.61 | 2,182,442.54 | 105.24 | 104.86 | 106.10 | 106.28 | 105.92 | 105.02 | 104.69 |
| 16+86.35 | 5.49 | 5,994,199.88 | 2,182,445.58 | 105.23 | 104.86 | 106.05 | 106.22 | 105.87 | 104.98 | 104.72 |
| 16+89.63 | 5.45 | 5,994,201.15 | 2,182,448.59 | 105.21 | 104.83 | 106.00 | 106.15 | 105.85 | 104.92 | 104.73 |
| 16+92.91 | 5.41 | 5,994,202.41 | 2,182,451.64 | 105.20 | 104.79 | 105.99 | 106.11 | 105.86 | 104.88 | 104.70 |
| 16+96.19 | 5.38 | 5,994,203.68 | 2,182,454.65 | 105.18 | 104.74 | 105.93 | 106.05 | 105.82 | 104.82 | 104.66 |
| 16+99.48 | 5.34 | 5,994,204.95 | 2,182,457.69 | 105.17 | 104.72 | 105.96 | 106.13 | 105.80 | 104.80 | 104.65 |
| 17+02.76 | 5.31 | 5,994,206.22 | 2,182,460.70 | 105.16 | 104.71 | 106.00 | 106.23 | 105.76 | 104.78 | 104.65 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 17+06.04 | 5.29 | 5,994,207.52 | 2,182,463.74 | 105.15 | 104.70 | 106.06 | 106.33 | 105.78 | 104.77 | 104.63 |
| 17+09.32 | 5.26 | 5,994,208.79 | 2,182,466.75 | 105.15 | 104.67 | 106.05 | 106.30 | 105.80 | 104.75 | 104.59 |
| 17+12.60 | 5.23 | 5,994,210.06 | 2,182,469.76 | 105.14 | 104.67 | 106.05 | 106.29 | 105.82 | 104.75 | 104.58 |
| 17+15.88 | 5.20 | 5,994,211.33 | 2,182,472.80 | 105.13 | 104.66 | 106.03 | 106.19 | 105.87 | 104.73 | 104.58 |
| 17+19.16 | 5.17 | 5,994,212.59 | 2,182,475.81 | 105.12 | 104.64 | 106.01 | 106.07 | 105.96 | 104.71 | 104.56 |
| 17+22.44 | 5.14 | 5,994,213.90 | 2,182,478.86 | 105.11 | 104.63 | 106.03 | 106.07 | 105.98 | 104.70 | 104.56 |
| 17+25.72 | 5.12 | 5,994,215.16 | 2,182,481.87 | 105.11 | 104.64 | 106.05 | 106.16 | 105.95 | 104.71 | 104.57 |
| 17+29.00 | 5.13 | 5,994,216.50 | 2,182,484.88 | 105.11 | 104.67 | 106.06 | 106.22 | 105.91 | 104.73 | 104.60 |
| 17+32.28 | 5.15 | 5,994,217.80 | 2,182,487.89 | 105.11 | 104.69 | 106.06 | 106.21 | 105.92 | 104.75 | 104.63 |
| 17+35.56 | 5.17 | 5,994,219.13 | 2,182,490.90 | 105.11 | 104.68 | 105.98 | 106.04 | 105.92 | 104.73 | 104.62 |
| 17+38.85 | 5.19 | 5,994,220.43 | 2,182,493.87 | 105.11 | 104.65 | 105.92 | 105.93 | 105.91 | 104.69 | 104.60 |
| 17+42.13 | 5.22 | 5,994,221.77 | 2,182,496.88 | 105.11 | 104.60 | 105.81 | 105.78 | 105.84 | 104.65 | 104.55 |
| 17+45.41 | 5.24 | 5,994,223.10 | 2,182,499.89 | 105.11 | 104.59 | 105.85 | 105.87 | 105.82 | 104.64 | 104.54 |
| 17+48.69 | 5.26 | 5,994,224.44 | 2,182,502.90 | 105.11 | 104.58 | 105.89 | 105.97 | 105.81 | 104.64 | 104.52 |
| 17+51.97 | 5.28 | 5,994,225.74 | 2,182,505.91 | 105.10 | 104.57 | 105.94 | 106.03 | 105.85 | 104.65 | 104.49 |
| 17+55.25 | 5.29 | 5,994,227.04 | 2,182,508.89 | 105.10 | 104.59 | 105.91 | 105.97 | 105.85 | 104.66 | 104.52 |
| 17+58.53 | 5.28 | 5,994,228.34 | 2,182,511.93 | 105.08 | 104.58 | 105.85 | 105.90 | 105.81 | 104.65 | 104.52 |
| 17+61.81 | 5.27 | 5,994,229.64 | 2,182,514.94 | 105.06 | 104.57 | 105.77 | 105.80 | 105.74 | 104.62 | 104.52 |
| 17+65.09 | 5.26 | 5,994,230.94 | 2,182,517.95 | 105.04 | 104.53 | 105.72 | 105.77 | 105.68 | 104.59 | 104.47 |
| 17+68.37 | 5.24 | 5,994,232.21 | 2,182,520.96 | 105.01 | 104.50 | 105.69 | 105.73 | 105.65 | 104.56 | 104.44 |
| 17+71.65 | 5.23 | 5,994,233.51 | 2,182,523.97 | 104.99 | 104.48 | 105.73 | 105.82 | 105.63 | 104.52 | 104.45 |
| 17+74.93 | 5.21 | 5,994,234.81 | 2,182,527.02 | 104.97 | 104.48 | 105.73 | 105.86 | 105.60 | 104.50 | 104.45 |
| 17+78.22 | 5.20 | 5,994,236.08 | 2,182,530.03 | 104.94 | 104.50 | 105.78 | 105.94 | 105.62 | 104.53 | 104.47 |
| 17+81.50 | 5.19 | 5,994,237.38 | 2,182,533.04 | 104.93 | 104.49 | 105.75 | 105.86 | 105.64 | 104.53 | 104.45 |
| 17+84.78 | 5.19 | 5,994,238.69 | 2,182,536.05 | 104.92 | 104.47 | 105.76 | 105.82 | 105.70 | 104.49 | 104.44 |
| 17+88.06 | 5.21 | 5,994,240.02 | 2,182,539.06 | 104.92 | 104.43 | 105.75 | 105.75 | 105.74 | 104.46 | 104.40 |
| 17+91.34 | 5.24 | 5,994,241.35 | 2,182,542.06 | 104.93 | 104.42 | 105.80 | 105.80 | 105.80 | 104.46 | 104.39 |
| 17+94.62 | 5.26 | 5,994,242.65 | 2,182,545.04 | 104.94 | 104.40 | 105.81 | 105.80 | 105.82 | 104.45 | 104.34 |
| 17+97.90 | 5.29 | 5,994,243.99 | 2,182,548.05 | 104.94 | 104.39 | 105.84 | 105.84 | 105.84 | 104.44 | 104.34 |
| 18+01.18 | 5.31 | 5,994,245.32 | 2,182,551.06 | 104.95 | 104.39 | 105.78 | 105.77 | 105.80 | 104.43 | 104.35 |
| 18+04.46 | 5.34 | 5,994,246.66 | 2,182,554.07 | 104.96 | 104.40 | 105.82 | 105.82 | 105.83 | 104.43 | 104.37 |
| 18+07.74 | 5.36 | 5,994,247.96 | 2,182,557.05 | 104.97 | 104.40 | 105.81 | 105.82 | 105.81 | 104.41 | 104.40 |
| 18+11.02 | 5.39 | 5,994,249.29 | 2,182,560.06 | 104.96 | 104.41 | 105.81 | 105.87 | 105.75 | 104.43 | 104.39 |
| 18+14.30 | 5.42 | 5,994,250.63 | 2,182,563.07 | 104.95 | 104.41 | 105.76 | 105.87 | 105.64 | 104.45 | 104.36 |
| 18+17.59 | 5.45 | 5,994,251.96 | 2,182,566.08 | 104.92 | 104.41 | 105.66 | 105.83 | 105.49 | 104.49 | 104.32 |
| 18+20.87 | 5.49 | 5,994,253.29 | 2,182,569.05 | 104.89 | 104.38 | 105.59 | 105.77 | 105.41 | 104.47 | 104.29 |
| 18+24.15 | 5.52 | 5,994,254.63 | 2,182,572.06 | 104.85 | 104.36 | 105.53 | 105.72 | 105.34 | 104.44 | 104.29 |
| 18+27.43 | 5.55 | 5,994,255.96 | 2,182,575.07 | 104.82 | 104.35 | 105.51 | 105.71 | 105.31 | 104.41 | 104.30 |
| 18+30.71 | 5.58 | 5,994,257.30 | 2,182,578.05 | 104.79 | 104.35 | 105.52 | 105.74 | 105.31 | 104.42 | 104.29 |
| 18+33.99 | 5.62 | 5,994,258.63 | 2,182,581.06 | 104.75 | 104.32 | 105.52 | 105.72 | 105.32 | 104.39 | 104.27 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 18+37.27 | 5.65 | 5,994,259.96 | 2,182,584.04 | 104.72 | 104.29 | 105.53 | 105.71 | 105.35 | 104.34 | 104.23 |
| 18+40.55 | 5.70 | 5,994,261.30 | 2,182,587.05 | 104.70 | 104.24 | 105.52 | 105.64 | 105.40 | 104.27 | 104.21 |
| 18+43.83 | 5.75 | 5,994,262.66 | 2,182,590.02 | 104.69 | 104.22 | 105.53 | 105.64 | 105.41 | 104.23 | 104.21 |
| 18+47.11 | 5.81 | 5,994,264.03 | 2,182,593.03 | 104.71 | 104.23 | 105.50 | 105.62 | 105.38 | 104.24 | 104.21 |
| 18+50.39 | 5.88 | 5,994,265.40 | 2,182,596.01 | 104.72 | 104.24 | 105.50 | 105.65 | 105.35 | 104.27 | 104.22 |
| 18+53.67 | 5.95 | 5,994,266.73 | 2,182,598.99 | 104.74 | 104.27 | 105.47 | 105.63 | 105.31 | 104.31 | 104.22 |
| 18+56.96 | 6.02 | 5,994,268.10 | 2,182,601.96 | 104.75 | 104.27 | 105.51 | 105.64 | 105.38 | 104.33 | 104.21 |
| 18+60.24 | 6.08 | 5,994,269.47 | 2,182,604.97 | 104.77 | 104.26 | 105.50 | 105.61 | 105.39 | 104.33 | 104.19 |
| 18+63.52 | 6.15 | 5,994,270.83 | 2,182,607.95 | 104.78 | 104.22 | 105.52 | 105.60 | 105.45 | 104.30 | 104.13 |
| 18+66.80 | 6.22 | 5,994,272.20 | 2,182,610.93 | 104.80 | 104.17 | 105.44 | 105.51 | 105.36 | 104.24 | 104.09 |
| 18+70.08 | 6.30 | 5,994,273.57 | 2,182,613.90 | 104.80 | 104.14 | 105.40 | 105.49 | 105.31 | 104.21 | 104.08 |
| 18+73.36 | 6.38 | 5,994,274.96 | 2,182,616.88 | 104.78 | 104.14 | 105.44 | 105.51 | 105.37 | 104.20 | 104.08 |
| 18+76.64 | 6.48 | 5,994,276.36 | 2,182,619.85 | 104.75 | 104.14 | 105.53 | 105.61 | 105.46 | 104.21 | 104.08 |
| 18+79.92 | 6.58 | 5,994,277.76 | 2,182,622.83 | 104.71 | 104.14 | 105.59 | 105.65 | 105.53 | 104.22 | 104.07 |
| 18+83.20 | 6.68 | 5,994,279.13 | 2,182,625.81 | 104.68 | 104.16 | 105.59 | 105.67 | 105.52 | 104.24 | 104.08 |
| 18+86.48 | 6.77 | 5,994,280.53 | 2,182,628.78 | 104.65 | 104.16 | 105.58 | 105.64 | 105.51 | 104.23 | 104.08 |
| 18+89.76 | 6.87 | 5,994,281.93 | 2,182,631.76 | 104.61 | 104.15 | 105.55 | 105.62 | 105.48 | 104.23 | 104.07 |
| 18+93.04 | 6.97 | 5,994,283.33 | 2,182,634.70 | 104.58 | 104.12 | 105.43 | 105.50 | 105.35 | 104.20 | 104.04 |
| 18+96.33 | 7.06 | 5,994,284.69 | 2,182,637.68 | 104.55 | 104.10 | 105.36 | 105.46 | 105.27 | 104.19 | 104.01 |
| 18+99.61 | 7.16 | 5,994,286.09 | 2,182,640.66 | 104.52 | 104.09 | 105.29 | 105.39 | 105.18 | 104.16 | 104.04 |
| 19+02.89 | 7.25 | 5,994,287.49 | 2,182,643.63 | 104.50 | 104.09 | 105.30 | 105.46 | 105.14 | 104.13 | 104.06 |
| 19+06.17 | 7.34 | 5,994,288.86 | 2,182,646.61 | 104.48 | 104.10 | 105.23 | 105.41 | 105.04 | 104.13 | 104.07 |
| 19+09.45 | 7.42 | 5,994,290.26 | 2,182,649.59 | 104.46 | 104.11 | 105.21 | 105.40 | 105.02 | 104.16 | 104.06 |
| 19+12.73 | 7.51 | 5,994,291.63 | 2,182,652.56 | 104.44 | 104.11 | 105.23 | 105.37 | 105.09 | 104.19 | 104.04 |
| 19+16.01 | 7.60 | 5,994,292.99 | 2,182,655.54 | 104.42 | 104.11 | 105.27 | 105.37 | 105.17 | 104.19 | 104.04 |
| 19+19.29 | 7.68 | 5,994,294.39 | 2,182,658.52 | 104.41 | 104.08 | 105.27 | 105.34 | 105.21 | 104.16 | 104.01 |
| 19+22.57 | 7.77 | 5,994,295.76 | 2,182,661.49 | 104.39 | 104.06 | 105.20 | 105.25 | 105.15 | 104.12 | 104.00 |
| 19+25.85 | 7.86 | 5,994,297.16 | 2,182,664.47 | 104.37 | 104.04 | 105.14 | 105.22 | 105.08 | 104.10 | 103.98 |
| 19+29.13 | 7.97 | 5,994,298.56 | 2,182,667.45 | 104.35 | 104.03 | 105.17 | 105.21 | 105.13 | 104.09 | 103.97 |
| 19+32.41 | 8.09 | 5,994,299.99 | 2,182,670.39 | 104.33 | 104.04 | 105.19 | 105.25 | 105.13 | 104.08 | 103.99 |
| 19+35.70 | 8.23 | 5,994,301.39 | 2,182,673.37 | 104.30 | 104.05 | 105.21 | 105.28 | 105.14 | 104.10 | 103.99 |
| 19+38.98 | 8.36 | 5,994,302.82 | 2,182,676.31 | 104.28 | 104.06 | 105.15 | 105.28 | 105.02 | 104.14 | 103.98 |
| 19+42.26 | 8.50 | 5,994,304.25 | 2,182,679.25 | 104.26 | 104.07 | 105.10 | 105.28 | 104.91 | 104.20 | 103.94 |
| 19+45.54 | 8.64 | 5,994,305.69 | 2,182,682.23 | 104.24 | 104.06 | 105.02 | 105.18 | 104.86 | 104.22 | 103.90 |
| 19+48.82 | 8.77 | 5,994,307.12 | 2,182,685.17 | 104.22 | 104.05 | 104.95 | 105.11 | 104.80 | 104.21 | 103.88 |
| 19+52.10 | 8.91 | 5,994,308.55 | 2,182,688.12 | 104.19 | 104.04 | 104.88 | 105.01 | 104.76 | 104.20 | 103.88 |
| 19+55.38 | 9.05 | 5,994,309.95 | 2,182,691.09 | 104.17 | 104.03 | 104.84 | 104.99 | 104.69 | 104.18 | 103.88 |
| 19+58.66 | 9.17 | 5,994,311.38 | 2,182,694.03 | 104.14 | 104.04 | 104.80 | 104.95 | 104.64 | 104.19 | 103.88 |
| 19+61.94 | 9.29 | 5,994,312.81 | 2,182,697.01 | 104.10 | 104.01 | 104.72 | 104.88 | 104.57 | 104.18 | 103.85 |
| 19+65.22 | 9.42 | 5,994,314.21 | 2,182,699.95 | 104.06 | 103.98 | 104.69 | 104.80 | 104.57 | 104.16 | 103.81 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 19+68.50 | 9.53 | 5,994,315.61 | 2,182,702.93 | 104.01 | 103.95 | 104.63 | 104.73 | 104.53 | 104.13 | 103.77 |
| 19+71.78 | 9.65 | 5,994,317.04 | 2,182,705.87 | 103.96 | 103.93 | 104.68 | 104.75 | 104.62 | 104.11 | 103.75 |
| 19+75.07 | 9.77 | 5,994,318.44 | 2,182,708.85 | 103.92 | 103.94 | 104.71 | 104.85 | 104.58 | 104.12 | 103.76 |
| 19+78.35 | 9.89 | 5,994,319.84 | 2,182,711.83 | 103.87 | 103.94 | 104.81 | 104.96 | 104.65 | 104.12 | 103.75 |
| 19+81.63 | 10.01 | 5,994,321.28 | 2,182,714.77 | 103.83 | 103.95 | 104.87 | 105.10 | 104.64 | 104.12 | 103.77 |
| 19+84.91 | 10.13 | 5,994,322.68 | 2,182,717.75 | 103.79 | 103.94 | 104.86 | 105.06 | 104.65 | 104.10 | 103.77 |
| 19+88.19 | 10.28 | 5,994,324.11 | 2,182,720.69 | 103.76 | 103.94 | 104.78 | 105.00 | 104.56 | 104.11 | 103.77 |
| 19+91.47 | 10.43 | 5,994,325.57 | 2,182,723.63 | 103.74 | 103.93 | 104.66 | 104.88 | 104.44 | 104.13 | 103.72 |
| 19+94.75 | 10.59 | 5,994,327.00 | 2,182,726.58 | 103.72 | 103.91 | 104.59 | 104.82 | 104.35 | 104.17 | 103.65 |
| 19+98.03 | 10.75 | 5,994,328.47 | 2,182,729.52 | 103.71 | 103.88 | 104.57 | 104.79 | 104.34 | 104.16 | 103.60 |
| 20+01.31 | 10.91 | 5,994,329.90 | 2,182,732.46 | 103.69 | 103.86 | 104.55 | 104.79 | 104.32 | 104.16 | 103.58 |
| 20+04.59 | 11.07 | 5,994,331.37 | 2,182,735.41 | 103.68 | 103.87 | 104.61 | 104.82 | 104.40 | 104.14 | 103.60 |
| 20+07.87 | 11.23 | 5,994,332.80 | 2,182,738.35 | 103.66 | 103.87 | 104.64 | 104.86 | 104.42 | 104.13 | 103.62 |
| 20+11.15 | 11.39 | 5,994,334.26 | 2,182,741.29 | 103.65 | 103.88 | 104.67 | 104.87 | 104.47 | 104.13 | 103.64 |
| 20+14.44 | 11.55 | 5,994,335.69 | 2,182,744.24 | 103.64 | 103.89 | 104.60 | 104.79 | 104.41 | 104.16 | 103.63 |
| 20+17.72 | 11.72 | 5,994,337.16 | 2,182,747.18 | 103.62 | 103.91 | 104.55 | 104.72 | 104.37 | 104.20 | 103.62 |
| 20+21.00 | 11.89 | 5,994,338.62 | 2,182,750.12 | 103.60 | 103.91 | 104.50 | 104.66 | 104.34 | 104.22 | 103.61 |
| 20+24.28 | 12.06 | 5,994,340.06 | 2,182,753.07 | 103.59 | 103.93 | 104.46 | 104.64 | 104.29 | 104.24 | 103.61 |
| 20+27.56 | 12.23 | 5,994,341.52 | 2,182,756.01 | 103.57 | 103.92 | 104.45 | 104.64 | 104.26 | 104.24 | 103.60 |
| 20+30.84 | 12.41 | 5,994,342.99 | 2,182,758.95 | 103.56 | 103.92 | 104.38 | 104.54 | 104.22 | 104.23 | 103.61 |
| 20+34.12 | 12.58 | 5,994,344.45 | 2,182,761.89 | 103.54 | 103.91 | 104.37 | 104.46 | 104.27 | 104.22 | 103.61 |
| 20+37.40 | 12.94 | 5,994,345.92 | 2,182,764.84 | 103.53 | 103.92 | 104.31 | 104.35 | 104.27 | 104.21 | 103.63 |
| 20+40.68 | 13.41 | 5,994,347.38 | 2,182,767.75 | 103.51 | 103.92 | 104.37 | 104.45 | 104.30 | 104.22 | 103.62 |
| 20+43.96 | 13.88 | 5,994,348.85 | 2,182,770.69 | 103.50 | 103.91 | 104.41 | 104.55 | 104.27 | 104.21 | 103.62 |
| 20+47.24 | 14.36 | 5,994,350.31 | 2,182,773.63 | 103.49 | 103.91 | 104.42 | 104.64 | 104.21 | 104.22 | 103.61 |
| 20+50.52 | 14.85 | 5,994,351.78 | 2,182,776.58 | 103.48 | 103.91 | 104.39 | 104.62 | 104.17 | 104.23 | 103.60 |
| 20+53.81 | 15.33 | 5,994,353.27 | 2,182,779.49 | 103.47 | 103.90 | 104.32 | 104.55 | 104.10 | 104.23 | 103.57 |
| 20+57.09 | 15.82 | 5,994,354.74 | 2,182,782.43 | 103.46 | 103.88 | 104.29 | 104.49 | 104.08 | 104.22 | 103.54 |
| 20+60.37 | 16.30 | 5,994,356.23 | 2,182,785.34 | 103.45 | 103.86 | 104.23 | 104.46 | 104.00 | 104.20 | 103.52 |
| 20+63.65 | 16.79 | 5,994,357.70 | 2,182,788.28 | 103.44 | 103.85 | 104.19 | 104.41 | 103.98 | 104.20 | 103.49 |
| 20+66.93 | 17.27 | 5,994,359.16 | 2,182,791.23 | 103.43 | 103.82 | 104.16 | 104.36 | 103.96 | 104.19 | 103.44 |
| 20+70.21 | 17.76 | 5,994,360.66 | 2,182,794.14 | 103.42 | 103.80 | 104.17 | 104.34 | 104.00 | 104.19 | 103.40 |
| 20+73.49 | 18.24 | 5,994,362.13 | 2,182,797.08 | 103.41 | 103.82 | 104.20 | 104.36 | 104.04 | 104.22 | 103.41 |
| 20+76.77 | 18.74 | 5,994,363.62 | 2,182,799.99 | 103.39 | 103.84 | 104.18 | 104.27 | 104.08 | 104.24 | 103.44 |
| 20+80.05 | 19.24 | 5,994,365.12 | 2,182,802.93 | 103.38 | 103.87 | 104.12 | 104.19 | 104.05 | 104.29 | 103.45 |
| 20+83.33 | 19.75 | 5,994,366.62 | 2,182,805.84 | 103.36 | 103.88 | 104.06 | 104.08 | 104.05 | 104.29 | 103.48 |
| 20+86.61 | 20.26 | 5,994,368.12 | 2,182,808.75 | 103.34 | 103.88 | 104.06 | 104.06 | 104.07 | 104.29 | 103.48 |
| 20+89.90 | 20.76 | 5,994,369.61 | 2,182,811.70 | 103.32 | 103.88 | 104.12 | 104.13 | 104.10 | 104.27 | 103.49 |
| 20+93.18 | 21.27 | 5,994,371.11 | 2,182,814.61 | 103.30 | 103.86 | 104.11 | 104.12 | 104.10 | 104.27 | 103.45 |
| 20+96.46 | 21.78 | 5,994,372.61 | 2,182,817.52 | 103.29 | 103.85 | 104.14 | 104.19 | 104.10 | 104.27 | 103.44 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 20+99.74 | 22.27 | 5,994,374.07 | 2,182,820.46 | 103.27 | 103.85 | 104.04 | 104.11 | 103.96 | 104.27 | 103.44 |
| 21+03.02 | 22.76 | 5,994,375.57 | 2,182,823.37 | 103.26 | 103.85 | 104.03 | 104.14 | 103.90 | 104.26 | 103.45 |
| 21+06.30 | 23.24 | 5,994,377.04 | 2,182,826.31 | 103.26 | 103.89 | 103.93 | 104.04 | 103.83 | 104.29 | 103.49 |
| 21+09.58 | 23.72 | 5,994,378.50 | 2,182,829.26 | 103.26 | 103.88 | 103.94 | 103.96 | 103.91 | 104.30 | 103.47 |
| 21+12.86 | 24.19 | 5,994,379.97 | 2,182,832.17 | 103.25 | 103.89 | 103.88 | 103.90 | 103.85 | 104.34 | 103.44 |
| 21+16.14 | 24.67 | 5,994,381.43 | 2,182,835.11 | 103.25 | 103.88 | 103.89 | 103.98 | 103.80 | 104.36 | 103.39 |
| 21+19.42 | 25.15 | 5,994,382.93 | 2,182,838.05 | 103.24 | 103.88 | 103.86 | 104.06 | 103.67 | 104.40 | 103.37 |
| 21+22.70 | 25.64 | 5,994,384.39 | 2,182,840.96 | 103.23 | 103.87 | 103.90 | 104.14 | 103.65 | 104.41 | 103.34 |
| 21+25.98 | 26.16 | 5,994,385.89 | 2,182,843.87 | 103.20 | 103.87 | 103.94 | 104.18 | 103.70 | 104.43 | 103.31 |
| 21+29.27 | 26.71 | 5,994,387.45 | 2,182,846.78 | 103.16 | 103.88 | 103.92 | 104.09 | 103.75 | 104.43 | 103.32 |
| 21+32.55 | 27.27 | 5,994,388.98 | 2,182,849.69 | 103.10 | 103.88 | 103.84 | 103.94 | 103.74 | 104.43 | 103.32 |
| 21+35.83 | 27.83 | 5,994,390.55 | 2,182,852.57 | 103.05 | 103.86 | 103.73 | 103.76 | 103.70 | 104.40 | 103.34 |
| 21+39.11 | 28.40 | 5,994,392.08 | 2,182,855.48 | 102.99 | 103.85 | 103.68 | 103.73 | 103.63 | 104.39 | 103.30 |
| 21+42.39 | 28.96 | 5,994,393.61 | 2,182,858.36 | 102.94 | 103.85 | 103.68 | 103.72 | 103.64 | 104.40 | 103.30 |
| 21+45.67 | 29.51 | 5,994,395.17 | 2,182,861.27 | 102.88 | 103.85 | 103.66 | 103.68 | 103.64 | 104.43 | 103.27 |
| 21+48.95 | 30.06 | 5,994,396.70 | 2,182,864.18 | 102.83 | 103.87 | 103.75 | 103.75 | 103.74 | 104.49 | 103.25 |
| 21+52.23 | 30.59 | 5,994,398.20 | 2,182,867.09 | 102.78 | 103.88 | 103.82 | 103.84 | 103.81 | 104.54 | 103.22 |
| 21+55.51 | 31.10 | 5,994,399.73 | 2,182,870.00 | 102.72 | 103.93 | 103.86 | 103.88 | 103.84 | 104.60 | 103.26 |
| 21+58.79 | 31.41 | 5,994,401.23 | 2,182,872.91 | 102.66 | 103.96 | 103.88 | 103.89 | 103.86 | 104.63 | 103.29 |
| 21+62.07 | 31.71 | 5,994,402.72 | 2,182,875.82 | 102.61 | 103.98 | 103.89 | 103.94 | 103.85 | 104.66 | 103.30 |
| 21+65.35 | 32.00 | 5,994,404.22 | 2,182,878.73 | 102.56 | 103.96 | 103.94 | 104.04 | 103.85 | 104.67 | 103.26 |
| 21+68.64 | 32.30 | 5,994,405.75 | 2,182,881.67 | 102.50 | 103.97 | 103.90 | 103.98 | 103.82 | 104.70 | 103.24 |
| 21+71.92 | 32.62 | 5,994,407.28 | 2,182,884.54 | 102.46 | 103.96 | 103.88 | 103.93 | 103.83 | 104.73 | 103.19 |
| 21+75.20 | 32.97 | 5,994,408.81 | 2,182,887.45 | 102.44 | 103.95 | 103.83 | 103.87 | 103.78 | 104.76 | 103.15 |
| 21+78.48 | 33.35 | 5,994,410.41 | 2,182,890.33 | 102.43 | 103.94 | 103.81 | 103.87 | 103.74 | 104.77 | 103.12 |
| 21+81.76 | 33.72 | 5,994,411.97 | 2,182,893.21 | 102.42 | 103.94 | 103.77 | 103.82 | 103.72 | 104.78 | 103.11 |
| 21+85.04 | 34.09 | 5,994,413.53 | 2,182,896.08 | 102.41 | 103.95 | 103.75 | 103.78 | 103.72 | 104.79 | 103.11 |
| 21+88.32 | 34.45 | 5,994,415.10 | 2,182,898.96 | 102.41 | 103.94 | 103.64 | 103.65 | 103.63 | 104.80 | 103.08 |
| 21+91.60 | 34.80 | 5,994,416.66 | 2,182,901.87 | 102.41 | 103.93 | 103.51 | 103.51 | 103.51 | 104.78 | 103.07 |
| 21+94.88 | 35.14 | 5,994,418.19 | 2,182,904.75 | 102.43 | 103.92 | 103.36 | 103.38 | 103.35 | 104.77 | 103.07 |
| 21+98.16 | 35.49 | 5,994,419.75 | 2,182,907.66 | 102.45 | 103.91 | 103.30 | 103.31 | 103.29 | 104.76 | 103.06 |
| 22+01.44 | 35.82 | 5,994,421.28 | 2,182,910.57 | 102.47 | 103.91 | 103.29 | 103.31 | 103.26 | 104.77 | 103.06 |
| 22+04.72 | 36.16 | 5,994,422.84 | 2,182,913.44 | 102.48 | 103.91 | 103.36 | 103.39 | 103.32 | 104.79 | 103.03 |
| 22+08.01 | 36.51 | 5,994,424.37 | 2,182,916.35 | 102.50 | 103.89 | 103.35 | 103.37 | 103.34 | 104.79 | 103.00 |
| 22+11.29 | 36.85 | 5,994,425.94 | 2,182,919.23 | 102.52 | 103.88 | 103.33 | 103.31 | 103.35 | 104.77 | 102.99 |
| 22+14.57 | 37.19 | 5,994,427.47 | 2,182,922.14 | 102.54 | 103.85 | 103.32 | 103.31 | 103.34 | 104.75 | 102.96 |
| 22+17.85 | 37.53 | 5,994,429.03 | 2,182,925.02 | 102.55 | 103.86 | 103.42 | 103.42 | 103.42 | 104.75 | 102.98 |
| 22+21.13 | 37.88 | 5,994,430.56 | 2,182,927.93 | 102.55 | 103.86 | 103.49 | 103.47 | 103.51 | 104.73 | 102.99 |
| 22+24.41 | 38.23 | 5,994,432.12 | 2,182,930.80 | 102.56 | 103.88 | 103.44 | 103.36 | 103.51 | 104.76 | 103.01 |
| 22+27.69 | 38.58 | 5,994,433.69 | 2,182,933.71 | 102.56 | 103.88 | 103.34 | 103.25 | 103.42 | 104.76 | 103.01 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 22+30.97 | 38.92 | 5,994,435.22 | 2,182,936.59 | 102.57 | 103.86 | 103.24 | 103.16 | 103.31 | 104.76 | 102.96 |
| 22+34.25 | 39.27 | 5,994,436.78 | 2,182,939.50 | 102.57 | 103.83 | 103.20 | 103.14 | 103.26 | 104.71 | 102.95 |
| 22+37.53 | 39.62 | 5,994,438.34 | 2,182,942.38 | 102.57 | 103.81 | 103.17 | 103.11 | 103.23 | 104.68 | 102.94 |
| 22+40.81 | 39.97 | 5,994,439.87 | 2,182,945.25 | 102.58 | 103.80 | 103.18 | 103.15 | 103.21 | 104.64 | 102.96 |
| 22+44.09 | 40.31 | 5,994,441.44 | 2,182,948.16 | 102.58 | 103.78 | 103.18 | 103.17 | 103.19 | 104.62 | 102.95 |
| 22+47.38 | 40.64 | 5,994,442.97 | 2,182,951.07 | 102.57 | 103.78 | 103.21 | 103.23 | 103.19 | 104.63 | 102.93 |
| 22+50.66 | 40.96 | 5,994,444.46 | 2,182,953.98 | 102.56 | 103.78 | 103.16 | 103.19 | 103.13 | 104.66 | 102.91 |
| 22+53.94 | 41.28 | 5,994,445.99 | 2,182,956.86 | 102.55 | 103.78 | 103.11 | 103.13 | 103.09 | 104.67 | 102.89 |
| 22+57.22 | 41.59 | 5,994,447.52 | 2,182,959.77 | 102.53 | 103.76 | 103.08 | 103.07 | 103.08 | 104.66 | 102.86 |
| 22+60.50 | 41.92 | 5,994,449.05 | 2,182,962.68 | 102.52 | 103.72 | 103.11 | 103.12 | 103.09 | 104.64 | 102.81 |
| 22+63.78 | 42.23 | 5,994,450.58 | 2,182,965.59 | 102.51 | 103.70 | 103.12 | 103.14 | 103.11 | 104.59 | 102.80 |
| 22+67.06 | 42.55 | 5,994,452.11 | 2,182,968.50 | 102.50 | 103.67 | 103.12 | 103.17 | 103.07 | 104.56 | 102.79 |
| 22+70.34 | 42.88 | 5,994,453.64 | 2,182,971.41 | 102.49 | 103.68 | 103.09 | 103.15 | 103.03 | 104.56 | 102.81 |
| 22+73.62 | 43.21 | 5,994,455.17 | 2,182,974.29 | 102.48 | 103.71 | 103.07 | 103.14 | 103.01 | 104.57 | 102.85 |
| 22+76.90 | 43.56 | 5,994,456.74 | 2,182,977.20 | 102.47 | 103.73 | 103.08 | 103.13 | 103.03 | 104.57 | 102.90 |
| 22+80.18 | 43.90 | 5,994,458.27 | 2,182,980.07 | 102.46 | 103.73 | 103.08 | 103.12 | 103.05 | 104.54 | 102.92 |
| 22+83.46 | 44.24 | 5,994,459.83 | 2,182,982.98 | 102.45 | 103.71 | 103.07 | 103.13 | 103.01 | 104.54 | 102.88 |
| 22+86.75 | 44.58 | 5,994,461.36 | 2,182,985.89 | 102.44 | 103.68 | 103.03 | 103.09 | 102.96 | 104.53 | 102.84 |
| 22+90.03 | 44.92 | 5,994,462.92 | 2,182,988.77 | 102.43 | 103.67 | 103.06 | 103.14 | 102.98 | 104.53 | 102.81 |
| 22+93.31 | 45.27 | 5,994,464.45 | 2,182,991.68 | 102.43 | 103.64 | 103.03 | 103.09 | 102.96 | 104.49 | 102.79 |
| 22+96.59 | 45.63 | 5,994,466.02 | 2,182,994.56 | 102.41 | 103.60 | 103.02 | 103.11 | 102.94 | 104.42 | 102.78 |
| 22+99.87 | 46.01 | 5,994,467.58 | 2,182,997.43 | 102.39 | 103.57 | 102.99 | 103.08 | 102.89 | 104.36 | 102.77 |
| 23+03.15 | 46.41 | 5,994,469.21 | 2,183,000.31 | 102.37 | 103.52 | 103.01 | 103.12 | 102.91 | 104.27 | 102.77 |
| 23+06.43 | 46.81 | 5,994,470.80 | 2,183,003.15 | 102.34 | 103.50 | 103.01 | 103.12 | 102.90 | 104.26 | 102.75 |
| 23+09.71 | 47.21 | 5,994,472.40 | 2,183,006.03 | 102.31 | 103.45 | 103.02 | 103.07 | 102.96 | 104.20 | 102.70 |
| 23+12.99 | 47.62 | 5,994,474.00 | 2,183,008.91 | 102.28 | 103.42 | 103.01 | 103.06 | 102.96 | 104.19 | 102.66 |
| 23+16.27 | 48.02 | 5,994,475.59 | 2,183,011.75 | 102.25 | 103.39 | 102.98 | 102.98 | 102.98 | 104.14 | 102.62 |
| 23+19.55 | 48.43 | 5,994,477.19 | 2,183,014.63 | 102.22 | 103.39 | 102.91 | 102.92 | 102.91 | 104.12 | 102.65 |
| 23+22.83 | 48.82 | 5,994,478.78 | 2,183,017.50 | 102.20 | 103.41 | 102.90 | 102.89 | 102.91 | 104.12 | 102.69 |
| 23+26.12 | 49.20 | 5,994,480.38 | 2,183,020.38 | 102.18 | 103.40 | 102.93 | 102.93 | 102.93 | 104.11 | 102.69 |
| 23+29.40 | 49.56 | 5,994,481.94 | 2,183,023.26 | 102.16 | 103.39 | 103.00 | 102.94 | 103.05 | 104.09 | 102.69 |
| 23+32.68 | 49.91 | 5,994,483.47 | 2,183,026.13 | 102.14 | 103.36 | 103.02 | 102.93 | 103.11 | 104.06 | 102.66 |
| 23+35.96 | 50.27 | 5,994,485.03 | 2,183,029.04 | 102.13 | 103.31 | 103.01 | 102.88 | 103.14 | 103.97 | 102.65 |
| 23+39.24 | 50.63 | 5,994,486.60 | 2,183,031.92 | 102.11 | 103.25 | 102.94 | 102.89 | 103.00 | 103.87 | 102.62 |
| 23+42.52 | 50.99 | 5,994,488.16 | 2,183,034.80 | 102.10 | 103.19 | 102.86 | 102.83 | 102.90 | 103.77 | 102.61 |
| 23+45.80 | 51.35 | 5,994,489.72 | 2,183,037.71 | 102.08 | 103.19 | 102.84 | 102.86 | 102.81 | 103.75 | 102.63 |
| 23+49.08 | 51.70 | 5,994,491.29 | 2,183,040.58 | 102.06 | 103.19 | 102.82 | 102.85 | 102.79 | 103.74 | 102.65 |
| 23+52.36 | 52.06 | 5,994,492.85 | 2,183,043.46 | 102.05 | 103.18 | 102.80 | 102.83 | 102.76 | 103.71 | 102.65 |
| 23+55.64 | 52.41 | 5,994,494.41 | 2,183,046.37 | 102.04 | 103.16 | 102.80 | 102.84 | 102.76 | 103.68 | 102.62 |
| 23+58.92 | 52.77 | 5,994,495.94 | 2,183,049.25 | 102.02 | 103.14 | 102.80 | 102.83 | 102.77 | 103.67 | 102.60 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 23+62.20 | 53.12 | 5,994,497.50 | 2,183,052.12 | 102.01 | 103.13 | 102.85 | 102.88 | 102.82 | 103.66 | 102.59 |
| 23+65.49 | 53.48 | 5,994,499.07 | 2,183,055.03 | 102.00 | 103.14 | 102.84 | 102.86 | 102.81 | 103.68 | 102.59 |
| 23+68.77 | 53.83 | 5,994,500.63 | 2,183,057.91 | 101.99 | 103.09 | 102.80 | 102.79 | 102.81 | 103.63 | 102.56 |
| 23+72.05 | 54.19 | 5,994,502.19 | 2,183,060.79 | 101.98 | 103.05 | 102.75 | 102.77 | 102.72 | 103.57 | 102.54 |
| 23+75.33 | 54.54 | 5,994,503.76 | 2,183,063.70 | 101.97 | 103.01 | 102.74 | 102.76 | 102.72 | 103.51 | 102.50 |
| 23+78.61 | 54.91 | 5,994,505.32 | 2,183,066.57 | 101.96 | 102.99 | 102.76 | 102.83 | 102.68 | 103.48 | 102.49 |
| 23+81.89 | 55.28 | 5,994,506.88 | 2,183,069.45 | 101.96 | 102.98 | 102.78 | 102.85 | 102.71 | 103.48 | 102.47 |
| 23+85.17 | 55.65 | 5,994,508.44 | 2,183,072.33 | 101.96 | 102.95 | 102.75 | 102.81 | 102.69 | 103.41 | 102.48 |
| 23+88.45 | 56.03 | 5,994,510.04 | 2,183,075.20 | 101.96 | 102.91 | 102.68 | 102.72 | 102.65 | 103.38 | 102.44 |
| 23+91.73 | 56.40 | 5,994,511.60 | 2,183,078.08 | 101.96 | 102.87 | 102.59 | 102.61 | 102.57 | 103.34 | 102.40 |
| 23+95.01 | 56.77 | 5,994,513.17 | 2,183,080.96 | 101.96 | 102.81 | 102.57 | 102.62 | 102.50 | 103.28 | 102.34 |
| 23+98.29 | 57.15 | 5,994,514.76 | 2,183,083.87 | 101.96 | 102.81 | 102.61 | 102.65 | 102.57 | 103.25 | 102.36 |
| 24+01.57 | 57.51 | 5,994,516.32 | 2,183,086.74 | 101.96 | 102.80 | 102.68 | 102.72 | 102.65 | 103.22 | 102.37 |
| 24+04.86 | 57.86 | 5,994,517.85 | 2,183,089.62 | 101.96 | 102.82 | 102.71 | 102.71 | 102.70 | 103.22 | 102.43 |
| 24+08.14 | 58.19 | 5,994,519.42 | 2,183,092.53 | 101.96 | 102.82 | 102.70 | 102.71 | 102.68 | 103.21 | 102.44 |
| 24+11.42 | 58.52 | 5,994,520.95 | 2,183,095.44 | 101.96 | 102.81 | 102.69 | 102.70 | 102.68 | 103.19 | 102.43 |
| 24+14.70 | 58.84 | 5,994,522.48 | 2,183,098.32 | 101.96 | 102.79 | 102.66 | 102.67 | 102.66 | 103.19 | 102.39 |
| 24+17.98 | 59.17 | 5,994,524.01 | 2,183,101.23 | 101.96 | 102.78 | 102.63 | 102.65 | 102.62 | 103.18 | 102.39 |
| 24+21.26 | 59.49 | 5,994,525.54 | 2,183,104.14 | 101.96 | 102.78 | 102.62 | 102.69 | 102.55 | 103.16 | 102.40 |
| 24+24.54 | 59.82 | 5,994,527.07 | 2,183,107.05 | 101.96 | 102.78 | 102.62 | 102.68 | 102.56 | 103.14 | 102.43 |
| 24+27.82 | 60.15 | 5,994,528.60 | 2,183,109.92 | 101.96 | 102.77 | 102.62 | 102.65 | 102.60 | 103.11 | 102.43 |
| 24+31.10 | 60.50 | 5,994,530.13 | 2,183,112.83 | 101.95 | 102.76 | 102.53 | 102.48 | 102.57 | 103.08 | 102.44 |
| 24+34.38 | 60.85 | 5,994,531.69 | 2,183,115.71 | 101.93 | 102.72 | 102.49 | 102.43 | 102.56 | 103.04 | 102.40 |
| 24+37.66 | 61.20 | 5,994,533.25 | 2,183,118.62 | 101.91 | 102.69 | 102.48 | 102.40 | 102.55 | 103.02 | 102.36 |
| 24+40.94 | 61.56 | 5,994,534.82 | 2,183,121.50 | 101.90 | 102.65 | 102.50 | 102.43 | 102.58 | 102.99 | 102.31 |
| 24+44.23 | 61.91 | 5,994,536.38 | 2,183,124.37 | 101.88 | 102.60 | 102.47 | 102.40 | 102.53 | 102.93 | 102.26 |
| 24+47.51 | 62.27 | 5,994,537.91 | 2,183,127.28 | 101.86 | 102.55 | 102.41 | 102.37 | 102.45 | 102.88 | 102.22 |
| 24+50.79 | 62.62 | 5,994,539.47 | 2,183,130.16 | 101.85 | 102.52 | 102.40 | 102.39 | 102.43 | 102.83 | 102.21 |
| 24+54.07 | 62.97 | 5,994,541.04 | 2,183,133.07 | 101.83 | 102.53 | 102.40 | 102.37 | 102.44 | 102.84 | 102.22 |
| 24+57.35 | 63.31 | 5,994,542.57 | 2,183,135.95 | 101.82 | 102.55 | 102.44 | 102.40 | 102.47 | 102.88 | 102.23 |
| 24+60.63 | 63.64 | 5,994,544.13 | 2,183,138.86 | 101.81 | 102.59 | 102.45 | 102.39 | 102.52 | 102.91 | 102.26 |
| 24+63.91 | 63.97 | 5,994,545.66 | 2,183,141.77 | 101.80 | 102.60 | 102.45 | 102.39 | 102.52 | 102.91 | 102.29 |
| 24+67.19 | 64.30 | 5,994,547.19 | 2,183,144.64 | 101.79 | 102.60 | 102.45 | 102.37 | 102.54 | 102.91 | 102.30 |
| 24+70.47 | 64.63 | 5,994,548.72 | 2,183,147.55 | 101.78 | 102.59 | 102.42 | 102.34 | 102.49 | 102.90 | 102.27 |
| 24+73.75 | 64.95 | 5,994,550.25 | 2,183,150.46 | 101.77 | 102.58 | 102.40 | 102.30 | 102.50 | 102.89 | 102.26 |
| 24+77.03 | 65.28 | 5,994,551.78 | 2,183,153.37 | 101.76 | 102.55 | 102.35 | 102.24 | 102.46 | 102.85 | 102.25 |
| 24+80.31 | 65.61 | 5,994,553.31 | 2,183,156.25 | 101.75 | 102.53 | 102.37 | 102.29 | 102.46 | 102.82 | 102.23 |
| 24+83.60 | 65.94 | 5,994,554.84 | 2,183,159.16 | 101.73 | 102.53 | 102.38 | 102.34 | 102.42 | 102.85 | 102.21 |
| 24+86.88 | 66.23 | 5,994,556.37 | 2,183,162.07 | 101.71 | 102.48 | 102.41 | 102.37 | 102.45 | 102.77 | 102.20 |
| 24+90.16 | 66.43 | 5,994,557.90 | 2,183,164.98 | 101.68 | 102.50 | 102.40 | 102.35 | 102.46 | 102.82 | 102.18 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 24+93.44 | 66.63 | 5,994,559.43 | 2,183,167.89 | 101.66 | 102.44 | 102.38 | 102.29 | 102.47 | 102.76 | 102.13 |
| 24+96.72 | 66.84 | 5,994,560.96 | 2,183,170.77 | 101.63 | 102.47 | 102.32 | 102.20 | 102.44 | 102.81 | 102.12 |
| 25+00.00 | 67.04 | 5,994,562.49 | 2,183,173.68 | 101.61 | 102.42 | 102.25 | 102.11 | 102.40 | 102.71 | 102.13 |
| 25+03.28 | 67.26 | 5,994,564.02 | 2,183,176.59 | 101.59 | 102.43 | 102.21 | 102.09 | 102.34 | 102.72 | 102.13 |
| 25+06.56 | 67.48 | 5,994,565.58 | 2,183,179.46 | 101.58 | 102.42 | 102.19 | 102.06 | 102.33 | 102.72 | 102.12 |
| 25+09.84 | 67.72 | 5,994,567.15 | 2,183,182.37 | 101.57 | 102.44 | 102.25 | 102.08 | 102.42 | 102.75 | 102.14 |
| 25+13.12 | 67.95 | 5,994,568.68 | 2,183,185.25 | 101.56 | 102.44 | 102.30 | 102.14 | 102.46 | 102.70 | 102.19 |
| 25+16.40 | 68.18 | 5,994,570.24 | 2,183,188.13 | 101.56 | 102.43 | 102.36 | 102.22 | 102.51 | 102.66 | 102.21 |
| 25+19.69 | 68.42 | 5,994,571.80 | 2,183,191.03 | 101.55 | 102.40 | 102.39 | 102.35 | 102.43 | 102.60 | 102.19 |
| 25+22.97 | 68.65 | 5,994,573.37 | 2,183,193.91 | 101.54 | 102.38 | 102.39 | 102.33 | 102.44 | 102.57 | 102.19 |
| 25+26.25 | 68.88 | 5,994,574.90 | 2,183,196.82 | 101.53 | 102.37 | 102.38 | 102.37 | 102.40 | 102.55 | 102.19 |
| 25+29.53 | 69.07 | 5,994,576.43 | 2,183,199.73 | 101.50 | 102.35 | 102.36 | 102.27 | 102.44 | 102.52 | 102.19 |
| 25+32.81 | 69.24 | 5,994,577.92 | 2,183,202.64 | 101.45 | 102.32 | 102.40 | 102.36 | 102.45 | 102.48 | 102.16 |
| 25+36.09 | 69.38 | 5,994,579.39 | 2,183,205.58 | 101.38 | 102.27 | 102.44 | 102.42 | 102.47 | 102.44 | 102.11 |
| 25+39.37 | 69.52 | 5,994,580.89 | 2,183,208.49 | 101.31 | 102.26 | 102.47 | 102.48 | 102.45 | 102.44 | 102.08 |
| 25+42.65 | 69.66 | 5,994,582.35 | 2,183,211.44 | 101.24 | 102.22 | 102.43 | 102.44 | 102.43 | 102.40 | 102.04 |
| 25+45.93 | 69.79 | 5,994,583.82 | 2,183,214.38 | 101.17 | 102.19 | 102.41 | 102.41 | 102.42 | 102.37 | 102.01 |
| 25+49.21 | 69.93 | 5,994,585.28 | 2,183,217.29 | 101.10 | 102.16 | 102.38 | 102.35 | 102.40 | 102.32 | 101.99 |
| 25+52.49 | 70.07 | 5,994,586.75 | 2,183,220.23 | 101.03 | 102.13 | 102.35 | 102.33 | 102.36 | 102.30 | 101.97 |
| 25+55.77 | 70.20 | 5,994,588.21 | 2,183,223.18 | 100.96 | 102.13 | 102.32 | 102.31 | 102.33 | 102.31 | 101.96 |
| 25+59.06 | 70.34 | 5,994,589.71 | 2,183,226.12 | 100.91 | 102.13 | 102.30 | 102.31 | 102.30 | 102.32 | 101.94 |
| 25+62.34 | 70.49 | 5,994,591.17 | 2,183,229.03 | 100.87 | 102.14 | 102.21 | 102.21 | 102.21 | 102.34 | 101.95 |
| 25+65.62 | 70.65 | 5,994,592.67 | 2,183,231.97 | 100.86 | 102.13 | 102.19 | 102.16 | 102.22 | 102.32 | 101.95 |
| 25+68.90 | 70.80 | 5,994,594.17 | 2,183,234.88 | 100.86 | 102.13 | 102.12 | 102.04 | 102.20 | 102.31 | 101.95 |
| 25+72.18 | 70.96 | 5,994,595.63 | 2,183,237.83 | 100.86 | 102.13 | 102.03 | 101.87 | 102.20 | 102.31 | 101.95 |
| 25+75.46 | 71.12 | 5,994,597.13 | 2,183,240.74 | 100.86 | 102.11 | 101.86 | 101.63 | 102.10 | 102.27 | 101.94 |
| 25+78.74 | 71.28 | 5,994,598.63 | 2,183,243.65 | 100.86 | 102.09 | 101.77 | 101.51 | 102.02 | 102.25 | 101.93 |
| 25+82.02 | 71.43 | 5,994,600.09 | 2,183,246.59 | 100.86 | 102.07 | 101.85 | 101.61 | 102.09 | 102.20 | 101.94 |
| 25+85.30 | 71.59 | 5,994,601.59 | 2,183,249.50 | 100.86 | 102.07 | 102.07 | 101.89 | 102.25 | 102.19 | 101.96 |
| 25+88.58 | 71.75 | 5,994,603.09 | 2,183,252.44 | 100.86 | 102.09 | 102.34 | 102.20 | 102.48 | 102.20 | 101.99 |
| 25+91.86 | 71.90 | 5,994,604.55 | 2,183,255.35 | 100.86 | 102.10 | 102.53 | 102.42 | 102.65 | 102.21 | 101.99 |
| 25+95.14 | 72.05 | 5,994,606.05 | 2,183,258.30 | 100.87 | 102.11 | 102.56 | 102.43 | 102.69 | 102.23 | 101.99 |
| 25+98.43 | 72.20 | 5,994,607.55 | 2,183,261.21 | 100.88 | 102.10 | 102.52 | 102.37 | 102.66 | 102.22 | 101.98 |
| 26+01.71 | 72.36 | 5,994,609.01 | 2,183,264.15 | 100.88 | 102.09 | 102.47 | 102.34 | 102.59 | 102.22 | 101.96 |
| 26+04.99 | 72.51 | 5,994,610.51 | 2,183,267.06 | 100.89 | 102.07 | 102.42 | 102.31 | 102.53 | 102.20 | 101.95 |
| 26+08.27 | 72.66 | 5,994,611.97 | 2,183,270.00 | 100.90 | 102.04 | 102.40 | 102.32 | 102.48 | 102.17 | 101.93 |
| 26+11.55 | 72.81 | 5,994,613.47 | 2,183,272.91 | 100.90 | 102.02 | 102.41 | 102.29 | 102.54 | 102.14 | 101.90 |
| 26+14.83 | 72.96 | 5,994,614.94 | 2,183,275.86 | 100.90 | 102.01 | 102.45 | 102.33 | 102.58 | 102.13 | 101.89 |
| 26+18.11 | 73.10 | 5,994,616.43 | 2,183,278.80 | 100.89 | 102.01 | 102.43 | 102.27 | 102.59 | 102.10 | 101.91 |
| 26+21.39 | 73.24 | 5,994,617.90 | 2,183,281.71 | 100.88 | 101.98 | 102.36 | 102.25 | 102.47 | 102.08 | 101.89 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 26+24.67 | 73.38 | 5,994,619.36 | 2,183,284.65 | 100.87 | 101.97 | 102.27 | 102.17 | 102.39 | 102.08 | 101.86 |
| 26+27.95 | 73.52 | 5,994,620.83 | 2,183,287.60 | 100.86 | 101.98 | 102.20 | 102.12 | 102.27 | 102.16 | 101.80 |
| 26+31.23 | 73.66 | 5,994,622.33 | 2,183,290.51 | 100.85 | 102.02 | 102.17 | 102.10 | 102.24 | 102.25 | 101.79 |
| 26+34.51 | 73.80 | 5,994,623.79 | 2,183,293.45 | 100.83 | 102.09 | 102.19 | 102.10 | 102.27 | 102.36 | 101.81 |
| 26+37.80 | 73.94 | 5,994,625.26 | 2,183,296.39 | 100.82 | 102.12 | 102.23 | 102.10 | 102.35 | 102.40 | 101.82 |
| 26+41.08 | 74.09 | 5,994,626.75 | 2,183,299.30 | 100.81 | 102.12 | 102.25 | 102.11 | 102.40 | 102.39 | 101.84 |
| 26+44.36 | 74.26 | 5,994,628.25 | 2,183,302.24 | 100.79 | 102.05 | 102.18 | 102.11 | 102.24 | 102.29 | 101.81 |
| 26+47.64 | 74.44 | 5,994,629.75 | 2,183,305.15 | 100.77 | 101.98 | 102.16 | 102.12 | 102.20 | 102.18 | 101.78 |
| 26+50.92 | 74.62 | 5,994,631.25 | 2,183,308.06 | 100.75 | 101.94 | 102.14 | 102.14 | 102.14 | 102.11 | 101.76 |
| 26+54.20 | 74.80 | 5,994,632.78 | 2,183,310.97 | 100.73 | 101.92 | 102.17 | 102.17 | 102.18 | 102.09 | 101.75 |
| 26+57.48 | 74.98 | 5,994,634.27 | 2,183,313.88 | 100.71 | 101.93 | 102.19 | 102.17 | 102.22 | 102.10 | 101.75 |
| 26+60.76 | 75.16 | 5,994,635.77 | 2,183,316.79 | 100.69 | 101.92 | 102.12 | 102.09 | 102.14 | 102.09 | 101.75 |
| 26+64.04 | 75.34 | 5,994,637.30 | 2,183,319.70 | 100.67 | 101.93 | 101.92 | 101.74 | 102.10 | 102.08 | 101.78 |
| 26+67.32 | 75.48 | 5,994,638.77 | 2,183,322.65 | 100.67 | 101.93 | 101.73 | 101.48 | 101.98 | 102.07 | 101.78 |
| 26+70.60 | 75.57 | 5,994,640.20 | 2,183,325.59 | 100.68 | 101.93 | 101.67 | 101.40 | 101.94 | 102.08 | 101.78 |
| 26+73.88 | 75.63 | 5,994,641.60 | 2,183,328.57 | 100.70 | 101.93 | 101.76 | 101.56 | 101.95 | 102.09 | 101.76 |
| 26+77.17 | 75.70 | 5,994,643.00 | 2,183,331.54 | 100.73 | 101.94 | 101.74 | 101.60 | 101.88 | 102.10 | 101.78 |
| 26+80.45 | 75.76 | 5,994,644.40 | 2,183,334.49 | 100.75 | 101.93 | 101.69 | 101.47 | 101.91 | 102.09 | 101.77 |
| 26+83.73 | 75.82 | 5,994,645.80 | 2,183,337.46 | 100.78 | 101.91 | 101.63 | 101.41 | 101.86 | 102.06 | 101.77 |
| 26+87.01 | 75.88 | 5,994,647.20 | 2,183,340.44 | 100.80 | 101.90 | 101.65 | 101.48 | 101.83 | 102.01 | 101.78 |
| 26+90.29 | 75.94 | 5,994,648.63 | 2,183,343.38 | 100.83 | 101.88 | 101.70 | 101.57 | 101.81 | 101.99 | 101.77 |
| 26+93.57 | 76.00 | 5,994,650.03 | 2,183,346.36 | 100.85 | 101.87 | 101.68 | 101.52 | 101.84 | 102.00 | 101.74 |
| 26+96.85 | 76.06 | 5,994,651.43 | 2,183,349.34 | 100.87 | 101.88 | 101.63 | 101.44 | 101.81 | 102.02 | 101.74 |
| 27+00.13 | 76.12 | 5,994,652.83 | 2,183,352.31 | 100.89 | 101.90 | 101.57 | 101.37 | 101.78 | 102.06 | 101.75 |
| 27+03.41 | 76.18 | 5,994,654.23 | 2,183,355.29 | 100.90 | 101.91 | 101.58 | 101.43 | 101.74 | 102.07 | 101.76 |
| 27+06.69 | 76.23 | 5,994,655.59 | 2,183,358.23 | 100.92 | 101.89 | 101.65 | 101.47 | 101.83 | 102.03 | 101.74 |
| 27+09.97 | 76.29 | 5,994,656.99 | 2,183,361.21 | 100.94 | 101.88 | 101.65 | 101.50 | 101.79 | 102.01 | 101.75 |
| 27+13.25 | 76.35 | 5,994,658.39 | 2,183,364.19 | 100.96 | 101.87 | 101.66 | 101.52 | 101.80 | 101.98 | 101.76 |
| 27+16.54 | 76.40 | 5,994,659.79 | 2,183,367.16 | 100.98 | 101.86 | 101.60 | 101.49 | 101.71 | 101.97 | 101.75 |
| 27+19.82 | 76.46 | 5,994,661.19 | 2,183,370.11 | 100.98 | 101.81 | 101.66 | 101.55 | 101.76 | 101.90 | 101.73 |
| 27+23.10 | 76.50 | 5,994,662.59 | 2,183,373.08 | 100.97 | 101.79 | 101.66 | 101.60 | 101.73 | 101.88 | 101.71 |
| 27+26.38 | 76.53 | 5,994,663.96 | 2,183,376.09 | 100.95 | 101.77 | 101.74 | 101.72 | 101.76 | 101.86 | 101.67 |
| 27+29.66 | 76.56 | 5,994,665.32 | 2,183,379.07 | 100.93 | 101.77 | 101.67 | 101.65 | 101.70 | 101.88 | 101.66 |
| 27+32.94 | 76.59 | 5,994,666.69 | 2,183,382.04 | 100.91 | 101.75 | 101.68 | 101.64 | 101.72 | 101.85 | 101.65 |
| 27+36.22 | 76.62 | 5,994,668.09 | 2,183,385.02 | 100.89 | 101.75 | 101.62 | 101.56 | 101.67 | 101.85 | 101.65 |
| 27+39.50 | 76.65 | 5,994,669.46 | 2,183,388.00 | 100.86 | 101.73 | 101.65 | 101.61 | 101.68 | 101.80 | 101.65 |
| 27+42.78 | 76.68 | 5,994,670.82 | 2,183,390.97 | 100.84 | 101.72 | 101.58 | 101.57 | 101.58 | 101.80 | 101.64 |
| 27+46.06 | 76.73 | 5,994,672.22 | 2,183,393.95 | 100.82 | 101.71 | 101.55 | 101.56 | 101.53 | 101.80 | 101.62 |
| 27+49.34 | 76.78 | 5,994,673.62 | 2,183,396.93 | 100.81 | 101.70 | 101.52 | 101.55 | 101.48 | 101.83 | 101.56 |
| 27+52.62 | 76.86 | 5,994,675.02 | 2,183,399.87 | 100.80 | 101.71 | 101.52 | 101.55 | 101.48 | 101.87 | 101.54 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 27+55.91 | 76.94 | 5,994,676.45 | 2,183,402.85 | 100.80 | 101.71 | 101.54 | 101.60 | 101.49 | 101.89 | 101.53 |
| 27+59.19 | 77.01 | 5,994,677.85 | 2,183,405.79 | 100.79 | 101.71 | 101.60 | 101.62 | 101.57 | 101.88 | 101.54 |
| 27+62.47 | 77.09 | 5,994,679.28 | 2,183,408.77 | 100.79 | 101.68 | 101.66 | 101.66 | 101.65 | 101.81 | 101.55 |
| 27+65.75 | 77.17 | 5,994,680.68 | 2,183,411.71 | 100.79 | 101.68 | 101.66 | 101.65 | 101.66 | 101.77 | 101.58 |
| 27+69.03 | 77.25 | 5,994,682.12 | 2,183,414.69 | 100.78 | 101.68 | 101.57 | 101.61 | 101.54 | 101.75 | 101.61 |
| 27+72.31 | 77.32 | 5,994,683.51 | 2,183,417.63 | 100.78 | 101.69 | 101.49 | 101.55 | 101.43 | 101.75 | 101.63 |
| 27+75.59 | 77.39 | 5,994,684.91 | 2,183,420.61 | 100.77 | 101.67 | 101.48 | 101.51 | 101.45 | 101.74 | 101.61 |
| 27+78.87 | 77.44 | 5,994,686.31 | 2,183,423.58 | 100.76 | 101.65 | 101.48 | 101.52 | 101.44 | 101.74 | 101.56 |
| 27+82.15 | 77.50 | 5,994,687.71 | 2,183,426.53 | 100.75 | 101.61 | 101.49 | 101.50 | 101.49 | 101.72 | 101.51 |
| 27+85.43 | 77.55 | 5,994,689.11 | 2,183,429.50 | 100.75 | 101.59 | 101.48 | 101.49 | 101.47 | 101.70 | 101.49 |
| 27+88.71 | 77.61 | 5,994,690.51 | 2,183,432.48 | 100.74 | 101.60 | 101.50 | 101.44 | 101.55 | 101.67 | 101.52 |
| 27+91.99 | 77.66 | 5,994,691.91 | 2,183,435.46 | 100.73 | 101.62 | 101.52 | 101.47 | 101.57 | 101.68 | 101.56 |
| 27+95.28 | 77.72 | 5,994,693.31 | 2,183,438.43 | 100.73 | 101.61 | 101.52 | 101.49 | 101.55 | 101.66 | 101.55 |
| 27+98.56 | 77.77 | 5,994,694.71 | 2,183,441.41 | 100.72 | 101.58 | 101.53 | 101.52 | 101.53 | 101.63 | 101.54 |
| 28+01.84 | 77.81 | 5,994,696.08 | 2,183,444.35 | 100.70 | 101.54 | 101.50 | 101.52 | 101.47 | 101.58 | 101.50 |
| 28+05.12 | 77.86 | 5,994,697.48 | 2,183,447.33 | 100.69 | 101.53 | 101.48 | 101.48 | 101.48 | 101.57 | 101.48 |
| 28+08.40 | 77.90 | 5,994,698.88 | 2,183,450.30 | 100.67 | 101.51 | 101.45 | 101.45 | 101.44 | 101.57 | 101.44 |
| 28+11.68 | 77.95 | 5,994,700.24 | 2,183,453.28 | 100.66 | 101.48 | 101.44 | 101.42 | 101.47 | 101.54 | 101.41 |
| 28+14.96 | 77.99 | 5,994,701.64 | 2,183,456.26 | 100.64 | 101.44 | 101.45 | 101.41 | 101.50 | 101.50 | 101.39 |
| 28+18.24 | 78.03 | 5,994,703.01 | 2,183,459.23 | 100.62 | 101.42 | 101.42 | 101.37 | 101.48 | 101.45 | 101.39 |
| 28+21.52 | 78.07 | 5,994,704.41 | 2,183,462.21 | 100.61 | 101.43 | 101.37 | 101.34 | 101.41 | 101.45 | 101.40 |
| 28+24.80 | 78.11 | 5,994,705.77 | 2,183,465.19 | 100.59 | 101.44 | 101.37 | 101.35 | 101.39 | 101.47 | 101.41 |
| 28+28.08 | 78.15 | 5,994,707.17 | 2,183,468.16 | 100.57 | 101.43 | 101.37 | 101.35 | 101.39 | 101.45 | 101.41 |
| 28+31.36 | 78.17 | 5,994,708.54 | 2,183,471.14 | 100.55 | 101.42 | 101.38 | 101.37 | 101.39 | 101.44 | 101.40 |
| 28+34.65 | 78.19 | 5,994,709.91 | 2,183,474.15 | 100.53 | 101.40 | 101.37 | 101.34 | 101.40 | 101.42 | 101.38 |
| 28+37.93 | 78.21 | 5,994,711.27 | 2,183,477.13 | 100.52 | 101.41 | 101.38 | 101.35 | 101.40 | 101.45 | 101.37 |
| 28+41.21 | 78.23 | 5,994,712.61 | 2,183,480.10 | 100.50 | 101.42 | 101.38 | 101.34 | 101.43 | 101.45 | 101.39 |
| 28+44.49 | 78.24 | 5,994,713.97 | 2,183,483.08 | 100.48 | 101.42 | 101.35 | 101.34 | 101.37 | 101.44 | 101.39 |
| 28+47.77 | 78.26 | 5,994,715.34 | 2,183,486.09 | 100.46 | 101.42 | 101.28 | 101.27 | 101.29 | 101.44 | 101.40 |
| 28+51.05 | 78.28 | 5,994,716.71 | 2,183,489.07 | 100.44 | 101.40 | 101.19 | 101.25 | 101.14 | 101.45 | 101.35 |
| 28+54.33 | 78.30 | 5,994,718.07 | 2,183,492.04 | 100.43 | 101.41 | 101.16 | 101.22 | 101.09 | 101.51 | 101.31 |
| 28+57.61 | 78.33 | 5,994,719.44 | 2,183,495.02 | 100.43 | 101.39 | 101.12 | 101.18 | 101.05 | 101.53 | 101.25 |
| 28+60.89 | 78.36 | 5,994,720.81 | 2,183,498.00 | 100.44 | 101.38 | 101.13 | 101.09 | 101.16 | 101.50 | 101.26 |
| 28+64.17 | 78.39 | 5,994,722.21 | 2,183,501.01 | 100.44 | 101.36 | 101.13 | 101.07 | 101.19 | 101.44 | 101.28 |
| 28+67.45 | 78.42 | 5,994,723.57 | 2,183,503.98 | 100.45 | 101.35 | 101.22 | 101.14 | 101.30 | 101.37 | 101.34 |
| 28+70.73 | 78.44 | 5,994,724.94 | 2,183,506.96 | 100.46 | 101.36 | 101.27 | 101.22 | 101.32 | 101.38 | 101.35 |
| 28+74.02 | 78.47 | 5,994,726.31 | 2,183,509.94 | 100.47 | 101.35 | 101.28 | 101.26 | 101.30 | 101.34 | 101.35 |
| 28+77.30 | 78.50 | 5,994,727.67 | 2,183,512.91 | 100.48 | 101.32 | 101.23 | 101.21 | 101.25 | 101.32 | 101.31 |
| 28+80.58 | 78.53 | 5,994,729.04 | 2,183,515.89 | 100.48 | 101.29 | 101.21 | 101.25 | 101.17 | 101.28 | 101.29 |
| 28+83.86 | 78.56 | 5,994,730.44 | 2,183,518.87 | 100.49 | 101.27 | 101.22 | 101.21 | 101.22 | 101.30 | 101.25 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 28+87.14 | 78.59 | 5,994,731.81 | 2,183,521.84 | 100.49 | 101.29 | 101.22 | 101.20 | 101.24 | 101.32 | 101.25 |
| 28+90.42 | 78.62 | 5,994,733.17 | 2,183,524.82 | 100.50 | 101.30 | 101.27 | 101.20 | 101.35 | 101.35 | 101.24 |
| 28+93.70 | 78.65 | 5,994,734.54 | 2,183,527.83 | 100.50 | 101.34 | 101.26 | 101.20 | 101.31 | 101.41 | 101.27 |
| 28+96.98 | 78.68 | 5,994,735.94 | 2,183,530.80 | 100.50 | 101.34 | 101.33 | 101.26 | 101.40 | 101.40 | 101.28 |
| 29+00.26 | 78.71 | 5,994,737.31 | 2,183,533.78 | 100.51 | 101.31 | 101.37 | 101.35 | 101.40 | 101.35 | 101.27 |
| 29+03.54 | 78.75 | 5,994,738.67 | 2,183,536.76 | 100.51 | 101.24 | 101.46 | 101.44 | 101.48 | 101.27 | 101.21 |
| 29+06.82 | 78.77 | 5,994,740.04 | 2,183,539.73 | 100.49 | 101.23 | 101.49 | 101.49 | 101.50 | 101.25 | 101.21 |
| 29+10.10 | 78.80 | 5,994,741.41 | 2,183,542.71 | 100.44 | 101.24 | 101.48 | 101.42 | 101.53 | 101.27 | 101.20 |
| 29+13.39 | 78.82 | 5,994,742.77 | 2,183,545.69 | 100.36 | 101.24 | 101.46 | 101.37 | 101.55 | 101.28 | 101.20 |
| 29+16.67 | 78.84 | 5,994,744.14 | 2,183,548.70 | 100.28 | 101.21 | 101.40 | 101.28 | 101.52 | 101.26 | 101.17 |
| 29+19.95 | 78.86 | 5,994,745.51 | 2,183,551.67 | 100.20 | 101.18 | 101.39 | 101.25 | 101.53 | 101.22 | 101.14 |
| 29+23.23 | 78.89 | 5,994,746.87 | 2,183,554.65 | 100.12 | 101.17 | 101.35 | 101.21 | 101.50 | 101.20 | 101.13 |
| 29+26.51 | 78.91 | 5,994,748.24 | 2,183,557.63 | 100.04 | 101.15 | 101.43 | 101.31 | 101.55 | 101.19 | 101.11 |
| 29+29.79 | 78.93 | 5,994,749.61 | 2,183,560.60 | 99.96 | 101.14 | 101.45 | 101.38 | 101.52 | 101.17 | 101.11 |
| 29+33.07 | 78.94 | 5,994,750.97 | 2,183,563.61 | 99.90 | 101.14 | 101.52 | 101.53 | 101.50 | 101.16 | 101.12 |
| 29+36.35 | 78.91 | 5,994,752.27 | 2,183,566.62 | 99.87 | 101.13 | 101.43 | 101.43 | 101.43 | 101.15 | 101.12 |
| 29+39.63 | 78.83 | 5,994,753.58 | 2,183,569.63 | 99.88 | 101.13 | 101.37 | 101.32 | 101.42 | 101.15 | 101.12 |
| 29+42.91 | 78.72 | 5,994,754.81 | 2,183,572.68 | 99.93 | 101.14 | 101.25 | 101.11 | 101.39 | 101.14 | 101.14 |
| 29+46.19 | 78.61 | 5,994,756.05 | 2,183,575.72 | 99.98 | 101.14 | 101.22 | 101.08 | 101.37 | 101.12 | 101.17 |
| 29+49.48 | 78.50 | 5,994,757.28 | 2,183,578.73 | 100.02 | 101.13 | 101.17 | 101.01 | 101.35 | 101.11 | 101.16 |
| 29+52.76 | 78.39 | 5,994,758.55 | 2,183,581.77 | 100.07 | 101.11 | 101.08 | 100.94 | 101.22 | 101.07 | 101.15 |
| 29+56.04 | 78.28 | 5,994,759.79 | 2,183,584.82 | 100.11 | 101.07 | 100.92 | 100.83 | 101.01 | 101.04 | 101.11 |
| 29+59.32 | 78.17 | 5,994,761.02 | 2,183,587.86 | 100.16 | 101.04 | 100.81 | 100.82 | 100.81 | 101.01 | 101.08 |
| 29+62.60 | 78.07 | 5,994,762.29 | 2,183,590.87 | 100.19 | 101.03 | 100.79 | 100.84 | 100.74 | 101.02 | 101.04 |
| 29+65.88 | 77.99 | 5,994,763.56 | 2,183,593.91 | 100.21 | 101.03 | 100.84 | 100.85 | 100.82 | 101.04 | 101.03 |
| 29+69.16 | 77.92 | 5,994,764.83 | 2,183,596.92 | 100.22 | 101.04 | 100.83 | 100.82 | 100.84 | 101.03 | 101.05 |
| 29+72.44 | 77.85 | 5,994,766.13 | 2,183,599.93 | 100.22 | 101.03 | 100.94 | 100.88 | 100.99 | 101.01 | 101.06 |
| 29+75.72 | 77.79 | 5,994,767.43 | 2,183,602.97 | 100.22 | 101.02 | 100.98 | 100.94 | 101.02 | 100.97 | 101.07 |
| 29+79.00 | 77.73 | 5,994,768.70 | 2,183,605.98 | 100.22 | 101.02 | 100.99 | 100.95 | 101.03 | 100.98 | 101.05 |
| 29+82.28 | 77.66 | 5,994,770.00 | 2,183,608.99 | 100.22 | 101.01 | 100.87 | 100.91 | 100.83 | 100.99 | 101.02 |
| 29+85.56 | 77.60 | 5,994,771.27 | 2,183,612.04 | 100.22 | 101.02 | 100.84 | 100.90 | 100.79 | 101.04 | 101.01 |
| 29+88.85 | 77.54 | 5,994,772.57 | 2,183,615.05 | 100.22 | 101.04 | 100.84 | 100.92 | 100.76 | 101.05 | 101.04 |
| 29+92.13 | 77.48 | 5,994,773.87 | 2,183,618.06 | 100.22 | 101.07 | 100.87 | 100.92 | 100.82 | 101.07 | 101.07 |
| 29+95.41 | 77.42 | 5,994,775.17 | 2,183,621.07 | 100.22 | 101.06 | 100.89 | 100.91 | 100.86 | 101.04 | 101.07 |
| 29+98.69 | 77.39 | 5,994,776.47 | 2,183,624.08 | 100.23 | 101.02 | 100.91 | 100.93 | 100.89 | 100.99 | 101.05 |
| 30+01.97 | 77.37 | 5,994,777.78 | 2,183,627.09 | 100.23 | 100.98 | 100.91 | 100.91 | 100.92 | 100.95 | 101.02 |
| 30+05.25 | 77.35 | 5,994,779.08 | 2,183,630.10 | 100.23 | 100.96 | 100.90 | 100.91 | 100.90 | 100.93 | 100.98 |
| 30+08.53 | 77.33 | 5,994,780.38 | 2,183,633.11 | 100.24 | 100.95 | 100.88 | 100.88 | 100.88 | 100.94 | 100.96 |
| 30+11.81 | 77.31 | 5,994,781.68 | 2,183,636.12 | 100.24 | 100.96 | 100.85 | 100.86 | 100.84 | 100.94 | 100.97 |
| 30+15.09 | 77.29 | 5,994,783.01 | 2,183,639.13 | 100.25 | 100.98 | 100.85 | 100.88 | 100.82 | 100.95 | 101.01 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 30+18.37 | 77.27 | 5,994,784.32 | 2,183,642.14 | 100.24 | 100.99 | 100.88 | 100.90 | 100.86 | 100.95 | 101.04 |
| 30+21.65 | 77.25 | 5,994,785.62 | 2,183,645.15 | 100.22 | 101.01 | 100.97 | 100.95 | 100.99 | 100.97 | 101.05 |
| 30+24.93 | 77.23 | 5,994,786.92 | 2,183,648.16 | 100.18 | 101.03 | 101.04 | 100.95 | 101.13 | 101.01 | 101.06 |
| 30+28.22 | 77.20 | 5,994,788.22 | 2,183,651.17 | 100.13 | 101.02 | 101.04 | 100.95 | 101.14 | 101.01 | 101.03 |
| 30+31.50 | 77.18 | 5,994,789.52 | 2,183,654.18 | 100.09 | 101.01 | 100.93 | 100.85 | 100.99 | 100.99 | 101.02 |
| 30+34.78 | 77.16 | 5,994,790.82 | 2,183,657.19 | 100.04 | 100.98 | 100.84 | 100.80 | 100.88 | 100.96 | 101.00 |
| 30+38.06 | 77.13 | 5,994,792.12 | 2,183,660.20 | 100.00 | 100.99 | 100.75 | 100.67 | 100.83 | 100.98 | 100.99 |
| 30+41.34 | 77.11 | 5,994,793.42 | 2,183,663.24 | 99.95 | 101.00 | 100.76 | 100.67 | 100.86 | 100.99 | 101.01 |
| 30+44.62 | 77.08 | 5,994,794.73 | 2,183,666.25 | 99.90 | 101.00 | 100.73 | 100.67 | 100.80 | 101.01 | 100.99 |
| 30+47.90 | 77.04 | 5,994,796.03 | 2,183,669.26 | 99.87 | 100.97 | 100.75 | 100.73 | 100.78 | 100.97 | 100.97 |
| 30+51.18 | 76.98 | 5,994,797.29 | 2,183,672.27 | 99.84 | 100.94 | 100.78 | 100.73 | 100.82 | 100.95 | 100.92 |
| 30+54.46 | 76.91 | 5,994,798.56 | 2,183,675.31 | 99.81 | 100.90 | 100.77 | 100.74 | 100.80 | 100.92 | 100.88 |
| 30+57.74 | 76.84 | 5,994,799.80 | 2,183,678.36 | 99.79 | 100.87 | 100.83 | 100.80 | 100.85 | 100.91 | 100.83 |
| 30+61.02 | 76.77 | 5,994,801.07 | 2,183,681.37 | 99.77 | 100.85 | 100.82 | 100.81 | 100.83 | 100.88 | 100.83 |
| 30+64.30 | 76.69 | 5,994,802.34 | 2,183,684.41 | 99.74 | 100.86 | 100.86 | 100.80 | 100.93 | 100.89 | 100.83 |
| 30+67.59 | 76.62 | 5,994,803.57 | 2,183,687.42 | 99.72 | 100.85 | 100.84 | 100.74 | 100.94 | 100.88 | 100.83 |
| 30+70.87 | 76.55 | 5,994,804.84 | 2,183,690.46 | 99.70 | 100.84 | 100.83 | 100.71 | 100.94 | 100.88 | 100.81 |
| 30+74.15 | 76.47 | 5,994,806.11 | 2,183,693.50 | 99.68 | 100.84 | 100.80 | 100.65 | 100.95 | 100.86 | 100.82 |
| 30+77.43 | 76.40 | 5,994,807.35 | 2,183,696.51 | 99.67 | 100.84 | 100.73 | 100.68 | 100.77 | 100.85 | 100.82 |
| 30+80.71 | 76.34 | 5,994,808.61 | 2,183,699.56 | 99.66 | 100.81 | 100.70 | 100.67 | 100.73 | 100.84 | 100.79 |
| 30+83.99 | 76.28 | 5,994,809.88 | 2,183,702.57 | 99.66 | 100.75 | 100.58 | 100.60 | 100.56 | 100.79 | 100.72 |
| 30+87.27 | 76.22 | 5,994,811.15 | 2,183,705.61 | 99.66 | 100.73 | 100.48 | 100.45 | 100.50 | 100.75 | 100.70 |
| 30+90.55 | 76.15 | 5,994,812.42 | 2,183,708.62 | 99.66 | 100.71 | 100.37 | 100.38 | 100.35 | 100.72 | 100.69 |
| 30+93.83 | 76.09 | 5,994,813.69 | 2,183,711.66 | 99.66 | 100.71 | 100.40 | 100.42 | 100.39 | 100.71 | 100.70 |
| 30+97.11 | 76.03 | 5,994,814.96 | 2,183,714.67 | 99.66 | 100.70 | 100.55 | 100.48 | 100.61 | 100.70 | 100.69 |
| 31+00.39 | 75.97 | 5,994,816.23 | 2,183,717.72 | 99.66 | 100.70 | 100.66 | 100.55 | 100.76 | 100.69 | 100.71 |
| 31+03.67 | 75.91 | 5,994,817.49 | 2,183,720.73 | 99.66 | 100.70 | 100.63 | 100.53 | 100.73 | 100.69 | 100.70 |
| 31+06.96 | 75.86 | 5,994,818.79 | 2,183,723.77 | 99.67 | 100.70 | 100.66 | 100.53 | 100.78 | 100.69 | 100.70 |
| 31+10.24 | 75.81 | 5,994,820.06 | 2,183,726.78 | 99.68 | 100.70 | 100.68 | 100.56 | 100.80 | 100.71 | 100.69 |
| 31+13.52 | 75.76 | 5,994,821.33 | 2,183,729.79 | 99.68 | 100.71 | 100.77 | 100.56 | 100.98 | 100.73 | 100.68 |
| 31+16.80 | 75.71 | 5,994,822.63 | 2,183,732.83 | 99.69 | 100.71 | 100.77 | 100.60 | 100.94 | 100.74 | 100.68 |
| 31+20.08 | 75.66 | 5,994,823.90 | 2,183,735.84 | 99.70 | 100.69 | 100.76 | 100.56 | 100.95 | 100.72 | 100.66 |
| 31+23.36 | 75.61 | 5,994,825.17 | 2,183,738.89 | 99.70 | 100.67 | 100.75 | 100.61 | 100.90 | 100.70 | 100.63 |
| 31+26.64 | 75.56 | 5,994,826.47 | 2,183,741.90 | 99.71 | 100.63 | 100.66 | 100.56 | 100.76 | 100.66 | 100.60 |
| 31+29.92 | 75.52 | 5,994,827.74 | 2,183,744.91 | 99.72 | 100.61 | 100.56 | 100.55 | 100.57 | 100.62 | 100.59 |
| 31+33.20 | 75.47 | 5,994,829.01 | 2,183,747.95 | 99.72 | 100.61 | 100.49 | 100.50 | 100.47 | 100.60 | 100.62 |
| 31+36.48 | 75.42 | 5,994,830.31 | 2,183,750.96 | 99.72 | 100.62 | 100.50 | 100.52 | 100.49 | 100.60 | 100.64 |
| 31+39.76 | 75.37 | 5,994,831.58 | 2,183,753.97 | 99.72 | 100.65 | 100.55 | 100.53 | 100.56 | 100.65 | 100.65 |
| 31+43.04 | 75.33 | 5,994,832.88 | 2,183,757.01 | 99.71 | 100.65 | 100.56 | 100.55 | 100.58 | 100.67 | 100.63 |
| 31+46.33 | 75.28 | 5,994,834.15 | 2,183,760.02 | 99.71 | 100.66 | 100.58 | 100.55 | 100.61 | 100.69 | 100.62 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 31+49.61 | 75.23 | 5,994,835.42 | 2,183,763.03 | 99.71 | 100.63 | 100.56 | 100.52 | 100.59 | 100.66 | 100.60 |
| 31+52.89 | 75.19 | 5,994,836.72 | 2,183,766.08 | 99.70 | 100.61 | 100.49 | 100.48 | 100.49 | 100.64 | 100.59 |
| 31+56.17 | 75.14 | 5,994,837.99 | 2,183,769.09 | 99.70 | 100.60 | 100.44 | 100.45 | 100.43 | 100.62 | 100.57 |
| 31+59.45 | 75.09 | 5,994,839.29 | 2,183,772.10 | 99.69 | 100.60 | 100.43 | 100.40 | 100.45 | 100.62 | 100.57 |
| 31+62.73 | 75.05 | 5,994,840.56 | 2,183,775.14 | 99.69 | 100.60 | 100.42 | 100.44 | 100.40 | 100.61 | 100.59 |
| 31+66.01 | 75.00 | 5,994,841.86 | 2,183,778.15 | 99.68 | 100.61 | 100.44 | 100.47 | 100.40 | 100.62 | 100.60 |
| 31+69.29 | 74.96 | 5,994,843.13 | 2,183,781.16 | 99.68 | 100.61 | 100.45 | 100.50 | 100.40 | 100.62 | 100.60 |
| 31+72.57 | 74.92 | 5,994,844.43 | 2,183,784.17 | 99.67 | 100.60 | 100.48 | 100.42 | 100.53 | 100.63 | 100.57 |
| 31+75.85 | 74.88 | 5,994,845.70 | 2,183,787.21 | 99.66 | 100.57 | 100.47 | 100.40 | 100.53 | 100.60 | 100.55 |
| 31+79.13 | 74.83 | 5,994,847.00 | 2,183,790.22 | 99.65 | 100.55 | 100.45 | 100.40 | 100.49 | 100.57 | 100.52 |
| 31+82.41 | 74.79 | 5,994,848.27 | 2,183,793.23 | 99.64 | 100.51 | 100.48 | 100.48 | 100.47 | 100.52 | 100.50 |
| 31+85.70 | 74.75 | 5,994,849.57 | 2,183,796.24 | 99.64 | 100.49 | 100.42 | 100.39 | 100.44 | 100.48 | 100.49 |
| 31+88.98 | 74.73 | 5,994,850.87 | 2,183,799.25 | 99.65 | 100.49 | 100.39 | 100.35 | 100.43 | 100.47 | 100.50 |
| 31+92.26 | 74.73 | 5,994,852.20 | 2,183,802.26 | 99.67 | 100.50 | 100.33 | 100.36 | 100.31 | 100.47 | 100.52 |
| 31+95.54 | 74.75 | 5,994,853.54 | 2,183,805.27 | 99.70 | 100.52 | 100.42 | 100.47 | 100.37 | 100.48 | 100.55 |
| 31+98.82 | 74.78 | 5,994,854.90 | 2,183,808.25 | 99.74 | 100.52 | 100.50 | 100.56 | 100.44 | 100.49 | 100.56 |
| 32+02.10 | 74.80 | 5,994,856.24 | 2,183,811.26 | 99.77 | 100.52 | 100.57 | 100.57 | 100.57 | 100.50 | 100.53 |
| 32+05.38 | 74.82 | 5,994,857.57 | 2,183,814.23 | 99.81 | 100.52 | 100.54 | 100.52 | 100.56 | 100.52 | 100.52 |
| 32+08.66 | 74.85 | 5,994,858.94 | 2,183,817.24 | 99.84 | 100.50 | 100.52 | 100.52 | 100.52 | 100.52 | 100.48 |
| 32+11.94 | 74.87 | 5,994,860.27 | 2,183,820.22 | 99.88 | 100.49 | 100.49 | 100.52 | 100.46 | 100.52 | 100.47 |
| 32+15.22 | 74.90 | 5,994,861.61 | 2,183,823.23 | 99.90 | 100.49 | 100.53 | 100.60 | 100.47 | 100.52 | 100.46 |
| 32+18.50 | 74.94 | 5,994,862.97 | 2,183,826.21 | 99.90 | 100.50 | 100.58 | 100.62 | 100.54 | 100.53 | 100.46 |
| 32+21.78 | 75.01 | 5,994,864.34 | 2,183,829.18 | 99.89 | 100.50 | 100.61 | 100.65 | 100.57 | 100.54 | 100.45 |
| 32+25.07 | 75.09 | 5,994,865.71 | 2,183,832.16 | 99.86 | 100.49 | 100.62 | 100.65 | 100.60 | 100.53 | 100.45 |
| 32+28.35 | 75.16 | 5,994,867.07 | 2,183,835.17 | 99.83 | 100.47 | 100.58 | 100.66 | 100.52 | 100.52 | 100.42 |
| 32+31.63 | 75.24 | 5,994,868.44 | 2,183,838.15 | 99.80 | 100.44 | 100.53 | 100.61 | 100.46 | 100.48 | 100.39 |
| 32+34.91 | 75.31 | 5,994,869.81 | 2,183,841.12 | 99.77 | 100.42 | 100.44 | 100.55 | 100.34 | 100.49 | 100.34 |
| 32+38.19 | 75.39 | 5,994,871.17 | 2,183,844.10 | 99.74 | 100.41 | 100.37 | 100.46 | 100.29 | 100.49 | 100.33 |
| 32+41.47 | 75.47 | 5,994,872.54 | 2,183,847.08 | 99.72 | 100.40 | 100.31 | 100.39 | 100.22 | 100.49 | 100.31 |
| 32+44.75 | 75.52 | 5,994,873.87 | 2,183,850.09 | 99.70 | 100.38 | 100.30 | 100.36 | 100.23 | 100.45 | 100.31 |
| 32+48.03 | 75.55 | 5,994,875.21 | 2,183,853.09 | 99.70 | 100.35 | 100.30 | 100.35 | 100.25 | 100.42 | 100.30 |
| 32+51.31 | 75.55 | 5,994,876.51 | 2,183,856.10 | 99.72 | 100.37 | 100.37 | 100.40 | 100.33 | 100.44 | 100.31 |
| 32+54.59 | 75.55 | 5,994,877.81 | 2,183,859.11 | 99.75 | 100.37 | 100.40 | 100.47 | 100.33 | 100.46 | 100.29 |
| 32+57.87 | 75.56 | 5,994,879.11 | 2,183,862.12 | 99.77 | 100.39 | 100.41 | 100.49 | 100.33 | 100.49 | 100.29 |
| 32+61.15 | 75.56 | 5,994,880.41 | 2,183,865.13 | 99.79 | 100.44 | 100.44 | 100.50 | 100.37 | 100.59 | 100.30 |
| 32+64.44 | 75.56 | 5,994,881.71 | 2,183,868.14 | 99.81 | 100.48 | 100.43 | 100.48 | 100.37 | 100.62 | 100.33 |
| 32+67.72 | 75.56 | 5,994,883.01 | 2,183,871.15 | 99.83 | 100.47 | 100.40 | 100.47 | 100.34 | 100.60 | 100.33 |
| 32+71.00 | 75.57 | 5,994,884.32 | 2,183,874.16 | 99.84 | 100.38 | 100.39 | 100.46 | 100.32 | 100.45 | 100.31 |
| 32+74.28 | 75.57 | 5,994,885.62 | 2,183,877.17 | 99.85 | 100.33 | 100.43 | 100.48 | 100.37 | 100.38 | 100.29 |
| 32+77.56 | 75.58 | 5,994,886.92 | 2,183,880.18 | 99.84 | 100.33 | 100.45 | 100.48 | 100.43 | 100.38 | 100.27 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 32+80.84 | 75.59 | 5,994,888.22 | 2,183,883.23 | 99.82 | 100.32 | 100.43 | 100.45 | 100.42 | 100.39 | 100.25 |
| 32+84.12 | 75.59 | 5,994,889.52 | 2,183,886.24 | 99.81 | 100.30 | 100.37 | 100.38 | 100.36 | 100.37 | 100.23 |
| 32+87.40 | 75.60 | 5,994,890.82 | 2,183,889.25 | 99.79 | 100.29 | 100.34 | 100.37 | 100.32 | 100.35 | 100.22 |
| 32+90.68 | 75.61 | 5,994,892.12 | 2,183,892.26 | 99.78 | 100.29 | 100.31 | 100.36 | 100.26 | 100.36 | 100.22 |
| 32+93.96 | 75.62 | 5,994,893.46 | 2,183,895.27 | 99.76 | 100.30 | 100.29 | 100.37 | 100.21 | 100.35 | 100.25 |
| 32+97.24 | 75.62 | 5,994,894.76 | 2,183,898.28 | 99.75 | 100.29 | 100.33 | 100.40 | 100.25 | 100.34 | 100.23 |
| 33+00.52 | 75.63 | 5,994,896.06 | 2,183,901.29 | 99.73 | 100.27 | 100.34 | 100.42 | 100.27 | 100.33 | 100.22 |
| 33+03.81 | 75.62 | 5,994,897.33 | 2,183,904.30 | 99.72 | 100.25 | 100.34 | 100.40 | 100.27 | 100.33 | 100.17 |
| 33+07.09 | 75.61 | 5,994,898.63 | 2,183,907.31 | 99.70 | 100.24 | 100.27 | 100.35 | 100.20 | 100.32 | 100.16 |
| 33+10.37 | 75.59 | 5,994,899.90 | 2,183,910.35 | 99.68 | 100.22 | 100.25 | 100.35 | 100.15 | 100.30 | 100.14 |
| 33+13.65 | 75.57 | 5,994,901.20 | 2,183,913.36 | 99.66 | 100.22 | 100.29 | 100.36 | 100.21 | 100.29 | 100.15 |
| 33+16.93 | 75.55 | 5,994,902.47 | 2,183,916.37 | 99.64 | 100.21 | 100.34 | 100.38 | 100.31 | 100.26 | 100.15 |
| 33+20.21 | 75.53 | 5,994,903.74 | 2,183,919.41 | 99.62 | 100.20 | 100.24 | 100.38 | 100.10 | 100.24 | 100.15 |
| 33+23.49 | 75.51 | 5,994,905.04 | 2,183,922.42 | 99.60 | 100.20 | 100.21 | 100.35 | 100.07 | 100.27 | 100.12 |
| 33+26.77 | 75.49 | 5,994,906.31 | 2,183,925.43 | 99.58 | 100.18 | 100.16 | 100.32 | 100.01 | 100.27 | 100.09 |
| 33+30.05 | 75.48 | 5,994,907.58 | 2,183,928.48 | 99.56 | 100.16 | 100.23 | 100.24 | 100.22 | 100.27 | 100.04 |
| 33+33.33 | 75.46 | 5,994,908.88 | 2,183,931.48 | 99.54 | 100.15 | 100.17 | 100.13 | 100.22 | 100.25 | 100.04 |
| 33+36.61 | 75.46 | 5,994,910.18 | 2,183,934.49 | 99.52 | 100.15 | 100.11 | 100.06 | 100.16 | 100.22 | 100.08 |
| 33+39.90 | 75.45 | 5,994,911.45 | 2,183,937.51 | 99.50 | 100.14 | 100.11 | 100.08 | 100.14 | 100.19 | 100.10 |
| 33+43.18 | 75.44 | 5,994,912.75 | 2,183,940.55 | 99.48 | 100.12 | 100.12 | 100.12 | 100.12 | 100.15 | 100.10 |
| 33+46.46 | 75.44 | 5,994,914.05 | 2,183,943.56 | 99.46 | 100.12 | 100.15 | 100.13 | 100.18 | 100.19 | 100.07 |
| 33+49.74 | 75.43 | 5,994,915.35 | 2,183,946.57 | 99.44 | 100.14 | 100.13 | 100.04 | 100.22 | 100.21 | 100.08 |
| 33+53.02 | 75.42 | 5,994,916.62 | 2,183,949.58 | 99.43 | 100.14 | 100.07 | 100.01 | 100.13 | 100.22 | 100.07 |
| 33+56.30 | 75.42 | 5,994,917.92 | 2,183,952.59 | 99.40 | 100.14 | 100.00 | 99.99 | 100.01 | 100.21 | 100.08 |
| 33+59.58 | 75.42 | 5,994,919.22 | 2,183,955.63 | 99.38 | 100.14 | 99.98 | 99.99 | 99.97 | 100.21 | 100.08 |
| 33+62.86 | 75.42 | 5,994,920.52 | 2,183,958.64 | 99.35 | 100.16 | 100.02 | 99.98 | 100.06 | 100.24 | 100.08 |
| 33+66.14 | 75.42 | 5,994,921.82 | 2,183,961.65 | 99.31 | 100.17 | 100.03 | 99.98 | 100.08 | 100.27 | 100.08 |
| 33+69.42 | 75.43 | 5,994,923.12 | 2,183,964.66 | 99.28 | 100.17 | 100.06 | 100.03 | 100.09 | 100.29 | 100.06 |
| 33+72.70 | 75.43 | 5,994,924.43 | 2,183,967.67 | 99.25 | 100.14 | 100.07 | 100.06 | 100.08 | 100.23 | 100.04 |
| 33+75.98 | 75.43 | 5,994,925.73 | 2,183,970.68 | 99.22 | 100.10 | 100.10 | 100.09 | 100.11 | 100.19 | 100.01 |
| 33+79.27 | 75.43 | 5,994,927.03 | 2,183,973.69 | 99.19 | 100.07 | 100.09 | 100.07 | 100.12 | 100.14 | 100.00 |
| 33+82.55 | 75.44 | 5,994,928.33 | 2,183,976.70 | 99.16 | 100.06 | 100.07 | 100.08 | 100.07 | 100.13 | 99.98 |
| 33+85.83 | 75.46 | 5,994,929.63 | 2,183,979.71 | 99.13 | 100.04 | 100.04 | 100.02 | 100.06 | 100.11 | 99.97 |
| 33+89.11 | 75.49 | 5,994,930.97 | 2,183,982.72 | 99.11 | 100.04 | 99.97 | 99.97 | 99.98 | 100.11 | 99.97 |
| 33+92.39 | 75.53 | 5,994,932.30 | 2,183,985.70 | 99.09 | 100.03 | 99.95 | 99.91 | 99.99 | 100.11 | 99.96 |
| 33+95.67 | 75.57 | 5,994,933.63 | 2,183,988.71 | 99.07 | 100.03 | 99.94 | 99.91 | 99.97 | 100.12 | 99.94 |
| 33+98.95 | 75.61 | 5,994,934.97 | 2,183,991.72 | 99.05 | 100.03 | 99.95 | 99.91 | 99.99 | 100.14 | 99.92 |
| 34+02.23 | 75.65 | 5,994,936.30 | 2,183,994.69 | 99.03 | 100.01 | 99.93 | 99.90 | 99.96 | 100.12 | 99.90 |
| 34+05.51 | 75.70 | 5,994,937.64 | 2,183,997.70 | 99.01 | 99.98 | 99.86 | 99.87 | 99.86 | 100.08 | 99.89 |
| 34+08.79 | 75.73 | 5,994,938.97 | 2,184,000.71 | 98.99 | 99.94 | 99.81 | 99.83 | 99.80 | 100.02 | 99.87 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 34+12.07 | 75.77 | 5,994,940.30 | 2,184,003.69 | 98.99 | 99.93 | 99.76 | 99.79 | 99.74 | 99.99 | 99.88 |
| 34+15.35 | 75.79 | 5,994,941.64 | 2,184,006.70 | 98.99 | 99.95 | 99.80 | 99.79 | 99.80 | 100.00 | 99.90 |
| 34+18.64 | 75.80 | 5,994,942.94 | 2,184,009.71 | 99.01 | 99.96 | 99.83 | 99.85 | 99.80 | 100.01 | 99.91 |
| 34+21.92 | 75.82 | 5,994,944.24 | 2,184,012.72 | 99.03 | 99.96 | 99.88 | 99.91 | 99.85 | 100.01 | 99.91 |
| 34+25.20 | 75.84 | 5,994,945.57 | 2,184,015.73 | 99.05 | 99.94 | 99.86 | 99.92 | 99.79 | 99.99 | 99.89 |
| 34+28.48 | 75.85 | 5,994,946.87 | 2,184,018.74 | 99.07 | 99.91 | 99.82 | 99.88 | 99.77 | 99.97 | 99.86 |
| 34+31.76 | 75.87 | 5,994,948.18 | 2,184,021.75 | 99.09 | 99.90 | 99.80 | 99.83 | 99.77 | 99.97 | 99.84 |
| 34+35.04 | 75.88 | 5,994,949.51 | 2,184,024.76 | 99.11 | 99.90 | 99.80 | 99.81 | 99.78 | 99.97 | 99.83 |
| 34+38.32 | 75.91 | 5,994,950.81 | 2,184,027.77 | 99.12 | 99.91 | 99.84 | 99.86 | 99.83 | 99.98 | 99.84 |
| 34+41.60 | 75.95 | 5,994,952.15 | 2,184,030.74 | 99.12 | 99.90 | 99.81 | 99.85 | 99.77 | 99.98 | 99.83 |
| 34+44.88 | 76.02 | 5,994,953.51 | 2,184,033.72 | 99.10 | 99.90 | 99.79 | 99.85 | 99.73 | 99.97 | 99.83 |
| 34+48.16 | 76.10 | 5,994,954.88 | 2,184,036.73 | 99.08 | 99.89 | 99.79 | 99.85 | 99.73 | 99.94 | 99.83 |
| 34+51.44 | 76.18 | 5,994,956.25 | 2,184,039.71 | 99.07 | 99.88 | 99.81 | 99.87 | 99.75 | 99.93 | 99.83 |
| 34+54.72 | 76.26 | 5,994,957.61 | 2,184,042.68 | 99.05 | 99.84 | 99.76 | 99.81 | 99.70 | 99.89 | 99.78 |
| 34+58.01 | 76.34 | 5,994,958.98 | 2,184,045.66 | 99.03 | 99.81 | 99.67 | 99.74 | 99.61 | 99.86 | 99.76 |
| 34+61.29 | 76.41 | 5,994,960.38 | 2,184,048.64 | 99.01 | 99.78 | 99.63 | 99.69 | 99.57 | 99.81 | 99.74 |
| 34+64.57 | 76.49 | 5,994,961.74 | 2,184,051.61 | 98.99 | 99.79 | 99.66 | 99.67 | 99.65 | 99.81 | 99.77 |
| 34+67.85 | 76.57 | 5,994,963.11 | 2,184,054.62 | 98.97 | 99.81 | 99.65 | 99.68 | 99.61 | 99.84 | 99.77 |
| 34+71.13 | 76.65 | 5,994,964.48 | 2,184,057.60 | 98.96 | 99.84 | 99.68 | 99.71 | 99.64 | 99.86 | 99.82 |
| 34+74.41 | 76.73 | 5,994,965.84 | 2,184,060.58 | 98.95 | 99.83 | 99.70 | 99.74 | 99.67 | 99.86 | 99.81 |
| 34+77.69 | 76.80 | 5,994,967.21 | 2,184,063.55 | 98.93 | 99.83 | 99.76 | 99.73 | 99.79 | 99.85 | 99.80 |
| 34+80.97 | 76.88 | 5,994,968.58 | 2,184,066.53 | 98.92 | 99.79 | 99.71 | 99.67 | 99.76 | 99.80 | 99.77 |
| 34+84.25 | 76.96 | 5,994,969.94 | 2,184,069.54 | 98.91 | 99.74 | 99.64 | 99.62 | 99.66 | 99.77 | 99.71 |
| 34+87.53 | 77.04 | 5,994,971.31 | 2,184,072.52 | 98.90 | 99.67 | 99.54 | 99.51 | 99.57 | 99.70 | 99.64 |
| 34+90.81 | 77.12 | 5,994,972.68 | 2,184,075.49 | 98.89 | 99.64 | 99.51 | 99.48 | 99.54 | 99.69 | 99.58 |
| 34+94.09 | 77.19 | 5,994,974.04 | 2,184,078.47 | 98.88 | 99.63 | 99.50 | 99.48 | 99.53 | 99.68 | 99.57 |
| 34+97.38 | 77.25 | 5,994,975.41 | 2,184,081.45 | 98.88 | 99.63 | 99.53 | 99.53 | 99.53 | 99.68 | 99.58 |
| 35+00.66 | 77.31 | 5,994,976.75 | 2,184,084.45 | 98.88 | 99.66 | 99.55 | 99.56 | 99.54 | 99.73 | 99.58 |
| 35+03.94 | 77.37 | 5,994,978.11 | 2,184,087.43 | 98.88 | 99.67 | 99.56 | 99.57 | 99.54 | 99.75 | 99.60 |
| 35+07.22 | 77.43 | 5,994,979.48 | 2,184,090.44 | 98.89 | 99.69 | 99.58 | 99.60 | 99.56 | 99.78 | 99.61 |
| 35+10.50 | 77.49 | 5,994,980.81 | 2,184,093.42 | 98.89 | 99.67 | 99.58 | 99.57 | 99.58 | 99.74 | 99.60 |
| 35+13.78 | 77.55 | 5,994,982.18 | 2,184,096.43 | 98.89 | 99.66 | 99.63 | 99.60 | 99.67 | 99.75 | 99.57 |
| 35+17.06 | 77.60 | 5,994,983.51 | 2,184,099.40 | 98.89 | 99.65 | 99.62 | 99.60 | 99.65 | 99.74 | 99.55 |
| 35+20.34 | 77.66 | 5,994,984.88 | 2,184,102.38 | 98.89 | 99.65 | 99.61 | 99.58 | 99.64 | 99.76 | 99.53 |
| 35+23.62 | 77.74 | 5,994,986.25 | 2,184,105.39 | 98.88 | 99.64 | 99.54 | 99.53 | 99.55 | 99.76 | 99.52 |
| 35+26.90 | 77.82 | 5,994,987.61 | 2,184,108.37 | 98.86 | 99.63 | 99.51 | 99.48 | 99.53 | 99.76 | 99.50 |
| 35+30.18 | 77.90 | 5,994,988.98 | 2,184,111.34 | 98.84 | 99.60 | 99.46 | 99.45 | 99.47 | 99.74 | 99.47 |
| 35+33.46 | 77.99 | 5,994,990.35 | 2,184,114.32 | 98.82 | 99.56 | 99.42 | 99.44 | 99.39 | 99.70 | 99.42 |
| 35+36.75 | 78.07 | 5,994,991.75 | 2,184,117.30 | 98.80 | 99.53 | 99.40 | 99.44 | 99.37 | 99.66 | 99.40 |
| 35+40.03 | 78.16 | 5,994,993.11 | 2,184,120.27 | 98.77 | 99.51 | 99.38 | 99.43 | 99.33 | 99.65 | 99.38 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 35+43.31 | 78.24 | 5,994,994.48 | 2,184,123.25 | 98.75 | 99.50 | 99.41 | 99.43 | 99.39 | 99.62 | 99.38 |
| 35+46.59 | 78.33 | 5,994,995.85 | 2,184,126.23 | 98.73 | 99.50 | 99.42 | 99.43 | 99.40 | 99.63 | 99.38 |
| 35+49.87 | 78.42 | 5,994,997.25 | 2,184,129.20 | 98.70 | 99.50 | 99.46 | 99.45 | 99.47 | 99.61 | 99.39 |
| 35+53.15 | 78.50 | 5,994,998.61 | 2,184,132.18 | 98.68 | 99.51 | 99.48 | 99.45 | 99.51 | 99.62 | 99.41 |
| 35+56.43 | 78.60 | 5,995,000.01 | 2,184,135.16 | 98.66 | 99.50 | 99.50 | 99.44 | 99.55 | 99.60 | 99.40 |
| 35+59.71 | 78.69 | 5,995,001.38 | 2,184,138.13 | 98.65 | 99.50 | 99.51 | 99.47 | 99.55 | 99.60 | 99.41 |
| 35+62.99 | 78.79 | 5,995,002.78 | 2,184,141.11 | 98.63 | 99.48 | 99.49 | 99.44 | 99.54 | 99.57 | 99.38 |
| 35+66.27 | 78.88 | 5,995,004.14 | 2,184,144.09 | 98.61 | 99.44 | 99.47 | 99.43 | 99.50 | 99.52 | 99.37 |
| 35+69.55 | 78.97 | 5,995,005.54 | 2,184,147.06 | 98.59 | 99.40 | 99.37 | 99.33 | 99.40 | 99.45 | 99.35 |
| 35+72.83 | 79.06 | 5,995,006.91 | 2,184,150.04 | 98.57 | 99.37 | 99.28 | 99.26 | 99.30 | 99.41 | 99.33 |
| 35+76.12 | 79.15 | 5,995,008.28 | 2,184,153.02 | 98.56 | 99.37 | 99.19 | 99.18 | 99.20 | 99.41 | 99.32 |
| 35+79.40 | 79.22 | 5,995,009.64 | 2,184,156.02 | 98.56 | 99.34 | 99.21 | 99.18 | 99.24 | 99.40 | 99.28 |
| 35+82.68 | 79.28 | 5,995,011.01 | 2,184,159.00 | 98.58 | 99.34 | 99.22 | 99.20 | 99.25 | 99.42 | 99.26 |
| 35+85.96 | 79.34 | 5,995,012.34 | 2,184,161.98 | 98.59 | 99.31 | 99.24 | 99.21 | 99.26 | 99.40 | 99.22 |
| 35+89.24 | 79.40 | 5,995,013.71 | 2,184,164.99 | 98.61 | 99.30 | 99.25 | 99.25 | 99.26 | 99.40 | 99.21 |
| 35+92.52 | 79.46 | 5,995,015.05 | 2,184,167.96 | 98.62 | 99.30 | 99.30 | 99.34 | 99.26 | 99.39 | 99.21 |
| 35+95.80 | 79.51 | 5,995,016.41 | 2,184,170.97 | 98.64 | 99.30 | 99.39 | 99.47 | 99.31 | 99.41 | 99.20 |
| 35+99.08 | 79.57 | 5,995,017.78 | 2,184,173.95 | 98.65 | 99.33 | 99.44 | 99.50 | 99.38 | 99.47 | 99.20 |
| 36+02.36 | 79.64 | 5,995,019.11 | 2,184,176.93 | 98.66 | 99.34 | 99.42 | 99.44 | 99.39 | 99.47 | 99.22 |
| 36+05.64 | 79.72 | 5,995,020.48 | 2,184,179.94 | 98.66 | 99.36 | 99.35 | 99.32 | 99.38 | 99.48 | 99.25 |
| 36+08.92 | 79.81 | 5,995,021.85 | 2,184,182.91 | 98.65 | 99.35 | 99.24 | 99.22 | 99.25 | 99.44 | 99.26 |
| 36+12.20 | 79.90 | 5,995,023.25 | 2,184,185.89 | 98.64 | 99.33 | 99.17 | 99.16 | 99.18 | 99.42 | 99.25 |
| 36+15.49 | 80.00 | 5,995,024.61 | 2,184,188.87 | 98.62 | 99.32 | 99.16 | 99.18 | 99.13 | 99.40 | 99.25 |
| 36+18.77 | 80.09 | 5,995,025.98 | 2,184,191.84 | 98.61 | 99.32 | 99.18 | 99.16 | 99.21 | 99.39 | 99.25 |
| 36+22.05 | 80.18 | 5,995,027.38 | 2,184,194.82 | 98.59 | 99.31 | 99.23 | 99.17 | 99.29 | 99.38 | 99.25 |
| 36+25.33 | 80.28 | 5,995,028.75 | 2,184,197.80 | 98.57 | 99.29 | 99.21 | 99.07 | 99.34 | 99.37 | 99.22 |
| 36+28.61 | 80.36 | 5,995,030.11 | 2,184,200.77 | 98.56 | 99.27 | 99.25 | 99.14 | 99.35 | 99.33 | 99.20 |
| 36+31.89 | 80.44 | 5,995,031.48 | 2,184,203.75 | 98.54 | 99.26 | 99.25 | 99.17 | 99.33 | 99.32 | 99.19 |
| 36+35.17 | 80.52 | 5,995,032.85 | 2,184,206.76 | 98.53 | 99.25 | 99.29 | 99.30 | 99.29 | 99.30 | 99.19 |
| 36+38.45 | 80.58 | 5,995,034.21 | 2,184,209.74 | 98.52 | 99.24 | 99.25 | 99.24 | 99.26 | 99.29 | 99.19 |
| 36+41.73 | 80.65 | 5,995,035.55 | 2,184,212.71 | 98.51 | 99.22 | 99.18 | 99.20 | 99.15 | 99.28 | 99.17 |
| 36+45.01 | 80.71 | 5,995,036.91 | 2,184,215.72 | 98.49 | 99.22 | 99.13 | 99.17 | 99.10 | 99.29 | 99.16 |
| 36+48.29 | 80.78 | 5,995,038.28 | 2,184,218.70 | 98.48 | 99.22 | 99.14 | 99.24 | 99.04 | 99.29 | 99.16 |
| 36+51.57 | 80.84 | 5,995,039.61 | 2,184,221.71 | 98.47 | 99.22 | 99.15 | 99.22 | 99.07 | 99.28 | 99.16 |
| 36+54.86 | 80.91 | 5,995,040.98 | 2,184,224.69 | 98.46 | 99.22 | 99.14 | 99.19 | 99.09 | 99.27 | 99.18 |
| 36+58.14 | 81.00 | 5,995,042.35 | 2,184,227.66 | 98.44 | 99.19 | 99.11 | 99.15 | 99.07 | 99.21 | 99.17 |
| 36+61.42 | 81.10 | 5,995,043.71 | 2,184,230.64 | 98.43 | 99.16 | 99.10 | 99.12 | 99.08 | 99.18 | 99.14 |
| 36+64.70 | 81.21 | 5,995,045.11 | 2,184,233.61 | 98.41 | 99.10 | 99.07 | 99.08 | 99.07 | 99.16 | 99.05 |
| 36+67.98 | 81.33 | 5,995,046.51 | 2,184,236.59 | 98.39 | 99.09 | 99.04 | 99.05 | 99.04 | 99.18 | 99.01 |
| 36+71.26 | 81.44 | 5,995,047.91 | 2,184,239.53 | 98.37 | 99.10 | 99.03 | 99.04 | 99.03 | 99.19 | 99.02 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 36+74.54 | 81.55 | 5,995,049.31 | 2,184,242.51 | 98.35 | 99.10 | 99.05 | 99.06 | 99.04 | 99.15 | 99.05 |
| 36+77.82 | 81.67 | 5,995,050.71 | 2,184,245.49 | 98.33 | 99.10 | 99.06 | 99.04 | 99.09 | 99.13 | 99.06 |
| 36+81.10 | 81.78 | 5,995,052.11 | 2,184,248.46 | 98.31 | 99.06 | 99.06 | 99.03 | 99.09 | 99.09 | 99.04 |
| 36+84.38 | 81.89 | 5,995,053.51 | 2,184,251.44 | 98.29 | 99.05 | 99.03 | 98.99 | 99.06 | 99.08 | 99.02 |
| 36+87.66 | 81.98 | 5,995,054.88 | 2,184,254.42 | 98.28 | 99.02 | 98.99 | 98.99 | 98.98 | 99.05 | 98.98 |
| 36+90.94 | 82.06 | 5,995,056.24 | 2,184,257.39 | 98.28 | 99.01 | 98.95 | 98.98 | 98.92 | 99.06 | 98.95 |
| 36+94.23 | 82.15 | 5,995,057.61 | 2,184,260.37 | 98.28 | 98.99 | 98.95 | 98.98 | 98.92 | 99.04 | 98.94 |
| 36+97.51 | 82.23 | 5,995,058.98 | 2,184,263.35 | 98.28 | 99.01 | 98.95 | 99.02 | 98.88 | 99.06 | 98.95 |
| 37+00.79 | 82.31 | 5,995,060.34 | 2,184,266.32 | 98.28 | 99.02 | 98.96 | 99.06 | 98.86 | 99.06 | 98.97 |
| 37+04.07 | 82.39 | 5,995,061.71 | 2,184,269.33 | 98.28 | 99.04 | 98.99 | 99.11 | 98.86 | 99.09 | 98.98 |
| 37+07.35 | 82.47 | 5,995,063.08 | 2,184,272.31 | 98.28 | 99.04 | 99.04 | 99.15 | 98.93 | 99.09 | 98.98 |
| 37+10.63 | 82.57 | 5,995,064.48 | 2,184,275.29 | 98.28 | 99.06 | 99.06 | 99.14 | 98.97 | 99.10 | 99.01 |
| 37+13.91 | 82.68 | 5,995,065.87 | 2,184,278.26 | 98.28 | 99.06 | 99.04 | 99.14 | 98.95 | 99.10 | 99.01 |
| 37+17.19 | 82.82 | 5,995,067.27 | 2,184,281.21 | 98.28 | 99.07 | 99.04 | 99.11 | 98.97 | 99.12 | 99.03 |
| 37+20.47 | 82.97 | 5,995,068.71 | 2,184,284.15 | 98.28 | 99.07 | 99.06 | 99.14 | 98.97 | 99.12 | 99.03 |
| 37+23.75 | 83.11 | 5,995,070.14 | 2,184,287.13 | 98.28 | 99.09 | 99.02 | 99.06 | 98.97 | 99.11 | 99.06 |
| 37+27.03 | 83.26 | 5,995,071.57 | 2,184,290.07 | 98.28 | 99.07 | 99.00 | 99.01 | 98.99 | 99.08 | 99.07 |
| 37+30.31 | 83.41 | 5,995,073.00 | 2,184,293.01 | 98.28 | 99.06 | 99.03 | 98.98 | 99.07 | 99.06 | 99.07 |
| 37+33.60 | 83.55 | 5,995,074.43 | 2,184,295.99 | 98.28 | 99.05 | 99.07 | 99.03 | 99.12 | 99.05 | 99.05 |
| 37+36.88 | 83.70 | 5,995,075.83 | 2,184,298.93 | 98.28 | 99.04 | 99.06 | 99.04 | 99.09 | 99.05 | 99.03 |
| 37+40.16 | 83.84 | 5,995,077.27 | 2,184,301.91 | 98.27 | 99.03 | 99.03 | 99.02 | 99.04 | 99.05 | 99.01 |
| 37+43.44 | 83.98 | 5,995,078.70 | 2,184,304.85 | 98.26 | 99.02 | 99.00 | 99.01 | 98.99 | 99.04 | 98.99 |
| 37+46.72 | 84.11 | 5,995,080.10 | 2,184,307.83 | 98.24 | 98.98 | 99.01 | 99.01 | 99.02 | 98.98 | 98.97 |
| 37+50.00 | 84.25 | 5,995,081.53 | 2,184,310.77 | 98.22 | 98.96 | 98.98 | 98.95 | 99.02 | 98.96 | 98.95 |
| 37+53.28 | 84.39 | 5,995,082.93 | 2,184,313.75 | 98.20 | 98.94 | 98.92 | 98.85 | 98.98 | 98.94 | 98.94 |
| 37+56.56 | 84.52 | 5,995,084.36 | 2,184,316.69 | 98.18 | 98.93 | 98.88 | 98.85 | 98.92 | 98.95 | 98.92 |
| 37+59.84 | 84.66 | 5,995,085.79 | 2,184,319.63 | 98.16 | 98.89 | 98.85 | 98.83 | 98.87 | 98.91 | 98.88 |
| 37+63.12 | 84.80 | 5,995,087.19 | 2,184,322.61 | 98.14 | 98.85 | 98.86 | 98.86 | 98.85 | 98.86 | 98.84 |
| 37+66.40 | 84.93 | 5,995,088.63 | 2,184,325.59 | 98.13 | 98.84 | 98.84 | 98.82 | 98.85 | 98.84 | 98.84 |
| 37+69.69 | 85.06 | 5,995,090.02 | 2,184,328.53 | 98.12 | 98.85 | 98.83 | 98.84 | 98.82 | 98.84 | 98.86 |
| 37+72.97 | 85.18 | 5,995,091.42 | 2,184,331.51 | 98.11 | 98.87 | 98.81 | 98.80 | 98.82 | 98.84 | 98.91 |
| 37+76.25 | 85.30 | 5,995,092.82 | 2,184,334.48 | 98.11 | 98.89 | 98.81 | 98.82 | 98.81 | 98.86 | 98.93 |
| 37+79.53 | 85.42 | 5,995,094.22 | 2,184,337.43 | 98.10 | 98.91 | 98.83 | 98.81 | 98.84 | 98.87 | 98.94 |
| 37+82.81 | 85.54 | 5,995,095.62 | 2,184,340.40 | 98.10 | 98.91 | 98.81 | 98.81 | 98.82 | 98.88 | 98.94 |
| 37+86.09 | 85.66 | 5,995,097.02 | 2,184,343.38 | 98.10 | 98.88 | 98.80 | 98.81 | 98.80 | 98.87 | 98.89 |
| 37+89.37 | 85.78 | 5,995,098.45 | 2,184,346.32 | 98.09 | 98.85 | 98.80 | 98.80 | 98.80 | 98.83 | 98.87 |
| 37+92.65 | 85.90 | 5,995,099.85 | 2,184,349.30 | 98.09 | 98.83 | 98.84 | 98.86 | 98.82 | 98.82 | 98.83 |
| 37+95.93 | 86.02 | 5,995,101.25 | 2,184,352.28 | 98.08 | 98.80 | 98.81 | 98.84 | 98.78 | 98.79 | 98.81 |
| 37+99.21 | 86.14 | 5,995,102.65 | 2,184,355.22 | 98.08 | 98.80 | 98.81 | 98.86 | 98.76 | 98.81 | 98.79 |
| 38+02.49 | 86.26 | 5,995,104.05 | 2,184,358.20 | 98.08 | 98.80 | 98.81 | 98.88 | 98.74 | 98.81 | 98.79 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 38+05.77 | 86.38 | 5,995,105.45 | 2,184,361.17 | 98.07 | 98.81 | 98.85 | 98.89 | 98.80 | 98.82 | 98.81 |
| 38+09.06 | 86.50 | 5,995,106.85 | 2,184,364.12 | 98.07 | 98.79 | 98.84 | 98.91 | 98.76 | 98.80 | 98.79 |
| 38+12.34 | 86.62 | 5,995,108.25 | 2,184,367.09 | 98.06 | 98.75 | 98.79 | 98.84 | 98.74 | 98.75 | 98.75 |
| 38+15.62 | 86.74 | 5,995,109.65 | 2,184,370.07 | 98.06 | 98.71 | 98.75 | 98.80 | 98.71 | 98.71 | 98.72 |
| 38+18.90 | 86.87 | 5,995,111.08 | 2,184,373.04 | 98.05 | 98.71 | 98.73 | 98.78 | 98.68 | 98.70 | 98.73 |
| 38+22.18 | 87.01 | 5,995,112.48 | 2,184,375.99 | 98.05 | 98.73 | 98.73 | 98.81 | 98.65 | 98.71 | 98.75 |
| 38+25.46 | 87.18 | 5,995,113.94 | 2,184,378.93 | 98.04 | 98.78 | 98.74 | 98.82 | 98.65 | 98.74 | 98.81 |
| 38+28.74 | 87.36 | 5,995,115.41 | 2,184,381.87 | 98.03 | 98.81 | 98.76 | 98.79 | 98.74 | 98.76 | 98.85 |
| 38+32.02 | 87.54 | 5,995,116.84 | 2,184,384.82 | 98.02 | 98.82 | 98.76 | 98.71 | 98.81 | 98.79 | 98.85 |
| 38+35.30 | 87.72 | 5,995,118.31 | 2,184,387.76 | 98.00 | 98.81 | 98.71 | 98.66 | 98.76 | 98.76 | 98.85 |
| 38+38.58 | 87.90 | 5,995,119.77 | 2,184,390.70 | 97.99 | 98.79 | 98.67 | 98.65 | 98.70 | 98.75 | 98.82 |
| 38+41.86 | 88.08 | 5,995,121.24 | 2,184,393.65 | 97.98 | 98.77 | 98.66 | 98.65 | 98.68 | 98.73 | 98.81 |
| 38+45.14 | 88.25 | 5,995,122.67 | 2,184,396.59 | 97.97 | 98.71 | 98.67 | 98.63 | 98.71 | 98.72 | 98.71 |
| 38+48.43 | 88.43 | 5,995,124.13 | 2,184,399.53 | 97.96 | 98.68 | 98.68 | 98.65 | 98.71 | 98.68 | 98.69 |
| 38+51.71 | 88.58 | 5,995,125.57 | 2,184,402.48 | 97.95 | 98.66 | 98.68 | 98.68 | 98.69 | 98.66 | 98.66 |
| 38+54.99 | 88.72 | 5,995,127.00 | 2,184,405.42 | 97.95 | 98.70 | 98.71 | 98.74 | 98.68 | 98.68 | 98.73 |
| 38+58.27 | 88.86 | 5,995,128.40 | 2,184,408.40 | 97.94 | 98.72 | 98.73 | 98.75 | 98.70 | 98.71 | 98.73 |
| 38+61.55 | 89.01 | 5,995,129.83 | 2,184,411.34 | 97.94 | 98.73 | 98.66 | 98.68 | 98.65 | 98.72 | 98.73 |
| 38+64.83 | 89.15 | 5,995,131.26 | 2,184,414.32 | 97.94 | 98.71 | 98.62 | 98.62 | 98.62 | 98.70 | 98.72 |
| 38+68.11 | 89.29 | 5,995,132.66 | 2,184,417.26 | 97.93 | 98.65 | 98.58 | 98.57 | 98.60 | 98.65 | 98.66 |
| 38+71.39 | 89.43 | 5,995,134.09 | 2,184,420.20 | 97.93 | 98.62 | 98.62 | 98.62 | 98.62 | 98.59 | 98.65 |
| 38+74.67 | 89.57 | 5,995,135.52 | 2,184,423.18 | 97.92 | 98.58 | 98.64 | 98.61 | 98.67 | 98.58 | 98.59 |
| 38+77.95 | 89.72 | 5,995,136.96 | 2,184,426.12 | 97.91 | 98.59 | 98.62 | 98.65 | 98.59 | 98.58 | 98.60 |
| 38+81.23 | 89.87 | 5,995,138.39 | 2,184,429.10 | 97.90 | 98.59 | 98.63 | 98.63 | 98.63 | 98.60 | 98.58 |
| 38+84.51 | 90.03 | 5,995,139.82 | 2,184,432.04 | 97.88 | 98.57 | 98.61 | 98.65 | 98.57 | 98.57 | 98.58 |
| 38+87.80 | 90.18 | 5,995,141.25 | 2,184,434.99 | 97.87 | 98.56 | 98.60 | 98.59 | 98.60 | 98.56 | 98.56 |
| 38+91.08 | 90.33 | 5,995,142.69 | 2,184,437.93 | 97.85 | 98.52 | 98.52 | 98.56 | 98.48 | 98.50 | 98.55 |
| 38+94.36 | 90.49 | 5,995,144.12 | 2,184,440.91 | 97.83 | 98.49 | 98.49 | 98.55 | 98.44 | 98.47 | 98.51 |
| 38+97.64 | 90.64 | 5,995,145.55 | 2,184,443.85 | 97.82 | 98.50 | 98.45 | 98.53 | 98.36 | 98.47 | 98.52 |
| 39+00.92 | 90.79 | 5,995,146.98 | 2,184,446.79 | 97.81 | 98.50 | 98.46 | 98.57 | 98.35 | 98.48 | 98.52 |
| 39+04.20 | 90.96 | 5,995,148.41 | 2,184,449.74 | 97.79 | 98.52 | 98.43 | 98.49 | 98.37 | 98.50 | 98.53 |
| 39+07.48 | 91.15 | 5,995,149.88 | 2,184,452.68 | 97.78 | 98.51 | 98.48 | 98.51 | 98.46 | 98.49 | 98.53 |
| 39+10.76 | 91.35 | 5,995,151.38 | 2,184,455.62 | 97.78 | 98.51 | 98.52 | 98.47 | 98.58 | 98.50 | 98.52 |
| 39+14.04 | 91.55 | 5,995,152.84 | 2,184,458.53 | 97.77 | 98.51 | 98.55 | 98.53 | 98.56 | 98.50 | 98.52 |
| 39+17.32 | 91.75 | 5,995,154.31 | 2,184,461.47 | 97.76 | 98.47 | 98.48 | 98.48 | 98.49 | 98.47 | 98.48 |
| 39+20.60 | 91.95 | 5,995,155.80 | 2,184,464.42 | 97.75 | 98.44 | 98.44 | 98.48 | 98.40 | 98.43 | 98.45 |
| 39+23.88 | 92.15 | 5,995,157.27 | 2,184,467.33 | 97.74 | 98.43 | 98.40 | 98.43 | 98.37 | 98.42 | 98.44 |
| 39+27.17 | 92.35 | 5,995,158.73 | 2,184,470.27 | 97.74 | 98.45 | 98.41 | 98.39 | 98.43 | 98.45 | 98.46 |
| 39+30.45 | 92.56 | 5,995,160.20 | 2,184,473.21 | 97.73 | 98.46 | 98.40 | 98.37 | 98.43 | 98.45 | 98.48 |
| 39+33.73 | 92.76 | 5,995,161.69 | 2,184,476.12 | 97.72 | 98.45 | 98.39 | 98.30 | 98.47 | 98.44 | 98.47 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 39+37.01 | 92.96 | 5,995,163.16 | 2,184,479.07 | 97.71 | 98.43 | 98.35 | 98.27 | 98.43 | 98.40 | 98.46 |
| 39+40.29 | 93.17 | 5,995,164.66 | 2,184,481.98 | 97.70 | 98.42 | 98.38 | 98.30 | 98.46 | 98.39 | 98.45 |
| 39+43.57 | 93.37 | 5,995,166.12 | 2,184,484.92 | 97.70 | 98.39 | 98.39 | 98.33 | 98.45 | 98.36 | 98.42 |
| 39+46.85 | 93.58 | 5,995,167.62 | 2,184,487.86 | 97.69 | 98.34 | 98.40 | 98.33 | 98.47 | 98.33 | 98.36 |
| 39+50.13 | 93.78 | 5,995,169.08 | 2,184,490.77 | 97.68 | 98.33 | 98.37 | 98.26 | 98.47 | 98.32 | 98.34 |
| 39+53.41 | 93.99 | 5,995,170.55 | 2,184,493.72 | 97.67 | 98.32 | 98.34 | 98.24 | 98.45 | 98.29 | 98.34 |
| 39+56.69 | 94.19 | 5,995,172.05 | 2,184,496.63 | 97.66 | 98.34 | 98.34 | 98.26 | 98.42 | 98.30 | 98.37 |
| 39+59.97 | 94.38 | 5,995,173.51 | 2,184,499.57 | 97.66 | 98.33 | 98.30 | 98.25 | 98.35 | 98.30 | 98.36 |
| 39+63.25 | 94.55 | 5,995,174.94 | 2,184,502.51 | 97.65 | 98.34 | 98.33 | 98.30 | 98.35 | 98.32 | 98.36 |
| 39+66.54 | 94.73 | 5,995,176.41 | 2,184,505.46 | 97.64 | 98.32 | 98.33 | 98.30 | 98.36 | 98.27 | 98.37 |
| 39+69.82 | 94.90 | 5,995,177.87 | 2,184,508.40 | 97.63 | 98.30 | 98.35 | 98.29 | 98.42 | 98.24 | 98.37 |
| 39+73.10 | 95.07 | 5,995,179.31 | 2,184,511.34 | 97.62 | 98.29 | 98.36 | 98.32 | 98.40 | 98.23 | 98.35 |
| 39+76.38 | 95.25 | 5,995,180.77 | 2,184,514.29 | 97.62 | 98.27 | 98.34 | 98.30 | 98.37 | 98.24 | 98.30 |
| 39+79.66 | 95.42 | 5,995,182.20 | 2,184,517.23 | 97.61 | 98.25 | 98.29 | 98.30 | 98.28 | 98.23 | 98.28 |
| 39+82.94 | 95.59 | 5,995,183.67 | 2,184,520.17 | 97.60 | 98.23 | 98.25 | 98.26 | 98.24 | 98.21 | 98.25 |
| 39+86.22 | 95.78 | 5,995,185.13 | 2,184,523.12 | 97.60 | 98.22 | 98.19 | 98.25 | 98.13 | 98.21 | 98.23 |
| 39+89.50 | 95.98 | 5,995,186.60 | 2,184,526.03 | 97.59 | 98.21 | 98.16 | 98.24 | 98.09 | 98.21 | 98.21 |
| 39+92.78 | 96.20 | 5,995,188.09 | 2,184,528.97 | 97.58 | 98.20 | 98.14 | 98.20 | 98.07 | 98.20 | 98.20 |
| 39+96.06 | 96.43 | 5,995,189.59 | 2,184,531.88 | 97.57 | 98.19 | 98.17 | 98.20 | 98.14 | 98.19 | 98.19 |
| 39+99.34 | 96.65 | 5,995,191.09 | 2,184,534.82 | 97.56 | 98.18 | 98.20 | 98.22 | 98.17 | 98.16 | 98.20 |
| 40+02.62 | 96.87 | 5,995,192.59 | 2,184,537.73 | 97.56 | 98.20 | 98.16 | 98.23 | 98.10 | 98.17 | 98.22 |
| 40+05.91 | 97.09 | 5,995,194.08 | 2,184,540.64 | 97.55 | 98.19 | 98.13 | 98.22 | 98.04 | 98.16 | 98.21 |
| 40+09.19 | 97.31 | 5,995,195.58 | 2,184,543.59 | 97.54 | 98.20 | 98.13 | 98.20 | 98.06 | 98.17 | 98.22 |
| 40+12.47 | 97.53 | 5,995,197.05 | 2,184,546.50 | 97.53 | 98.18 | 98.19 | 98.24 | 98.13 | 98.13 | 98.23 |
| 40+15.75 | 97.74 | 5,995,198.54 | 2,184,549.41 | 97.53 | 98.17 | 98.24 | 98.24 | 98.25 | 98.10 | 98.24 |
| 40+19.03 | 97.95 | 5,995,200.04 | 2,184,552.35 | 97.52 | 98.15 | 98.21 | 98.25 | 98.17 | 98.07 | 98.22 |
| 40+22.31 | 98.16 | 5,995,201.51 | 2,184,555.29 | 97.51 | 98.13 | 98.19 | 98.21 | 98.16 | 98.07 | 98.19 |
| 40+25.59 | 98.36 | 5,995,202.97 | 2,184,558.20 | 97.50 | 98.15 | 98.12 | 98.22 | 98.02 | 98.13 | 98.17 |
| 40+28.87 | 98.57 | 5,995,204.47 | 2,184,561.14 | 97.49 | 98.15 | 98.18 | 98.25 | 98.11 | 98.14 | 98.16 |
| 40+32.15 | 98.77 | 5,995,205.93 | 2,184,564.05 | 97.49 | 98.16 | 98.22 | 98.26 | 98.17 | 98.16 | 98.15 |
| 40+35.43 | 98.98 | 5,995,207.43 | 2,184,567.00 | 97.48 | 98.15 | 98.28 | 98.28 | 98.27 | 98.13 | 98.17 |
| 40+38.71 | 99.18 | 5,995,208.90 | 2,184,569.91 | 97.47 | 98.16 | 98.26 | 98.26 | 98.26 | 98.14 | 98.17 |
| 40+41.99 | 99.41 | 5,995,210.39 | 2,184,572.85 | 97.45 | 98.18 | 98.22 | 98.23 | 98.22 | 98.16 | 98.20 |
| 40+45.28 | 99.65 | 5,995,211.92 | 2,184,575.76 | 97.43 | 98.18 | 98.19 | 98.23 | 98.15 | 98.20 | 98.16 |
| 40+48.56 | 99.90 | 5,995,213.42 | 2,184,578.67 | 97.41 | 98.18 | 98.20 | 98.24 | 98.15 | 98.20 | 98.16 |
| 40+51.84 | ##### | 5,995,214.95 | 2,184,581.58 | 97.39 | 98.17 | 98.22 | 98.26 | 98.17 | 98.17 | 98.16 |
| 40+55.12 | ##### | 5,995,216.48 | 2,184,584.49 | 97.37 | 98.17 | 98.16 | 98.19 | 98.14 | 98.14 | 98.20 |
| 40+58.40 | ##### | 5,995,217.98 | 2,184,587.40 | 97.35 | 98.18 | 98.07 | 98.10 | 98.05 | 98.13 | 98.23 |
| 40+61.68 | ##### | 5,995,219.51 | 2,184,590.31 | 97.32 | 98.17 | 98.02 | 98.04 | 97.99 | 98.11 | 98.23 |
| 40+64.96 | ##### | 5,995,221.04 | 2,184,593.22 | 97.30 | 98.15 | 98.02 | 98.05 | 98.00 | 98.10 | 98.21 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 40+68.24 | #### | 5,995,222.54 | 2,184,596.13 | 97.28 | 98.12 | 98.01 | 98.03 | 97.99 | 98.07 | 98.17 |
| 40+71.52 | #### | 5,995,224.07 | 2,184,599.01 | 97.27 | 98.12 | 98.05 | 98.07 | 98.03 | 98.08 | 98.16 |
| 40+74.80 | #### | 5,995,225.63 | 2,184,601.92 | 97.27 | 98.11 | 98.06 | 98.12 | 98.00 | 98.09 | 98.13 |
| 40+78.08 | #### | 5,995,227.16 | 2,184,604.83 | 97.27 | 98.12 | 98.15 | 98.21 | 98.10 | 98.11 | 98.12 |
| 40+81.36 | #### | 5,995,228.69 | 2,184,607.70 | 97.27 | 98.10 | 98.15 | 98.19 | 98.12 | 98.12 | 98.09 |
| 40+84.65 | #### | 5,995,230.22 | 2,184,610.61 | 97.27 | 98.08 | 98.16 | 98.12 | 98.21 | 98.07 | 98.09 |
| 40+87.93 | #### | 5,995,231.78 | 2,184,613.52 | 97.27 | 98.06 | 98.07 | 98.03 | 98.12 | 98.04 | 98.09 |
| 40+91.21 | #### | 5,995,233.31 | 2,184,616.40 | 97.27 | 98.05 | 98.02 | 97.96 | 98.07 | 98.01 | 98.10 |
| 40+94.49 | #### | 5,995,234.84 | 2,184,619.31 | 97.27 | 98.07 | 98.01 | 97.99 | 98.03 | 98.02 | 98.13 |
| 40+97.77 | #### | 5,995,236.37 | 2,184,622.22 | 97.27 | 98.06 | 98.04 | 98.04 | 98.03 | 98.01 | 98.11 |
| 41+01.05 | #### | 5,995,237.87 | 2,184,625.13 | 97.28 | 98.04 | 97.99 | 98.00 | 97.98 | 98.01 | 98.07 |
| 41+04.33 | #### | 5,995,239.37 | 2,184,628.07 | 97.30 | 98.02 | 97.99 | 97.98 | 98.00 | 98.01 | 98.03 |
| 41+07.61 | #### | 5,995,240.83 | 2,184,630.98 | 97.31 | 98.04 | 98.02 | 97.97 | 98.06 | 98.05 | 98.03 |
| 41+10.89 | #### | 5,995,242.33 | 2,184,633.93 | 97.33 | 98.07 | 98.14 | 98.12 | 98.16 | 98.09 | 98.05 |
| 41+14.17 | #### | 5,995,243.83 | 2,184,636.84 | 97.35 | 98.09 | 98.16 | 98.14 | 98.19 | 98.10 | 98.09 |
| 41+17.45 | #### | 5,995,245.29 | 2,184,639.78 | 97.36 | 98.07 | 98.16 | 98.17 | 98.15 | 98.05 | 98.10 |
| 41+20.73 | #### | 5,995,246.79 | 2,184,642.69 | 97.38 | 98.05 | 98.15 | 98.14 | 98.15 | 98.01 | 98.10 |
| 41+24.02 | #### | 5,995,248.29 | 2,184,645.60 | 97.38 | 98.02 | 98.16 | 98.16 | 98.15 | 97.98 | 98.06 |
| 41+27.30 | #### | 5,995,249.79 | 2,184,648.54 | 97.36 | 98.00 | 98.14 | 98.14 | 98.13 | 97.97 | 98.03 |
| 41+30.58 | #### | 5,995,251.32 | 2,184,651.45 | 97.31 | 97.98 | 98.04 | 98.07 | 98.00 | 97.94 | 98.01 |
| 41+33.86 | #### | 5,995,252.81 | 2,184,654.36 | 97.26 | 97.97 | 97.94 | 97.97 | 97.91 | 97.94 | 98.00 |
| 41+37.14 | #### | 5,995,254.34 | 2,184,657.24 | 97.21 | 97.97 | 97.92 | 97.93 | 97.91 | 97.94 | 97.99 |
| 41+40.42 | #### | 5,995,255.87 | 2,184,660.15 | 97.16 | 97.97 | 97.97 | 97.99 | 97.96 | 97.94 | 97.99 |
| 41+43.70 | #### | 5,995,257.40 | 2,184,663.06 | 97.11 | 97.96 | 97.97 | 97.99 | 97.96 | 97.91 | 98.00 |
| 41+46.98 | #### | 5,995,258.90 | 2,184,665.97 | 97.06 | 97.96 | 97.93 | 97.94 | 97.91 | 97.89 | 98.02 |
| 41+50.26 | #### | 5,995,260.43 | 2,184,668.88 | 97.01 | 97.93 | 97.91 | 97.88 | 97.94 | 97.87 | 98.00 |
| 41+53.54 | #### | 5,995,261.96 | 2,184,671.79 | 96.98 | 97.91 | 97.99 | 97.94 | 98.04 | 97.86 | 97.96 |
| 41+56.82 | #### | 5,995,263.49 | 2,184,674.70 | 96.96 | 97.88 | 98.09 | 97.99 | 98.19 | 97.84 | 97.91 |
| 41+60.10 | #### | 5,995,265.02 | 2,184,677.58 | 96.96 | 97.89 | 98.13 | 98.03 | 98.23 | 97.84 | 97.93 |
| 41+63.39 | #### | 5,995,266.59 | 2,184,680.49 | 96.95 | 97.89 | 98.11 | 98.01 | 98.21 | 97.83 | 97.94 |
| 41+66.67 | #### | 5,995,268.12 | 2,184,683.40 | 96.94 | 97.87 | 98.06 | 97.94 | 98.17 | 97.80 | 97.93 |
| 41+69.95 | #### | 5,995,269.65 | 2,184,686.27 | 96.93 | 97.83 | 97.93 | 97.82 | 98.04 | 97.76 | 97.90 |
| 41+73.23 | #### | 5,995,271.18 | 2,184,689.18 | 96.92 | 97.82 | 97.83 | 97.74 | 97.92 | 97.75 | 97.89 |
| 41+76.51 | #### | 5,995,272.71 | 2,184,692.09 | 96.92 | 97.81 | 97.70 | 97.67 | 97.74 | 97.74 | 97.88 |
| 41+79.79 | #### | 5,995,274.27 | 2,184,694.97 | 96.90 | 97.81 | 97.69 | 97.67 | 97.71 | 97.75 | 97.88 |
| 41+83.07 | #### | 5,995,275.80 | 2,184,697.88 | 96.88 | 97.80 | 97.68 | 97.66 | 97.69 | 97.74 | 97.86 |
| 41+86.35 | #### | 5,995,277.36 | 2,184,700.76 | 96.85 | 97.78 | 97.61 | 97.63 | 97.60 | 97.70 | 97.84 |
| 41+89.63 | #### | 5,995,278.93 | 2,184,703.66 | 96.81 | 97.75 | 97.58 | 97.61 | 97.55 | 97.68 | 97.81 |
| 41+92.91 | #### | 5,995,280.49 | 2,184,706.54 | 96.78 | 97.73 | 97.55 | 97.58 | 97.52 | 97.66 | 97.80 |
| 41+96.19 | #### | 5,995,282.05 | 2,184,709.42 | 96.75 | 97.75 | 97.64 | 97.60 | 97.68 | 97.70 | 97.80 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 41+99.48 | #### | 5,995,283.61 | 2,184,712.30 | 96.71 | 97.77 | 97.76 | 97.67 | 97.84 | 97.73 | 97.81 |
| 42+02.76 | #### | 5,995,285.18 | 2,184,715.20 | 96.67 | 97.81 | 97.89 | 97.76 | 98.03 | 97.76 | 97.86 |
| 42+06.04 | #### | 5,995,286.74 | 2,184,718.08 | 96.64 | 97.80 | 97.96 | 97.78 | 98.13 | 97.74 | 97.86 |
| 42+09.32 | #### | 5,995,288.30 | 2,184,720.96 | 96.63 | 97.78 | 97.96 | 97.79 | 98.13 | 97.73 | 97.82 |
| 42+12.60 | #### | 5,995,289.87 | 2,184,723.87 | 96.62 | 97.75 | 97.92 | 97.79 | 98.04 | 97.70 | 97.79 |
| 42+15.88 | #### | 5,995,291.40 | 2,184,726.75 | 96.63 | 97.75 | 97.85 | 97.75 | 97.95 | 97.71 | 97.79 |
| 42+19.16 | #### | 5,995,292.96 | 2,184,729.65 | 96.64 | 97.75 | 97.76 | 97.67 | 97.84 | 97.69 | 97.81 |
| 42+22.44 | #### | 5,995,294.49 | 2,184,732.53 | 96.64 | 97.73 | 97.64 | 97.54 | 97.75 | 97.66 | 97.80 |
| 42+25.72 | #### | 5,995,296.05 | 2,184,735.44 | 96.65 | 97.72 | 97.60 | 97.51 | 97.69 | 97.65 | 97.79 |
| 42+29.00 | #### | 5,995,297.58 | 2,184,738.32 | 96.66 | 97.71 | 97.64 | 97.52 | 97.76 | 97.67 | 97.76 |
| 42+32.28 | #### | 5,995,299.15 | 2,184,741.23 | 96.66 | 97.71 | 97.72 | 97.58 | 97.86 | 97.67 | 97.75 |
| 42+35.56 | #### | 5,995,300.68 | 2,184,744.11 | 96.67 | 97.70 | 97.71 | 97.54 | 97.88 | 97.64 | 97.76 |
| 42+38.85 | #### | 5,995,302.24 | 2,184,747.01 | 96.69 | 97.68 | 97.71 | 97.55 | 97.86 | 97.58 | 97.77 |
| 42+42.13 | #### | 5,995,303.77 | 2,184,749.92 | 96.70 | 97.65 | 97.69 | 97.54 | 97.85 | 97.56 | 97.75 |
| 42+45.41 | #### | 5,995,305.27 | 2,184,752.83 | 96.73 | 97.64 | 97.77 | 97.66 | 97.88 | 97.56 | 97.73 |
| 42+48.69 | #### | 5,995,306.80 | 2,184,755.74 | 96.75 | 97.66 | 97.73 | 97.63 | 97.84 | 97.60 | 97.74 |
| 42+51.97 | #### | 5,995,308.33 | 2,184,758.62 | 96.77 | 97.68 | 97.67 | 97.60 | 97.74 | 97.60 | 97.75 |
| 42+55.25 | #### | 5,995,309.86 | 2,184,761.53 | 96.79 | 97.66 | 97.58 | 97.50 | 97.66 | 97.60 | 97.74 |
| 42+58.53 | #### | 5,995,311.35 | 2,184,764.44 | 96.81 | 97.63 | 97.52 | 97.46 | 97.58 | 97.56 | 97.70 |
| 42+61.81 | #### | 5,995,312.88 | 2,184,767.35 | 96.82 | 97.62 | 97.49 | 97.39 | 97.60 | 97.54 | 97.70 |
| 42+65.09 | #### | 5,995,314.38 | 2,184,770.29 | 96.80 | 97.61 | 97.46 | 97.40 | 97.53 | 97.52 | 97.71 |
| 42+68.37 | #### | 5,995,315.88 | 2,184,773.20 | 96.77 | 97.61 | 97.42 | 97.32 | 97.53 | 97.52 | 97.70 |
| 42+71.65 | #### | 5,995,317.34 | 2,184,776.15 | 96.73 | 97.60 | 97.39 | 97.34 | 97.43 | 97.53 | 97.66 |
| 42+74.93 | #### | 5,995,318.81 | 2,184,779.06 | 96.68 | 97.57 | 97.35 | 97.31 | 97.39 | 97.53 | 97.61 |
| 42+78.22 | #### | 5,995,320.31 | 2,184,782.00 | 96.64 | 97.56 | 97.42 | 97.37 | 97.48 | 97.51 | 97.60 |
| 42+81.50 | #### | 5,995,321.77 | 2,184,784.94 | 96.60 | 97.55 | 97.56 | 97.46 | 97.65 | 97.48 | 97.60 |
| 42+84.78 | #### | 5,995,323.24 | 2,184,787.85 | 96.56 | 97.55 | 97.73 | 97.60 | 97.86 | 97.50 | 97.60 |
| 42+88.06 | #### | 5,995,324.73 | 2,184,790.80 | 96.52 | 97.58 | 97.78 | 97.66 | 97.90 | 97.53 | 97.63 |
| 42+91.34 | #### | 5,995,326.20 | 2,184,793.74 | 96.51 | 97.60 | 97.82 | 97.66 | 97.99 | 97.56 | 97.64 |
| 42+94.62 | #### | 5,995,327.63 | 2,184,796.68 | 96.53 | 97.61 | 97.86 | 97.69 | 98.02 | 97.56 | 97.66 |
| 42+97.90 | #### | 5,995,329.06 | 2,184,799.63 | 96.57 | 97.60 | 97.89 | 97.74 | 98.05 | 97.55 | 97.65 |
| 43+01.18 | #### | 5,995,330.53 | 2,184,802.57 | 96.61 | 97.58 | 97.89 | 97.74 | 98.04 | 97.52 | 97.65 |
| 43+04.46 | #### | 5,995,331.96 | 2,184,805.51 | 96.65 | 97.55 | 97.87 | 97.68 | 98.06 | 97.47 | 97.61 |
| 43+07.74 | #### | 5,995,333.39 | 2,184,808.46 | 96.69 | 97.52 | 97.79 | 97.57 | 98.00 | 97.44 | 97.60 |
| 43+11.02 | #### | 5,995,334.86 | 2,184,811.40 | 96.73 | 97.51 | 97.66 | 97.51 | 97.82 | 97.43 | 97.60 |
| 43+14.30 | #### | 5,995,336.29 | 2,184,814.38 | 96.76 | 97.52 | 97.64 | 97.52 | 97.77 | 97.44 | 97.60 |
| 43+17.59 | #### | 5,995,337.72 | 2,184,817.32 | 96.76 | 97.52 | 97.68 | 97.57 | 97.78 | 97.44 | 97.60 |
| 43+20.87 | #### | 5,995,339.12 | 2,184,820.30 | 96.75 | 97.51 | 97.66 | 97.53 | 97.80 | 97.44 | 97.58 |
| 43+24.15 | #### | 5,995,340.55 | 2,184,823.24 | 96.74 | 97.52 | 97.52 | 97.37 | 97.68 | 97.44 | 97.60 |
| 43+27.43 | #### | 5,995,341.95 | 2,184,826.18 | 96.73 | 97.49 | 97.47 | 97.37 | 97.57 | 97.39 | 97.60 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 43+30.71 | #### | 5,995,343.38 | 2,184,829.16 | 96.72 | 97.46 | 97.47 | 97.40 | 97.55 | 97.34 | 97.58 |
| 43+33.99 | #### | 5,995,344.82 | 2,184,832.10 | 96.70 | 97.44 | 97.52 | 97.47 | 97.56 | 97.31 | 97.57 |
| 43+37.27 | #### | 5,995,346.21 | 2,184,835.08 | 96.69 | 97.45 | 97.52 | 97.46 | 97.57 | 97.32 | 97.57 |
| 43+40.55 | #### | 5,995,347.65 | 2,184,838.02 | 96.68 | 97.45 | 97.50 | 97.45 | 97.56 | 97.33 | 97.56 |
| 43+43.83 | #### | 5,995,349.05 | 2,184,841.00 | 96.67 | 97.42 | 97.48 | 97.45 | 97.50 | 97.32 | 97.53 |
| 43+47.11 | #### | 5,995,350.48 | 2,184,843.94 | 96.66 | 97.40 | 97.47 | 97.42 | 97.53 | 97.33 | 97.47 |
| 43+50.39 | #### | 5,995,351.88 | 2,184,846.92 | 96.66 | 97.38 | 97.50 | 97.42 | 97.59 | 97.32 | 97.44 |
| 43+53.67 | #### | 5,995,353.24 | 2,184,849.89 | 96.69 | 97.37 | 97.49 | 97.40 | 97.58 | 97.31 | 97.42 |
| 43+56.96 | #### | 5,995,354.61 | 2,184,852.87 | 96.74 | 97.38 | 97.40 | 97.33 | 97.46 | 97.32 | 97.43 |
| 43+60.24 | #### | 5,995,355.98 | 2,184,855.88 | 96.78 | 97.39 | 97.35 | 97.32 | 97.39 | 97.33 | 97.44 |
| 43+63.52 | #### | 5,995,357.31 | 2,184,858.86 | 96.82 | 97.40 | 97.35 | 97.29 | 97.41 | 97.38 | 97.42 |
| 43+66.80 | #### | 5,995,358.68 | 2,184,861.83 | 96.86 | 97.39 | 97.42 | 97.39 | 97.45 | 97.38 | 97.40 |
| 43+70.08 | #### | 5,995,360.05 | 2,184,864.84 | 96.91 | 97.37 | 97.39 | 97.35 | 97.42 | 97.35 | 97.38 |
| 43+73.36 | #### | 5,995,361.41 | 2,184,867.82 | 96.95 | 97.34 | 97.40 | 97.38 | 97.42 | 97.32 | 97.37 |
| 43+76.64 | #### | 5,995,362.75 | 2,184,870.80 | 96.97 | 97.34 | 97.38 | 97.37 | 97.39 | 97.29 | 97.39 |
| 43+79.92 | #### | 5,995,364.08 | 2,184,873.81 | 96.97 | 97.34 | 97.40 | 97.42 | 97.39 | 97.29 | 97.40 |
| 43+83.20 | #### | 5,995,365.38 | 2,184,876.82 | 96.94 | 97.37 | 97.37 | 97.41 | 97.32 | 97.30 | 97.44 |
| 43+86.48 | #### | 5,995,366.65 | 2,184,879.86 | 96.91 | 97.34 | 97.35 | 97.39 | 97.32 | 97.25 | 97.43 |
| 43+89.76 | #### | 5,995,367.95 | 2,184,882.87 | 96.88 | 97.32 | 97.35 | 97.35 | 97.34 | 97.21 | 97.43 |
| 43+93.04 | #### | 5,995,369.25 | 2,184,885.88 | 96.85 | 97.28 | 97.35 | 97.35 | 97.34 | 97.16 | 97.41 |
| 43+96.33 | #### | 5,995,370.55 | 2,184,888.89 | 96.81 | 97.29 | 97.30 | 97.31 | 97.30 | 97.17 | 97.41 |
| 43+99.61 | #### | 5,995,371.85 | 2,184,891.90 | 96.78 | 97.28 | 97.28 | 97.29 | 97.28 | 97.18 | 97.39 |
| 44+02.89 | #### | 5,995,373.16 | 2,184,894.91 | 96.76 | 97.27 | 97.26 | 97.30 | 97.22 | 97.16 | 97.38 |
| 44+06.17 | #### | 5,995,374.46 | 2,184,897.92 | 96.73 | 97.25 | 97.29 | 97.32 | 97.27 | 97.14 | 97.37 |
| 44+09.45 | #### | 5,995,375.79 | 2,184,900.93 | 96.72 | 97.25 | 97.27 | 97.33 | 97.21 | 97.12 | 97.38 |
| 44+12.73 | #### | 5,995,377.09 | 2,184,903.94 | 96.70 | 97.26 | 97.28 | 97.29 | 97.27 | 97.16 | 97.37 |
| 44+16.01 | #### | 5,995,378.43 | 2,184,906.95 | 96.68 | 97.25 | 97.26 | 97.27 | 97.25 | 97.17 | 97.34 |
| 44+19.29 | #### | 5,995,379.76 | 2,184,909.93 | 96.67 | 97.24 | 97.26 | 97.20 | 97.32 | 97.17 | 97.31 |
| 44+22.57 | #### | 5,995,381.06 | 2,184,912.94 | 96.65 | 97.22 | 97.29 | 97.22 | 97.37 | 97.14 | 97.30 |
| 44+25.85 | #### | 5,995,382.40 | 2,184,915.95 | 96.63 | 97.21 | 97.29 | 97.21 | 97.38 | 97.14 | 97.29 |
| 44+29.13 | #### | 5,995,383.70 | 2,184,918.95 | 96.61 | 97.19 | 97.30 | 97.23 | 97.37 | 97.09 | 97.28 |
| 44+32.41 | #### | 5,995,385.00 | 2,184,921.96 | 96.58 | 97.16 | 97.28 | 97.17 | 97.39 | 97.07 | 97.24 |
| 44+35.70 | #### | 5,995,386.27 | 2,184,925.01 | 96.54 | 97.11 | 97.30 | 97.14 | 97.46 | 97.02 | 97.20 |
| 44+38.98 | #### | 5,995,387.54 | 2,184,928.02 | 96.50 | 97.11 | 97.35 | 97.17 | 97.54 | 97.04 | 97.19 |
| 44+42.26 | #### | 5,995,388.77 | 2,184,931.06 | 96.45 | 97.10 | 97.39 | 97.23 | 97.54 | 97.01 | 97.19 |
| 44+45.54 | #### | 5,995,390.04 | 2,184,934.10 | 96.40 | 97.11 | 97.42 | 97.27 | 97.58 | 97.02 | 97.20 |
| 44+48.82 | #### | 5,995,391.31 | 2,184,937.11 | 96.36 | 97.11 | 97.45 | 97.29 | 97.60 | 97.04 | 97.19 |
| 44+52.10 | #### | 5,995,392.54 | 2,184,940.16 | 96.31 | 97.13 | 97.47 | 97.29 | 97.65 | 97.07 | 97.19 |
| 44+55.38 | #### | 5,995,393.81 | 2,184,943.20 | 96.27 | 97.11 | 97.44 | 97.28 | 97.60 | 97.06 | 97.17 |
| 44+58.66 | #### | 5,995,395.08 | 2,184,946.21 | 96.24 | 97.10 | 97.30 | 97.19 | 97.41 | 97.02 | 97.17 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 44+61.94 | #### | 5,995,396.32 | 2,184,949.25 | 96.21 | 97.06 | 97.21 | 97.11 | 97.31 | 96.98 | 97.15 |
| 44+65.22 | #### | 5,995,397.59 | 2,184,952.26 | 96.20 | 97.05 | 97.05 | 96.98 | 97.12 | 96.95 | 97.16 |
| 44+68.50 | #### | 5,995,398.85 | 2,184,955.31 | 96.19 | 97.06 | 96.99 | 96.91 | 97.07 | 96.96 | 97.16 |
| 44+71.78 | #### | 5,995,400.12 | 2,184,958.32 | 96.17 | 97.06 | 96.98 | 96.87 | 97.10 | 96.97 | 97.15 |
| 44+75.07 | #### | 5,995,401.39 | 2,184,961.36 | 96.16 | 97.06 | 97.18 | 97.03 | 97.33 | 96.98 | 97.14 |
| 44+78.35 | #### | 5,995,402.66 | 2,184,964.40 | 96.15 | 97.02 | 97.37 | 97.18 | 97.55 | 96.94 | 97.11 |
| 44+81.63 | #### | 5,995,403.90 | 2,184,967.41 | 96.13 | 96.99 | 97.43 | 97.30 | 97.57 | 96.89 | 97.09 |
| 44+84.91 | #### | 5,995,405.20 | 2,184,970.42 | 96.12 | 96.98 | 97.40 | 97.30 | 97.50 | 96.89 | 97.06 |
| 44+88.19 | #### | 5,995,406.56 | 2,184,973.43 | 96.11 | 97.01 | 97.39 | 97.31 | 97.47 | 96.97 | 97.05 |
| 44+91.47 | #### | 5,995,407.93 | 2,184,976.41 | 96.10 | 97.03 | 97.40 | 97.32 | 97.47 | 97.01 | 97.05 |
| 44+94.75 | #### | 5,995,409.30 | 2,184,979.39 | 96.09 | 97.04 | 97.35 | 97.21 | 97.48 | 97.06 | 97.02 |
| 44+98.03 | #### | 5,995,410.66 | 2,184,982.36 | 96.09 | 96.97 | 97.29 | 97.09 | 97.48 | 96.99 | 96.94 |
| 45+01.31 | #### | 5,995,412.03 | 2,184,985.34 | 96.08 | 96.90 | 97.24 | 96.98 | 97.50 | 96.95 | 96.85 |
| 45+04.59 | #### | 5,995,413.40 | 2,184,988.32 | 96.07 | 96.84 | 97.54 | 97.30 | 97.77 | 96.88 | 96.79 |
| 45+07.87 | #### | 5,995,414.76 | 2,184,991.33 | 96.06 | 96.78 | 98.15 | 97.93 | 98.36 | 96.87 | 96.69 |
| 45+11.15 | #### | 5,995,416.16 | 2,184,994.30 | 96.05 | 96.77 | 98.73 | 98.59 | 98.88 | 96.87 | 96.68 |
| 45+14.44 | #### | 5,995,417.43 | 2,184,997.31 | 96.05 | 96.76 | 98.87 | 98.83 | 98.92 | 96.88 | 96.64 |
| 45+17.72 | #### | 5,995,418.63 | 2,185,000.36 | 96.05 | 96.81 | 98.64 | 98.73 | 98.54 | 96.87 | 96.74 |
| 45+21.00 | #### | 5,995,419.74 | 2,185,003.47 | 96.05 | 96.79 | 98.10 | 98.17 | 98.02 | 96.84 | 96.74 |
| 45+24.28 | #### | 5,995,420.84 | 2,185,006.54 | 96.05 | 96.77 | 97.69 | 97.73 | 97.66 | 96.78 | 96.76 |
| 45+27.56 | #### | 5,995,421.95 | 2,185,009.65 | 96.05 | 96.76 | 97.19 | 97.16 | 97.23 | 96.75 | 96.77 |
| 45+30.84 | #### | 5,995,423.05 | 2,185,012.73 | 96.05 | 96.76 | 96.97 | 96.93 | 97.00 | 96.75 | 96.77 |
| 45+34.12 | #### | 5,995,424.16 | 2,185,015.81 | 96.05 | 96.76 | 96.76 | 96.68 | 96.85 | 96.74 | 96.77 |
| 45+37.40 | #### | 5,995,425.23 | 2,185,018.92 | 96.06 | 96.76 | 96.73 | 96.59 | 96.86 | 96.78 | 96.74 |
| 45+40.68 | #### | 5,995,426.27 | 2,185,022.03 | 96.08 | 96.84 | 96.83 | 96.69 | 96.98 | 96.96 | 96.73 |
| 45+43.96 | #### | 5,995,427.31 | 2,185,025.14 | 96.10 | 96.87 | 96.94 | 96.78 | 97.10 | 97.02 | 96.71 |
| 45+47.24 | #### | 5,995,428.32 | 2,185,028.25 | 96.12 | 96.84 | 97.02 | 96.79 | 97.24 | 96.95 | 96.73 |
| 45+50.52 | #### | 5,995,429.36 | 2,185,031.39 | 96.14 | 96.75 | 97.01 | 96.75 | 97.28 | 96.77 | 96.73 |
| 45+53.81 | #### | 5,995,430.36 | 2,185,034.50 | 96.16 | 96.70 | 97.03 | 96.73 | 97.33 | 96.69 | 96.72 |
| 45+57.09 | #### | 5,995,431.40 | 2,185,037.61 | 96.19 | 96.69 | 97.05 | 96.77 | 97.33 | 96.69 | 96.70 |
| 45+60.37 | #### | 5,995,432.44 | 2,185,040.72 | 96.21 | 96.67 | 97.06 | 96.78 | 97.33 | 96.67 | 96.68 |
| 45+63.65 | #### | 5,995,433.45 | 2,185,043.83 | 96.23 | 96.68 | 96.98 | 96.71 | 97.24 | 96.68 | 96.68 |
| 45+66.93 | #### | 5,995,434.52 | 2,185,046.94 | 96.25 | 96.68 | 96.86 | 96.61 | 97.10 | 96.66 | 96.69 |
| 45+70.21 | #### | 5,995,435.59 | 2,185,050.05 | 96.27 | 96.67 | 96.74 | 96.51 | 96.96 | 96.63 | 96.71 |
| 45+73.49 | #### | 5,995,436.70 | 2,185,053.13 | 96.28 | 96.67 | 96.66 | 96.49 | 96.83 | 96.62 | 96.72 |
| 45+76.77 | #### | 5,995,437.80 | 2,185,056.24 | 96.30 | 96.66 | 96.66 | 96.50 | 96.82 | 96.63 | 96.70 |
| 45+80.05 | #### | 5,995,438.91 | 2,185,059.31 | 96.32 | 96.69 | 96.76 | 96.60 | 96.93 | 96.66 | 96.71 |
| 45+83.33 | #### | 5,995,439.98 | 2,185,062.42 | 96.33 | 96.68 | 96.86 | 96.74 | 96.98 | 96.65 | 96.71 |
| 45+86.61 | #### | 5,995,441.08 | 2,185,065.50 | 96.35 | 96.68 | 96.92 | 96.84 | 97.00 | 96.68 | 96.68 |
| 45+89.90 | #### | 5,995,442.19 | 2,185,068.61 | 96.36 | 96.65 | 96.91 | 96.81 | 97.00 | 96.68 | 96.63 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 45+93.18 | #### | 5,995,443.29 | 2,185,071.69 | 96.37 | 96.65 | 96.88 | 96.76 | 97.00 | 96.69 | 96.61 |
| 45+96.46 | #### | 5,995,444.37 | 2,185,074.80 | 96.36 | 96.64 | 96.94 | 96.74 | 97.15 | 96.66 | 96.62 |
| 45+99.74 | #### | 5,995,445.41 | 2,185,077.91 | 96.35 | 96.62 | 96.96 | 96.75 | 97.16 | 96.62 | 96.62 |
| 46+03.02 | #### | 5,995,446.48 | 2,185,081.02 | 96.33 | 96.59 | 96.98 | 96.73 | 97.23 | 96.59 | 96.59 |
| 46+06.30 | #### | 5,995,447.55 | 2,185,084.10 | 96.32 | 96.56 | 96.88 | 96.70 | 97.07 | 96.56 | 96.56 |
| 46+09.58 | #### | 5,995,448.62 | 2,185,087.21 | 96.30 | 96.56 | 96.87 | 96.68 | 97.06 | 96.56 | 96.55 |
| 46+12.86 | #### | 5,995,449.70 | 2,185,090.32 | 96.28 | 96.58 | 96.82 | 96.66 | 96.98 | 96.60 | 96.56 |
| 46+16.14 | #### | 5,995,450.73 | 2,185,093.43 | 96.27 | 96.60 | 96.90 | 96.66 | 97.14 | 96.62 | 96.58 |
| 46+19.42 | #### | 5,995,451.81 | 2,185,096.54 | 96.23 | 96.60 | 96.88 | 96.63 | 97.14 | 96.64 | 96.56 |
| 46+22.70 | #### | 5,995,452.85 | 2,185,099.65 | 96.18 | 96.59 | 96.94 | 96.61 | 97.27 | 96.64 | 96.53 |
| 46+25.98 | #### | 5,995,453.85 | 2,185,102.76 | 96.11 | 96.56 | 96.96 | 96.64 | 97.28 | 96.62 | 96.50 |
| 46+29.27 | #### | 5,995,454.89 | 2,185,105.87 | 96.05 | 96.56 | 97.00 | 96.70 | 97.31 | 96.62 | 96.50 |
| 46+32.55 | #### | 5,995,455.90 | 2,185,109.01 | 95.98 | 96.56 | 97.03 | 96.74 | 97.32 | 96.59 | 96.53 |
| 46+35.83 | #### | 5,995,456.94 | 2,185,112.12 | 95.91 | 96.56 | 97.00 | 96.70 | 97.30 | 96.57 | 96.53 |
| 46+39.11 | #### | 5,995,457.98 | 2,185,115.23 | 95.84 | 96.55 | 97.00 | 96.69 | 97.31 | 96.59 | 96.51 |
| 46+42.39 | #### | 5,995,458.98 | 2,185,118.34 | 95.77 | 96.53 | 96.97 | 96.64 | 97.29 | 96.56 | 96.50 |
| 46+45.67 | #### | 5,995,459.99 | 2,185,121.48 | 95.73 | 96.53 | 96.99 | 96.68 | 97.30 | 96.58 | 96.49 |
| 46+48.95 | #### | 5,995,461.00 | 2,185,124.59 | 95.70 | 96.50 | 96.98 | 96.70 | 97.25 | 96.51 | 96.48 |
| 46+52.23 | #### | 5,995,461.97 | 2,185,127.74 | 95.71 | 96.47 | 96.96 | 96.69 | 97.23 | 96.48 | 96.47 |
| 46+55.51 | #### | 5,995,462.91 | 2,185,130.88 | 95.72 | 96.46 | 96.85 | 96.55 | 97.16 | 96.42 | 96.49 |
| 46+58.79 | #### | 5,995,463.89 | 2,185,133.99 | 95.73 | 96.48 | 96.70 | 96.32 | 97.08 | 96.42 | 96.53 |
| 46+62.07 | #### | 5,995,464.86 | 2,185,137.14 | 95.74 | 96.48 | 96.52 | 96.16 | 96.88 | 96.42 | 96.53 |
| 46+65.35 | #### | 5,995,465.83 | 2,185,140.28 | 95.76 | 96.46 | 96.56 | 96.24 | 96.88 | 96.41 | 96.51 |
| 46+68.64 | #### | 5,995,466.78 | 2,185,143.42 | 95.77 | 96.44 | 96.66 | 96.42 | 96.89 | 96.43 | 96.45 |
| 46+71.92 | #### | 5,995,467.75 | 2,185,146.57 | 95.78 | 96.43 | 96.80 | 96.58 | 97.02 | 96.45 | 96.42 |
| 46+75.20 | #### | 5,995,468.69 | 2,185,149.71 | 95.77 | 96.45 | 96.84 | 96.63 | 97.06 | 96.47 | 96.43 |
| 46+78.48 | #### | 5,995,469.63 | 2,185,152.85 | 95.75 | 96.45 | 96.86 | 96.63 | 97.09 | 96.46 | 96.45 |
| 46+81.76 | #### | 5,995,470.57 | 2,185,156.00 | 95.73 | 96.45 | 96.87 | 96.65 | 97.08 | 96.46 | 96.43 |
| 46+85.04 | #### | 5,995,471.48 | 2,185,159.14 | 95.71 | 96.42 | 96.84 | 96.64 | 97.05 | 96.43 | 96.41 |
| 46+88.32 | #### | 5,995,472.42 | 2,185,162.29 | 95.69 | 96.44 | 96.87 | 96.71 | 97.04 | 96.46 | 96.42 |
| 46+91.60 | #### | 5,995,473.36 | 2,185,165.43 | 95.66 | 96.47 | 96.91 | 96.73 | 97.08 | 96.49 | 96.45 |
| 46+94.88 | #### | 5,995,474.31 | 2,185,168.57 | 95.64 | 96.49 | 96.90 | 96.73 | 97.07 | 96.51 | 96.47 |
| 46+98.16 | #### | 5,995,475.21 | 2,185,171.72 | 95.63 | 96.48 | 96.87 | 96.70 | 97.05 | 96.50 | 96.47 |
| 47+01.44 | #### | 5,995,476.12 | 2,185,174.86 | 95.63 | 96.46 | 96.85 | 96.68 | 97.02 | 96.46 | 96.46 |
| 47+04.72 | #### | 5,995,477.00 | 2,185,178.04 | 95.65 | 96.42 | 96.78 | 96.66 | 96.89 | 96.42 | 96.41 |
| 47+08.01 | #### | 5,995,477.84 | 2,185,181.22 | 95.69 | 96.38 | 96.69 | 96.62 | 96.75 | 96.38 | 96.38 |
| 47+11.29 | #### | 5,995,478.72 | 2,185,184.36 | 95.72 | 96.35 | 96.65 | 96.59 | 96.71 | 96.36 | 96.35 |
| 47+14.57 | #### | 5,995,479.56 | 2,185,187.54 | 95.75 | 96.37 | 96.57 | 96.45 | 96.70 | 96.36 | 96.38 |
| 47+17.85 | #### | 5,995,480.40 | 2,185,190.71 | 95.79 | 96.37 | 96.43 | 96.26 | 96.61 | 96.36 | 96.38 |
| 47+21.13 | #### | 5,995,481.28 | 2,185,193.89 | 95.82 | 96.38 | 96.28 | 96.11 | 96.45 | 96.38 | 96.39 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 47+24.41 | #### | 5,995,482.15 | 2,185,197.04 | 95.83 | 96.40 | 96.25 | 96.12 | 96.38 | 96.41 | 96.38 |
| 47+27.69 | #### | 5,995,483.03 | 2,185,200.21 | 95.81 | 96.42 | 96.37 | 96.28 | 96.47 | 96.43 | 96.40 |
| 47+30.97 | #### | 5,995,483.91 | 2,185,203.36 | 95.77 | 96.43 | 96.51 | 96.49 | 96.53 | 96.46 | 96.40 |
| 47+34.25 | 99.84 | 5,995,484.81 | 2,185,206.53 | 95.73 | 96.41 | 96.68 | 96.63 | 96.72 | 96.45 | 96.38 |
| 47+37.53 | 99.40 | 5,995,485.69 | 2,185,209.68 | 95.69 | 96.41 | 96.75 | 96.68 | 96.83 | 96.44 | 96.38 |
| 47+40.81 | 98.97 | 5,995,486.57 | 2,185,212.82 | 95.64 | 96.39 | 96.78 | 96.69 | 96.87 | 96.42 | 96.36 |
| 47+44.09 | 98.53 | 5,995,487.47 | 2,185,216.00 | 95.60 | 96.39 | 96.79 | 96.70 | 96.88 | 96.41 | 96.37 |
| 47+47.38 | 98.08 | 5,995,488.35 | 2,185,219.14 | 95.57 | 96.37 | 96.78 | 96.69 | 96.88 | 96.38 | 96.37 |
| 47+50.66 | 97.61 | 5,995,489.19 | 2,185,222.32 | 95.55 | 96.37 | 96.71 | 96.61 | 96.82 | 96.36 | 96.39 |
| 47+53.94 | 97.14 | 5,995,490.07 | 2,185,225.50 | 95.54 | 96.35 | 96.58 | 96.50 | 96.66 | 96.33 | 96.38 |
| 47+57.22 | 96.66 | 5,995,490.91 | 2,185,228.67 | 95.53 | 96.29 | 96.50 | 96.42 | 96.58 | 96.27 | 96.32 |
| 47+60.50 | 96.18 | 5,995,491.75 | 2,185,231.82 | 95.53 | 96.25 | 96.52 | 96.40 | 96.63 | 96.22 | 96.28 |
| 47+63.78 | 95.70 | 5,995,492.60 | 2,185,235.00 | 95.52 | 96.23 | 96.53 | 96.40 | 96.66 | 96.19 | 96.26 |
| 47+67.06 | 95.22 | 5,995,493.44 | 2,185,238.17 | 95.51 | 96.24 | 96.43 | 96.35 | 96.52 | 96.20 | 96.28 |
| 47+70.34 | 94.74 | 5,995,494.32 | 2,185,241.35 | 95.50 | 96.26 | 96.27 | 96.18 | 96.35 | 96.22 | 96.30 |
| 47+73.62 | 94.26 | 5,995,495.13 | 2,185,244.53 | 95.48 | 96.26 | 96.15 | 96.07 | 96.23 | 96.23 | 96.29 |
| 47+76.90 | 93.76 | 5,995,495.97 | 2,185,247.71 | 95.45 | 96.27 | 96.14 | 96.07 | 96.20 | 96.24 | 96.29 |
| 47+80.18 | 93.24 | 5,995,496.78 | 2,185,250.88 | 95.41 | 96.26 | 96.24 | 96.20 | 96.27 | 96.25 | 96.27 |
| 47+83.46 | 92.74 | 5,995,497.59 | 2,185,254.06 | 95.37 | 96.25 | 96.38 | 96.35 | 96.41 | 96.24 | 96.27 |
| 47+86.75 | 92.22 | 5,995,498.43 | 2,185,257.24 | 95.33 | 96.24 | 96.50 | 96.42 | 96.56 | 96.24 | 96.24 |
| 47+90.03 | 91.72 | 5,995,499.24 | 2,185,260.42 | 95.30 | 96.22 | 96.55 | 96.45 | 96.65 | 96.23 | 96.22 |
| 47+93.31 | 91.21 | 5,995,500.05 | 2,185,263.59 | 95.26 | 96.21 | 96.52 | 96.41 | 96.63 | 96.23 | 96.19 |
| 47+96.59 | 90.69 | 5,995,500.86 | 2,185,266.77 | 95.23 | 96.19 | 96.50 | 96.39 | 96.61 | 96.18 | 96.19 |
| 47+99.87 | 90.15 | 5,995,501.67 | 2,185,269.95 | 95.22 | 96.16 | 96.50 | 96.39 | 96.60 | 96.15 | 96.17 |
| 48+03.15 | 89.60 | 5,995,502.42 | 2,185,273.13 | 95.23 | 96.14 | 96.50 | 96.40 | 96.60 | 96.11 | 96.17 |
| 48+06.43 | 89.04 | 5,995,503.20 | 2,185,276.34 | 95.25 | 96.13 | 96.52 | 96.45 | 96.60 | 96.09 | 96.17 |
| 48+09.71 | 88.47 | 5,995,503.97 | 2,185,279.51 | 95.27 | 96.14 | 96.51 | 96.42 | 96.59 | 96.09 | 96.18 |
| 48+12.99 | 87.91 | 5,995,504.75 | 2,185,282.72 | 95.28 | 96.12 | 96.51 | 96.43 | 96.59 | 96.07 | 96.16 |
| 48+16.27 | 87.36 | 5,995,505.49 | 2,185,285.90 | 95.30 | 96.11 | 96.46 | 96.36 | 96.56 | 96.10 | 96.13 |
| 48+19.55 | 86.80 | 5,995,506.27 | 2,185,289.08 | 95.32 | 96.10 | 96.41 | 96.34 | 96.48 | 96.07 | 96.12 |
| 48+22.83 | 86.25 | 5,995,507.05 | 2,185,292.29 | 95.33 | 96.10 | 96.34 | 96.29 | 96.38 | 96.06 | 96.13 |
| 48+26.12 | 85.73 | 5,995,507.86 | 2,185,295.47 | 95.33 | 96.09 | 96.32 | 96.32 | 96.32 | 96.05 | 96.12 |
| 48+29.40 | 85.20 | 5,995,508.67 | 2,185,298.65 | 95.33 | 96.09 | 96.29 | 96.30 | 96.27 | 96.07 | 96.10 |
| 48+32.68 | 84.68 | 5,995,509.48 | 2,185,301.82 | 95.33 | 96.08 | 96.30 | 96.30 | 96.30 | 96.09 | 96.07 |
| 48+35.96 | 84.16 | 5,995,510.29 | 2,185,305.00 | 95.33 | 96.07 | 96.27 | 96.27 | 96.27 | 96.06 | 96.07 |
| 48+39.24 | 83.63 | 5,995,511.07 | 2,185,308.18 | 95.33 | 96.06 | 96.25 | 96.25 | 96.26 | 96.06 | 96.06 |
| 48+42.52 | 83.11 | 5,995,511.88 | 2,185,311.36 | 95.33 | 96.04 | 96.11 | 96.14 | 96.09 | 96.04 | 96.04 |
| 48+45.80 | 82.59 | 5,995,512.69 | 2,185,314.53 | 95.34 | 96.01 | 96.00 | 96.04 | 95.96 | 96.01 | 96.01 |
| 48+49.08 | 82.07 | 5,995,513.50 | 2,185,317.71 | 95.36 | 95.97 | 95.93 | 95.99 | 95.88 | 95.96 | 95.97 |
| 48+52.36 | 81.56 | 5,995,514.31 | 2,185,320.89 | 95.39 | 95.95 | 95.96 | 96.01 | 95.92 | 95.95 | 95.94 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 48+55.64 | 81.04 | 5,995,515.12 | 2,185,324.10 | 95.42 | 95.97 | 96.05 | 96.04 | 96.06 | 96.00 | 95.95 |
| 48+58.92 | 80.53 | 5,995,515.93 | 2,185,327.28 | 95.45 | 95.98 | 96.12 | 96.10 | 96.14 | 96.01 | 95.95 |
| 48+62.20 | 80.02 | 5,995,516.77 | 2,185,330.45 | 95.48 | 95.99 | 96.22 | 96.19 | 96.24 | 96.03 | 95.95 |
| 48+65.49 | 79.50 | 5,995,517.58 | 2,185,333.63 | 95.51 | 95.96 | 96.21 | 96.22 | 96.20 | 96.00 | 95.92 |
| 48+68.77 | 78.98 | 5,995,518.39 | 2,185,336.81 | 95.53 | 95.96 | 96.22 | 96.22 | 96.23 | 96.01 | 95.91 |
| 48+72.05 | 78.46 | 5,995,519.20 | 2,185,339.99 | 95.53 | 95.96 | 96.15 | 96.16 | 96.13 | 96.00 | 95.92 |
| 48+75.33 | 77.93 | 5,995,519.98 | 2,185,343.16 | 95.51 | 95.96 | 96.12 | 96.18 | 96.06 | 95.99 | 95.93 |
| 48+78.61 | 77.40 | 5,995,520.79 | 2,185,346.34 | 95.47 | 95.94 | 96.07 | 96.14 | 96.01 | 95.95 | 95.92 |
| 48+81.89 | 76.86 | 5,995,521.57 | 2,185,349.52 | 95.42 | 95.90 | 96.03 | 96.11 | 95.95 | 95.92 | 95.88 |
| 48+85.17 | 76.33 | 5,995,522.38 | 2,185,352.73 | 95.37 | 95.88 | 96.00 | 96.07 | 95.93 | 95.90 | 95.86 |
| 48+88.45 | 75.79 | 5,995,523.16 | 2,185,355.91 | 95.33 | 95.86 | 96.02 | 96.09 | 95.96 | 95.88 | 95.83 |
| 48+91.73 | 75.26 | 5,995,523.97 | 2,185,359.08 | 95.28 | 95.84 | 96.05 | 96.12 | 95.97 | 95.88 | 95.81 |
| 48+95.01 | 74.72 | 5,995,524.74 | 2,185,362.26 | 95.24 | 95.85 | 96.07 | 96.09 | 96.05 | 95.90 | 95.80 |
| 48+98.29 | 74.19 | 5,995,525.55 | 2,185,365.44 | 95.19 | 95.89 | 95.97 | 96.05 | 95.90 | 95.97 | 95.81 |
| 49+01.57 | 73.67 | 5,995,526.36 | 2,185,368.65 | 95.14 | 95.93 | 95.96 | 96.04 | 95.89 | 96.03 | 95.83 |
| 49+04.86 | 73.15 | 5,995,527.17 | 2,185,371.83 | 95.08 | 95.94 | 95.99 | 96.06 | 95.92 | 96.06 | 95.81 |
| 49+08.14 | 72.63 | 5,995,527.98 | 2,185,375.01 | 95.03 | 95.92 | 96.11 | 96.11 | 96.11 | 96.05 | 95.79 |
| 49+11.42 | 72.12 | 5,995,528.79 | 2,185,378.18 | 94.97 | 95.91 | 96.19 | 96.13 | 96.25 | 96.05 | 95.77 |
| 49+14.70 | 71.60 | 5,995,529.60 | 2,185,381.36 | 94.92 | 95.94 | 96.21 | 96.13 | 96.29 | 96.10 | 95.78 |
| 49+17.98 | 71.08 | 5,995,530.41 | 2,185,384.54 | 94.87 | 95.95 | 96.22 | 96.11 | 96.33 | 96.13 | 95.78 |
| 49+21.26 | 70.57 | 5,995,531.22 | 2,185,387.72 | 94.81 | 95.97 | 96.13 | 95.95 | 96.30 | 96.14 | 95.80 |
| 49+24.54 | 70.07 | 5,995,532.03 | 2,185,390.89 | 94.76 | 95.95 | 96.10 | 95.95 | 96.25 | 96.12 | 95.79 |
| 49+27.82 | 69.58 | 5,995,532.88 | 2,185,394.07 | 94.71 | 95.94 | 96.12 | 96.01 | 96.24 | 96.10 | 95.78 |
| 49+31.10 | 69.10 | 5,995,533.72 | 2,185,397.25 | 94.67 | 95.91 | 96.18 | 96.13 | 96.23 | 96.09 | 95.73 |
| 49+34.38 | 68.62 | 5,995,534.56 | 2,185,400.39 | 94.62 | 95.84 | 96.18 | 96.16 | 96.20 | 96.01 | 95.68 |
| 49+37.66 | 68.14 | 5,995,535.41 | 2,185,403.57 | 94.58 | 95.81 | 96.14 | 96.13 | 96.14 | 95.97 | 95.64 |
| 49+40.94 | 67.65 | 5,995,536.25 | 2,185,406.75 | 94.53 | 95.77 | 96.08 | 96.10 | 96.06 | 95.94 | 95.60 |
| 49+44.23 | 67.17 | 5,995,537.13 | 2,185,409.92 | 94.49 | 95.78 | 96.02 | 96.04 | 96.01 | 95.96 | 95.60 |
| 49+47.51 | 66.69 | 5,995,537.94 | 2,185,413.10 | 94.47 | 95.77 | 95.87 | 95.88 | 95.87 | 95.91 | 95.63 |
| 49+50.79 | 66.19 | 5,995,538.78 | 2,185,416.28 | 94.47 | 95.78 | 95.81 | 95.76 | 95.87 | 95.90 | 95.66 |
| 49+54.07 | 65.69 | 5,995,539.62 | 2,185,419.42 | 94.49 | 95.79 | 95.74 | 95.67 | 95.82 | 95.90 | 95.69 |
| 49+57.35 | 65.19 | 5,995,540.43 | 2,185,422.60 | 94.51 | 95.81 | 95.75 | 95.71 | 95.79 | 95.93 | 95.69 |
| 49+60.63 | 64.69 | 5,995,541.27 | 2,185,425.78 | 94.53 | 95.79 | 95.69 | 95.73 | 95.66 | 95.93 | 95.66 |
| 49+63.91 | 64.19 | 5,995,542.08 | 2,185,428.95 | 94.55 | 95.76 | 95.61 | 95.67 | 95.55 | 95.90 | 95.63 |
| 49+67.19 | 63.69 | 5,995,542.93 | 2,185,432.13 | 94.57 | 95.74 | 95.61 | 95.65 | 95.57 | 95.88 | 95.60 |
| 49+70.47 | 63.19 | 5,995,543.74 | 2,185,435.31 | 94.59 | 95.77 | 95.71 | 95.71 | 95.71 | 95.90 | 95.65 |
| 49+73.75 | 62.70 | 5,995,544.58 | 2,185,438.49 | 94.60 | 95.83 | 95.92 | 95.92 | 95.91 | 95.97 | 95.68 |
| 49+77.03 | 62.23 | 5,995,545.42 | 2,185,441.66 | 94.61 | 95.88 | 96.09 | 96.07 | 96.11 | 96.06 | 95.70 |
| 49+80.31 | 61.77 | 5,995,546.30 | 2,185,444.81 | 94.62 | 95.87 | 96.14 | 96.15 | 96.13 | 96.06 | 95.68 |
| 49+83.60 | 61.31 | 5,995,547.18 | 2,185,447.99 | 94.62 | 95.85 | 96.07 | 96.07 | 96.07 | 96.04 | 95.66 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 49+86.88 | 60.84 | 5,995,548.05 | 2,185,451.16 | 94.63 | 95.80 | 95.95 | 95.95 | 95.94 | 96.00 | 95.60 |
| 49+90.16 | 60.38 | 5,995,548.89 | 2,185,454.31 | 94.63 | 95.76 | 95.83 | 95.84 | 95.81 | 95.96 | 95.56 |
| 49+93.44 | 59.92 | 5,995,549.77 | 2,185,457.48 | 94.64 | 95.73 | 95.76 | 95.78 | 95.74 | 95.95 | 95.52 |
| 49+96.72 | 59.46 | 5,995,550.65 | 2,185,460.66 | 94.65 | 95.74 | 95.77 | 95.76 | 95.78 | 95.97 | 95.51 |
| 50+00.00 | 58.98 | 5,995,551.49 | 2,185,463.80 | 94.67 | 95.77 | 95.78 | 95.77 | 95.80 | 96.02 | 95.53 |
| 50+03.28 | 58.50 | 5,995,552.33 | 2,185,466.98 | 94.70 | 95.79 | 95.82 | 95.81 | 95.83 | 96.03 | 95.56 |
| 50+06.56 | 58.01 | 5,995,553.17 | 2,185,470.16 | 94.74 | 95.82 | 95.79 | 95.83 | 95.74 | 96.04 | 95.59 |
| 50+09.84 | 57.51 | 5,995,553.98 | 2,185,473.34 | 94.78 | 95.82 | 95.76 | 95.79 | 95.73 | 96.05 | 95.58 |
| 50+13.12 | 57.02 | 5,995,554.83 | 2,185,476.51 | 94.82 | 95.82 | 95.70 | 95.71 | 95.68 | 96.09 | 95.55 |
| 50+16.40 | 56.53 | 5,995,555.67 | 2,185,479.69 | 94.86 | 95.81 | 95.71 | 95.71 | 95.70 | 96.10 | 95.53 |
| 50+19.69 | 56.04 | 5,995,556.51 | 2,185,482.87 | 94.90 | 95.82 | 95.63 | 95.68 | 95.57 | 96.14 | 95.51 |
| 50+22.97 | 55.54 | 5,995,557.32 | 2,185,486.05 | 94.93 | 95.83 | 95.64 | 95.71 | 95.57 | 96.17 | 95.50 |
| 50+26.25 | 55.04 | 5,995,558.17 | 2,185,489.22 | 94.96 | 95.84 | 95.60 | 95.67 | 95.54 | 96.20 | 95.47 |
| 50+29.53 | 54.53 | 5,995,558.98 | 2,185,492.40 | 94.96 | 95.83 | 95.68 | 95.71 | 95.65 | 96.22 | 95.44 |
| 50+32.81 | 54.01 | 5,995,559.79 | 2,185,495.58 | 94.96 | 95.82 | 95.63 | 95.67 | 95.58 | 96.20 | 95.43 |
| 50+36.09 | 53.49 | 5,995,560.60 | 2,185,498.76 | 94.95 | 95.81 | 95.60 | 95.65 | 95.55 | 96.20 | 95.42 |
| 50+39.37 | 52.97 | 5,995,561.41 | 2,185,501.93 | 94.95 | 95.81 | 95.55 | 95.63 | 95.47 | 96.22 | 95.41 |
| 50+42.65 | 52.46 | 5,995,562.22 | 2,185,505.11 | 94.95 | 95.82 | 95.55 | 95.63 | 95.47 | 96.26 | 95.38 |
| 50+45.93 | 51.94 | 5,995,563.03 | 2,185,508.29 | 94.94 | 95.82 | 95.52 | 95.64 | 95.41 | 96.27 | 95.36 |
| 50+49.21 | 51.45 | 5,995,563.87 | 2,185,511.47 | 94.94 | 95.83 | 95.52 | 95.63 | 95.42 | 96.28 | 95.37 |
| 50+52.49 | 51.00 | 5,995,564.75 | 2,185,514.61 | 94.93 | 95.85 | 95.52 | 95.61 | 95.43 | 96.32 | 95.38 |
| 50+55.77 | 50.58 | 5,995,565.65 | 2,185,517.79 | 94.93 | 95.88 | 95.56 | 95.61 | 95.52 | 96.35 | 95.41 |
| 50+59.06 | 50.17 | 5,995,566.56 | 2,185,520.93 | 94.92 | 95.89 | 95.60 | 95.63 | 95.57 | 96.42 | 95.36 |
| 50+62.34 | 49.75 | 5,995,567.47 | 2,185,524.07 | 94.92 | 95.91 | 95.61 | 95.64 | 95.59 | 96.49 | 95.32 |
| 50+65.62 | 49.34 | 5,995,568.38 | 2,185,527.22 | 94.92 | 95.93 | 95.59 | 95.63 | 95.56 | 96.56 | 95.30 |
| 50+68.90 | 48.92 | 5,995,569.29 | 2,185,530.40 | 94.91 | 95.95 | 95.59 | 95.61 | 95.56 | 96.62 | 95.29 |
| 50+72.18 | 48.51 | 5,995,570.20 | 2,185,533.54 | 94.91 | 95.98 | 95.58 | 95.60 | 95.55 | 96.68 | 95.29 |
| 50+75.46 | 48.09 | 5,995,571.11 | 2,185,536.68 | 94.91 | 96.02 | 95.58 | 95.60 | 95.56 | 96.75 | 95.29 |
| 50+78.74 | 47.68 | 5,995,572.01 | 2,185,539.83 | 94.91 | 96.06 | 95.59 | 95.60 | 95.57 | 96.81 | 95.32 |
| 50+82.02 | 47.26 | 5,995,572.92 | 2,185,543.00 | 94.91 | 96.07 | 95.59 | 95.64 | 95.54 | 96.84 | 95.31 |
| 50+85.30 | 46.84 | 5,995,573.83 | 2,185,546.15 | 94.91 | 96.09 | 95.60 | 95.64 | 95.56 | 96.88 | 95.30 |
| 50+88.58 | 46.42 | 5,995,574.74 | 2,185,549.29 | 94.92 | 96.11 | 95.60 | 95.67 | 95.54 | 96.93 | 95.29 |
| 50+91.86 | 46.00 | 5,995,575.65 | 2,185,552.47 | 94.92 | 96.15 | 95.63 | 95.67 | 95.58 | 96.98 | 95.32 |
| 50+95.14 | 45.58 | 5,995,576.56 | 2,185,555.61 | 94.93 | 96.15 | 95.63 | 95.67 | 95.58 | 97.00 | 95.31 |
| 50+98.43 | 45.16 | 5,995,577.46 | 2,185,558.76 | 94.93 | 96.15 | 95.62 | 95.65 | 95.59 | 97.00 | 95.29 |
| 51+01.71 | 44.76 | 5,995,578.37 | 2,185,561.93 | 94.93 | 96.13 | 95.62 | 95.61 | 95.63 | 97.00 | 95.25 |
| 51+04.99 | 44.36 | 5,995,579.31 | 2,185,565.08 | 94.92 | 96.12 | 95.57 | 95.56 | 95.58 | 96.99 | 95.25 |
| 51+08.27 | 43.97 | 5,995,580.26 | 2,185,568.22 | 94.90 | 96.09 | 95.56 | 95.52 | 95.61 | 96.97 | 95.20 |
| 51+11.55 | 43.59 | 5,995,581.20 | 2,185,571.36 | 94.88 | 96.04 | 95.53 | 95.46 | 95.59 | 96.93 | 95.15 |
| 51+14.83 | 43.21 | 5,995,582.14 | 2,185,574.51 | 94.86 | 96.00 | 95.54 | 95.46 | 95.61 | 96.88 | 95.11 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 51+18.11 | 42.91 | 5,995,583.08 | 2,185,577.65 | 94.84 | 95.96 | 95.52 | 95.47 | 95.56 | 96.82 | 95.11 |
| 51+21.39 | 42.64 | 5,995,584.02 | 2,185,580.80 | 94.82 | 95.95 | 95.52 | 95.50 | 95.55 | 96.74 | 95.15 |
| 51+24.67 | 42.38 | 5,995,584.96 | 2,185,583.94 | 94.80 | 95.92 | 95.52 | 95.50 | 95.55 | 96.65 | 95.19 |
| 51+27.95 | 42.11 | 5,995,585.90 | 2,185,587.08 | 94.79 | 95.89 | 95.55 | 95.52 | 95.59 | 96.56 | 95.22 |
| 51+31.23 | 41.82 | 5,995,586.81 | 2,185,590.23 | 94.80 | 95.86 | 95.52 | 95.46 | 95.57 | 96.49 | 95.22 |
| 51+34.51 | 41.53 | 5,995,587.72 | 2,185,593.37 | 94.83 | 95.79 | 95.47 | 95.36 | 95.57 | 96.42 | 95.17 |
| 51+37.80 | 41.23 | 5,995,588.66 | 2,185,596.52 | 94.86 | 95.75 | 95.42 | 95.30 | 95.55 | 96.38 | 95.12 |
| 51+41.08 | 40.93 | 5,995,589.57 | 2,185,599.69 | 94.88 | 95.70 | 95.49 | 95.40 | 95.58 | 96.33 | 95.08 |
| 51+44.36 | 40.64 | 5,995,590.48 | 2,185,602.84 | 94.91 | 95.68 | 95.58 | 95.55 | 95.61 | 96.27 | 95.08 |
| 51+47.64 | 40.34 | 5,995,591.39 | 2,185,605.98 | 94.94 | 95.65 | 95.63 | 95.64 | 95.61 | 96.18 | 95.12 |
| 51+50.92 | 40.04 | 5,995,592.29 | 2,185,609.12 | 94.97 | 95.63 | 95.64 | 95.64 | 95.65 | 96.11 | 95.14 |
| 51+54.20 | 39.75 | 5,995,593.20 | 2,185,612.30 | 94.99 | 95.60 | 95.66 | 95.65 | 95.68 | 96.05 | 95.15 |
| 51+57.48 | 39.47 | 5,995,594.14 | 2,185,615.44 | 95.00 | 95.58 | 95.70 | 95.69 | 95.70 | 96.02 | 95.14 |
| 51+60.76 | 39.20 | 5,995,595.09 | 2,185,618.59 | 95.01 | 95.55 | 95.69 | 95.70 | 95.68 | 95.99 | 95.12 |
| 51+64.04 | 38.92 | 5,995,595.99 | 2,185,621.73 | 95.01 | 95.52 | 95.71 | 95.77 | 95.66 | 95.94 | 95.10 |
| 51+67.32 | 38.65 | 5,995,596.94 | 2,185,624.88 | 95.02 | 95.47 | 95.68 | 95.77 | 95.59 | 95.89 | 95.06 |
| 51+70.60 | 38.38 | 5,995,597.88 | 2,185,628.02 | 95.02 | 95.43 | 95.69 | 95.81 | 95.57 | 95.83 | 95.02 |
| 51+73.88 | 38.11 | 5,995,598.82 | 2,185,631.16 | 95.03 | 95.38 | 95.67 | 95.80 | 95.54 | 95.77 | 95.00 |
| 51+77.17 | 37.83 | 5,995,599.76 | 2,185,634.31 | 95.03 | 95.36 | 95.66 | 95.77 | 95.56 | 95.73 | 94.99 |
| 51+80.45 | 37.56 | 5,995,600.70 | 2,185,637.45 | 95.04 | 95.34 | 95.69 | 95.80 | 95.58 | 95.70 | 94.98 |
| 51+83.73 | 37.29 | 5,995,601.61 | 2,185,640.60 | 95.05 | 95.32 | 95.71 | 95.82 | 95.59 | 95.68 | 94.97 |
| 51+87.01 | 37.01 | 5,995,602.55 | 2,185,643.74 | 95.06 | 95.31 | 95.75 | 95.90 | 95.60 | 95.65 | 94.98 |
| 51+90.29 | 36.73 | 5,995,603.49 | 2,185,646.88 | 95.07 | 95.29 | 95.75 | 95.91 | 95.59 | 95.59 | 94.98 |
| 51+93.57 | 36.45 | 5,995,604.40 | 2,185,650.03 | 95.09 | 95.27 | 95.79 | 95.95 | 95.64 | 95.54 | 95.00 |
| 51+96.85 | 36.18 | 5,995,605.34 | 2,185,653.17 | 95.10 | 95.24 | 95.89 | 95.99 | 95.80 | 95.50 | 94.99 |
| 52+00.13 | 35.90 | 5,995,606.28 | 2,185,656.35 | 95.11 | 95.25 | 96.00 | 96.03 | 95.97 | 95.50 | 95.00 |
| 52+03.41 | 35.62 | 5,995,607.22 | 2,185,659.49 | 95.12 | 95.23 | 95.98 | 96.02 | 95.94 | 95.47 | 94.99 |
| 52+06.69 | 35.36 | 5,995,608.16 | 2,185,662.63 | 95.11 | 95.22 | 95.96 | 96.00 | 95.92 | 95.44 | 94.99 |
| 52+09.97 | 35.10 | 5,995,609.11 | 2,185,665.75 | 95.08 | 95.19 | 95.92 | 95.96 | 95.88 | 95.42 | 94.97 |
| 52+13.25 | 34.86 | 5,995,610.08 | 2,185,668.89 | 95.02 | 95.18 | 96.01 | 96.00 | 96.03 | 95.40 | 94.97 |
| 52+16.54 | 34.62 | 5,995,611.02 | 2,185,672.03 | 94.95 | 95.17 | 96.05 | 96.04 | 96.05 | 95.37 | 94.96 |
| 52+19.82 | 34.38 | 5,995,611.99 | 2,185,675.18 | 94.89 | 95.16 | 96.08 | 96.10 | 96.06 | 95.34 | 94.98 |
| 52+23.10 | 34.14 | 5,995,612.97 | 2,185,678.32 | 94.83 | 95.14 | 96.07 | 96.11 | 96.04 | 95.30 | 94.98 |
| 52+26.38 | 33.90 | 5,995,613.94 | 2,185,681.43 | 94.76 | 95.13 | 96.09 | 96.13 | 96.05 | 95.27 | 94.99 |
| 52+29.66 | 33.66 | 5,995,614.92 | 2,185,684.57 | 94.70 | 95.10 | 96.11 | 96.14 | 96.07 | 95.22 | 94.98 |
| 52+32.94 | 33.42 | 5,995,615.86 | 2,185,687.72 | 94.66 | 95.08 | 96.09 | 96.13 | 96.05 | 95.20 | 94.96 |
| 52+36.22 | 33.17 | 5,995,616.83 | 2,185,690.86 | 94.64 | 95.06 | 96.07 | 96.13 | 96.02 | 95.19 | 94.94 |
| 52+39.50 | 32.92 | 5,995,617.77 | 2,185,694.00 | 94.63 | 95.04 | 96.05 | 96.14 | 95.95 | 95.15 | 94.91 |
| 52+42.78 | 32.67 | 5,995,618.75 | 2,185,697.12 | 94.63 | 95.02 | 96.03 | 96.13 | 95.93 | 95.12 | 94.91 |
| 52+46.06 | 32.42 | 5,995,619.69 | 2,185,700.26 | 94.63 | 94.99 | 96.00 | 96.13 | 95.87 | 95.05 | 94.92 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 52+49.34 | 32.17 | 5,995,620.66 | 2,185,703.40 | 94.62 | 94.96 | 95.94 | 96.11 | 95.77 | 95.00 | 94.91 |
| 52+52.62 | 31.92 | 5,995,621.60 | 2,185,706.55 | 94.62 | 94.94 | 95.86 | 96.13 | 95.58 | 94.95 | 94.92 |
| 52+55.91 | 31.67 | 5,995,622.58 | 2,185,709.69 | 94.61 | 94.91 | 95.79 | 96.13 | 95.45 | 94.90 | 94.91 |
| 52+59.19 | 31.43 | 5,995,623.52 | 2,185,712.83 | 94.60 | 94.87 | 95.83 | 96.12 | 95.54 | 94.85 | 94.89 |
| 52+62.47 | 31.21 | 5,995,624.52 | 2,185,715.94 | 94.59 | 94.82 | 95.91 | 96.12 | 95.70 | 94.81 | 94.84 |
| 52+65.75 | 30.99 | 5,995,625.50 | 2,185,719.09 | 94.57 | 94.82 | 95.96 | 96.11 | 95.82 | 94.85 | 94.79 |
| 52+69.03 | 30.78 | 5,995,626.51 | 2,185,722.20 | 94.55 | 94.84 | 95.81 | 96.10 | 95.53 | 94.87 | 94.81 |
| 52+72.31 | 30.57 | 5,995,627.48 | 2,185,725.34 | 94.54 | 94.86 | 95.68 | 96.11 | 95.25 | 94.88 | 94.83 |
| 52+75.59 | 30.35 | 5,995,628.49 | 2,185,728.45 | 94.52 | 94.84 | 95.51 | 96.06 | 94.96 | 94.84 | 94.84 |
| 52+78.87 | 30.14 | 5,995,629.49 | 2,185,731.60 | 94.50 | 94.82 | 95.45 | 96.03 | 94.86 | 94.83 | 94.82 |
| 52+82.15 | 29.93 | 5,995,630.47 | 2,185,734.71 | 94.49 | 94.83 | 95.34 | 95.97 | 94.71 | 94.83 | 94.83 |
| 52+85.43 | 29.75 | 5,995,631.51 | 2,185,737.85 | 94.48 | 94.82 | 95.28 | 95.93 | 94.62 | 94.82 | 94.82 |
| 52+88.71 | 29.58 | 5,995,632.55 | 2,185,740.96 | 94.47 | 94.79 | 95.25 | 95.89 | 94.62 | 94.78 | 94.79 |
| 52+91.99 | 29.42 | 5,995,633.59 | 2,185,744.07 | 94.46 | 94.75 | 95.23 | 95.87 | 94.59 | 94.77 | 94.73 |
| 52+95.28 | 29.26 | 5,995,634.62 | 2,185,747.18 | 94.45 | 94.72 | 95.20 | 95.87 | 94.53 | 94.76 | 94.69 |
| 52+98.56 | 29.10 | 5,995,635.66 | 2,185,750.29 | 94.44 | 94.71 | 95.17 | 95.86 | 94.49 | 94.76 | 94.66 |
| 53+01.84 | 28.95 | 5,995,636.70 | 2,185,753.40 | 94.43 | 94.69 | 95.14 | 95.82 | 94.47 | 94.73 | 94.66 |
| 53+05.12 | 28.79 | 5,995,637.74 | 2,185,756.51 | 94.42 | 94.69 | 95.15 | 95.82 | 94.49 | 94.69 | 94.69 |
| 53+08.40 | 28.63 | 5,995,638.81 | 2,185,759.62 | 94.43 | 94.69 | 95.13 | 95.81 | 94.46 | 94.64 | 94.73 |
| 53+11.68 | 28.48 | 5,995,639.85 | 2,185,762.73 | 94.46 | 94.68 | 95.14 | 95.79 | 94.49 | 94.63 | 94.73 |
| 53+14.96 | 28.33 | 5,995,640.89 | 2,185,765.84 | 94.51 | 94.68 | 95.12 | 95.73 | 94.50 | 94.63 | 94.72 |
| 53+18.24 | 28.17 | 5,995,641.97 | 2,185,768.95 | 94.57 | 94.65 | 95.13 | 95.70 | 94.55 | 94.63 | 94.68 |
| 53+21.52 | 28.02 | 5,995,643.01 | 2,185,772.06 | 94.63 | 94.63 | 95.12 | 95.61 | 94.62 | 94.60 | 94.66 |
| 53+24.80 | 27.87 | 5,995,644.04 | 2,185,775.17 | 94.68 | 94.60 | 95.07 | 95.52 | 94.63 | 94.55 | 94.64 |
| 53+28.08 | 27.72 | 5,995,645.12 | 2,185,778.28 | 94.74 | 94.59 | 95.06 | 95.44 | 94.68 | 94.52 | 94.65 |
| 53+31.36 | 27.56 | 5,995,646.16 | 2,185,781.39 | 94.80 | 94.59 | 95.07 | 95.45 | 94.69 | 94.50 | 94.68 |
| 53+34.65 | 27.44 | 5,995,647.23 | 2,185,784.47 | 94.84 | 94.59 | 95.10 | 95.46 | 94.74 | 94.49 | 94.69 |
| 53+37.93 | 27.36 | 5,995,648.33 | 2,185,787.58 | 94.87 | 94.60 | 95.07 | 95.41 | 94.73 | 94.49 | 94.71 |
| 53+41.21 | 27.32 | 5,995,649.50 | 2,185,790.62 | 94.88 | 94.58 | 95.04 | 95.33 | 94.74 | 94.48 | 94.69 |
| 53+44.49 | 27.29 | 5,995,650.67 | 2,185,793.70 | 94.89 | 94.59 | 95.00 | 95.27 | 94.73 | 94.50 | 94.68 |
| 53+47.77 | 27.26 | 5,995,651.84 | 2,185,796.78 | 94.89 | 94.58 | 94.98 | 95.22 | 94.74 | 94.51 | 94.65 |
| 53+51.05 | 27.23 | 5,995,653.02 | 2,185,799.85 | 94.90 | 94.60 | 94.95 | 95.17 | 94.74 | 94.55 | 94.65 |
| 53+54.33 | 27.20 | 5,995,654.15 | 2,185,802.90 | 94.90 | 94.59 | 94.93 | 95.10 | 94.76 | 94.54 | 94.63 |
| 53+57.61 | 27.13 | 5,995,655.32 | 2,185,805.97 | 94.90 | 94.58 | 94.89 | 95.05 | 94.74 | 94.53 | 94.62 |
| 53+60.89 | 26.85 | 5,995,656.49 | 2,185,809.05 | 94.91 | 94.54 | 94.85 | 94.99 | 94.71 | 94.50 | 94.59 |
| 53+64.17 | 26.56 | 5,995,657.66 | 2,185,812.09 | 94.91 | 94.53 | 94.82 | 94.95 | 94.69 | 94.49 | 94.58 |
| 53+67.45 | 26.28 | 5,995,658.83 | 2,185,815.17 | 94.92 | 94.53 | 94.84 | 94.94 | 94.75 | 94.49 | 94.58 |
| 53+70.73 | 26.00 | 5,995,660.00 | 2,185,818.25 | 94.92 | 94.55 | 94.87 | 94.92 | 94.81 | 94.49 | 94.61 |
| 53+74.02 | 25.72 | 5,995,661.17 | 2,185,821.32 | 94.93 | 94.56 | 94.85 | 94.90 | 94.79 | 94.48 | 94.64 |
| 53+77.30 | 25.43 | 5,995,662.35 | 2,185,824.37 | 94.94 | 94.55 | 94.79 | 94.83 | 94.76 | 94.48 | 94.62 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 53+80.58 | 25.15 | 5,995,663.48 | 2,185,827.44 | 94.94 | 94.53 | 94.74 | 94.76 | 94.73 | 94.48 | 94.59 |
| 53+83.86 | 24.86 | 5,995,664.65 | 2,185,830.52 | 94.95 | 94.51 | 94.71 | 94.69 | 94.73 | 94.49 | 94.54 |
| 53+87.14 | 24.58 | 5,995,665.82 | 2,185,833.60 | 94.95 | 94.50 | 94.68 | 94.66 | 94.69 | 94.48 | 94.53 |
| 53+90.42 | 24.30 | 5,995,666.99 | 2,185,836.64 | 94.96 | 94.50 | 94.66 | 94.64 | 94.69 | 94.48 | 94.53 |
| 53+93.70 | 24.01 | 5,995,668.16 | 2,185,839.72 | 94.96 | 94.51 | 94.67 | 94.65 | 94.69 | 94.47 | 94.56 |
| 53+96.98 | 23.73 | 5,995,669.33 | 2,185,842.79 | 94.97 | 94.53 | 94.66 | 94.64 | 94.68 | 94.48 | 94.59 |
| 54+00.26 | 23.44 | 5,995,670.51 | 2,185,845.84 | 94.97 | 94.50 | 94.65 | 94.64 | 94.66 | 94.43 | 94.58 |
| 54+03.54 | 23.16 | 5,995,671.64 | 2,185,848.91 | 94.98 | 94.48 | 94.62 | 94.60 | 94.64 | 94.41 | 94.54 |
| 54+06.82 | 22.88 | 5,995,672.81 | 2,185,851.99 | 94.98 | 94.46 | 94.62 | 94.60 | 94.64 | 94.37 | 94.55 |
| 54+10.10 | 22.60 | 5,995,673.98 | 2,185,855.07 | 94.99 | 94.46 | 94.61 | 94.59 | 94.63 | 94.36 | 94.56 |
| 54+13.39 | 22.31 | 5,995,675.15 | 2,185,858.11 | 94.99 | 94.46 | 94.63 | 94.62 | 94.63 | 94.35 | 94.58 |
| 54+16.67 | 22.03 | 5,995,676.32 | 2,185,861.19 | 95.00 | 94.44 | 94.63 | 94.62 | 94.64 | 94.33 | 94.54 |
| 54+19.95 | 21.75 | 5,995,677.49 | 2,185,864.26 | 95.00 | 94.42 | 94.64 | 94.61 | 94.66 | 94.35 | 94.50 |
| 54+23.23 | 21.46 | 5,995,678.66 | 2,185,867.31 | 95.01 | 94.39 | 94.63 | 94.59 | 94.66 | 94.35 | 94.43 |
| 54+26.51 | 21.18 | 5,995,679.84 | 2,185,870.38 | 95.01 | 94.37 | 94.64 | 94.60 | 94.68 | 94.36 | 94.39 |
| 54+29.79 | 20.90 | 5,995,680.97 | 2,185,873.46 | 95.02 | 94.38 | 94.66 | 94.64 | 94.69 | 94.36 | 94.40 |
| 54+33.07 | 20.61 | 5,995,682.14 | 2,185,876.54 | 95.02 | 94.39 | 94.71 | 94.69 | 94.73 | 94.35 | 94.43 |
| 54+36.35 | 20.33 | 5,995,683.31 | 2,185,879.58 | 95.03 | 94.41 | 94.73 | 94.72 | 94.75 | 94.39 | 94.43 |
| 54+39.63 | 20.05 | 5,995,684.48 | 2,185,882.66 | 95.03 | 94.41 | 94.76 | 94.74 | 94.78 | 94.41 | 94.40 |
| 54+42.91 | 19.76 | 5,995,685.65 | 2,185,885.73 | 95.04 | 94.41 | 94.81 | 94.77 | 94.85 | 94.45 | 94.38 |
| 54+46.19 | 19.48 | 5,995,686.82 | 2,185,888.81 | 95.04 | 94.43 | 94.92 | 94.88 | 94.97 | 94.45 | 94.41 |
| 54+49.48 | 19.20 | 5,995,688.00 | 2,185,891.85 | 95.05 | 94.46 | 95.07 | 95.04 | 95.10 | 94.48 | 94.43 |
| 54+52.76 | 18.91 | 5,995,689.17 | 2,185,894.93 | 95.05 | 94.45 | 95.22 | 95.21 | 95.22 | 94.46 | 94.45 |
| 54+56.04 | 18.63 | 5,995,690.30 | 2,185,898.01 | 95.06 | 94.45 | 95.40 | 95.36 | 95.43 | 94.43 | 94.46 |
| 54+59.32 | 18.35 | 5,995,691.47 | 2,185,901.05 | 95.06 | 94.44 | 95.57 | 95.48 | 95.66 | 94.39 | 94.49 |
| 54+62.60 | 18.10 | 5,995,692.64 | 2,185,904.13 | 95.06 | 94.46 | 95.76 | 95.56 | 95.96 | 94.39 | 94.53 |
| 54+65.88 | 17.93 | 5,995,693.85 | 2,185,907.17 | 95.05 | 94.45 | 95.84 | 95.60 | 96.09 | 94.38 | 94.52 |
| 54+69.16 | 17.78 | 5,995,695.05 | 2,185,910.25 | 95.04 | 94.42 | 95.89 | 95.59 | 96.18 | 94.36 | 94.49 |
| 54+72.44 | 17.62 | 5,995,696.25 | 2,185,913.29 | 95.02 | 94.40 | 95.88 | 95.59 | 96.16 | 94.35 | 94.45 |
| 54+75.72 | 17.47 | 5,995,697.42 | 2,185,916.36 | 95.01 | 94.37 | 95.92 | 95.61 | 96.23 | 94.35 | 94.40 |
| 54+79.00 | 17.32 | 5,995,698.63 | 2,185,919.41 | 94.99 | 94.39 | 95.96 | 95.66 | 96.26 | 94.38 | 94.40 |
| 54+82.28 | 17.16 | 5,995,699.83 | 2,185,922.45 | 94.98 | 94.39 | 96.00 | 95.69 | 96.30 | 94.39 | 94.39 |
| 54+85.56 | 16.98 | 5,995,701.00 | 2,185,925.53 | 94.96 | 94.38 | 95.99 | 95.68 | 96.30 | 94.38 | 94.39 |
| 54+88.85 | 16.79 | 5,995,702.17 | 2,185,928.60 | 94.94 | 94.35 | 95.99 | 95.69 | 96.28 | 94.32 | 94.37 |
| 54+92.13 | 16.59 | 5,995,703.31 | 2,185,931.68 | 94.92 | 94.33 | 95.95 | 95.70 | 96.20 | 94.32 | 94.35 |
| 54+95.41 | 16.39 | 5,995,704.48 | 2,185,934.76 | 94.91 | 94.28 | 95.89 | 95.71 | 96.06 | 94.29 | 94.28 |
| 54+98.69 | 16.19 | 5,995,705.62 | 2,185,937.80 | 94.89 | 94.27 | 95.85 | 95.71 | 95.99 | 94.29 | 94.25 |
| 55+01.97 | 15.99 | 5,995,706.79 | 2,185,940.88 | 94.87 | 94.23 | 95.82 | 95.67 | 95.97 | 94.24 | 94.23 |
| 55+05.25 | 15.79 | 5,995,707.92 | 2,185,943.96 | 94.85 | 94.25 | 95.86 | 95.69 | 96.02 | 94.24 | 94.26 |
| 55+08.53 | 15.60 | 5,995,709.09 | 2,185,947.03 | 94.83 | 94.25 | 95.81 | 95.67 | 95.95 | 94.25 | 94.25 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 55+11.81 | 15.41 | 5,995,710.27 | 2,185,950.11 | 94.81 | 94.26 | 95.88 | 95.78 | 95.97 | 94.29 | 94.23 |
| 55+15.09 | 15.22 | 5,995,711.44 | 2,185,953.15 | 94.79 | 94.24 | 95.86 | 95.71 | 96.00 | 94.26 | 94.22 |
| 55+18.37 | 15.04 | 5,995,712.61 | 2,185,956.23 | 94.77 | 94.23 | 95.91 | 95.74 | 96.07 | 94.24 | 94.22 |
| 55+21.65 | 14.86 | 5,995,713.78 | 2,185,959.30 | 94.75 | 94.20 | 95.86 | 95.68 | 96.04 | 94.22 | 94.19 |
| 55+24.93 | 14.67 | 5,995,714.95 | 2,185,962.35 | 94.73 | 94.22 | 95.89 | 95.73 | 96.04 | 94.25 | 94.19 |
| 55+28.22 | 14.49 | 5,995,716.12 | 2,185,965.42 | 94.71 | 94.22 | 95.91 | 95.77 | 96.05 | 94.26 | 94.18 |
| 55+31.50 | 14.33 | 5,995,717.29 | 2,185,968.50 | 94.69 | 94.22 | 95.88 | 95.80 | 95.96 | 94.27 | 94.17 |
| 55+34.78 | 14.17 | 5,995,718.49 | 2,185,971.54 | 94.67 | 94.22 | 95.81 | 95.80 | 95.82 | 94.29 | 94.14 |
| 55+38.06 | 14.00 | 5,995,719.66 | 2,185,974.59 | 94.65 | 94.20 | 95.71 | 95.73 | 95.68 | 94.28 | 94.12 |
| 55+41.34 | 13.84 | 5,995,720.86 | 2,185,977.66 | 94.63 | 94.19 | 95.68 | 95.69 | 95.66 | 94.25 | 94.13 |
| 55+44.62 | 13.68 | 5,995,722.07 | 2,185,980.71 | 94.61 | 94.18 | 95.69 | 95.69 | 95.69 | 94.22 | 94.14 |
| 55+47.90 | 13.51 | 5,995,723.24 | 2,185,983.78 | 94.59 | 94.16 | 95.73 | 95.71 | 95.76 | 94.18 | 94.14 |
| 55+51.18 | 13.33 | 5,995,724.41 | 2,185,986.86 | 94.56 | 94.15 | 95.74 | 95.76 | 95.73 | 94.18 | 94.12 |
| 55+54.46 | 13.14 | 5,995,725.58 | 2,185,989.90 | 94.53 | 94.12 | 95.70 | 95.73 | 95.68 | 94.15 | 94.09 |
| 55+57.74 | 12.94 | 5,995,726.72 | 2,185,992.98 | 94.49 | 94.12 | 95.68 | 95.73 | 95.64 | 94.16 | 94.07 |
| 55+61.02 | 12.75 | 5,995,727.89 | 2,185,996.06 | 94.46 | 94.10 | 95.63 | 95.69 | 95.57 | 94.13 | 94.07 |
| 55+64.30 | 12.55 | 5,995,729.02 | 2,185,999.13 | 94.43 | 94.09 | 95.64 | 95.71 | 95.56 | 94.13 | 94.06 |
| 55+67.59 | 12.35 | 5,995,730.19 | 2,186,002.21 | 94.39 | 94.09 | 95.61 | 95.73 | 95.51 | 94.14 | 94.05 |
| 55+70.87 | 12.16 | 5,995,731.36 | 2,186,005.25 | 94.36 | 94.10 | 95.67 | 95.74 | 95.59 | 94.18 | 94.03 |
| 55+74.15 | 11.97 | 5,995,732.50 | 2,186,008.33 | 94.33 | 94.10 | 95.67 | 95.74 | 95.59 | 94.19 | 94.01 |
| 55+77.43 | 11.78 | 5,995,733.67 | 2,186,011.41 | 94.31 | 94.07 | 95.64 | 95.70 | 95.57 | 94.17 | 93.97 |
| 55+80.71 | 11.59 | 5,995,734.84 | 2,186,014.48 | 94.29 | 94.04 | 95.59 | 95.64 | 95.55 | 94.13 | 93.95 |
| 55+83.99 | 11.41 | 5,995,736.01 | 2,186,017.53 | 94.27 | 94.01 | 95.56 | 95.60 | 95.52 | 94.09 | 93.92 |
| 55+87.27 | 11.22 | 5,995,737.18 | 2,186,020.60 | 94.25 | 93.98 | 95.54 | 95.59 | 95.50 | 94.07 | 93.89 |
| 55+90.55 | 11.04 | 5,995,738.35 | 2,186,023.68 | 94.23 | 93.96 | 95.55 | 95.64 | 95.46 | 94.05 | 93.87 |
| 55+93.83 | 10.88 | 5,995,739.56 | 2,186,026.72 | 94.22 | 93.95 | 95.56 | 95.66 | 95.47 | 94.03 | 93.86 |
| 55+97.11 | 10.73 | 5,995,740.76 | 2,186,029.77 | 94.22 | 93.94 | 95.59 | 95.67 | 95.51 | 94.00 | 93.87 |
| 56+00.39 | 10.61 | 5,995,741.96 | 2,186,032.81 | 94.23 | 93.92 | 95.57 | 95.63 | 95.52 | 94.00 | 93.84 |
| 56+03.67 | 10.49 | 5,995,743.20 | 2,186,035.85 | 94.24 | 93.91 | 95.52 | 95.57 | 95.47 | 94.00 | 93.82 |
| 56+06.96 | 10.37 | 5,995,744.43 | 2,186,038.90 | 94.25 | 93.90 | 95.52 | 95.58 | 95.45 | 94.00 | 93.81 |
| 56+10.24 | 10.26 | 5,995,745.67 | 2,186,041.94 | 94.26 | 93.91 | 95.49 | 95.57 | 95.40 | 93.97 | 93.84 |
| 56+13.52 | 10.14 | 5,995,746.91 | 2,186,044.98 | 94.27 | 93.90 | 95.52 | 95.60 | 95.44 | 93.96 | 93.84 |
| 56+16.80 | 10.01 | 5,995,748.11 | 2,186,048.03 | 94.27 | 93.88 | 95.54 | 95.57 | 95.52 | 93.95 | 93.81 |
| 56+20.08 | 9.89 | 5,995,749.35 | 2,186,051.07 | 94.25 | 93.85 | 95.59 | 95.56 | 95.63 | 93.94 | 93.77 |
| 56+23.36 | 9.75 | 5,995,750.55 | 2,186,054.15 | 94.22 | 93.85 | 95.60 | 95.54 | 95.66 | 93.94 | 93.77 |
| 56+26.64 | 9.61 | 5,995,751.78 | 2,186,057.19 | 94.20 | 93.83 | 95.57 | 95.51 | 95.64 | 93.92 | 93.73 |
| 56+29.92 | 9.48 | 5,995,752.99 | 2,186,060.23 | 94.17 | 93.79 | 95.52 | 95.46 | 95.58 | 93.89 | 93.69 |
| 56+33.20 | 9.34 | 5,995,754.19 | 2,186,063.28 | 94.14 | 93.74 | 95.50 | 95.43 | 95.57 | 93.84 | 93.65 |
| 56+36.48 | 9.21 | 5,995,755.43 | 2,186,066.32 | 94.11 | 93.74 | 95.48 | 95.42 | 95.55 | 93.83 | 93.66 |
| 56+39.76 | 9.06 | 5,995,756.63 | 2,186,069.40 | 94.10 | 93.72 | 95.45 | 95.38 | 95.52 | 93.80 | 93.65 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 56+43.04 | 8.89 | 5,995,757.80 | 2,186,072.44 | 94.11 | 93.69 | 95.42 | 95.36 | 95.47 | 93.77 | 93.61 |
| 56+46.33 | 8.72 | 5,995,758.97 | 2,186,075.52 | 94.13 | 93.66 | 95.35 | 95.31 | 95.40 | 93.71 | 93.60 |
| 56+49.61 | 8.55 | 5,995,760.17 | 2,186,078.56 | 94.16 | 93.65 | 95.33 | 95.32 | 95.34 | 93.69 | 93.60 |
| 56+52.89 | 8.37 | 5,995,761.34 | 2,186,081.64 | 94.18 | 93.65 | 95.28 | 95.32 | 95.24 | 93.67 | 93.63 |
| 56+56.17 | 8.20 | 5,995,762.51 | 2,186,084.68 | 94.20 | 93.63 | 95.20 | 95.31 | 95.09 | 93.65 | 93.61 |
| 56+59.45 | 8.02 | 5,995,763.68 | 2,186,087.76 | 94.23 | 93.63 | 95.12 | 95.27 | 94.97 | 93.64 | 93.63 |
| 56+62.73 | 7.88 | 5,995,764.92 | 2,186,090.80 | 94.24 | 93.63 | 94.95 | 95.08 | 94.82 | 93.64 | 93.63 |
| 56+66.01 | 7.79 | 5,995,766.16 | 2,186,093.84 | 94.24 | 93.65 | 94.77 | 94.85 | 94.69 | 93.68 | 93.63 |
| 56+69.29 | 7.73 | 5,995,767.42 | 2,186,096.85 | 94.23 | 93.66 | 94.53 | 94.56 | 94.50 | 93.70 | 93.61 |
| 56+72.57 | 7.73 | 5,995,768.73 | 2,186,099.90 | 94.22 | 93.66 | 94.36 | 94.38 | 94.33 | 93.70 | 93.61 |
| 56+75.85 | 7.73 | 5,995,769.99 | 2,186,102.91 | 94.21 | 93.65 | 94.22 | 94.23 | 94.20 | 93.69 | 93.60 |
| 56+79.13 | 7.72 | 5,995,771.26 | 2,186,105.92 | 94.20 | 93.61 | 94.05 | 94.06 | 94.04 | 93.67 | 93.56 |
| 56+82.41 | 7.72 | 5,995,772.56 | 2,186,108.96 | 94.19 | 93.58 | 93.92 | 93.93 | 93.91 | 93.65 | 93.50 |
| 56+85.70 | 7.71 | 5,995,773.83 | 2,186,111.97 | 94.18 | 93.53 | 93.83 | 93.81 | 93.84 | 93.57 | 93.48 |
| 56+88.98 | 7.71 | 5,995,775.13 | 2,186,114.98 | 94.17 | 93.50 | 93.78 | 93.77 | 93.79 | 93.53 | 93.48 |
| 56+92.26 | 7.70 | 5,995,776.40 | 2,186,118.02 | 94.16 | 93.50 | 93.74 | 93.72 | 93.76 | 93.50 | 93.49 |
| 56+95.54 | 7.70 | 5,995,777.67 | 2,186,121.03 | 94.15 | 93.48 | 93.69 | 93.69 | 93.69 | 93.49 | 93.47 |
| 56+98.82 | 7.70 | 5,995,778.97 | 2,186,124.04 | 94.14 | 93.46 | 93.65 | 93.65 | 93.66 | 93.47 | 93.46 |
| 57+02.10 | 7.69 | 5,995,780.24 | 2,186,127.09 | 94.13 | 93.45 | 93.64 | 93.66 | 93.63 | 93.45 | 93.45 |
| 57+05.38 | 7.69 | 5,995,781.54 | 2,186,130.10 | 94.12 | 93.45 | 93.64 | 93.66 | 93.61 | 93.45 | 93.46 |
| 57+08.66 | 7.68 | 5,995,782.81 | 2,186,133.11 | 94.11 | 93.46 | 93.65 | 93.67 | 93.63 | 93.46 | 93.47 |
| 57+11.94 | 7.68 | 5,995,784.08 | 2,186,136.15 | 94.10 | 93.46 | 93.64 | 93.65 | 93.64 | 93.46 | 93.47 |
| 57+15.22 | 7.67 | 5,995,785.38 | 2,186,139.16 | 94.10 | 93.49 | 93.65 | 93.65 | 93.65 | 93.47 | 93.51 |
| 57+18.50 | 7.67 | 5,995,786.65 | 2,186,142.17 | 94.09 | 93.49 | 93.67 | 93.69 | 93.66 | 93.46 | 93.51 |
| 57+21.78 | 7.67 | 5,995,787.92 | 2,186,145.21 | 94.08 | 93.47 | 93.68 | 93.70 | 93.67 | 93.47 | 93.47 |
| 57+25.07 | 7.66 | 5,995,789.22 | 2,186,148.22 | 94.07 | 93.44 | 93.68 | 93.70 | 93.66 | 93.48 | 93.40 |
| 57+28.35 | 7.66 | 5,995,790.49 | 2,186,151.23 | 94.06 | 93.42 | 93.65 | 93.67 | 93.64 | 93.48 | 93.36 |
| 57+31.63 | 7.65 | 5,995,791.79 | 2,186,154.27 | 94.05 | 93.41 | 93.64 | 93.65 | 93.64 | 93.46 | 93.36 |
| 57+34.91 | 7.65 | 5,995,793.06 | 2,186,157.28 | 94.04 | 93.39 | 93.63 | 93.64 | 93.61 | 93.43 | 93.35 |
| 57+38.19 | 7.64 | 5,995,794.33 | 2,186,160.29 | 94.03 | 93.38 | 93.63 | 93.64 | 93.63 | 93.41 | 93.36 |
| 57+41.47 | 7.64 | 5,995,795.63 | 2,186,163.34 | 94.02 | 93.37 | 93.63 | 93.65 | 93.60 | 93.37 | 93.37 |
| 57+44.75 | 7.64 | 5,995,796.90 | 2,186,166.35 | 94.01 | 93.36 | 93.61 | 93.63 | 93.60 | 93.36 | 93.36 |
| 57+48.03 | 7.63 | 5,995,798.20 | 2,186,169.36 | 94.00 | 93.35 | 93.58 | 93.58 | 93.58 | 93.36 | 93.34 |
| 57+51.31 | 7.63 | 5,995,799.47 | 2,186,172.40 | 93.99 | 93.35 | 93.55 | 93.54 | 93.56 | 93.37 | 93.32 |
| 57+54.59 | 7.62 | 5,995,800.73 | 2,186,175.41 | 93.98 | 93.34 | 93.53 | 93.53 | 93.54 | 93.37 | 93.31 |
| 57+57.87 | 7.62 | 5,995,802.03 | 2,186,178.42 | 93.97 | 93.33 | 93.52 | 93.51 | 93.52 | 93.36 | 93.30 |
| 57+61.15 | 7.61 | 5,995,803.30 | 2,186,181.46 | 93.96 | 93.32 | 93.50 | 93.48 | 93.51 | 93.34 | 93.31 |
| 57+64.44 | 7.61 | 5,995,804.57 | 2,186,184.47 | 93.95 | 93.35 | 93.48 | 93.46 | 93.49 | 93.33 | 93.36 |
| 57+67.72 | 7.61 | 5,995,805.87 | 2,186,187.48 | 93.94 | 93.35 | 93.47 | 93.46 | 93.48 | 93.31 | 93.38 |
| 57+71.00 | 7.60 | 5,995,807.14 | 2,186,190.53 | 93.94 | 93.33 | 93.44 | 93.43 | 93.46 | 93.30 | 93.36 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 57+74.28 | 7.60 | 5,995,808.44 | 2,186,193.54 | 93.93 | 93.27 | 93.43 | 93.42 | 93.45 | 93.25 | 93.28 |
| 57+77.56 | 7.60 | 5,995,809.71 | 2,186,196.55 | 93.92 | 93.24 | 93.41 | 93.38 | 93.44 | 93.24 | 93.24 |
| 57+80.84 | 7.59 | 5,995,810.98 | 2,186,199.59 | 93.91 | 93.23 | 93.40 | 93.37 | 93.42 | 93.23 | 93.22 |
| 57+84.12 | 7.59 | 5,995,812.28 | 2,186,202.60 | 93.90 | 93.23 | 93.40 | 93.40 | 93.40 | 93.24 | 93.23 |
| 57+87.40 | 7.58 | 5,995,813.55 | 2,186,205.61 | 93.89 | 93.22 | 93.40 | 93.42 | 93.37 | 93.24 | 93.19 |
| 57+90.68 | 7.58 | 5,995,814.85 | 2,186,208.65 | 93.88 | 93.22 | 93.38 | 93.42 | 93.34 | 93.27 | 93.17 |
| 57+93.96 | 7.57 | 5,995,816.12 | 2,186,211.66 | 93.87 | 93.22 | 93.34 | 93.37 | 93.30 | 93.28 | 93.14 |
| 57+97.24 | 7.57 | 5,995,817.39 | 2,186,214.67 | 93.86 | 93.20 | 93.35 | 93.37 | 93.32 | 93.26 | 93.14 |
| 58+00.52 | 7.57 | 5,995,818.69 | 2,186,217.72 | 93.85 | 93.18 | 93.34 | 93.36 | 93.32 | 93.21 | 93.14 |
| 58+03.81 | 7.56 | 5,995,819.96 | 2,186,220.73 | 93.84 | 93.17 | 93.35 | 93.36 | 93.33 | 93.20 | 93.14 |
| 58+07.09 | 7.56 | 5,995,821.26 | 2,186,223.74 | 93.83 | 93.18 | 93.33 | 93.34 | 93.32 | 93.22 | 93.14 |
| 58+10.37 | 7.55 | 5,995,822.53 | 2,186,226.78 | 93.82 | 93.19 | 93.35 | 93.36 | 93.33 | 93.24 | 93.14 |
| 58+13.65 | 7.55 | 5,995,823.80 | 2,186,229.79 | 93.81 | 93.18 | 93.36 | 93.37 | 93.34 | 93.23 | 93.12 |
| 58+16.93 | 7.54 | 5,995,825.10 | 2,186,232.80 | 93.80 | 93.18 | 93.35 | 93.36 | 93.34 | 93.22 | 93.13 |
| 58+20.21 | 7.54 | 5,995,826.37 | 2,186,235.84 | 93.79 | 93.15 | 93.36 | 93.36 | 93.35 | 93.20 | 93.11 |
| 58+23.49 | 7.54 | 5,995,827.63 | 2,186,238.85 | 93.78 | 93.14 | 93.31 | 93.32 | 93.31 | 93.19 | 93.09 |
| 58+26.77 | 7.53 | 5,995,828.94 | 2,186,241.86 | 93.78 | 93.12 | 93.27 | 93.30 | 93.25 | 93.18 | 93.07 |
| 58+30.05 | 7.53 | 5,995,830.20 | 2,186,244.90 | 93.77 | 93.10 | 93.23 | 93.26 | 93.20 | 93.14 | 93.05 |
| 58+33.33 | 7.52 | 5,995,831.51 | 2,186,247.91 | 93.76 | 93.07 | 93.22 | 93.24 | 93.19 | 93.09 | 93.04 |
| 58+36.61 | 7.52 | 5,995,832.77 | 2,186,250.92 | 93.75 | 93.03 | 93.18 | 93.20 | 93.17 | 93.04 | 93.02 |
| 58+39.90 | 7.51 | 5,995,834.04 | 2,186,253.97 | 93.74 | 93.02 | 93.14 | 93.14 | 93.13 | 93.00 | 93.04 |
| 58+43.18 | 7.51 | 5,995,835.34 | 2,186,256.98 | 93.73 | 93.03 | 93.11 | 93.12 | 93.10 | 92.98 | 93.09 |
| 58+46.46 | 7.50 | 5,995,836.61 | 2,186,259.99 | 93.72 | 93.02 | 93.09 | 93.10 | 93.09 | 92.92 | 93.12 |
| 58+49.74 | 7.50 | 5,995,837.91 | 2,186,263.03 | 93.71 | 93.01 | 93.09 | 93.11 | 93.08 | 92.91 | 93.10 |
| 58+53.02 | 7.50 | 5,995,839.18 | 2,186,266.04 | 93.70 | 93.00 | 93.09 | 93.11 | 93.08 | 92.91 | 93.09 |
| 58+56.30 | 7.49 | 5,995,840.45 | 2,186,269.08 | 93.69 | 93.01 | 93.09 | 93.11 | 93.07 | 92.94 | 93.08 |
| 58+59.58 | 7.49 | 5,995,841.75 | 2,186,272.09 | 93.68 | 93.02 | 93.07 | 93.11 | 93.03 | 92.94 | 93.10 |
| 58+62.86 | 7.48 | 5,995,843.02 | 2,186,275.10 | 93.67 | 93.02 | 93.05 | 93.08 | 93.03 | 92.92 | 93.11 |
| 58+66.14 | 7.48 | 5,995,844.29 | 2,186,278.15 | 93.66 | 93.01 | 93.08 | 93.09 | 93.07 | 92.90 | 93.11 |
| 58+69.42 | 7.47 | 5,995,845.59 | 2,186,281.16 | 93.65 | 93.00 | 93.10 | 93.09 | 93.11 | 92.88 | 93.11 |
| 58+72.70 | 7.47 | 5,995,846.86 | 2,186,284.17 | 93.64 | 92.98 | 93.12 | 93.12 | 93.11 | 92.90 | 93.05 |
| 58+75.98 | 7.47 | 5,995,848.16 | 2,186,287.21 | 93.63 | 92.97 | 93.12 | 93.14 | 93.10 | 92.94 | 93.01 |
| 58+79.27 | 7.46 | 5,995,849.43 | 2,186,290.22 | 93.62 | 92.97 | 93.12 | 93.14 | 93.09 | 92.97 | 92.97 |
| 58+82.55 | 7.46 | 5,995,850.70 | 2,186,293.23 | 93.62 | 92.97 | 93.12 | 93.15 | 93.09 | 92.96 | 92.98 |
| 58+85.83 | 7.45 | 5,995,852.00 | 2,186,296.27 | 93.61 | 92.96 | 93.10 | 93.13 | 93.08 | 92.94 | 92.99 |
| 58+89.11 | 7.45 | 5,995,853.27 | 2,186,299.28 | 93.60 | 92.95 | 93.10 | 93.11 | 93.09 | 92.94 | 92.97 |
| 58+92.39 | 7.44 | 5,995,854.57 | 2,186,302.29 | 93.59 | 92.94 | 93.07 | 93.10 | 93.04 | 92.92 | 92.95 |
| 58+95.67 | 7.44 | 5,995,855.84 | 2,186,305.34 | 93.58 | 92.92 | 93.04 | 93.09 | 93.00 | 92.92 | 92.92 |
| 58+98.95 | 7.44 | 5,995,857.11 | 2,186,308.35 | 93.57 | 92.91 | 93.03 | 93.07 | 92.99 | 92.90 | 92.92 |
| 59+02.23 | 7.43 | 5,995,858.41 | 2,186,311.36 | 93.56 | 92.91 | 92.99 | 93.01 | 92.97 | 92.89 | 92.94 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 59+05.51 | 7.43 | 5,995,859.68 | 2,186,314.40 | 93.55 | 92.90 | 92.94 | 92.95 | 92.94 | 92.86 | 92.95 |
| 59+08.79 | 7.42 | 5,995,860.98 | 2,186,317.41 | 93.54 | 92.89 | 92.90 | 92.92 | 92.87 | 92.82 | 92.95 |
| 59+12.07 | 7.42 | 5,995,862.25 | 2,186,320.42 | 93.53 | 92.86 | 92.90 | 92.92 | 92.88 | 92.79 | 92.92 |
| 59+15.35 | 7.41 | 5,995,863.51 | 2,186,323.46 | 93.52 | 92.85 | 92.93 | 92.94 | 92.92 | 92.76 | 92.95 |
| 59+18.64 | 7.41 | 5,995,864.82 | 2,186,326.47 | 93.51 | 92.87 | 92.94 | 92.94 | 92.94 | 92.77 | 92.97 |
| 59+21.92 | 7.41 | 5,995,866.08 | 2,186,329.48 | 93.50 | 92.87 | 92.92 | 92.91 | 92.92 | 92.77 | 92.98 |
| 59+25.20 | 7.40 | 5,995,867.35 | 2,186,332.52 | 93.49 | 92.88 | 92.89 | 92.89 | 92.89 | 92.81 | 92.96 |
| 59+28.48 | 7.40 | 5,995,868.65 | 2,186,335.53 | 93.48 | 92.88 | 92.85 | 92.85 | 92.85 | 92.81 | 92.96 |
| 59+31.76 | 7.40 | 5,995,869.92 | 2,186,338.54 | 93.47 | 92.89 | 92.83 | 92.84 | 92.82 | 92.79 | 92.99 |
| 59+35.04 | 7.39 | 5,995,871.22 | 2,186,341.59 | 93.46 | 92.85 | 92.81 | 92.81 | 92.81 | 92.76 | 92.95 |
| 59+38.32 | 7.39 | 5,995,872.49 | 2,186,344.60 | 93.45 | 92.84 | 92.83 | 92.83 | 92.84 | 92.77 | 92.90 |
| 59+41.60 | 7.38 | 5,995,873.76 | 2,186,347.61 | 93.44 | 92.81 | 92.83 | 92.83 | 92.84 | 92.77 | 92.86 |
| 59+44.88 | 7.38 | 5,995,875.06 | 2,186,350.65 | 93.44 | 92.83 | 92.84 | 92.85 | 92.84 | 92.79 | 92.87 |
| 59+48.16 | 7.37 | 5,995,876.33 | 2,186,353.66 | 93.43 | 92.81 | 92.85 | 92.86 | 92.85 | 92.76 | 92.87 |
| 59+51.44 | 7.37 | 5,995,877.63 | 2,186,356.67 | 93.42 | 92.80 | 92.84 | 92.85 | 92.84 | 92.75 | 92.85 |
| 59+54.72 | 7.37 | 5,995,878.90 | 2,186,359.71 | 93.41 | 92.80 | 92.84 | 92.86 | 92.82 | 92.75 | 92.85 |
| 59+58.01 | 7.36 | 5,995,880.17 | 2,186,362.72 | 93.40 | 92.78 | 92.82 | 92.84 | 92.81 | 92.72 | 92.84 |
| 59+61.29 | 7.36 | 5,995,881.47 | 2,186,365.73 | 93.39 | 92.78 | 92.82 | 92.84 | 92.81 | 92.71 | 92.85 |
| 59+64.57 | 7.35 | 5,995,882.74 | 2,186,368.78 | 93.38 | 92.76 | 92.79 | 92.81 | 92.78 | 92.67 | 92.85 |
| 59+67.85 | 7.35 | 5,995,884.01 | 2,186,371.79 | 93.37 | 92.77 | 92.77 | 92.77 | 92.77 | 92.69 | 92.85 |
| 59+71.13 | 7.34 | 5,995,885.31 | 2,186,374.80 | 93.36 | 92.74 | 92.77 | 92.76 | 92.78 | 92.67 | 92.81 |
| 59+74.41 | 7.34 | 5,995,886.58 | 2,186,377.84 | 93.35 | 92.72 | 92.78 | 92.76 | 92.79 | 92.65 | 92.80 |
| 59+77.69 | 7.34 | 5,995,887.88 | 2,186,380.85 | 93.34 | 92.71 | 92.77 | 92.76 | 92.77 | 92.63 | 92.80 |
| 59+80.97 | 7.33 | 5,995,889.15 | 2,186,383.86 | 93.33 | 92.72 | 92.74 | 92.74 | 92.74 | 92.65 | 92.80 |
| 59+84.25 | 7.33 | 5,995,890.42 | 2,186,386.90 | 93.32 | 92.71 | 92.71 | 92.70 | 92.72 | 92.65 | 92.77 |
| 59+87.53 | 7.32 | 5,995,891.72 | 2,186,389.91 | 93.31 | 92.70 | 92.66 | 92.65 | 92.67 | 92.65 | 92.75 |
| 59+90.81 | 7.32 | 5,995,892.98 | 2,186,392.92 | 93.30 | 92.67 | 92.67 | 92.66 | 92.68 | 92.62 | 92.72 |
| 59+94.09 | 7.31 | 5,995,894.29 | 2,186,395.97 | 93.29 | 92.66 | 92.69 | 92.69 | 92.69 | 92.62 | 92.69 |
| 59+97.38 | 7.31 | 5,995,895.55 | 2,186,398.98 | 93.28 | 92.64 | 92.73 | 92.74 | 92.73 | 92.63 | 92.66 |
| 60+00.66 | 7.31 | 5,995,896.82 | 2,186,401.99 | 93.27 | 92.65 | 92.73 | 92.74 | 92.72 | 92.64 | 92.66 |
| 60+03.94 | 7.30 | 5,995,898.12 | 2,186,405.03 | 93.26 | 92.67 | 92.71 | 92.72 | 92.69 | 92.63 | 92.71 |
| 60+07.22 | 7.30 | 5,995,899.39 | 2,186,408.04 | 93.25 | 92.66 | 92.68 | 92.68 | 92.68 | 92.60 | 92.73 |
| 60+10.50 | 7.29 | 5,995,900.69 | 2,186,411.05 | 93.24 | 92.66 | 92.65 | 92.64 | 92.66 | 92.59 | 92.73 |
| 60+13.78 | 7.29 | 5,995,901.96 | 2,186,414.09 | 93.23 | 92.64 | 92.61 | 92.60 | 92.63 | 92.59 | 92.71 |
| 60+17.06 | 7.28 | 5,995,903.23 | 2,186,417.10 | 93.23 | 92.64 | 92.61 | 92.61 | 92.61 | 92.61 | 92.68 |
| 60+20.34 | 7.28 | 5,995,904.53 | 2,186,420.11 | 93.22 | 92.64 | 92.60 | 92.62 | 92.59 | 92.60 | 92.68 |
| 60+23.62 | 7.27 | 5,995,905.80 | 2,186,423.15 | 93.21 | 92.62 | 92.63 | 92.65 | 92.61 | 92.59 | 92.65 |
| 60+26.90 | 7.27 | 5,995,907.07 | 2,186,426.16 | 93.20 | 92.60 | 92.61 | 92.63 | 92.60 | 92.54 | 92.65 |
| 60+30.18 | 7.27 | 5,995,908.37 | 2,186,429.17 | 93.19 | 92.58 | 92.58 | 92.60 | 92.56 | 92.51 | 92.64 |
| 60+33.46 | 7.26 | 5,995,909.64 | 2,186,432.22 | 93.18 | 92.58 | 92.54 | 92.56 | 92.52 | 92.49 | 92.67 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 60+36.75 | 7.26 | 5,995,910.94 | 2,186,435.23 | 93.17 | 92.58 | 92.54 | 92.56 | 92.52 | 92.46 | 92.69 |
| 60+40.03 | 7.25 | 5,995,912.21 | 2,186,438.24 | 93.16 | 92.56 | 92.56 | 92.56 | 92.55 | 92.44 | 92.67 |
| 60+43.31 | 7.25 | 5,995,913.48 | 2,186,441.28 | 93.15 | 92.55 | 92.56 | 92.56 | 92.55 | 92.44 | 92.66 |
| 60+46.59 | 7.24 | 5,995,914.78 | 2,186,444.29 | 93.14 | 92.54 | 92.52 | 92.53 | 92.51 | 92.44 | 92.64 |
| 60+49.87 | 7.24 | 5,995,916.05 | 2,186,447.30 | 93.13 | 92.55 | 92.49 | 92.51 | 92.48 | 92.45 | 92.65 |
| 60+53.15 | 7.24 | 5,995,917.35 | 2,186,450.34 | 93.12 | 92.54 | 92.48 | 92.51 | 92.45 | 92.44 | 92.63 |
| 60+56.43 | 7.23 | 5,995,918.62 | 2,186,453.35 | 93.11 | 92.55 | 92.51 | 92.53 | 92.49 | 92.45 | 92.64 |
| 60+59.71 | 7.23 | 5,995,919.89 | 2,186,456.40 | 93.10 | 92.56 | 92.53 | 92.56 | 92.50 | 92.46 | 92.65 |
| 60+62.99 | 7.22 | 5,995,921.19 | 2,186,459.41 | 93.09 | 92.56 | 92.54 | 92.55 | 92.53 | 92.45 | 92.66 |
| 60+66.27 | 7.22 | 5,995,922.46 | 2,186,462.42 | 93.08 | 92.53 | 92.55 | 92.56 | 92.53 | 92.41 | 92.65 |
| 60+69.55 | 7.21 | 5,995,923.76 | 2,186,465.46 | 93.07 | 92.52 | 92.51 | 92.52 | 92.51 | 92.39 | 92.65 |
| 60+72.83 | 7.21 | 5,995,925.03 | 2,186,468.47 | 93.06 | 92.50 | 92.49 | 92.50 | 92.48 | 92.37 | 92.64 |
| 60+76.12 | 7.21 | 5,995,926.29 | 2,186,471.48 | 93.05 | 92.51 | 92.48 | 92.46 | 92.50 | 92.40 | 92.63 |
| 60+79.40 | 7.20 | 5,995,927.60 | 2,186,474.52 | 93.05 | 92.50 | 92.50 | 92.49 | 92.51 | 92.39 | 92.62 |
| 60+82.68 | 7.20 | 5,995,928.86 | 2,186,477.53 | 93.04 | 92.50 | 92.53 | 92.52 | 92.54 | 92.39 | 92.61 |
| 60+85.96 | 7.19 | 5,995,930.13 | 2,186,480.54 | 93.03 | 92.47 | 92.52 | 92.52 | 92.52 | 92.35 | 92.60 |
| 60+89.24 | 7.19 | 5,995,931.43 | 2,186,483.59 | 93.02 | 92.46 | 92.54 | 92.53 | 92.55 | 92.35 | 92.58 |
| 60+92.52 | 7.19 | 5,995,932.70 | 2,186,486.60 | 93.01 | 92.45 | 92.55 | 92.54 | 92.56 | 92.33 | 92.56 |
| 60+95.80 | 7.18 | 5,995,934.00 | 2,186,489.61 | 93.00 | 92.45 | 92.54 | 92.54 | 92.55 | 92.35 | 92.56 |
| 60+99.08 | 7.18 | 5,995,935.27 | 2,186,492.65 | 92.99 | 92.45 | 92.53 | 92.53 | 92.53 | 92.33 | 92.58 |
| 61+02.36 | 7.17 | 5,995,936.54 | 2,186,495.66 | 92.98 | 92.44 | 92.50 | 92.50 | 92.50 | 92.35 | 92.54 |
| 61+05.64 | 7.17 | 5,995,937.84 | 2,186,498.67 | 92.97 | 92.42 | 92.50 | 92.50 | 92.50 | 92.35 | 92.50 |
| 61+08.92 | 7.17 | 5,995,939.11 | 2,186,501.71 | 92.96 | 92.41 | 92.47 | 92.46 | 92.48 | 92.36 | 92.48 |
| 61+12.20 | 7.16 | 5,995,940.41 | 2,186,504.72 | 92.95 | 92.41 | 92.47 | 92.46 | 92.48 | 92.36 | 92.48 |
| 61+15.49 | 7.16 | 5,995,941.68 | 2,186,507.73 | 92.94 | 92.41 | 92.47 | 92.44 | 92.50 | 92.36 | 92.46 |
| 61+18.77 | 7.15 | 5,995,942.95 | 2,186,510.77 | 92.93 | 92.38 | 92.49 | 92.45 | 92.53 | 92.35 | 92.41 |
| 61+22.05 | 7.15 | 5,995,944.25 | 2,186,513.78 | 92.92 | 92.35 | 92.46 | 92.44 | 92.49 | 92.29 | 92.40 |
| 61+25.33 | 7.14 | 5,995,945.52 | 2,186,516.79 | 92.91 | 92.33 | 92.49 | 92.49 | 92.49 | 92.25 | 92.41 |
| 61+28.61 | 7.14 | 5,995,946.79 | 2,186,519.84 | 92.90 | 92.31 | 92.45 | 92.48 | 92.43 | 92.20 | 92.41 |
| 61+31.89 | 7.14 | 5,995,948.09 | 2,186,522.85 | 92.89 | 92.30 | 92.45 | 92.46 | 92.44 | 92.20 | 92.40 |
| 61+35.17 | 7.13 | 5,995,949.36 | 2,186,525.86 | 92.89 | 92.27 | 92.40 | 92.42 | 92.39 | 92.16 | 92.38 |
| 61+38.45 | 7.16 | 5,995,950.66 | 2,186,528.90 | 92.88 | 92.25 | 92.37 | 92.36 | 92.39 | 92.13 | 92.38 |
| 61+41.73 | 7.23 | 5,995,951.93 | 2,186,531.91 | 92.87 | 92.21 | 92.37 | 92.35 | 92.39 | 92.09 | 92.33 |
| 61+45.01 | 7.30 | 5,995,953.20 | 2,186,534.92 | 92.86 | 92.21 | 92.36 | 92.32 | 92.39 | 92.12 | 92.30 |
| 61+48.29 | 7.36 | 5,995,954.50 | 2,186,537.96 | 92.85 | 92.19 | 92.38 | 92.38 | 92.39 | 92.12 | 92.27 |
| 61+51.57 | 7.43 | 5,995,955.77 | 2,186,540.97 | 92.84 | 92.21 | 92.38 | 92.37 | 92.39 | 92.13 | 92.30 |
| 61+54.86 | 7.50 | 5,995,957.07 | 2,186,543.98 | 92.83 | 92.22 | 92.35 | 92.35 | 92.36 | 92.13 | 92.32 |
| 61+58.14 | 7.57 | 5,995,958.33 | 2,186,547.03 | 92.82 | 92.24 | 92.32 | 92.31 | 92.32 | 92.12 | 92.37 |
| 61+61.42 | 7.63 | 5,995,959.60 | 2,186,550.04 | 92.81 | 92.23 | 92.28 | 92.29 | 92.28 | 92.12 | 92.35 |
| 61+64.70 | 7.70 | 5,995,960.90 | 2,186,553.05 | 92.80 | 92.20 | 92.28 | 92.30 | 92.26 | 92.10 | 92.30 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 61+67.98 | 7.77 | 5,995,962.17 | 2,186,556.09 | 92.79 | 92.19 | 92.27 | 92.30 | 92.25 | 92.14 | 92.25 |
| 61+71.26 | 7.83 | 5,995,963.47 | 2,186,559.10 | 92.78 | 92.18 | 92.27 | 92.29 | 92.25 | 92.16 | 92.20 |
| 61+74.54 | 7.90 | 5,995,964.74 | 2,186,562.11 | 92.77 | 92.18 | 92.25 | 92.26 | 92.25 | 92.16 | 92.19 |
| 61+77.82 | 7.97 | 5,995,966.01 | 2,186,565.15 | 92.76 | 92.18 | 92.24 | 92.25 | 92.23 | 92.15 | 92.21 |
| 61+81.10 | 8.03 | 5,995,967.31 | 2,186,568.16 | 92.75 | 92.19 | 92.24 | 92.25 | 92.23 | 92.14 | 92.23 |
| 61+84.38 | 8.10 | 5,995,968.58 | 2,186,571.17 | 92.74 | 92.20 | 92.23 | 92.23 | 92.23 | 92.15 | 92.26 |
| 61+87.66 | 8.17 | 5,995,969.85 | 2,186,574.22 | 92.73 | 92.20 | 92.24 | 92.23 | 92.25 | 92.16 | 92.23 |
| 61+90.94 | 8.23 | 5,995,971.15 | 2,186,577.23 | 92.73 | 92.16 | 92.22 | 92.22 | 92.22 | 92.10 | 92.21 |
| 61+94.23 | 8.30 | 5,995,972.42 | 2,186,580.24 | 92.72 | 92.10 | 92.22 | 92.22 | 92.22 | 92.07 | 92.14 |
| 61+97.51 | 8.37 | 5,995,973.72 | 2,186,583.28 | 92.71 | 92.08 | 92.20 | 92.20 | 92.19 | 92.06 | 92.09 |
| 62+00.79 | 8.44 | 5,995,974.99 | 2,186,586.29 | 92.70 | 92.09 | 92.18 | 92.19 | 92.17 | 92.08 | 92.09 |
| 62+04.07 | 8.50 | 5,995,976.26 | 2,186,589.30 | 92.69 | 92.10 | 92.17 | 92.19 | 92.15 | 92.09 | 92.12 |
| 62+07.35 | 8.57 | 5,995,977.56 | 2,186,592.34 | 92.68 | 92.09 | 92.15 | 92.17 | 92.14 | 92.06 | 92.12 |
| 62+10.63 | 8.64 | 5,995,978.83 | 2,186,595.35 | 92.67 | 92.04 | 92.12 | 92.13 | 92.12 | 92.03 | 92.06 |
| 62+13.91 | 8.70 | 5,995,980.13 | 2,186,598.36 | 92.66 | 92.03 | 92.10 | 92.09 | 92.10 | 92.00 | 92.05 |
| 62+17.19 | 8.77 | 5,995,981.40 | 2,186,601.40 | 92.65 | 92.01 | 92.08 | 92.07 | 92.09 | 91.99 | 92.03 |
| 62+20.47 | 8.84 | 5,995,982.67 | 2,186,604.42 | 92.64 | 92.03 | 92.10 | 92.09 | 92.12 | 92.03 | 92.03 |
| 62+23.75 | 8.91 | 5,995,983.97 | 2,186,607.43 | 92.63 | 92.00 | 92.12 | 92.13 | 92.12 | 92.00 | 91.99 |
| 62+27.03 | 8.97 | 5,995,985.24 | 2,186,610.47 | 92.62 | 91.99 | 92.15 | 92.15 | 92.15 | 92.03 | 91.95 |
| 62+30.31 | 9.04 | 5,995,986.50 | 2,186,613.48 | 92.61 | 91.98 | 92.15 | 92.16 | 92.14 | 92.03 | 91.93 |
| 62+33.60 | 9.11 | 5,995,987.81 | 2,186,616.49 | 92.60 | 91.98 | 92.10 | 92.09 | 92.10 | 92.03 | 91.93 |
| 62+36.88 | 9.17 | 5,995,989.07 | 2,186,619.53 | 92.59 | 91.96 | 92.04 | 92.04 | 92.04 | 91.97 | 91.94 |
| 62+40.16 | 9.24 | 5,995,990.38 | 2,186,622.54 | 92.58 | 91.94 | 92.00 | 91.98 | 92.02 | 91.93 | 91.95 |
| 62+43.44 | 9.31 | 5,995,991.64 | 2,186,625.55 | 92.57 | 91.96 | 92.02 | 92.00 | 92.03 | 91.93 | 91.98 |
| 62+46.72 | 9.38 | 5,995,992.91 | 2,186,628.59 | 92.57 | 91.99 | 92.04 | 92.03 | 92.06 | 91.96 | 92.03 |
| 62+50.00 | 9.44 | 5,995,994.21 | 2,186,631.60 | 92.56 | 92.02 | 92.08 | 92.06 | 92.09 | 91.98 | 92.05 |
| 62+53.28 | 9.51 | 5,995,995.48 | 2,186,634.61 | 92.55 | 92.00 | 92.08 | 92.05 | 92.10 | 91.98 | 92.03 |
| 62+56.56 | 9.58 | 5,995,996.78 | 2,186,637.66 | 92.54 | 91.99 | 92.08 | 92.05 | 92.10 | 91.96 | 92.02 |
| 62+59.84 | 9.65 | 5,995,998.05 | 2,186,640.67 | 92.53 | 91.95 | 92.08 | 92.04 | 92.12 | 91.93 | 91.97 |
| 62+63.12 | 9.71 | 5,995,999.32 | 2,186,643.68 | 92.52 | 91.93 | 92.08 | 92.05 | 92.12 | 91.93 | 91.93 |
| 62+66.40 | 9.78 | 5,996,000.62 | 2,186,646.72 | 92.51 | 91.91 | 92.09 | 92.06 | 92.13 | 91.94 | 91.89 |
| 62+69.69 | 9.85 | 5,996,001.89 | 2,186,649.73 | 92.50 | 91.93 | 92.09 | 92.08 | 92.10 | 91.93 | 91.93 |
| 62+72.97 | 9.91 | 5,996,003.19 | 2,186,652.77 | 92.49 | 91.94 | 92.08 | 92.07 | 92.09 | 91.90 | 91.97 |
| 62+76.25 | 9.98 | 5,996,004.46 | 2,186,655.78 | 92.48 | 91.91 | 92.06 | 92.06 | 92.06 | 91.86 | 91.96 |
| 62+79.53 | 10.05 | 5,996,005.73 | 2,186,658.79 | 92.47 | 91.89 | 92.03 | 92.04 | 92.03 | 91.86 | 91.92 |
| 62+82.81 | 10.11 | 5,996,007.03 | 2,186,661.84 | 92.46 | 91.86 | 92.03 | 92.04 | 92.02 | 91.85 | 91.87 |
| 62+86.09 | 10.18 | 5,996,008.30 | 2,186,664.85 | 92.45 | 91.89 | 92.00 | 92.00 | 91.99 | 91.85 | 91.92 |
| 62+89.37 | 10.25 | 5,996,009.57 | 2,186,667.86 | 92.44 | 91.90 | 91.96 | 91.95 | 91.97 | 91.86 | 91.93 |
| 62+92.65 | 10.31 | 5,996,010.87 | 2,186,670.90 | 92.43 | 91.92 | 91.93 | 91.92 | 91.94 | 91.89 | 91.96 |
| 62+95.93 | 10.38 | 5,996,012.14 | 2,186,673.91 | 92.42 | 91.91 | 91.93 | 91.93 | 91.93 | 91.89 | 91.94 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 62+99.21 | 10.45 | 5,996,013.44 | 2,186,676.92 | 92.41 | 91.92 | 91.94 | 91.95 | 91.93 | 91.89 | 91.96 |
| 63+02.49 | 10.52 | 5,996,014.71 | 2,186,679.96 | 92.40 | 91.90 | 91.98 | 91.98 | 91.97 | 91.84 | 91.95 |
| 63+05.77 | 10.58 | 5,996,015.98 | 2,186,682.97 | 92.40 | 91.89 | 92.01 | 92.00 | 92.02 | 91.82 | 91.95 |
| 63+09.06 | 10.65 | 5,996,017.28 | 2,186,685.98 | 92.39 | 91.87 | 92.02 | 92.00 | 92.04 | 91.81 | 91.93 |
| 63+12.34 | 10.72 | 5,996,018.55 | 2,186,689.03 | 92.38 | 91.89 | 92.00 | 91.99 | 92.00 | 91.84 | 91.93 |
| 63+15.62 | 10.78 | 5,996,019.85 | 2,186,692.04 | 92.37 | 91.89 | 91.98 | 91.97 | 91.99 | 91.86 | 91.91 |
| 63+18.90 | 10.85 | 5,996,021.12 | 2,186,695.05 | 92.36 | 91.87 | 91.99 | 91.98 | 91.99 | 91.86 | 91.87 |
| 63+22.18 | 10.92 | 5,996,022.38 | 2,186,698.09 | 92.35 | 91.85 | 91.99 | 91.97 | 92.00 | 91.85 | 91.84 |
| 63+25.46 | 10.98 | 5,996,023.68 | 2,186,701.10 | 92.34 | 91.84 | 92.00 | 91.98 | 92.02 | 91.84 | 91.84 |
| 63+28.74 | 10.96 | 5,996,024.95 | 2,186,704.11 | 92.33 | 91.81 | 92.01 | 91.99 | 92.03 | 91.79 | 91.84 |
| 63+32.02 | 10.94 | 5,996,026.22 | 2,186,707.15 | 92.32 | 91.80 | 92.03 | 92.02 | 92.05 | 91.77 | 91.83 |
| 63+35.30 | 10.91 | 5,996,027.52 | 2,186,710.16 | 92.31 | 91.77 | 92.08 | 92.08 | 92.08 | 91.72 | 91.83 |
| 63+38.58 | 10.88 | 5,996,028.79 | 2,186,713.17 | 92.30 | 91.78 | 92.16 | 92.15 | 92.17 | 91.71 | 91.85 |
| 63+41.86 | 10.86 | 5,996,030.09 | 2,186,716.21 | 92.29 | 91.76 | 92.30 | 92.28 | 92.32 | 91.67 | 91.84 |
| 63+45.14 | 10.83 | 5,996,031.36 | 2,186,719.22 | 92.28 | 91.77 | 92.44 | 92.40 | 92.48 | 91.69 | 91.84 |
| 63+48.43 | 10.80 | 5,996,032.63 | 2,186,722.23 | 92.27 | 91.76 | 92.61 | 92.54 | 92.67 | 91.69 | 91.83 |
| 63+51.71 | 10.78 | 5,996,033.93 | 2,186,725.28 | 92.26 | 91.77 | 92.80 | 92.67 | 92.92 | 91.68 | 91.86 |
| 63+54.99 | 10.75 | 5,996,035.20 | 2,186,728.29 | 92.25 | 91.77 | 93.01 | 92.81 | 93.20 | 91.67 | 91.86 |
| 63+58.27 | 10.73 | 5,996,036.50 | 2,186,731.30 | 92.23 | 91.77 | 93.15 | 92.91 | 93.38 | 91.68 | 91.85 |
| 63+61.55 | 10.72 | 5,996,037.77 | 2,186,734.31 | 92.21 | 91.77 | 93.20 | 92.97 | 93.44 | 91.69 | 91.85 |
| 63+64.83 | 10.70 | 5,996,039.07 | 2,186,737.35 | 92.19 | 91.74 | 93.23 | 92.99 | 93.46 | 91.68 | 91.81 |
| 63+68.11 | 10.69 | 5,996,040.37 | 2,186,740.36 | 92.17 | 91.72 | 93.26 | 93.03 | 93.48 | 91.66 | 91.79 |
| 63+71.39 | 10.67 | 5,996,041.67 | 2,186,743.37 | 92.15 | 91.70 | 93.24 | 93.02 | 93.46 | 91.66 | 91.74 |
| 63+74.67 | 10.66 | 5,996,042.94 | 2,186,746.38 | 92.13 | 91.71 | 93.21 | 92.99 | 93.43 | 91.68 | 91.73 |
| 63+77.95 | 10.65 | 5,996,044.24 | 2,186,749.39 | 92.11 | 91.69 | 93.18 | 92.96 | 93.41 | 91.68 | 91.70 |
| 63+81.23 | 10.63 | 5,996,045.54 | 2,186,752.43 | 92.09 | 91.69 | 93.22 | 92.99 | 93.44 | 91.67 | 91.72 |
| 63+84.51 | 10.62 | 5,996,046.85 | 2,186,755.44 | 92.07 | 91.67 | 93.23 | 93.01 | 93.45 | 91.61 | 91.72 |
| 63+87.80 | 10.60 | 5,996,048.11 | 2,186,758.45 | 92.04 | 91.68 | 93.21 | 93.00 | 93.41 | 91.60 | 91.77 |
| 63+91.08 | 10.59 | 5,996,049.42 | 2,186,761.46 | 92.02 | 91.66 | 93.15 | 92.94 | 93.37 | 91.59 | 91.73 |
| 63+94.36 | 10.58 | 5,996,050.72 | 2,186,764.47 | 92.00 | 91.65 | 93.12 | 92.91 | 93.32 | 91.59 | 91.71 |
| 63+97.64 | 10.56 | 5,996,052.02 | 2,186,767.52 | 91.98 | 91.62 | 93.12 | 92.89 | 93.34 | 91.58 | 91.66 |
| 64+00.92 | 10.55 | 5,996,053.29 | 2,186,770.53 | 91.96 | 91.59 | 93.10 | 92.88 | 93.32 | 91.55 | 91.64 |
| 64+04.20 | 10.54 | 5,996,054.59 | 2,186,773.54 | 91.95 | 91.59 | 93.05 | 92.79 | 93.31 | 91.54 | 91.64 |
| 64+07.48 | 10.54 | 5,996,055.89 | 2,186,776.55 | 91.94 | 91.58 | 93.02 | 92.78 | 93.25 | 91.50 | 91.67 |
| 64+10.76 | 10.54 | 5,996,057.22 | 2,186,779.56 | 91.93 | 91.57 | 93.02 | 92.78 | 93.26 | 91.48 | 91.66 |
| 64+14.04 | 10.54 | 5,996,058.52 | 2,186,782.57 | 91.93 | 91.55 | 93.05 | 92.86 | 93.24 | 91.44 | 91.67 |
| 64+17.32 | 10.54 | 5,996,059.83 | 2,186,785.57 | 91.92 | 91.54 | 93.05 | 92.85 | 93.26 | 91.44 | 91.64 |
| 64+20.60 | 10.55 | 5,996,061.13 | 2,186,788.58 | 91.91 | 91.54 | 93.02 | 92.84 | 93.21 | 91.45 | 91.62 |
| 64+23.88 | 10.55 | 5,996,062.43 | 2,186,791.59 | 91.91 | 91.54 | 93.02 | 92.81 | 93.22 | 91.47 | 91.61 |
| 64+27.17 | 10.55 | 5,996,063.73 | 2,186,794.60 | 91.90 | 91.55 | 93.04 | 92.85 | 93.23 | 91.46 | 91.63 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 64+30.45 | 10.55 | 5,996,065.06 | 2,186,797.61 | 91.90 | 91.58 | 93.07 | 92.89 | 93.25 | 91.47 | 91.69 |
| 64+33.73 | 10.55 | 5,996,066.36 | 2,186,800.62 | 91.89 | 91.60 | 93.07 | 92.90 | 93.24 | 91.48 | 91.72 |
| 64+37.01 | 10.56 | 5,996,067.67 | 2,186,803.63 | 91.89 | 91.62 | 93.04 | 92.88 | 93.21 | 91.50 | 91.73 |
| 64+40.29 | 10.56 | 5,996,068.97 | 2,186,806.64 | 91.88 | 91.60 | 93.04 | 92.85 | 93.24 | 91.49 | 91.71 |
| 64+43.57 | 10.56 | 5,996,070.27 | 2,186,809.65 | 91.88 | 91.59 | 93.01 | 92.81 | 93.21 | 91.48 | 91.70 |
| 64+46.85 | 10.56 | 5,996,071.60 | 2,186,812.66 | 91.87 | 91.57 | 93.03 | 92.85 | 93.21 | 91.47 | 91.67 |
| 64+50.13 | 10.56 | 5,996,072.90 | 2,186,815.67 | 91.87 | 91.58 | 93.03 | 92.88 | 93.18 | 91.49 | 91.67 |
| 64+53.41 | 10.54 | 5,996,074.17 | 2,186,818.68 | 91.86 | 91.58 | 93.08 | 92.92 | 93.23 | 91.51 | 91.66 |
| 64+56.69 | 10.51 | 5,996,075.47 | 2,186,821.73 | 91.86 | 91.58 | 93.07 | 92.89 | 93.25 | 91.50 | 91.67 |
| 64+59.97 | 10.47 | 5,996,076.74 | 2,186,824.74 | 91.86 | 91.57 | 93.05 | 92.86 | 93.25 | 91.49 | 91.64 |
| 64+63.25 | 10.43 | 5,996,078.01 | 2,186,827.78 | 91.86 | 91.55 | 93.03 | 92.84 | 93.23 | 91.48 | 91.62 |
| 64+66.54 | 10.39 | 5,996,079.28 | 2,186,830.79 | 91.85 | 91.54 | 93.02 | 92.84 | 93.20 | 91.50 | 91.58 |
| 64+69.82 | 10.34 | 5,996,080.52 | 2,186,833.83 | 91.85 | 91.53 | 93.01 | 92.84 | 93.18 | 91.51 | 91.55 |
| 64+73.10 | 10.31 | 5,996,081.78 | 2,186,836.84 | 91.85 | 91.52 | 92.99 | 92.81 | 93.17 | 91.53 | 91.51 |
| 64+76.38 | 10.26 | 5,996,083.05 | 2,186,839.89 | 91.85 | 91.51 | 93.00 | 92.81 | 93.20 | 91.51 | 91.51 |
| 64+79.66 | 10.22 | 5,996,084.32 | 2,186,842.90 | 91.84 | 91.52 | 93.00 | 92.79 | 93.21 | 91.49 | 91.55 |
| 64+82.94 | 10.18 | 5,996,085.59 | 2,186,845.94 | 91.84 | 91.49 | 92.97 | 92.76 | 93.19 | 91.44 | 91.54 |
| 64+86.22 | 10.14 | 5,996,086.86 | 2,186,848.95 | 91.84 | 91.48 | 92.96 | 92.76 | 93.15 | 91.40 | 91.55 |
| 64+89.50 | 10.10 | 5,996,088.13 | 2,186,851.99 | 91.84 | 91.44 | 92.96 | 92.76 | 93.17 | 91.37 | 91.51 |
| 64+92.78 | 10.06 | 5,996,089.39 | 2,186,855.00 | 91.84 | 91.44 | 92.99 | 92.82 | 93.15 | 91.38 | 91.50 |
| 64+96.06 | 10.01 | 5,996,090.66 | 2,186,858.05 | 91.83 | 91.44 | 92.97 | 92.81 | 93.13 | 91.38 | 91.49 |
| 64+99.34 | 9.97 | 5,996,091.93 | 2,186,861.06 | 91.83 | 91.45 | 92.95 | 92.82 | 93.08 | 91.38 | 91.51 |
| 65+02.62 | 9.93 | 5,996,093.20 | 2,186,864.10 | 91.83 | 91.46 | 92.94 | 92.79 | 93.08 | 91.36 | 91.55 |
| 65+05.91 | 9.88 | 5,996,094.47 | 2,186,867.11 | 91.82 | 91.43 | 92.97 | 92.81 | 93.14 | 91.35 | 91.53 |
| 65+09.19 | 9.83 | 5,996,095.74 | 2,186,870.15 | 91.80 | 91.42 | 93.02 | 92.81 | 93.24 | 91.36 | 91.48 |
| 65+12.47 | 9.78 | 5,996,096.97 | 2,186,873.20 | 91.79 | 91.41 | 93.08 | 92.84 | 93.32 | 91.37 | 91.46 |
| 65+15.75 | 9.73 | 5,996,098.24 | 2,186,876.21 | 91.78 | 91.43 | 93.03 | 92.78 | 93.27 | 91.40 | 91.45 |
| 65+19.03 | 9.69 | 5,996,099.51 | 2,186,879.25 | 91.77 | 91.43 | 92.96 | 92.73 | 93.20 | 91.39 | 91.47 |
| 65+22.31 | 9.64 | 5,996,100.78 | 2,186,882.26 | 91.75 | 91.41 | 92.92 | 92.71 | 93.13 | 91.36 | 91.47 |
| 65+25.59 | 9.59 | 5,996,102.01 | 2,186,885.30 | 91.74 | 91.39 | 92.95 | 92.76 | 93.13 | 91.31 | 91.47 |
| 65+28.87 | 9.54 | 5,996,103.28 | 2,186,888.34 | 91.73 | 91.36 | 92.95 | 92.78 | 93.12 | 91.27 | 91.46 |
| 65+32.15 | 9.49 | 5,996,104.55 | 2,186,891.35 | 91.72 | 91.36 | 92.96 | 92.78 | 93.14 | 91.27 | 91.45 |
| 65+35.43 | 9.44 | 5,996,105.82 | 2,186,894.40 | 91.70 | 91.39 | 92.96 | 92.78 | 93.14 | 91.32 | 91.46 |
| 65+38.71 | 9.39 | 5,996,107.06 | 2,186,897.41 | 91.69 | 91.38 | 92.95 | 92.75 | 93.14 | 91.31 | 91.45 |
| 65+41.99 | 9.34 | 5,996,108.32 | 2,186,900.45 | 91.68 | 91.36 | 92.94 | 92.74 | 93.13 | 91.28 | 91.44 |
| 65+45.28 | 9.30 | 5,996,109.59 | 2,186,903.46 | 91.67 | 91.32 | 92.88 | 92.68 | 93.08 | 91.22 | 91.41 |
| 65+48.56 | 9.26 | 5,996,110.86 | 2,186,906.50 | 91.66 | 91.30 | 92.85 | 92.66 | 93.03 | 91.21 | 91.39 |
| 65+51.84 | 9.22 | 5,996,112.13 | 2,186,909.51 | 91.67 | 91.29 | 92.79 | 92.62 | 92.97 | 91.20 | 91.38 |
| 65+55.12 | 9.19 | 5,996,113.40 | 2,186,912.56 | 91.67 | 91.27 | 92.82 | 92.65 | 92.99 | 91.20 | 91.35 |
| 65+58.40 | 9.16 | 5,996,114.70 | 2,186,915.57 | 91.68 | 91.27 | 92.88 | 92.71 | 93.05 | 91.21 | 91.33 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 65+61.68 | 9.12 | 5,996,115.97 | 2,186,918.61 | 91.68 | 91.27 | 92.90 | 92.74 | 93.05 | 91.23 | 91.32 |
| 65+64.96 | 9.09 | 5,996,117.24 | 2,186,921.62 | 91.69 | 91.30 | 92.90 | 92.75 | 93.04 | 91.28 | 91.32 |
| 65+68.24 | 9.06 | 5,996,118.51 | 2,186,924.63 | 91.69 | 91.31 | 92.87 | 92.74 | 93.00 | 91.28 | 91.34 |
| 65+71.52 | 9.03 | 5,996,119.77 | 2,186,927.67 | 91.70 | 91.30 | 92.88 | 92.73 | 93.03 | 91.27 | 91.33 |
| 65+74.80 | 8.99 | 5,996,121.08 | 2,186,930.68 | 91.70 | 91.27 | 92.85 | 92.68 | 93.01 | 91.26 | 91.27 |
| 65+78.08 | 8.96 | 5,996,122.34 | 2,186,933.73 | 91.71 | 91.26 | 92.87 | 92.71 | 93.04 | 91.28 | 91.23 |
| 65+81.36 | 8.93 | 5,996,123.61 | 2,186,936.74 | 91.71 | 91.25 | 92.89 | 92.72 | 93.05 | 91.27 | 91.22 |
| 65+84.65 | 8.89 | 5,996,124.88 | 2,186,939.78 | 91.72 | 91.27 | 92.90 | 92.73 | 93.07 | 91.25 | 91.28 |
| 65+87.93 | 8.86 | 5,996,126.18 | 2,186,942.79 | 91.72 | 91.25 | 92.85 | 92.68 | 93.02 | 91.22 | 91.28 |
| 65+91.21 | 8.83 | 5,996,127.45 | 2,186,945.80 | 91.73 | 91.25 | 92.82 | 92.66 | 92.99 | 91.21 | 91.28 |
| 65+94.49 | 8.80 | 5,996,128.72 | 2,186,948.84 | 91.73 | 91.22 | 92.81 | 92.66 | 92.96 | 91.20 | 91.24 |
| 65+97.77 | 8.76 | 5,996,129.99 | 2,186,951.85 | 91.74 | 91.19 | 92.77 | 92.61 | 92.94 | 91.20 | 91.18 |
| 66+01.05 | 8.72 | 5,996,131.26 | 2,186,954.90 | 91.74 | 91.16 | 92.73 | 92.59 | 92.88 | 91.17 | 91.14 |
| 66+04.33 | 8.67 | 5,996,132.53 | 2,186,957.91 | 91.73 | 91.13 | 92.72 | 92.56 | 92.87 | 91.14 | 91.12 |
| 66+07.61 | 8.60 | 5,996,133.76 | 2,186,960.95 | 91.72 | 91.13 | 92.73 | 92.61 | 92.85 | 91.11 | 91.15 |
| 66+10.89 | 8.52 | 5,996,135.00 | 2,186,963.99 | 91.70 | 91.13 | 92.76 | 92.62 | 92.90 | 91.10 | 91.16 |
| 66+14.17 | 8.44 | 5,996,136.23 | 2,186,967.04 | 91.69 | 91.12 | 92.74 | 92.59 | 92.90 | 91.10 | 91.14 |
| 66+17.45 | 8.37 | 5,996,137.47 | 2,186,970.08 | 91.67 | 91.13 | 92.73 | 92.56 | 92.90 | 91.11 | 91.14 |
| 66+20.73 | 8.30 | 5,996,138.70 | 2,186,973.12 | 91.66 | 91.13 | 92.71 | 92.56 | 92.86 | 91.13 | 91.13 |
| 66+24.02 | 8.22 | 5,996,139.94 | 2,186,976.17 | 91.64 | 91.15 | 92.71 | 92.56 | 92.86 | 91.13 | 91.16 |
| 66+27.30 | 8.15 | 5,996,141.18 | 2,186,979.21 | 91.62 | 91.14 | 92.71 | 92.56 | 92.85 | 91.11 | 91.17 |
| 66+30.58 | 8.07 | 5,996,142.41 | 2,186,982.22 | 91.61 | 91.12 | 92.66 | 92.51 | 92.81 | 91.07 | 91.16 |
| 66+33.86 | 8.00 | 5,996,143.65 | 2,186,985.26 | 91.59 | 91.10 | 92.61 | 92.46 | 92.75 | 91.05 | 91.14 |
| 66+37.14 | 7.92 | 5,996,144.88 | 2,186,988.31 | 91.58 | 91.08 | 92.60 | 92.43 | 92.77 | 91.03 | 91.13 |
| 66+40.42 | 7.84 | 5,996,146.12 | 2,186,991.35 | 91.56 | 91.08 | 92.64 | 92.46 | 92.81 | 91.04 | 91.12 |
| 66+43.70 | 7.77 | 5,996,147.35 | 2,186,994.39 | 91.55 | 91.08 | 92.67 | 92.48 | 92.87 | 91.07 | 91.09 |
| 66+46.98 | 7.69 | 5,996,148.59 | 2,186,997.43 | 91.53 | 91.07 | 92.66 | 92.50 | 92.82 | 91.10 | 91.03 |
| 66+50.26 | 7.61 | 5,996,149.83 | 2,187,000.48 | 91.52 | 91.07 | 92.65 | 92.48 | 92.82 | 91.11 | 91.02 |
| 66+53.54 | 7.54 | 5,996,151.06 | 2,187,003.52 | 91.50 | 91.05 | 92.64 | 92.49 | 92.81 | 91.09 | 91.01 |
| 66+56.82 | 7.46 | 5,996,152.30 | 2,187,006.56 | 91.49 | 91.02 | 92.61 | 92.43 | 92.79 | 91.05 | 90.98 |
| 66+60.10 | 7.39 | 5,996,153.53 | 2,187,009.61 | 91.47 | 90.98 | 92.58 | 92.38 | 92.78 | 91.02 | 90.94 |
| 66+63.39 | 7.31 | 5,996,154.77 | 2,187,012.65 | 91.46 | 90.96 | 92.52 | 92.33 | 92.71 | 90.98 | 90.94 |
| 66+66.67 | 7.23 | 5,996,156.01 | 2,187,015.69 | 91.44 | 90.95 | 92.50 | 92.32 | 92.68 | 90.94 | 90.98 |
| 66+69.95 | 7.15 | 5,996,157.24 | 2,187,018.70 | 91.43 | 90.95 | 92.47 | 92.30 | 92.63 | 90.91 | 91.00 |
| 66+73.23 | 7.08 | 5,996,158.48 | 2,187,021.75 | 91.41 | 90.96 | 92.46 | 92.29 | 92.64 | 90.91 | 91.01 |
| 66+76.51 | 7.00 | 5,996,159.71 | 2,187,024.79 | 91.40 | 90.95 | 92.49 | 92.29 | 92.69 | 90.91 | 91.00 |
| 66+79.79 | 6.92 | 5,996,160.95 | 2,187,027.83 | 91.38 | 90.95 | 92.49 | 92.29 | 92.68 | 90.92 | 90.99 |
| 66+83.07 | 6.85 | 5,996,162.18 | 2,187,030.88 | 91.37 | 90.94 | 92.49 | 92.28 | 92.69 | 90.91 | 90.98 |
| 66+86.35 | 6.77 | 5,996,163.42 | 2,187,033.92 | 91.35 | 90.95 | 92.44 | 92.26 | 92.62 | 90.92 | 90.98 |
| 66+89.63 | 6.70 | 5,996,164.66 | 2,187,036.96 | 91.34 | 90.94 | 92.43 | 92.25 | 92.61 | 90.91 | 90.98 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 66+92.91 | 6.64 | 5,996,165.89 | 2,187,040.01 | 91.31 | 90.94 | 92.41 | 92.22 | 92.60 | 90.90 | 90.97 |
| 66+96.19 | 6.61 | 5,996,167.16 | 2,187,043.02 | 91.28 | 90.93 | 92.40 | 92.22 | 92.59 | 90.88 | 90.98 |
| 66+99.48 | 6.58 | 5,996,168.46 | 2,187,046.03 | 91.25 | 90.91 | 92.39 | 92.22 | 92.55 | 90.86 | 90.97 |
| 67+02.76 | 6.55 | 5,996,169.73 | 2,187,049.07 | 91.22 | 90.91 | 92.35 | 92.20 | 92.49 | 90.86 | 90.95 |
| 67+06.04 | 6.53 | 5,996,171.00 | 2,187,052.08 | 91.18 | 90.87 | 92.30 | 92.15 | 92.44 | 90.84 | 90.91 |
| 67+09.32 | 6.50 | 5,996,172.30 | 2,187,055.09 | 91.15 | 90.85 | 92.26 | 92.10 | 92.42 | 90.81 | 90.89 |
| 67+12.60 | 6.47 | 5,996,173.57 | 2,187,058.13 | 91.12 | 90.84 | 92.22 | 92.05 | 92.40 | 90.78 | 90.89 |
| 67+15.88 | 6.45 | 5,996,174.87 | 2,187,061.14 | 91.08 | 90.84 | 92.22 | 92.04 | 92.40 | 90.77 | 90.91 |
| 67+19.16 | 6.42 | 5,996,176.14 | 2,187,064.15 | 91.05 | 90.86 | 92.21 | 92.04 | 92.39 | 90.76 | 90.95 |
| 67+22.44 | 6.39 | 5,996,177.41 | 2,187,067.20 | 91.01 | 90.86 | 92.23 | 92.05 | 92.41 | 90.74 | 90.98 |
| 67+25.72 | 6.36 | 5,996,178.71 | 2,187,070.21 | 90.99 | 90.84 | 92.24 | 92.06 | 92.42 | 90.74 | 90.94 |
| 67+29.00 | 6.31 | 5,996,179.94 | 2,187,073.25 | 90.97 | 90.84 | 92.22 | 92.05 | 92.39 | 90.75 | 90.92 |
| 67+32.28 | 6.25 | 5,996,181.21 | 2,187,076.26 | 90.97 | 90.82 | 92.22 | 92.05 | 92.40 | 90.75 | 90.90 |
| 67+35.56 | 6.18 | 5,996,182.45 | 2,187,079.30 | 90.97 | 90.84 | 92.22 | 92.02 | 92.42 | 90.75 | 90.94 |
| 67+38.85 | 6.11 | 5,996,183.68 | 2,187,082.35 | 90.98 | 90.86 | 92.21 | 91.97 | 92.46 | 90.75 | 90.97 |
| 67+42.13 | 6.04 | 5,996,184.92 | 2,187,085.39 | 90.98 | 90.89 | 92.25 | 92.02 | 92.48 | 90.77 | 91.00 |
| 67+45.41 | 5.97 | 5,996,186.16 | 2,187,088.43 | 90.98 | 90.91 | 92.25 | 92.04 | 92.46 | 90.79 | 91.03 |
| 67+48.69 | 5.90 | 5,996,187.42 | 2,187,091.48 | 90.99 | 90.87 | 92.30 | 92.15 | 92.45 | 90.79 | 90.95 |
| 67+51.97 | 5.83 | 5,996,188.66 | 2,187,094.52 | 90.99 | 90.84 | 92.30 | 92.15 | 92.45 | 90.78 | 90.89 |
| 67+55.25 | 5.76 | 5,996,189.90 | 2,187,097.53 | 91.00 | 90.77 | 92.32 | 92.19 | 92.45 | 90.74 | 90.81 |
| 67+58.53 | 5.71 | 5,996,191.17 | 2,187,100.57 | 91.00 | 90.80 | 92.29 | 92.15 | 92.43 | 90.74 | 90.86 |
| 67+61.81 | 5.66 | 5,996,192.40 | 2,187,103.61 | 90.99 | 90.83 | 92.30 | 92.18 | 92.42 | 90.76 | 90.90 |
| 67+65.09 | 5.62 | 5,996,193.67 | 2,187,106.63 | 90.99 | 90.86 | 92.30 | 92.18 | 92.42 | 90.80 | 90.91 |
| 67+68.37 | 5.58 | 5,996,194.97 | 2,187,109.63 | 90.99 | 90.85 | 92.33 | 92.22 | 92.43 | 90.82 | 90.87 |
| 67+71.65 | 5.54 | 5,996,196.24 | 2,187,112.68 | 90.98 | 90.82 | 92.29 | 92.18 | 92.40 | 90.84 | 90.81 |
| 67+74.93 | 5.51 | 5,996,197.51 | 2,187,115.69 | 90.98 | 90.80 | 92.23 | 92.12 | 92.35 | 90.84 | 90.76 |
| 67+78.22 | 5.47 | 5,996,198.78 | 2,187,118.73 | 90.97 | 90.79 | 92.17 | 92.04 | 92.30 | 90.79 | 90.78 |
| 67+81.50 | 5.43 | 5,996,200.04 | 2,187,121.74 | 90.97 | 90.77 | 92.12 | 91.97 | 92.27 | 90.75 | 90.79 |
| 67+84.78 | 5.39 | 5,996,201.31 | 2,187,124.78 | 90.97 | 90.76 | 92.14 | 92.00 | 92.28 | 90.72 | 90.80 |
| 67+88.06 | 5.35 | 5,996,202.58 | 2,187,127.79 | 90.97 | 90.74 | 92.15 | 92.02 | 92.29 | 90.71 | 90.77 |
| 67+91.34 | 5.31 | 5,996,203.85 | 2,187,130.84 | 90.98 | 90.73 | 92.17 | 92.05 | 92.28 | 90.74 | 90.73 |
| 67+94.62 | 5.27 | 5,996,205.12 | 2,187,133.85 | 90.99 | 90.71 | 92.13 | 92.03 | 92.22 | 90.74 | 90.67 |
| 67+97.90 | 5.23 | 5,996,206.39 | 2,187,136.89 | 90.99 | 90.67 | 92.11 | 92.02 | 92.20 | 90.74 | 90.61 |
| 68+01.18 | 5.20 | 5,996,207.66 | 2,187,139.90 | 91.00 | 90.62 | 92.07 | 91.98 | 92.15 | 90.68 | 90.55 |
| 68+04.46 | 5.16 | 5,996,208.92 | 2,187,142.94 | 91.01 | 90.60 | 92.07 | 92.00 | 92.13 | 90.65 | 90.55 |
| 68+07.74 | 5.12 | 5,996,210.19 | 2,187,145.95 | 91.01 | 90.59 | 92.07 | 92.05 | 92.08 | 90.64 | 90.55 |
| 68+11.02 | 5.08 | 5,996,211.46 | 2,187,149.00 | 91.02 | 90.59 | 92.10 | 92.10 | 92.10 | 90.62 | 90.57 |
| 68+14.30 | 5.05 | 5,996,212.73 | 2,187,152.01 | 91.03 | 90.59 | 92.09 | 92.08 | 92.10 | 90.61 | 90.58 |
| 68+17.59 | 5.02 | 5,996,214.03 | 2,187,155.05 | 91.03 | 90.58 | 92.07 | 92.00 | 92.13 | 90.59 | 90.57 |
| 68+20.87 | 5.01 | 5,996,215.33 | 2,187,158.06 | 91.03 | 90.58 | 92.01 | 91.96 | 92.06 | 90.62 | 90.55 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 68+24.15 | 5.01 | 5,996,216.63 | 2,187,161.07 | 91.02 | 90.59 | 91.97 | 91.95 | 91.99 | 90.64 | 90.54 |
| 68+27.43 | 5.01 | 5,996,217.94 | 2,187,164.08 | 91.02 | 90.58 | 92.00 | 92.00 | 91.99 | 90.64 | 90.53 |
| 68+30.71 | 5.01 | 5,996,219.24 | 2,187,167.09 | 91.02 | 90.58 | 92.05 | 92.05 | 92.05 | 90.61 | 90.56 |
| 68+33.99 | 5.01 | 5,996,220.54 | 2,187,170.10 | 91.01 | 90.60 | 92.09 | 92.05 | 92.14 | 90.61 | 90.59 |
| 68+37.27 | 5.00 | 5,996,221.84 | 2,187,173.11 | 91.01 | 90.61 | 92.08 | 92.02 | 92.14 | 90.61 | 90.61 |
| 68+40.55 | 5.00 | 5,996,223.14 | 2,187,176.12 | 91.01 | 90.61 | 92.09 | 91.99 | 92.18 | 90.63 | 90.58 |
| 68+43.83 | 5.00 | 5,996,224.44 | 2,187,179.13 | 91.00 | 90.57 | 92.06 | 91.94 | 92.18 | 90.61 | 90.53 |
| 68+47.11 | 5.00 | 5,996,225.74 | 2,187,182.14 | 90.99 | 90.58 | 92.04 | 91.95 | 92.14 | 90.63 | 90.53 |
| 68+50.39 | 4.99 | 5,996,227.04 | 2,187,185.15 | 90.97 | 90.53 | 91.96 | 91.83 | 92.08 | 90.57 | 90.50 |
| 68+53.67 | 4.99 | 5,996,228.35 | 2,187,188.16 | 90.94 | 90.53 | 91.92 | 91.81 | 92.04 | 90.57 | 90.49 |
| 68+56.96 | 5.01 | 5,996,229.65 | 2,187,191.17 | 90.92 | 90.48 | 91.91 | 91.77 | 92.06 | 90.50 | 90.46 |
| 68+60.24 | 5.05 | 5,996,230.95 | 2,187,194.18 | 90.89 | 90.49 | 91.95 | 91.84 | 92.06 | 90.51 | 90.46 |
| 68+63.52 | 5.08 | 5,996,232.25 | 2,187,197.19 | 90.86 | 90.46 | 91.94 | 91.84 | 92.04 | 90.48 | 90.44 |
| 68+66.80 | 5.11 | 5,996,233.55 | 2,187,200.20 | 90.83 | 90.44 | 91.90 | 91.80 | 92.00 | 90.49 | 90.40 |
| 68+70.08 | 5.15 | 5,996,234.85 | 2,187,203.21 | 90.81 | 90.42 | 91.85 | 91.73 | 91.97 | 90.48 | 90.36 |
| 68+73.36 | 5.18 | 5,996,236.15 | 2,187,206.25 | 90.78 | 90.40 | 91.83 | 91.70 | 91.96 | 90.45 | 90.34 |
| 68+76.64 | 5.22 | 5,996,237.45 | 2,187,209.26 | 90.76 | 90.38 | 91.82 | 91.72 | 91.93 | 90.43 | 90.32 |
| 68+79.92 | 5.25 | 5,996,238.76 | 2,187,212.27 | 90.75 | 90.38 | 91.80 | 91.70 | 91.91 | 90.42 | 90.33 |
| 68+83.20 | 5.28 | 5,996,240.06 | 2,187,215.28 | 90.74 | 90.37 | 91.84 | 91.72 | 91.95 | 90.39 | 90.35 |
| 68+86.48 | 5.31 | 5,996,241.36 | 2,187,218.29 | 90.73 | 90.39 | 91.86 | 91.72 | 91.99 | 90.38 | 90.41 |
| 68+89.76 | 5.34 | 5,996,242.66 | 2,187,221.30 | 90.73 | 90.39 | 91.89 | 91.76 | 92.03 | 90.39 | 90.40 |
| 68+93.04 | 5.37 | 5,996,243.96 | 2,187,224.31 | 90.72 | 90.39 | 91.87 | 91.74 | 92.00 | 90.42 | 90.36 |
| 68+96.33 | 5.41 | 5,996,245.26 | 2,187,227.32 | 90.71 | 90.36 | 91.88 | 91.74 | 92.02 | 90.42 | 90.31 |
| 68+99.61 | 5.44 | 5,996,246.56 | 2,187,230.33 | 90.70 | 90.34 | 91.85 | 91.71 | 91.98 | 90.40 | 90.28 |
| 69+02.89 | 5.47 | 5,996,247.86 | 2,187,233.34 | 90.69 | 90.32 | 91.85 | 91.74 | 91.95 | 90.34 | 90.30 |
| 69+06.17 | 5.51 | 5,996,249.17 | 2,187,236.35 | 90.68 | 90.31 | 91.79 | 91.72 | 91.86 | 90.31 | 90.32 |
| 69+09.45 | 5.55 | 5,996,250.47 | 2,187,239.36 | 90.67 | 90.31 | 91.79 | 91.76 | 91.82 | 90.27 | 90.34 |
| 69+12.73 | 5.59 | 5,996,251.77 | 2,187,242.37 | 90.65 | 90.29 | 91.70 | 91.70 | 91.70 | 90.27 | 90.31 |
| 69+16.01 | 5.64 | 5,996,253.10 | 2,187,245.38 | 90.64 | 90.26 | 91.69 | 91.67 | 91.72 | 90.26 | 90.26 |
| 69+19.29 | 5.70 | 5,996,254.40 | 2,187,248.39 | 90.63 | 90.25 | 91.68 | 91.62 | 91.74 | 90.27 | 90.22 |
| 69+22.57 | 5.74 | 5,996,255.74 | 2,187,251.40 | 90.62 | 90.24 | 91.75 | 91.63 | 91.86 | 90.28 | 90.20 |
| 69+25.85 | 5.79 | 5,996,257.04 | 2,187,254.41 | 90.61 | 90.25 | 91.74 | 91.62 | 91.85 | 90.28 | 90.22 |
| 69+29.13 | 5.84 | 5,996,258.37 | 2,187,257.42 | 90.60 | 90.24 | 91.73 | 91.61 | 91.85 | 90.27 | 90.21 |
| 69+32.41 | 5.89 | 5,996,259.67 | 2,187,260.43 | 90.59 | 90.24 | 91.73 | 91.59 | 91.86 | 90.23 | 90.25 |
| 69+35.70 | 5.94 | 5,996,261.01 | 2,187,263.44 | 90.57 | 90.23 | 91.75 | 91.60 | 91.90 | 90.23 | 90.23 |
| 69+38.98 | 5.99 | 5,996,262.31 | 2,187,266.45 | 90.56 | 90.22 | 91.76 | 91.61 | 91.91 | 90.25 | 90.20 |
| 69+42.26 | 6.04 | 5,996,263.64 | 2,187,269.46 | 90.55 | 90.23 | 91.74 | 91.60 | 91.89 | 90.30 | 90.16 |
| 69+45.54 | 6.09 | 5,996,264.94 | 2,187,272.44 | 90.53 | 90.24 | 91.72 | 91.57 | 91.87 | 90.34 | 90.13 |
| 69+48.82 | 6.14 | 5,996,266.25 | 2,187,275.45 | 90.52 | 90.25 | 91.72 | 91.57 | 91.87 | 90.34 | 90.15 |
| 69+52.10 | 6.19 | 5,996,267.58 | 2,187,278.46 | 90.51 | 90.22 | 91.71 | 91.55 | 91.86 | 90.29 | 90.15 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 69+55.38 | 6.24 | 5,996,268.88 | 2,187,281.47 | 90.49 | 90.21 | 91.68 | 91.55 | 91.82 | 90.27 | 90.15 |
| 69+58.66 | 6.29 | 5,996,270.21 | 2,187,284.47 | 90.48 | 90.17 | 91.64 | 91.50 | 91.79 | 90.20 | 90.15 |
| 69+61.94 | 6.34 | 5,996,271.52 | 2,187,287.48 | 90.47 | 90.16 | 91.64 | 91.54 | 91.74 | 90.17 | 90.15 |
| 69+65.22 | 6.39 | 5,996,272.85 | 2,187,290.49 | 90.45 | 90.13 | 91.64 | 91.57 | 91.72 | 90.11 | 90.15 |
| 69+68.50 | 6.44 | 5,996,274.15 | 2,187,293.50 | 90.45 | 90.13 | 91.66 | 91.59 | 91.73 | 90.11 | 90.15 |
| 69+71.78 | 6.48 | 5,996,275.45 | 2,187,296.51 | 90.44 | 90.13 | 91.64 | 91.56 | 91.73 | 90.12 | 90.15 |
| 69+75.07 | 6.52 | 5,996,276.75 | 2,187,299.52 | 90.44 | 90.13 | 91.64 | 91.51 | 91.77 | 90.11 | 90.15 |
| 69+78.35 | 6.56 | 5,996,278.05 | 2,187,302.53 | 90.44 | 90.13 | 91.63 | 91.50 | 91.77 | 90.13 | 90.13 |
| 69+81.63 | 6.59 | 5,996,279.39 | 2,187,305.54 | 90.44 | 90.14 | 91.67 | 91.53 | 91.81 | 90.16 | 90.12 |
| 69+84.91 | 6.63 | 5,996,280.69 | 2,187,308.55 | 90.44 | 90.14 | 91.63 | 91.51 | 91.76 | 90.17 | 90.11 |
| 69+88.19 | 6.67 | 5,996,281.99 | 2,187,311.56 | 90.44 | 90.12 | 91.61 | 91.49 | 91.72 | 90.15 | 90.10 |
| 69+91.47 | 6.71 | 5,996,283.29 | 2,187,314.57 | 90.44 | 90.10 | 91.54 | 91.46 | 91.61 | 90.10 | 90.09 |
| 69+94.75 | 6.75 | 5,996,284.59 | 2,187,317.58 | 90.44 | 90.08 | 91.51 | 91.43 | 91.60 | 90.08 | 90.07 |
| 69+98.03 | 6.78 | 5,996,285.90 | 2,187,320.59 | 90.44 | 90.07 | 91.50 | 91.44 | 91.57 | 90.05 | 90.09 |
| 70+01.31 | 6.83 | 5,996,287.20 | 2,187,323.60 | 90.42 | 90.05 | 91.53 | 91.43 | 91.62 | 90.03 | 90.08 |
| 70+04.59 | 6.87 | 5,996,288.53 | 2,187,326.61 | 90.41 | 90.05 | 91.54 | 91.43 | 91.64 | 90.04 | 90.06 |
| 70+07.87 | 6.92 | 5,996,289.83 | 2,187,329.62 | 90.39 | 90.03 | 91.52 | 91.35 | 91.69 | 90.04 | 90.03 |
| 70+11.15 | 6.96 | 5,996,291.13 | 2,187,332.63 | 90.37 | 90.03 | 91.48 | 91.31 | 91.66 | 90.06 | 90.00 |
| 70+14.44 | 7.01 | 5,996,292.47 | 2,187,335.64 | 90.35 | 90.00 | 91.44 | 91.28 | 91.59 | 90.00 | 89.99 |
| 70+17.72 | 7.05 | 5,996,293.77 | 2,187,338.65 | 90.34 | 90.00 | 91.44 | 91.33 | 91.56 | 90.03 | 89.97 |
| 70+21.00 | 7.10 | 5,996,295.07 | 2,187,341.66 | 90.32 | 90.00 | 91.44 | 91.33 | 91.56 | 90.02 | 89.99 |
| 70+24.28 | 7.14 | 5,996,296.40 | 2,187,344.64 | 90.30 | 90.02 | 91.46 | 91.34 | 91.58 | 90.04 | 89.99 |
| 70+27.56 | 7.19 | 5,996,297.70 | 2,187,347.65 | 90.29 | 90.02 | 91.46 | 91.35 | 91.57 | 90.04 | 89.99 |
| 70+30.84 | 7.24 | 5,996,299.04 | 2,187,350.66 | 90.28 | 90.00 | 91.43 | 91.39 | 91.47 | 90.05 | 89.95 |
| 70+34.12 | 7.30 | 5,996,300.34 | 2,187,353.67 | 90.27 | 89.99 | 91.44 | 91.45 | 91.44 | 90.06 | 89.92 |
| 70+37.40 | 7.35 | 5,996,301.67 | 2,187,356.68 | 90.27 | 90.00 | 91.48 | 91.45 | 91.50 | 90.08 | 89.92 |
| 70+40.68 | 7.41 | 5,996,302.98 | 2,187,359.69 | 90.27 | 89.99 | 91.56 | 91.46 | 91.67 | 90.07 | 89.90 |
| 70+43.96 | 7.47 | 5,996,304.31 | 2,187,362.70 | 90.26 | 90.00 | 91.60 | 91.44 | 91.77 | 90.06 | 89.95 |
| 70+47.24 | 7.52 | 5,996,305.64 | 2,187,365.68 | 90.26 | 90.00 | 91.62 | 91.50 | 91.73 | 90.04 | 89.96 |
| 70+50.52 | 7.58 | 5,996,306.94 | 2,187,368.68 | 90.26 | 90.00 | 91.60 | 91.48 | 91.72 | 90.03 | 89.97 |
| 70+53.81 | 7.64 | 5,996,308.28 | 2,187,371.69 | 90.25 | 89.98 | 91.57 | 91.44 | 91.71 | 90.03 | 89.93 |
| 70+57.09 | 7.69 | 5,996,309.61 | 2,187,374.70 | 90.25 | 89.93 | 91.53 | 91.37 | 91.69 | 89.99 | 89.87 |
| 70+60.37 | 7.74 | 5,996,310.91 | 2,187,377.71 | 90.25 | 89.89 | 91.50 | 91.37 | 91.63 | 89.96 | 89.82 |
| 70+63.65 | 7.77 | 5,996,312.21 | 2,187,380.72 | 90.25 | 89.86 | 91.48 | 91.36 | 91.60 | 89.94 | 89.79 |
| 70+66.93 | 7.80 | 5,996,313.52 | 2,187,383.73 | 90.25 | 89.86 | 91.48 | 91.34 | 91.61 | 89.93 | 89.80 |
| 70+70.21 | 7.82 | 5,996,314.78 | 2,187,386.74 | 90.25 | 89.85 | 91.47 | 91.31 | 91.63 | 89.90 | 89.79 |
| 70+73.49 | 7.85 | 5,996,316.09 | 2,187,389.75 | 90.25 | 89.84 | 91.46 | 91.30 | 91.63 | 89.86 | 89.82 |
| 70+76.77 | 7.87 | 5,996,317.39 | 2,187,392.80 | 90.25 | 89.80 | 91.38 | 91.25 | 91.51 | 89.82 | 89.79 |
| 70+80.05 | 7.90 | 5,996,318.69 | 2,187,395.81 | 90.25 | 89.81 | 91.34 | 91.20 | 91.48 | 89.81 | 89.82 |
| 70+83.33 | 7.92 | 5,996,319.99 | 2,187,398.82 | 90.25 | 89.81 | 91.33 | 91.20 | 91.46 | 89.81 | 89.82 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 70+86.61 | 7.95 | 5,996,321.26 | 2,187,401.83 | 90.25 | 89.82 | 91.38 | 91.21 | 91.56 | 89.83 | 89.82 |
| 70+89.90 | 7.98 | 5,996,322.56 | 2,187,404.84 | 90.25 | 89.82 | 91.39 | 91.24 | 91.55 | 89.83 | 89.81 |
| 70+93.18 | 8.01 | 5,996,323.86 | 2,187,407.85 | 90.24 | 89.83 | 91.33 | 91.18 | 91.48 | 89.84 | 89.82 |
| 70+96.46 | 8.04 | 5,996,325.16 | 2,187,410.86 | 90.22 | 89.81 | 91.32 | 91.20 | 91.44 | 89.80 | 89.83 |
| 70+99.74 | 8.08 | 5,996,326.46 | 2,187,413.87 | 90.20 | 89.83 | 91.31 | 91.18 | 91.43 | 89.81 | 89.85 |
| 71+03.02 | 8.12 | 5,996,327.76 | 2,187,416.88 | 90.17 | 89.81 | 91.35 | 91.25 | 91.45 | 89.82 | 89.81 |
| 71+06.30 | 8.17 | 5,996,329.10 | 2,187,419.89 | 90.14 | 89.80 | 91.33 | 91.24 | 91.41 | 89.83 | 89.77 |
| 71+09.58 | 8.21 | 5,996,330.40 | 2,187,422.90 | 90.11 | 89.76 | 91.31 | 91.26 | 91.36 | 89.81 | 89.72 |
| 71+12.86 | 8.25 | 5,996,331.70 | 2,187,425.91 | 90.08 | 89.74 | 91.30 | 91.25 | 91.34 | 89.77 | 89.70 |
| 71+16.14 | 8.29 | 5,996,333.00 | 2,187,428.92 | 90.05 | 89.71 | 91.30 | 91.24 | 91.35 | 89.76 | 89.67 |
| 71+19.42 | 8.34 | 5,996,334.34 | 2,187,431.93 | 90.02 | 89.70 | 91.32 | 91.24 | 91.40 | 89.73 | 89.67 |
| 71+22.70 | 8.38 | 5,996,335.64 | 2,187,434.94 | 89.99 | 89.68 | 91.34 | 91.23 | 91.45 | 89.72 | 89.63 |
| 71+25.98 | 8.42 | 5,996,336.94 | 2,187,437.95 | 89.97 | 89.70 | 91.35 | 91.24 | 91.46 | 89.74 | 89.66 |
| 71+29.27 | 8.45 | 5,996,338.24 | 2,187,440.96 | 89.95 | 89.72 | 91.35 | 91.26 | 91.44 | 89.80 | 89.66 |
| 71+32.55 | 8.48 | 5,996,339.54 | 2,187,443.97 | 89.94 | 89.71 | 91.33 | 91.26 | 91.40 | 89.80 | 89.63 |
| 71+35.83 | 8.51 | 5,996,340.84 | 2,187,447.01 | 89.93 | 89.69 | 91.32 | 91.24 | 91.40 | 89.79 | 89.60 |
| 71+39.11 | 8.54 | 5,996,342.14 | 2,187,450.02 | 89.93 | 89.66 | 91.26 | 91.15 | 91.37 | 89.75 | 89.57 |
| 71+42.39 | 8.56 | 5,996,343.41 | 2,187,453.03 | 89.92 | 89.66 | 91.22 | 91.12 | 91.32 | 89.71 | 89.60 |
| 71+45.67 | 8.59 | 5,996,344.71 | 2,187,456.04 | 89.91 | 89.65 | 91.19 | 91.09 | 91.30 | 89.71 | 89.59 |
| 71+48.95 | 8.62 | 5,996,346.01 | 2,187,459.05 | 89.91 | 89.65 | 91.19 | 91.09 | 91.30 | 89.72 | 89.58 |
| 71+52.23 | 8.64 | 5,996,347.32 | 2,187,462.06 | 89.90 | 89.65 | 91.19 | 91.11 | 91.27 | 89.73 | 89.56 |
| 71+55.51 | 8.67 | 5,996,348.62 | 2,187,465.10 | 89.90 | 89.62 | 91.15 | 91.09 | 91.22 | 89.69 | 89.54 |
| 71+58.79 | 8.69 | 5,996,349.89 | 2,187,468.11 | 89.89 | 89.58 | 91.12 | 91.05 | 91.18 | 89.64 | 89.51 |
| 71+62.07 | 8.72 | 5,996,351.19 | 2,187,471.12 | 89.89 | 89.53 | 91.08 | 90.97 | 91.18 | 89.58 | 89.49 |
| 71+65.35 | 8.75 | 5,996,352.49 | 2,187,474.13 | 89.90 | 89.52 | 91.07 | 90.94 | 91.18 | 89.53 | 89.50 |
| 71+68.64 | 8.79 | 5,996,353.79 | 2,187,477.14 | 89.91 | 89.53 | 91.06 | 90.94 | 91.18 | 89.56 | 89.51 |
| 71+71.92 | 8.82 | 5,996,355.09 | 2,187,480.15 | 89.92 | 89.54 | 91.07 | 90.94 | 91.20 | 89.58 | 89.50 |
| 71+75.20 | 8.85 | 5,996,356.39 | 2,187,483.16 | 89.93 | 89.54 | 91.02 | 90.94 | 91.10 | 89.60 | 89.48 |
| 71+78.48 | 8.88 | 5,996,357.69 | 2,187,486.20 | 89.94 | 89.53 | 91.00 | 90.94 | 91.08 | 89.57 | 89.49 |
| 71+81.76 | 8.91 | 5,996,358.99 | 2,187,489.21 | 89.95 | 89.53 | 91.01 | 90.95 | 91.07 | 89.56 | 89.50 |
| 71+85.04 | 8.95 | 5,996,360.30 | 2,187,492.22 | 89.96 | 89.52 | 91.04 | 90.91 | 91.16 | 89.54 | 89.50 |
| 71+88.32 | 8.98 | 5,996,361.60 | 2,187,495.23 | 89.97 | 89.53 | 91.04 | 90.91 | 91.16 | 89.53 | 89.52 |
| 71+91.60 | 9.01 | 5,996,362.90 | 2,187,498.24 | 89.97 | 89.53 | 91.01 | 90.87 | 91.15 | 89.52 | 89.54 |
| 71+94.88 | 9.03 | 5,996,364.17 | 2,187,501.25 | 89.97 | 89.53 | 90.99 | 90.87 | 91.12 | 89.50 | 89.56 |
| 71+98.16 | 9.04 | 5,996,365.47 | 2,187,504.30 | 89.96 | 89.48 | 90.98 | 90.86 | 91.10 | 89.47 | 89.50 |
| 72+01.44 | 9.05 | 5,996,366.74 | 2,187,507.31 | 89.95 | 89.46 | 90.95 | 90.86 | 91.05 | 89.44 | 89.49 |
| 72+04.72 | 9.05 | 5,996,368.01 | 2,187,510.32 | 89.94 | 89.46 | 90.94 | 90.84 | 91.03 | 89.43 | 89.50 |
| 72+08.01 | 9.06 | 5,996,369.27 | 2,187,513.36 | 89.92 | 89.46 | 90.91 | 90.80 | 91.01 | 89.41 | 89.51 |
| 72+11.29 | 9.06 | 5,996,370.54 | 2,187,516.37 | 89.91 | 89.45 | 90.89 | 90.78 | 90.99 | 89.43 | 89.47 |
| 72+14.57 | 9.07 | 5,996,371.84 | 2,187,519.41 | 89.90 | 89.43 | 90.87 | 90.77 | 90.98 | 89.41 | 89.44 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 72+17.85 | 9.07 | 5,996,373.11 | 2,187,522.42 | 89.88 | 89.42 | 90.86 | 90.75 | 90.97 | 89.41 | 89.43 |
| 72+21.13 | 9.08 | 5,996,374.38 | 2,187,525.43 | 89.87 | 89.40 | 90.87 | 90.74 | 91.01 | 89.39 | 89.41 |
| 72+24.41 | 9.09 | 5,996,375.68 | 2,187,528.48 | 89.85 | 89.39 | 90.87 | 90.72 | 91.02 | 89.38 | 89.40 |
| 72+27.69 | 9.12 | 5,996,376.95 | 2,187,531.49 | 89.83 | 89.39 | 90.87 | 90.72 | 91.03 | 89.38 | 89.39 |
| 72+30.97 | 9.16 | 5,996,378.25 | 2,187,534.50 | 89.80 | 89.39 | 90.81 | 90.71 | 90.91 | 89.40 | 89.37 |
| 72+34.25 | 9.20 | 5,996,379.59 | 2,187,537.50 | 89.78 | 89.40 | 90.79 | 90.72 | 90.87 | 89.41 | 89.38 |
| 72+37.53 | 9.25 | 5,996,380.89 | 2,187,540.51 | 89.75 | 89.38 | 90.76 | 90.72 | 90.80 | 89.40 | 89.35 |
| 72+40.81 | 9.29 | 5,996,382.19 | 2,187,543.52 | 89.72 | 89.35 | 90.77 | 90.69 | 90.86 | 89.37 | 89.33 |
| 72+44.09 | 9.33 | 5,996,383.49 | 2,187,546.53 | 89.69 | 89.32 | 90.77 | 90.68 | 90.87 | 89.36 | 89.28 |
| 72+47.38 | 9.37 | 5,996,384.82 | 2,187,549.54 | 89.66 | 89.34 | 90.79 | 90.67 | 90.90 | 89.38 | 89.29 |
| 72+50.66 | 9.42 | 5,996,386.12 | 2,187,552.55 | 89.64 | 89.36 | 90.76 | 90.63 | 90.90 | 89.39 | 89.34 |
| 72+53.94 | 9.46 | 5,996,387.43 | 2,187,555.56 | 89.61 | 89.35 | 90.71 | 90.55 | 90.87 | 89.38 | 89.31 |
| 72+57.22 | 9.49 | 5,996,388.73 | 2,187,558.57 | 89.58 | 89.32 | 90.66 | 90.48 | 90.84 | 89.35 | 89.28 |
| 72+60.50 | 9.52 | 5,996,390.03 | 2,187,561.58 | 89.57 | 89.27 | 90.61 | 90.48 | 90.75 | 89.30 | 89.24 |
| 72+63.78 | 9.55 | 5,996,391.33 | 2,187,564.59 | 89.56 | 89.25 | 90.62 | 90.48 | 90.76 | 89.25 | 89.24 |
| 72+67.06 | 9.57 | 5,996,392.63 | 2,187,567.60 | 89.55 | 89.25 | 90.60 | 90.45 | 90.75 | 89.21 | 89.28 |
| 72+70.34 | 9.59 | 5,996,393.90 | 2,187,570.65 | 89.54 | 89.25 | 90.62 | 90.43 | 90.80 | 89.21 | 89.29 |
| 72+73.62 | 9.61 | 5,996,395.20 | 2,187,573.66 | 89.53 | 89.25 | 90.62 | 90.45 | 90.78 | 89.21 | 89.28 |
| 72+76.90 | 9.63 | 5,996,396.47 | 2,187,576.67 | 89.52 | 89.21 | 90.62 | 90.46 | 90.77 | 89.20 | 89.22 |
| 72+80.18 | 9.65 | 5,996,397.77 | 2,187,579.68 | 89.52 | 89.21 | 90.62 | 90.46 | 90.78 | 89.22 | 89.21 |
| 72+83.46 | 9.67 | 5,996,399.07 | 2,187,582.72 | 89.51 | 89.21 | 90.60 | 90.44 | 90.76 | 89.24 | 89.18 |
| 72+86.75 | 9.69 | 5,996,400.34 | 2,187,585.73 | 89.50 | 89.23 | 90.62 | 90.46 | 90.77 | 89.23 | 89.24 |
| 72+90.03 | 9.71 | 5,996,401.64 | 2,187,588.74 | 89.49 | 89.20 | 90.63 | 90.49 | 90.78 | 89.17 | 89.23 |
| 72+93.31 | 9.73 | 5,996,402.91 | 2,187,591.75 | 89.48 | 89.20 | 90.66 | 90.51 | 90.80 | 89.16 | 89.24 |
| 72+96.59 | 9.75 | 5,996,404.21 | 2,187,594.76 | 89.47 | 89.19 | 90.68 | 90.53 | 90.82 | 89.22 | 89.16 |
| 72+99.87 | 9.78 | 5,996,405.51 | 2,187,597.80 | 89.46 | 89.20 | 90.64 | 90.48 | 90.80 | 89.26 | 89.14 |
| 73+03.15 | 9.80 | 5,996,406.81 | 2,187,600.81 | 89.45 | 89.20 | 90.64 | 90.48 | 90.79 | 89.28 | 89.11 |
| 73+06.43 | 9.83 | 5,996,408.08 | 2,187,603.82 | 89.43 | 89.18 | 90.60 | 90.47 | 90.72 | 89.26 | 89.10 |
| 73+09.71 | 9.85 | 5,996,409.38 | 2,187,606.83 | 89.42 | 89.15 | 90.59 | 90.50 | 90.69 | 89.23 | 89.06 |
| 73+12.99 | 9.88 | 5,996,410.68 | 2,187,609.84 | 89.41 | 89.13 | 90.53 | 90.43 | 90.64 | 89.16 | 89.09 |
| 73+16.27 | 9.90 | 5,996,411.99 | 2,187,612.89 | 89.39 | 89.10 | 90.52 | 90.42 | 90.62 | 89.13 | 89.08 |
| 73+19.55 | 9.92 | 5,996,413.25 | 2,187,615.90 | 89.38 | 89.11 | 90.49 | 90.41 | 90.57 | 89.12 | 89.10 |
| 73+22.83 | 9.95 | 5,996,414.56 | 2,187,618.91 | 89.37 | 89.10 | 90.49 | 90.41 | 90.56 | 89.13 | 89.06 |
| 73+26.12 | 9.96 | 5,996,415.86 | 2,187,621.92 | 89.37 | 89.08 | 90.45 | 90.32 | 90.57 | 89.08 | 89.08 |
| 73+29.40 | 9.98 | 5,996,417.13 | 2,187,624.96 | 89.37 | 89.08 | 90.46 | 90.31 | 90.62 | 89.06 | 89.10 |
| 73+32.68 | 9.99 | 5,996,418.39 | 2,187,627.97 | 89.37 | 89.10 | 90.48 | 90.32 | 90.63 | 89.06 | 89.13 |
| 73+35.96 | 10.00 | 5,996,419.70 | 2,187,630.98 | 89.37 | 89.11 | 90.51 | 90.38 | 90.64 | 89.08 | 89.13 |
| 73+39.24 | 10.01 | 5,996,420.96 | 2,187,634.02 | 89.37 | 89.11 | 90.47 | 90.33 | 90.61 | 89.08 | 89.13 |
| 73+42.52 | 10.03 | 5,996,422.27 | 2,187,637.03 | 89.37 | 89.10 | 90.48 | 90.31 | 90.64 | 89.08 | 89.11 |
| 73+45.80 | 10.04 | 5,996,423.53 | 2,187,640.04 | 89.37 | 89.08 | 90.43 | 90.26 | 90.61 | 89.07 | 89.10 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 73+49.08 | 10.05 | 5,996,424.80 | 2,187,643.08 | 89.37 | 89.06 | 90.43 | 90.26 | 90.61 | 89.05 | 89.06 |
| 73+52.36 | 10.06 | 5,996,426.10 | 2,187,646.09 | 89.36 | 89.04 | 90.41 | 90.23 | 90.58 | 89.03 | 89.05 |
| 73+55.64 | 10.07 | 5,996,427.37 | 2,187,649.10 | 89.37 | 89.02 | 90.41 | 90.25 | 90.58 | 89.02 | 89.02 |
| 73+58.92 | 10.08 | 5,996,428.64 | 2,187,652.15 | 89.37 | 88.99 | 90.40 | 90.23 | 90.56 | 88.99 | 88.99 |
| 73+62.20 | 10.08 | 5,996,429.91 | 2,187,655.16 | 89.38 | 88.94 | 90.37 | 90.22 | 90.52 | 88.95 | 88.92 |
| 73+65.49 | 10.08 | 5,996,431.18 | 2,187,658.20 | 89.38 | 88.90 | 90.35 | 90.22 | 90.49 | 88.92 | 88.89 |
| 73+68.77 | 10.09 | 5,996,432.48 | 2,187,661.21 | 89.39 | 88.90 | 90.35 | 90.21 | 90.49 | 88.92 | 88.88 |
| 73+72.05 | 10.09 | 5,996,433.75 | 2,187,664.25 | 89.39 | 88.91 | 90.35 | 90.22 | 90.48 | 88.91 | 88.91 |
| 73+75.33 | 10.09 | 5,996,435.02 | 2,187,667.26 | 89.40 | 88.93 | 90.33 | 90.18 | 90.48 | 88.91 | 88.94 |
| 73+78.61 | 10.09 | 5,996,436.28 | 2,187,670.27 | 89.41 | 88.95 | 90.31 | 90.16 | 90.46 | 88.91 | 88.99 |
| 73+81.89 | 10.09 | 5,996,437.55 | 2,187,673.32 | 89.41 | 88.94 | 90.28 | 90.10 | 90.46 | 88.89 | 89.00 |
| 73+85.17 | 10.09 | 5,996,438.82 | 2,187,676.33 | 89.42 | 88.92 | 90.31 | 90.12 | 90.49 | 88.85 | 88.98 |
| 73+88.45 | 9.95 | 5,996,440.09 | 2,187,679.37 | 89.42 | 88.90 | 90.31 | 90.15 | 90.49 | 88.85 | 88.95 |
| 73+91.73 | 9.82 | 5,996,441.39 | 2,187,682.38 | 89.40 | 88.89 | 90.35 | 90.19 | 90.51 | 88.88 | 88.90 |
| 73+95.01 | 9.70 | 5,996,442.66 | 2,187,685.39 | 89.37 | 88.89 | 90.33 | 90.18 | 90.49 | 88.90 | 88.88 |
| 73+98.29 | 9.58 | 5,996,443.96 | 2,187,688.43 | 89.34 | 88.86 | 90.28 | 90.15 | 90.42 | 88.87 | 88.85 |
| 74+01.57 | 9.46 | 5,996,445.23 | 2,187,691.44 | 89.31 | 88.88 | 90.22 | 90.08 | 90.36 | 88.85 | 88.90 |
| 74+04.86 | 9.33 | 5,996,446.53 | 2,187,694.45 | 89.28 | 88.88 | 90.21 | 90.07 | 90.35 | 88.85 | 88.91 |
| 74+08.14 | 9.21 | 5,996,447.83 | 2,187,697.46 | 89.25 | 88.88 | 90.23 | 90.07 | 90.40 | 88.87 | 88.89 |
| 74+11.42 | 9.09 | 5,996,449.10 | 2,187,700.51 | 89.22 | 88.85 | 90.26 | 90.10 | 90.42 | 88.87 | 88.82 |
| 74+14.70 | 8.96 | 5,996,450.40 | 2,187,703.52 | 89.19 | 88.84 | 90.24 | 90.07 | 90.41 | 88.89 | 88.78 |
| 74+17.98 | 8.84 | 5,996,451.67 | 2,187,706.53 | 89.16 | 88.82 | 90.25 | 90.07 | 90.42 | 88.88 | 88.76 |
| 74+21.26 | 8.71 | 5,996,452.97 | 2,187,709.57 | 89.14 | 88.83 | 90.24 | 90.08 | 90.40 | 88.90 | 88.76 |
| 74+24.54 | 8.57 | 5,996,454.24 | 2,187,712.58 | 89.13 | 88.82 | 90.25 | 90.15 | 90.34 | 88.88 | 88.76 |
| 74+27.82 | 8.42 | 5,996,455.51 | 2,187,715.62 | 89.12 | 88.82 | 90.24 | 90.16 | 90.32 | 88.87 | 88.78 |
| 74+31.10 | 8.27 | 5,996,456.75 | 2,187,718.63 | 89.12 | 88.82 | 90.26 | 90.19 | 90.33 | 88.82 | 88.81 |
| 74+34.38 | 8.12 | 5,996,458.01 | 2,187,721.68 | 89.12 | 88.81 | 90.31 | 90.20 | 90.41 | 88.81 | 88.81 |
| 74+37.66 | 7.98 | 5,996,459.28 | 2,187,724.69 | 89.11 | 88.81 | 90.32 | 90.26 | 90.39 | 88.84 | 88.79 |
| 74+40.94 | 7.83 | 5,996,460.55 | 2,187,727.73 | 89.11 | 88.80 | 90.31 | 90.25 | 90.36 | 88.85 | 88.75 |
| 74+44.23 | 7.68 | 5,996,461.82 | 2,187,730.74 | 89.11 | 88.78 | 90.27 | 90.22 | 90.32 | 88.84 | 88.72 |
| 74+47.51 | 7.53 | 5,996,463.09 | 2,187,733.78 | 89.10 | 88.77 | 90.27 | 90.21 | 90.32 | 88.81 | 88.74 |
| 74+50.79 | 7.38 | 5,996,464.36 | 2,187,736.79 | 89.10 | 88.78 | 90.27 | 90.20 | 90.34 | 88.81 | 88.75 |
| 74+54.07 | 7.23 | 5,996,465.59 | 2,187,739.83 | 89.10 | 88.79 | 90.25 | 90.18 | 90.32 | 88.82 | 88.75 |
| 74+57.35 | 7.08 | 5,996,466.86 | 2,187,742.88 | 89.09 | 88.75 | 90.24 | 90.17 | 90.31 | 88.79 | 88.71 |
| 74+60.63 | 6.93 | 5,996,468.13 | 2,187,745.89 | 89.09 | 88.70 | 90.18 | 90.11 | 90.25 | 88.74 | 88.66 |
| 74+63.91 | 6.78 | 5,996,469.40 | 2,187,748.93 | 89.09 | 88.69 | 90.14 | 90.07 | 90.21 | 88.70 | 88.68 |
| 74+67.19 | 6.63 | 5,996,470.67 | 2,187,751.94 | 89.08 | 88.69 | 90.10 | 90.03 | 90.18 | 88.69 | 88.69 |
| 74+70.47 | 6.48 | 5,996,471.93 | 2,187,754.98 | 89.08 | 88.69 | 90.12 | 90.05 | 90.20 | 88.68 | 88.69 |
| 74+73.75 | 6.33 | 5,996,473.17 | 2,187,757.99 | 89.08 | 88.67 | 90.15 | 90.06 | 90.23 | 88.69 | 88.65 |
| 74+77.03 | 6.18 | 5,996,474.44 | 2,187,761.04 | 89.07 | 88.66 | 90.17 | 90.11 | 90.23 | 88.70 | 88.63 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 74+80.31 | 6.03 | 5,996,475.71 | 2,187,764.08 | 89.07 | 88.70 | 90.15 | 90.10 | 90.20 | 88.72 | 88.67 |
| 74+83.60 | 5.88 | 5,996,476.98 | 2,187,767.09 | 89.06 | 88.70 | 90.10 | 90.09 | 90.10 | 88.71 | 88.68 |
| 74+86.88 | 5.75 | 5,996,478.24 | 2,187,770.13 | 89.06 | 88.69 | 90.03 | 90.02 | 90.05 | 88.68 | 88.70 |
| 74+90.16 | 5.64 | 5,996,479.55 | 2,187,773.14 | 89.05 | 88.69 | 90.06 | 90.07 | 90.05 | 88.66 | 88.71 |
| 74+93.44 | 5.53 | 5,996,480.85 | 2,187,776.15 | 89.04 | 88.67 | 90.09 | 90.07 | 90.11 | 88.65 | 88.69 |
| 74+96.72 | 5.43 | 5,996,482.15 | 2,187,779.16 | 89.02 | 88.65 | 90.09 | 90.06 | 90.12 | 88.65 | 88.65 |
| 75+00.00 | 5.32 | 5,996,483.45 | 2,187,782.17 | 89.01 | 88.65 | 90.07 | 89.99 | 90.15 | 88.67 | 88.63 |
| 75+03.28 | 5.22 | 5,996,484.75 | 2,187,785.18 | 88.99 | 88.68 | 90.09 | 90.00 | 90.17 | 88.69 | 88.67 |
| 75+06.56 | 5.11 | 5,996,486.05 | 2,187,788.19 | 88.98 | 88.70 | 90.11 | 90.02 | 90.21 | 88.72 | 88.67 |
| 75+09.84 | 5.01 | 5,996,487.35 | 2,187,791.20 | 88.97 | 88.70 | 90.10 | 90.00 | 90.20 | 88.72 | 88.67 |
| 75+13.12 | 4.90 | 5,996,488.65 | 2,187,794.21 | 88.95 | 88.68 | 90.08 | 89.96 | 90.19 | 88.71 | 88.65 |
| 75+16.40 | 4.79 | 5,996,489.96 | 2,187,797.22 | 88.94 | 88.67 | 90.04 | 89.96 | 90.12 | 88.71 | 88.64 |
| 75+19.69 | 4.66 | 5,996,491.26 | 2,187,800.23 | 88.94 | 88.67 | 90.01 | 89.96 | 90.06 | 88.71 | 88.63 |
| 75+22.97 | 4.52 | 5,996,492.53 | 2,187,803.28 | 88.94 | 88.66 | 90.03 | 90.03 | 90.04 | 88.70 | 88.63 |
| 75+26.25 | 4.38 | 5,996,493.79 | 2,187,806.29 | 88.95 | 88.65 | 90.01 | 89.99 | 90.03 | 88.66 | 88.64 |
| 75+29.53 | 4.23 | 5,996,495.06 | 2,187,809.33 | 88.96 | 88.62 | 90.03 | 89.98 | 90.07 | 88.62 | 88.63 |
| 75+32.81 | 4.08 | 5,996,496.33 | 2,187,812.37 | 88.96 | 88.62 | 90.00 | 89.95 | 90.06 | 88.61 | 88.63 |
| 75+36.09 | 3.94 | 5,996,497.60 | 2,187,815.38 | 88.97 | 88.61 | 90.03 | 89.96 | 90.10 | 88.59 | 88.63 |
| 75+39.37 | 3.80 | 5,996,498.87 | 2,187,818.42 | 88.98 | 88.61 | 90.03 | 89.98 | 90.08 | 88.61 | 88.61 |
| 75+42.65 | 3.65 | 5,996,500.14 | 2,187,821.44 | 88.98 | 88.57 | 90.00 | 89.95 | 90.06 | 88.58 | 88.56 |
| 75+45.93 | 3.50 | 5,996,501.41 | 2,187,824.48 | 88.99 | 88.58 | 89.96 | 89.93 | 89.99 | 88.61 | 88.55 |
| 75+49.21 | 3.37 | 5,996,502.67 | 2,187,827.49 | 88.99 | 88.59 | 89.95 | 89.89 | 90.02 | 88.61 | 88.58 |
| 75+52.49 | 3.25 | 5,996,503.94 | 2,187,830.50 | 88.98 | 88.59 | 89.94 | 89.87 | 90.02 | 88.59 | 88.58 |
| 75+55.77 | 3.14 | 5,996,505.24 | 2,187,833.51 | 88.96 | 88.57 | 89.97 | 89.89 | 90.05 | 88.58 | 88.56 |
| 75+59.06 | 3.03 | 5,996,506.58 | 2,187,836.52 | 88.94 | 88.52 | 89.92 | 89.87 | 89.97 | 88.53 | 88.51 |
| 75+62.34 | 2.93 | 5,996,507.88 | 2,187,839.53 | 88.92 | 88.49 | 89.90 | 89.86 | 89.94 | 88.48 | 88.51 |
| 75+65.62 | 2.82 | 5,996,509.18 | 2,187,842.57 | 88.90 | 88.49 | 89.90 | 89.83 | 89.96 | 88.46 | 88.53 |
| 75+68.90 | 2.72 | 5,996,510.48 | 2,187,845.58 | 88.88 | 88.51 | 89.87 | 89.77 | 89.97 | 88.48 | 88.54 |
| 75+72.18 | 2.77 | 5,996,511.78 | 2,187,848.59 | 88.85 | 88.52 | 89.86 | 89.79 | 89.94 | 88.51 | 88.54 |
| 75+75.46 | 2.81 | 5,996,513.08 | 2,187,851.60 | 88.84 | 88.51 | 89.82 | 89.77 | 89.86 | 88.49 | 88.52 |
| 75+78.74 | 2.85 | 5,996,514.39 | 2,187,854.61 | 88.82 | 88.49 | 89.84 | 89.80 | 89.89 | 88.48 | 88.51 |
| 75+82.02 | 2.88 | 5,996,515.69 | 2,187,857.62 | 88.80 | 88.49 | 89.87 | 89.79 | 89.95 | 88.49 | 88.48 |
| 75+85.30 | 2.91 | 5,996,516.96 | 2,187,860.63 | 88.79 | 88.47 | 89.86 | 89.76 | 89.95 | 88.48 | 88.45 |
| 75+88.58 | 2.94 | 5,996,518.26 | 2,187,863.64 | 88.79 | 88.44 | 89.80 | 89.71 | 89.89 | 88.44 | 88.44 |
| 75+91.86 | 2.96 | 5,996,519.53 | 2,187,866.68 | 88.78 | 88.41 | 89.77 | 89.71 | 89.83 | 88.38 | 88.45 |
| 75+95.14 | 2.99 | 5,996,520.83 | 2,187,869.69 | 88.77 | 88.41 | 89.79 | 89.71 | 89.86 | 88.36 | 88.46 |
| 75+98.43 | 3.01 | 5,996,522.13 | 2,187,872.70 | 88.77 | 88.41 | 89.82 | 89.79 | 89.85 | 88.39 | 88.44 |
| 76+01.71 | 3.04 | 5,996,523.40 | 2,187,875.71 | 88.76 | 88.40 | 89.77 | 89.72 | 89.82 | 88.40 | 88.40 |
| 76+04.99 | 3.06 | 5,996,524.70 | 2,187,878.76 | 88.75 | 88.36 | 89.71 | 89.68 | 89.74 | 88.35 | 88.38 |
| 76+08.27 | 3.09 | 5,996,525.97 | 2,187,881.77 | 88.75 | 88.35 | 89.68 | 89.63 | 89.72 | 88.34 | 88.36 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 76+11.55 | 3.12 | 5,996,527.27 | 2,187,884.78 | 88.74 | 88.36 | 89.64 | 89.63 | 89.66 | 88.36 | 88.36 |
| 76+14.83 | 3.15 | 5,996,528.57 | 2,187,887.79 | 88.74 | 88.38 | 89.69 | 89.67 | 89.71 | 88.41 | 88.35 |
| 76+18.11 | 3.19 | 5,996,529.87 | 2,187,890.83 | 88.73 | 88.37 | 89.69 | 89.67 | 89.72 | 88.40 | 88.34 |
| 76+21.39 | 3.23 | 5,996,531.17 | 2,187,893.84 | 88.73 | 88.34 | 89.68 | 89.62 | 89.74 | 88.34 | 88.33 |
| 76+24.67 | 3.28 | 5,996,532.47 | 2,187,896.85 | 88.72 | 88.29 | 89.64 | 89.61 | 89.67 | 88.28 | 88.31 |
| 76+27.95 | 3.32 | 5,996,533.77 | 2,187,899.86 | 88.72 | 88.26 | 89.64 | 89.62 | 89.67 | 88.22 | 88.31 |
| 76+31.23 | 3.37 | 5,996,535.07 | 2,187,902.87 | 88.72 | 88.27 | 89.67 | 89.67 | 89.68 | 88.22 | 88.32 |
| 76+34.51 | 3.41 | 5,996,536.38 | 2,187,905.88 | 88.71 | 88.28 | 89.69 | 89.69 | 89.70 | 88.23 | 88.33 |
| 76+37.80 | 3.45 | 5,996,537.68 | 2,187,908.89 | 88.71 | 88.27 | 89.63 | 89.60 | 89.67 | 88.22 | 88.32 |
| 76+41.08 | 3.50 | 5,996,538.98 | 2,187,911.90 | 88.71 | 88.28 | 89.65 | 89.60 | 89.70 | 88.24 | 88.31 |
| 76+44.36 | 3.53 | 5,996,540.28 | 2,187,914.91 | 88.70 | 88.28 | 89.65 | 89.59 | 89.71 | 88.25 | 88.31 |
| 76+47.64 | 3.56 | 5,996,541.58 | 2,187,917.92 | 88.68 | 88.29 | 89.67 | 89.62 | 89.72 | 88.29 | 88.30 |
| 76+50.92 | 3.57 | 5,996,542.85 | 2,187,920.96 | 88.66 | 88.28 | 89.66 | 89.62 | 89.69 | 88.28 | 88.29 |
| 76+54.20 | 3.59 | 5,996,544.12 | 2,187,923.97 | 88.64 | 88.26 | 89.64 | 89.59 | 89.69 | 88.25 | 88.28 |
| 76+57.48 | 3.60 | 5,996,545.39 | 2,187,926.98 | 88.62 | 88.26 | 89.66 | 89.61 | 89.71 | 88.24 | 88.29 |
| 76+60.76 | 3.61 | 5,996,546.69 | 2,187,930.02 | 88.60 | 88.26 | 89.64 | 89.54 | 89.73 | 88.22 | 88.31 |
| 76+64.04 | 3.63 | 5,996,547.96 | 2,187,933.03 | 88.58 | 88.27 | 89.64 | 89.52 | 89.75 | 88.24 | 88.30 |
| 76+67.32 | 3.64 | 5,996,549.23 | 2,187,936.08 | 88.55 | 88.27 | 89.64 | 89.54 | 89.74 | 88.25 | 88.29 |
| 76+70.60 | 3.65 | 5,996,550.49 | 2,187,939.09 | 88.53 | 88.24 | 89.67 | 89.60 | 89.74 | 88.23 | 88.24 |
| 76+73.88 | 3.67 | 5,996,551.79 | 2,187,942.10 | 88.51 | 88.21 | 89.64 | 89.61 | 89.68 | 88.17 | 88.25 |
| 76+77.17 | 3.68 | 5,996,553.06 | 2,187,945.14 | 88.49 | 88.18 | 89.63 | 89.58 | 89.68 | 88.15 | 88.22 |
| 76+80.45 | 3.70 | 5,996,554.33 | 2,187,948.15 | 88.47 | 88.17 | 89.57 | 89.50 | 89.64 | 88.13 | 88.21 |
| 76+83.73 | 3.73 | 5,996,555.63 | 2,187,951.16 | 88.46 | 88.17 | 89.57 | 89.48 | 89.66 | 88.16 | 88.18 |
| 76+87.01 | 3.77 | 5,996,556.93 | 2,187,954.20 | 88.44 | 88.18 | 89.53 | 89.41 | 89.64 | 88.15 | 88.21 |
| 76+90.29 | 3.80 | 5,996,558.24 | 2,187,957.21 | 88.43 | 88.17 | 89.54 | 89.43 | 89.67 | 88.12 | 88.21 |
| 76+93.57 | 3.84 | 5,996,559.50 | 2,187,960.22 | 88.42 | 88.14 | 89.53 | 89.41 | 89.66 | 88.09 | 88.19 |
| 76+96.85 | 3.87 | 5,996,560.81 | 2,187,963.23 | 88.40 | 88.08 | 89.52 | 89.43 | 89.61 | 88.06 | 88.11 |
| 77+00.13 | 3.90 | 5,996,562.11 | 2,187,966.24 | 88.39 | 88.05 | 89.52 | 89.45 | 89.59 | 88.05 | 88.06 |
| 77+03.41 | 3.94 | 5,996,563.41 | 2,187,969.25 | 88.38 | 88.02 | 89.49 | 89.39 | 89.59 | 88.03 | 88.02 |
| 77+06.69 | 3.97 | 5,996,564.71 | 2,187,972.26 | 88.36 | 88.02 | 89.49 | 89.40 | 89.58 | 88.03 | 88.02 |
| 77+09.97 | 4.00 | 5,996,565.98 | 2,187,975.31 | 88.35 | 88.02 | 89.46 | 89.37 | 89.56 | 88.02 | 88.02 |
| 77+13.25 | 4.03 | 5,996,567.28 | 2,187,978.32 | 88.34 | 88.04 | 89.46 | 89.39 | 89.52 | 88.02 | 88.06 |
| 77+16.54 | 4.05 | 5,996,568.55 | 2,187,981.33 | 88.33 | 88.04 | 89.45 | 89.35 | 89.54 | 88.00 | 88.08 |
| 77+19.82 | 4.06 | 5,996,569.85 | 2,187,984.37 | 88.32 | 88.03 | 89.47 | 89.41 | 89.52 | 87.99 | 88.07 |
| 77+23.10 | 4.08 | 5,996,571.12 | 2,187,987.38 | 88.31 | 88.01 | 89.48 | 89.46 | 89.51 | 87.97 | 88.05 |
| 77+26.38 | 4.10 | 5,996,572.39 | 2,187,990.39 | 88.30 | 88.00 | 89.49 | 89.49 | 89.49 | 87.97 | 88.02 |
| 77+29.66 | 4.11 | 5,996,573.69 | 2,187,993.43 | 88.29 | 88.00 | 89.45 | 89.40 | 89.50 | 87.98 | 88.02 |
| 77+32.94 | 4.13 | 5,996,574.96 | 2,187,996.44 | 88.28 | 87.99 | 89.44 | 89.36 | 89.52 | 87.99 | 87.99 |
| 77+36.22 | 4.15 | 5,996,576.22 | 2,187,999.45 | 88.27 | 88.00 | 89.40 | 89.28 | 89.52 | 88.02 | 87.98 |
| 77+39.50 | 4.16 | 5,996,577.53 | 2,188,002.50 | 88.26 | 87.98 | 89.39 | 89.25 | 89.52 | 88.02 | 87.94 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 77+42.78 | 4.18 | 5,996,578.79 | 2,188,005.51 | 88.25 | 87.98 | 89.38 | 89.24 | 89.52 | 88.00 | 87.95 |
| 77+46.06 | 4.20 | 5,996,580.06 | 2,188,008.52 | 88.23 | 87.94 | 89.42 | 89.31 | 89.52 | 87.94 | 87.94 |
| 77+49.34 | 4.22 | 5,996,581.36 | 2,188,011.56 | 88.22 | 87.93 | 89.43 | 89.37 | 89.49 | 87.89 | 87.96 |
| 77+52.62 | 4.23 | 5,996,582.63 | 2,188,014.57 | 88.20 | 87.92 | 89.41 | 89.37 | 89.46 | 87.87 | 87.96 |
| 77+55.91 | 4.25 | 5,996,583.90 | 2,188,017.61 | 88.18 | 87.92 | 89.39 | 89.34 | 89.45 | 87.87 | 87.96 |
| 77+59.19 | 4.27 | 5,996,585.20 | 2,188,020.62 | 88.16 | 87.90 | 89.36 | 89.29 | 89.44 | 87.88 | 87.92 |
| 77+62.47 | 4.28 | 5,996,586.47 | 2,188,023.63 | 88.14 | 87.86 | 89.34 | 89.24 | 89.44 | 87.85 | 87.87 |
| 77+65.75 | 4.30 | 5,996,587.74 | 2,188,026.67 | 88.12 | 87.83 | 89.31 | 89.18 | 89.44 | 87.83 | 87.84 |
| 77+69.03 | 4.32 | 5,996,589.04 | 2,188,029.68 | 88.10 | 87.84 | 89.29 | 89.15 | 89.44 | 87.79 | 87.88 |
| 77+72.31 | 4.34 | 5,996,590.31 | 2,188,032.69 | 88.08 | 87.84 | 89.29 | 89.16 | 89.41 | 87.78 | 87.90 |
| 77+75.59 | 4.35 | 5,996,591.58 | 2,188,035.74 | 88.06 | 87.84 | 89.29 | 89.23 | 89.36 | 87.78 | 87.89 |
| 77+78.87 | 4.37 | 5,996,592.88 | 2,188,038.75 | 88.05 | 87.81 | 89.28 | 89.24 | 89.33 | 87.79 | 87.83 |
| 77+82.15 | 4.39 | 5,996,594.15 | 2,188,041.76 | 88.04 | 87.79 | 89.24 | 89.17 | 89.30 | 87.77 | 87.80 |
| 77+85.43 | 4.41 | 5,996,595.42 | 2,188,044.80 | 88.03 | 87.77 | 89.22 | 89.13 | 89.31 | 87.75 | 87.79 |
| 77+88.71 | 4.42 | 5,996,596.72 | 2,188,047.81 | 88.02 | 87.75 | 89.22 | 89.12 | 89.33 | 87.72 | 87.79 |
| 77+91.99 | 4.44 | 5,996,597.99 | 2,188,050.82 | 88.02 | 87.75 | 89.25 | 89.18 | 89.31 | 87.73 | 87.76 |
| 77+95.28 | 4.46 | 5,996,599.25 | 2,188,053.86 | 88.01 | 87.76 | 89.25 | 89.16 | 89.34 | 87.74 | 87.77 |
| 77+98.56 | 4.48 | 5,996,600.56 | 2,188,056.87 | 88.01 | 87.79 | 89.27 | 89.20 | 89.35 | 87.80 | 87.77 |
| 78+01.84 | 4.49 | 5,996,601.82 | 2,188,059.92 | 88.00 | 87.80 | 89.28 | 89.18 | 89.38 | 87.82 | 87.79 |
| 78+05.12 | 4.51 | 5,996,603.09 | 2,188,062.93 | 87.99 | 87.76 | 89.28 | 89.16 | 89.39 | 87.81 | 87.72 |
| 78+08.40 | 4.52 | 5,996,604.39 | 2,188,065.94 | 87.99 | 87.72 | 89.22 | 89.08 | 89.36 | 87.75 | 87.69 |
| 78+11.68 | 4.54 | 5,996,605.66 | 2,188,068.98 | 87.98 | 87.69 | 89.18 | 89.03 | 89.33 | 87.71 | 87.66 |
| 78+14.96 | 4.55 | 5,996,606.93 | 2,188,071.99 | 87.97 | 87.67 | 89.12 | 88.99 | 89.25 | 87.69 | 87.66 |
| 78+18.24 | 4.57 | 5,996,608.20 | 2,188,075.00 | 87.96 | 87.69 | 89.11 | 88.98 | 89.24 | 87.69 | 87.70 |
| 78+21.52 | 4.58 | 5,996,609.50 | 2,188,078.04 | 87.95 | 87.68 | 89.11 | 88.97 | 89.26 | 87.66 | 87.70 |
| 78+24.80 | 4.59 | 5,996,610.77 | 2,188,081.05 | 87.94 | 87.70 | 89.16 | 89.03 | 89.29 | 87.67 | 87.73 |
| 78+28.08 | 4.61 | 5,996,612.04 | 2,188,084.10 | 87.93 | 87.67 | 89.19 | 89.05 | 89.33 | 87.64 | 87.71 |
| 78+31.36 | 4.62 | 5,996,613.31 | 2,188,087.11 | 87.92 | 87.65 | 89.15 | 89.03 | 89.26 | 87.62 | 87.69 |
| 78+34.65 | 4.63 | 5,996,614.58 | 2,188,090.15 | 87.91 | 87.61 | 89.08 | 88.94 | 89.22 | 87.58 | 87.64 |
| 78+37.93 | 4.64 | 5,996,615.88 | 2,188,093.16 | 87.90 | 87.60 | 88.99 | 88.85 | 89.13 | 87.56 | 87.64 |
| 78+41.21 | 4.66 | 5,996,617.14 | 2,188,096.17 | 87.89 | 87.60 | 89.01 | 88.85 | 89.16 | 87.56 | 87.65 |
| 78+44.49 | 4.68 | 5,996,618.41 | 2,188,099.21 | 87.88 | 87.60 | 88.99 | 88.84 | 89.14 | 87.53 | 87.67 |
| 78+47.77 | 4.69 | 5,996,619.71 | 2,188,102.22 | 87.88 | 87.57 | 88.99 | 88.85 | 89.14 | 87.51 | 87.63 |
| 78+51.05 | 4.72 | 5,996,620.98 | 2,188,105.23 | 87.88 | 87.55 | 88.91 | 88.76 | 89.06 | 87.51 | 87.59 |
| 78+54.33 | 4.74 | 5,996,622.28 | 2,188,108.27 | 87.88 | 87.52 | 88.88 | 88.72 | 89.04 | 87.49 | 87.54 |
| 78+57.61 | 4.76 | 5,996,623.55 | 2,188,111.28 | 87.88 | 87.51 | 88.86 | 88.71 | 89.01 | 87.48 | 87.53 |
| 78+60.89 | 4.79 | 5,996,624.85 | 2,188,114.29 | 87.88 | 87.47 | 88.86 | 88.74 | 88.99 | 87.42 | 87.51 |
| 78+64.17 | 4.81 | 5,996,626.12 | 2,188,117.30 | 87.88 | 87.47 | 88.88 | 88.77 | 89.00 | 87.44 | 87.50 |
| 78+67.45 | 4.83 | 5,996,627.42 | 2,188,120.35 | 87.88 | 87.48 | 88.92 | 88.81 | 89.02 | 87.47 | 87.50 |
| 78+70.73 | 4.85 | 5,996,628.69 | 2,188,123.36 | 87.88 | 87.51 | 88.97 | 88.85 | 89.08 | 87.50 | 87.52 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 78+74.02 | 4.88 | 5,996,629.99 | 2,188,126.37 | 87.88 | 87.52 | 88.97 | 88.85 | 89.07 | 87.50 | 87.53 |
| 78+77.30 | 4.93 | 5,996,631.29 | 2,188,129.38 | 87.87 | 87.52 | 88.95 | 88.84 | 89.07 | 87.54 | 87.50 |
| 78+80.58 | 5.00 | 5,996,632.63 | 2,188,132.39 | 87.84 | 87.51 | 88.88 | 88.75 | 89.01 | 87.57 | 87.44 |
| 78+83.86 | 5.08 | 5,996,633.96 | 2,188,135.40 | 87.81 | 87.46 | 88.82 | 88.66 | 88.98 | 87.52 | 87.40 |
| 78+87.14 | 5.15 | 5,996,635.30 | 2,188,138.37 | 87.79 | 87.44 | 88.79 | 88.63 | 88.95 | 87.50 | 87.39 |
| 78+90.42 | 5.23 | 5,996,636.63 | 2,188,141.38 | 87.76 | 87.44 | 88.80 | 88.64 | 88.97 | 87.48 | 87.40 |
| 78+93.70 | 5.31 | 5,996,637.97 | 2,188,144.39 | 87.73 | 87.43 | 88.80 | 88.67 | 88.92 | 87.46 | 87.41 |
| 78+96.98 | 5.39 | 5,996,639.30 | 2,188,147.37 | 87.70 | 87.40 | 88.75 | 88.62 | 88.89 | 87.39 | 87.40 |
| 79+00.26 | 5.47 | 5,996,640.63 | 2,188,150.38 | 87.68 | 87.36 | 88.72 | 88.57 | 88.87 | 87.34 | 87.39 |
| 79+03.54 | 5.55 | 5,996,641.97 | 2,188,153.36 | 87.65 | 87.35 | 88.72 | 88.56 | 88.88 | 87.36 | 87.35 |
| 79+06.82 | 5.62 | 5,996,643.30 | 2,188,156.37 | 87.62 | 87.36 | 88.71 | 88.54 | 88.88 | 87.38 | 87.35 |
| 79+10.10 | 5.69 | 5,996,644.63 | 2,188,159.38 | 87.60 | 87.38 | 88.73 | 88.58 | 88.88 | 87.41 | 87.34 |
| 79+13.39 | 5.74 | 5,996,645.94 | 2,188,162.39 | 87.59 | 87.38 | 88.74 | 88.56 | 88.92 | 87.41 | 87.35 |
| 79+16.67 | 5.79 | 5,996,647.24 | 2,188,165.40 | 87.57 | 87.39 | 88.75 | 88.58 | 88.91 | 87.42 | 87.36 |
| 79+19.95 | 5.84 | 5,996,648.57 | 2,188,168.41 | 87.56 | 87.39 | 88.70 | 88.49 | 88.90 | 87.41 | 87.36 |
| 79+23.23 | 5.89 | 5,996,649.87 | 2,188,171.42 | 87.54 | 87.39 | 88.65 | 88.46 | 88.84 | 87.39 | 87.38 |
| 79+26.51 | 5.94 | 5,996,651.17 | 2,188,174.43 | 87.53 | 87.34 | 88.62 | 88.45 | 88.79 | 87.33 | 87.36 |
| 79+29.79 | 5.99 | 5,996,652.48 | 2,188,177.44 | 87.51 | 87.34 | 88.62 | 88.47 | 88.76 | 87.31 | 87.36 |
| 79+33.07 | 6.04 | 5,996,653.81 | 2,188,180.45 | 87.50 | 87.33 | 88.59 | 88.45 | 88.72 | 87.29 | 87.37 |
| 79+36.35 | 6.09 | 5,996,655.11 | 2,188,183.46 | 87.49 | 87.33 | 88.58 | 88.43 | 88.72 | 87.27 | 87.38 |
| 79+39.63 | 6.14 | 5,996,656.41 | 2,188,186.47 | 87.47 | 87.30 | 88.56 | 88.42 | 88.69 | 87.23 | 87.38 |
| 79+42.91 | 6.19 | 5,996,657.71 | 2,188,189.48 | 87.47 | 87.28 | 88.57 | 88.44 | 88.70 | 87.20 | 87.36 |
| 79+46.19 | 6.24 | 5,996,659.05 | 2,188,192.48 | 87.47 | 87.26 | 88.54 | 88.43 | 88.65 | 87.19 | 87.33 |
| 79+49.48 | 6.30 | 5,996,660.35 | 2,188,195.46 | 87.47 | 87.24 | 88.55 | 88.45 | 88.65 | 87.16 | 87.31 |
| 79+52.76 | 6.35 | 5,996,661.68 | 2,188,198.47 | 87.47 | 87.23 | 88.54 | 88.44 | 88.64 | 87.16 | 87.29 |
| 79+56.04 | 6.40 | 5,996,662.98 | 2,188,201.48 | 87.48 | 87.24 | 88.56 | 88.44 | 88.67 | 87.17 | 87.30 |
| 79+59.32 | 6.46 | 5,996,664.28 | 2,188,204.49 | 87.48 | 87.24 | 88.53 | 88.41 | 88.66 | 87.19 | 87.29 |
| 79+62.60 | 6.51 | 5,996,665.62 | 2,188,207.50 | 87.48 | 87.24 | 88.52 | 88.42 | 88.63 | 87.18 | 87.30 |
| 79+65.88 | 6.56 | 5,996,666.92 | 2,188,210.51 | 87.49 | 87.24 | 88.56 | 88.45 | 88.66 | 87.20 | 87.28 |
| 79+69.16 | 6.62 | 5,996,668.22 | 2,188,213.52 | 87.49 | 87.24 | 88.58 | 88.48 | 88.67 | 87.20 | 87.28 |
| 79+72.44 | 6.68 | 5,996,669.56 | 2,188,216.53 | 87.49 | 87.25 | 88.61 | 88.51 | 88.70 | 87.24 | 87.26 |
| 79+75.72 | 6.77 | 5,996,670.89 | 2,188,219.51 | 87.49 | 87.25 | 88.57 | 88.46 | 88.67 | 87.23 | 87.28 |
| 79+79.00 | 6.87 | 5,996,672.26 | 2,188,222.52 | 87.48 | 87.25 | 88.56 | 88.45 | 88.67 | 87.25 | 87.26 |
| 79+82.28 | 7.00 | 5,996,673.62 | 2,188,225.49 | 87.46 | 87.22 | 88.52 | 88.42 | 88.62 | 87.23 | 87.21 |
| 79+85.56 | 7.12 | 5,996,675.02 | 2,188,228.47 | 87.45 | 87.19 | 88.51 | 88.43 | 88.58 | 87.23 | 87.16 |
| 79+88.85 | 7.24 | 5,996,676.39 | 2,188,231.45 | 87.44 | 87.17 | 88.49 | 88.40 | 88.58 | 87.20 | 87.14 |
| 79+92.13 | 7.37 | 5,996,677.76 | 2,188,234.42 | 87.42 | 87.17 | 88.51 | 88.40 | 88.63 | 87.21 | 87.13 |
| 79+95.41 | 7.49 | 5,996,679.12 | 2,188,237.40 | 87.41 | 87.16 | 88.52 | 88.39 | 88.65 | 87.20 | 87.11 |
| 79+98.69 | 7.61 | 5,996,680.52 | 2,188,240.38 | 87.40 | 87.15 | 88.52 | 88.40 | 88.64 | 87.20 | 87.10 |
| 80+01.97 | 7.73 | 5,996,681.89 | 2,188,243.35 | 87.38 | 87.16 | 88.50 | 88.39 | 88.62 | 87.20 | 87.11 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 80+05.25 | 7.86 | 5,996,683.25 | 2,188,246.33 | 87.37 | 87.18 | 88.49 | 88.39 | 88.59 | 87.24 | 87.12 |
| 80+08.53 | 7.98 | 5,996,684.65 | 2,188,249.31 | 87.35 | 87.20 | 88.47 | 88.39 | 88.56 | 87.28 | 87.12 |
| 80+11.81 | 8.11 | 5,996,686.02 | 2,188,252.28 | 87.34 | 87.19 | 88.44 | 88.35 | 88.54 | 87.25 | 87.13 |
| 80+15.09 | 8.23 | 5,996,687.39 | 2,188,255.26 | 87.32 | 87.16 | 88.41 | 88.31 | 88.51 | 87.16 | 87.15 |
| 80+18.37 | 8.36 | 5,996,688.79 | 2,188,258.24 | 87.30 | 87.12 | 88.38 | 88.25 | 88.49 | 87.07 | 87.16 |
| 80+21.65 | 8.48 | 5,996,690.15 | 2,188,261.21 | 87.29 | 87.09 | 88.34 | 88.23 | 88.45 | 87.05 | 87.13 |
| 80+24.93 | 8.61 | 5,996,691.55 | 2,188,264.22 | 87.27 | 87.08 | 88.33 | 88.21 | 88.45 | 87.03 | 87.13 |
| 80+28.22 | 8.74 | 5,996,692.92 | 2,188,267.20 | 87.25 | 87.06 | 88.32 | 88.20 | 88.44 | 87.01 | 87.11 |
| 80+31.50 | 8.86 | 5,996,694.29 | 2,188,270.17 | 87.24 | 87.03 | 88.30 | 88.17 | 88.43 | 86.98 | 87.10 |
| 80+34.78 | 8.99 | 5,996,695.69 | 2,188,273.15 | 87.22 | 87.01 | 88.25 | 88.12 | 88.39 | 86.97 | 87.06 |
| 80+38.06 | 9.11 | 5,996,697.05 | 2,188,276.13 | 87.20 | 87.01 | 88.23 | 88.11 | 88.34 | 86.95 | 87.06 |
| 80+41.34 | 9.24 | 5,996,698.42 | 2,188,279.10 | 87.19 | 87.02 | 88.22 | 88.11 | 88.32 | 86.98 | 87.06 |
| 80+44.62 | 9.36 | 5,996,699.82 | 2,188,282.08 | 87.19 | 87.02 | 88.24 | 88.15 | 88.33 | 86.98 | 87.07 |
| 80+47.90 | 9.48 | 5,996,701.19 | 2,188,285.06 | 87.19 | 87.03 | 88.22 | 88.11 | 88.33 | 86.97 | 87.10 |
| 80+51.18 | 9.59 | 5,996,702.55 | 2,188,288.03 | 87.18 | 87.04 | 88.21 | 88.08 | 88.34 | 86.94 | 87.14 |
| 80+54.46 | 9.71 | 5,996,703.92 | 2,188,291.01 | 87.18 | 87.03 | 88.20 | 88.03 | 88.35 | 86.92 | 87.14 |
| 80+57.74 | 9.83 | 5,996,705.28 | 2,188,293.99 | 87.18 | 87.01 | 88.24 | 88.08 | 88.41 | 86.93 | 87.10 |
| 80+61.02 | 9.95 | 5,996,706.65 | 2,188,297.00 | 87.17 | 86.98 | 88.27 | 88.11 | 88.43 | 86.94 | 87.03 |
| 80+64.30 | 10.07 | 5,996,708.05 | 2,188,299.97 | 87.17 | 87.00 | 88.28 | 88.15 | 88.42 | 86.98 | 87.02 |
| 80+67.59 | 10.19 | 5,996,709.42 | 2,188,302.95 | 87.17 | 87.00 | 88.26 | 88.12 | 88.40 | 86.98 | 87.02 |
| 80+70.87 | 10.30 | 5,996,710.78 | 2,188,305.93 | 87.16 | 87.00 | 88.25 | 88.12 | 88.39 | 86.98 | 87.03 |
| 80+74.15 | 10.40 | 5,996,712.15 | 2,188,308.90 | 87.16 | 86.98 | 88.26 | 88.12 | 88.40 | 86.98 | 87.00 |
| 80+77.43 | 10.49 | 5,996,713.49 | 2,188,311.91 | 87.16 | 86.98 | 88.25 | 88.12 | 88.39 | 86.97 | 87.00 |
| 80+80.71 | 10.57 | 5,996,714.85 | 2,188,314.89 | 87.16 | 86.99 | 88.24 | 88.09 | 88.40 | 86.98 | 87.01 |
| 80+83.99 | 10.66 | 5,996,716.22 | 2,188,317.87 | 87.16 | 86.98 | 88.24 | 88.09 | 88.40 | 86.98 | 87.00 |
| 80+87.27 | 10.74 | 5,996,717.55 | 2,188,320.88 | 87.16 | 86.95 | 88.20 | 88.03 | 88.36 | 86.93 | 86.97 |
| 80+90.55 | 10.83 | 5,996,718.92 | 2,188,323.85 | 87.16 | 86.87 | 88.16 | 88.02 | 88.31 | 86.84 | 86.89 |
| 80+93.83 | 10.91 | 5,996,720.29 | 2,188,326.83 | 87.16 | 86.83 | 88.12 | 87.97 | 88.26 | 86.78 | 86.88 |
| 80+97.11 | 11.00 | 5,996,721.62 | 2,188,329.84 | 87.16 | 86.80 | 88.14 | 88.02 | 88.26 | 86.76 | 86.85 |
| 81+00.39 | 11.08 | 5,996,722.99 | 2,188,332.82 | 87.16 | 86.84 | 88.16 | 88.03 | 88.29 | 86.79 | 86.89 |
| 81+03.67 | 11.16 | 5,996,724.32 | 2,188,335.83 | 87.16 | 86.84 | 88.20 | 88.07 | 88.33 | 86.82 | 86.87 |
| 81+06.96 | 11.25 | 5,996,725.69 | 2,188,338.80 | 87.15 | 86.88 | 88.18 | 88.06 | 88.30 | 86.88 | 86.88 |
| 81+10.24 | 11.34 | 5,996,727.05 | 2,188,341.78 | 87.14 | 86.85 | 88.17 | 88.06 | 88.29 | 86.85 | 86.84 |
| 81+13.52 | 11.43 | 5,996,728.42 | 2,188,344.79 | 87.13 | 86.82 | 88.13 | 88.02 | 88.24 | 86.80 | 86.83 |
| 81+16.80 | 11.52 | 5,996,729.75 | 2,188,347.77 | 87.11 | 86.77 | 88.11 | 87.98 | 88.24 | 86.71 | 86.82 |
| 81+20.08 | 11.60 | 5,996,731.12 | 2,188,350.74 | 87.10 | 86.76 | 88.08 | 87.95 | 88.22 | 86.68 | 86.83 |
| 81+23.36 | 11.69 | 5,996,732.49 | 2,188,353.75 | 87.08 | 86.77 | 88.06 | 87.89 | 88.23 | 86.67 | 86.87 |
| 81+26.64 | 11.78 | 5,996,733.85 | 2,188,356.73 | 87.07 | 86.77 | 88.07 | 87.88 | 88.25 | 86.68 | 86.87 |
| 81+29.92 | 11.87 | 5,996,735.19 | 2,188,359.70 | 87.06 | 86.76 | 88.08 | 87.89 | 88.28 | 86.68 | 86.84 |
| 81+33.20 | 11.96 | 5,996,736.56 | 2,188,362.71 | 87.04 | 86.76 | 88.14 | 87.97 | 88.31 | 86.70 | 86.82 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 81+36.48 | 12.04 | 5,996,737.92 | 2,188,365.69 | 87.04 | 86.77 | 88.13 | 87.98 | 88.28 | 86.74 | 86.80 |
| 81+39.76 | 12.11 | 5,996,739.26 | 2,188,368.70 | 87.03 | 86.77 | 88.13 | 87.97 | 88.30 | 86.74 | 86.81 |
| 81+43.04 | 12.17 | 5,996,740.59 | 2,188,371.68 | 87.04 | 86.74 | 88.07 | 87.89 | 88.24 | 86.71 | 86.76 |
| 81+46.33 | 12.23 | 5,996,741.92 | 2,188,374.69 | 87.04 | 86.70 | 88.05 | 87.88 | 88.22 | 86.67 | 86.72 |
| 81+49.61 | 12.29 | 5,996,743.26 | 2,188,377.66 | 87.04 | 86.66 | 88.02 | 87.86 | 88.18 | 86.62 | 86.69 |
| 81+52.89 | 12.36 | 5,996,744.59 | 2,188,380.67 | 87.05 | 86.66 | 88.03 | 87.89 | 88.18 | 86.61 | 86.70 |
| 81+56.17 | 12.42 | 5,996,745.93 | 2,188,383.68 | 87.05 | 86.66 | 88.06 | 87.93 | 88.20 | 86.61 | 86.71 |
| 81+59.45 | 12.48 | 5,996,747.26 | 2,188,386.66 | 87.05 | 86.67 | 88.11 | 87.98 | 88.24 | 86.66 | 86.69 |
| 81+62.73 | 12.54 | 5,996,748.59 | 2,188,389.67 | 87.06 | 86.69 | 88.11 | 87.97 | 88.25 | 86.68 | 86.69 |
| 81+66.01 | 12.60 | 5,996,749.93 | 2,188,392.68 | 87.06 | 86.67 | 88.13 | 87.98 | 88.28 | 86.70 | 86.65 |
| 81+69.29 | 12.66 | 5,996,751.26 | 2,188,395.66 | 87.05 | 86.66 | 88.10 | 87.96 | 88.24 | 86.70 | 86.62 |
| 81+72.57 | 12.73 | 5,996,752.60 | 2,188,398.67 | 87.03 | 86.64 | 88.11 | 87.98 | 88.23 | 86.68 | 86.60 |
| 81+75.85 | 12.79 | 5,996,753.93 | 2,188,401.68 | 87.01 | 86.65 | 88.06 | 87.94 | 88.19 | 86.67 | 86.64 |
| 81+79.13 | 12.85 | 5,996,755.26 | 2,188,404.65 | 86.98 | 86.67 | 88.08 | 87.93 | 88.23 | 86.67 | 86.67 |
| 81+82.41 | 12.92 | 5,996,756.60 | 2,188,407.66 | 86.97 | 86.68 | 88.08 | 87.92 | 88.25 | 86.69 | 86.67 |
| 81+85.70 | 12.98 | 5,996,757.93 | 2,188,410.67 | 86.94 | 86.66 | 88.08 | 87.94 | 88.23 | 86.66 | 86.67 |
| 81+88.98 | 13.04 | 5,996,759.27 | 2,188,413.65 | 86.92 | 86.64 | 88.04 | 87.95 | 88.13 | 86.61 | 86.67 |
| 81+92.26 | 13.10 | 5,996,760.60 | 2,188,416.66 | 86.90 | 86.61 | 88.02 | 87.98 | 88.06 | 86.55 | 86.68 |
| 81+95.54 | 13.17 | 5,996,761.93 | 2,188,419.64 | 86.88 | 86.57 | 88.01 | 87.95 | 88.07 | 86.51 | 86.65 |
| 81+98.82 | 13.22 | 5,996,763.27 | 2,188,422.65 | 86.86 | 86.56 | 87.96 | 87.86 | 88.06 | 86.52 | 86.61 |
| 82+02.10 | 13.27 | 5,996,764.57 | 2,188,425.66 | 86.84 | 86.54 | 87.91 | 87.75 | 88.07 | 86.53 | 86.56 |
| 82+05.38 | 13.32 | 5,996,765.90 | 2,188,428.67 | 86.82 | 86.53 | 87.89 | 87.72 | 88.07 | 86.53 | 86.54 |
| 82+08.66 | 13.36 | 5,996,767.24 | 2,188,431.67 | 86.80 | 86.52 | 87.89 | 87.71 | 88.08 | 86.48 | 86.55 |
| 82+11.94 | 13.41 | 5,996,768.54 | 2,188,434.68 | 86.79 | 86.49 | 87.87 | 87.67 | 88.06 | 86.43 | 86.55 |
| 82+15.22 | 13.46 | 5,996,769.87 | 2,188,437.66 | 86.77 | 86.50 | 87.85 | 87.66 | 88.03 | 86.44 | 86.57 |
| 82+18.50 | 13.50 | 5,996,771.17 | 2,188,440.67 | 86.75 | 86.49 | 87.87 | 87.70 | 88.05 | 86.44 | 86.55 |
| 82+21.78 | 13.55 | 5,996,772.51 | 2,188,443.68 | 86.74 | 86.50 | 87.89 | 87.74 | 88.03 | 86.47 | 86.54 |
| 82+25.07 | 13.60 | 5,996,773.81 | 2,188,446.69 | 86.72 | 86.47 | 87.89 | 87.76 | 88.02 | 86.45 | 86.49 |
| 82+28.35 | 13.63 | 5,996,775.14 | 2,188,449.70 | 86.70 | 86.44 | 87.87 | 87.76 | 87.97 | 86.42 | 86.46 |
| 82+31.63 | 13.64 | 5,996,776.41 | 2,188,452.71 | 86.69 | 86.41 | 87.85 | 87.74 | 87.96 | 86.39 | 86.43 |
| 82+34.91 | 13.65 | 5,996,777.71 | 2,188,455.75 | 86.67 | 86.38 | 87.80 | 87.65 | 87.94 | 86.36 | 86.39 |
| 82+38.19 | 13.65 | 5,996,778.98 | 2,188,458.76 | 86.66 | 86.36 | 87.74 | 87.56 | 87.93 | 86.35 | 86.36 |
| 82+41.47 | 13.65 | 5,996,780.25 | 2,188,461.77 | 86.64 | 86.35 | 87.71 | 87.52 | 87.90 | 86.33 | 86.36 |
| 82+44.75 | 13.65 | 5,996,781.52 | 2,188,464.82 | 86.63 | 86.35 | 87.73 | 87.54 | 87.92 | 86.35 | 86.35 |
| 82+48.03 | 13.65 | 5,996,782.82 | 2,188,467.83 | 86.61 | 86.38 | 87.75 | 87.57 | 87.94 | 86.37 | 86.38 |
| 82+51.31 | 13.65 | 5,996,784.09 | 2,188,470.84 | 86.60 | 86.38 | 87.78 | 87.63 | 87.93 | 86.36 | 86.39 |
| 82+54.59 | 13.65 | 5,996,785.36 | 2,188,473.88 | 86.59 | 86.38 | 87.79 | 87.67 | 87.90 | 86.34 | 86.42 |
| 82+57.87 | 13.65 | 5,996,786.66 | 2,188,476.89 | 86.57 | 86.36 | 87.78 | 87.67 | 87.88 | 86.33 | 86.39 |
| 82+61.15 | 13.65 | 5,996,787.93 | 2,188,479.93 | 86.56 | 86.37 | 87.77 | 87.63 | 87.90 | 86.33 | 86.41 |
| 82+64.44 | 13.64 | 5,996,789.19 | 2,188,482.94 | 86.55 | 86.36 | 87.75 | 87.60 | 87.89 | 86.32 | 86.39 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 82+67.72 | 13.64 | 5,996,790.46 | 2,188,485.95 | 86.53 | 86.35 | 87.74 | 87.62 | 87.85 | 86.33 | 86.36 |
| 82+71.00 | 13.63 | 5,996,791.73 | 2,188,489.00 | 86.52 | 86.34 | 87.70 | 87.59 | 87.81 | 86.34 | 86.33 |
| 82+74.28 | 13.63 | 5,996,793.00 | 2,188,492.01 | 86.50 | 86.33 | 87.68 | 87.56 | 87.81 | 86.34 | 86.32 |
| 82+77.56 | 13.62 | 5,996,794.27 | 2,188,495.05 | 86.49 | 86.30 | 87.67 | 87.54 | 87.81 | 86.30 | 86.30 |
| 82+80.84 | 13.61 | 5,996,795.54 | 2,188,498.06 | 86.47 | 86.26 | 87.65 | 87.54 | 87.75 | 86.28 | 86.25 |
| 82+84.12 | 13.61 | 5,996,796.81 | 2,188,501.10 | 86.46 | 86.25 | 87.61 | 87.51 | 87.72 | 86.24 | 86.26 |
| 82+87.40 | 13.60 | 5,996,798.07 | 2,188,504.11 | 86.45 | 86.24 | 87.58 | 87.46 | 87.71 | 86.23 | 86.25 |
| 82+90.68 | 13.58 | 5,996,799.34 | 2,188,507.16 | 86.44 | 86.20 | 87.57 | 87.43 | 87.71 | 86.19 | 86.21 |
| 82+93.96 | 13.57 | 5,996,800.61 | 2,188,510.17 | 86.44 | 86.16 | 87.56 | 87.41 | 87.70 | 86.20 | 86.13 |
| 82+97.24 | 13.54 | 5,996,801.88 | 2,188,513.21 | 86.44 | 86.14 | 87.54 | 87.40 | 87.69 | 86.16 | 86.11 |
| 83+00.52 | 13.52 | 5,996,803.12 | 2,188,516.25 | 86.44 | 86.13 | 87.55 | 87.41 | 87.69 | 86.12 | 86.15 |
| 83+03.81 | 13.50 | 5,996,804.38 | 2,188,519.26 | 86.44 | 86.12 | 87.53 | 87.40 | 87.65 | 86.08 | 86.15 |
| 83+07.09 | 13.48 | 5,996,805.65 | 2,188,522.31 | 86.44 | 86.13 | 87.52 | 87.40 | 87.63 | 86.09 | 86.16 |
| 83+10.37 | 13.46 | 5,996,806.89 | 2,188,525.35 | 86.44 | 86.13 | 87.49 | 87.38 | 87.61 | 86.11 | 86.15 |
| 83+13.65 | 13.44 | 5,996,808.16 | 2,188,528.36 | 86.44 | 86.13 | 87.51 | 87.39 | 87.63 | 86.11 | 86.15 |
| 83+16.93 | 13.42 | 5,996,809.43 | 2,188,531.40 | 86.44 | 86.14 | 87.50 | 87.39 | 87.61 | 86.12 | 86.15 |
| 83+20.21 | 13.41 | 5,996,810.69 | 2,188,534.41 | 86.44 | 86.13 | 87.47 | 87.33 | 87.61 | 86.12 | 86.13 |
| 83+23.49 | 13.40 | 5,996,811.96 | 2,188,537.45 | 86.44 | 86.11 | 87.42 | 87.27 | 87.58 | 86.12 | 86.10 |
| 83+26.77 | 13.39 | 5,996,813.23 | 2,188,540.46 | 86.45 | 86.07 | 87.39 | 87.23 | 87.54 | 86.08 | 86.07 |
| 83+30.05 | 13.38 | 5,996,814.50 | 2,188,543.51 | 86.45 | 86.08 | 87.37 | 87.21 | 87.52 | 86.09 | 86.07 |
| 83+33.33 | 13.37 | 5,996,815.77 | 2,188,546.52 | 86.45 | 86.08 | 87.36 | 87.20 | 87.51 | 86.09 | 86.08 |
| 83+36.61 | 13.36 | 5,996,817.04 | 2,188,549.56 | 86.45 | 86.11 | 87.35 | 87.19 | 87.50 | 86.12 | 86.09 |
| 83+39.90 | 13.36 | 5,996,818.31 | 2,188,552.57 | 86.46 | 86.10 | 87.33 | 87.19 | 87.47 | 86.12 | 86.08 |
| 83+43.18 | 13.35 | 5,996,819.57 | 2,188,555.61 | 86.46 | 86.08 | 87.36 | 87.25 | 87.48 | 86.12 | 86.05 |
| 83+46.46 | 13.34 | 5,996,820.84 | 2,188,558.62 | 86.46 | 86.04 | 87.36 | 87.24 | 87.49 | 86.07 | 86.01 |
| 83+49.74 | 13.33 | 5,996,822.11 | 2,188,561.67 | 86.47 | 86.03 | 87.38 | 87.23 | 87.53 | 86.06 | 86.01 |
| 83+53.02 | 13.29 | 5,996,823.35 | 2,188,564.71 | 86.46 | 86.04 | 87.36 | 87.20 | 87.51 | 86.07 | 86.01 |
| 83+56.30 | 13.21 | 5,996,824.55 | 2,188,567.75 | 86.46 | 86.07 | 87.39 | 87.25 | 87.53 | 86.13 | 86.01 |
| 83+59.58 | 13.09 | 5,996,825.72 | 2,188,570.83 | 86.45 | 86.06 | 87.40 | 87.25 | 87.54 | 86.15 | 85.97 |
| 83+62.86 | 12.98 | 5,996,826.89 | 2,188,573.87 | 86.43 | 86.05 | 87.43 | 87.29 | 87.57 | 86.15 | 85.95 |
| 83+66.14 | 12.86 | 5,996,828.06 | 2,188,576.95 | 86.42 | 86.03 | 87.43 | 87.30 | 87.56 | 86.12 | 85.95 |
| 83+69.42 | 12.74 | 5,996,829.23 | 2,188,580.03 | 86.41 | 86.02 | 87.47 | 87.37 | 87.58 | 86.08 | 85.97 |
| 83+72.70 | 12.62 | 5,996,830.40 | 2,188,583.07 | 86.40 | 86.04 | 87.47 | 87.37 | 87.58 | 86.07 | 86.01 |
| 83+75.98 | 12.51 | 5,996,831.57 | 2,188,586.15 | 86.38 | 86.04 | 87.47 | 87.36 | 87.59 | 86.08 | 86.00 |
| 83+79.27 | 12.40 | 5,996,832.74 | 2,188,589.22 | 86.37 | 86.02 | 87.42 | 87.32 | 87.53 | 86.06 | 85.98 |
| 83+82.55 | 12.30 | 5,996,833.91 | 2,188,592.27 | 86.37 | 86.00 | 87.41 | 87.29 | 87.53 | 86.03 | 85.96 |
| 83+85.83 | 12.21 | 5,996,835.12 | 2,188,595.34 | 86.38 | 85.98 | 87.39 | 87.28 | 87.50 | 85.99 | 85.97 |
| 83+89.11 | 12.13 | 5,996,836.32 | 2,188,598.39 | 86.39 | 85.99 | 87.39 | 87.26 | 87.51 | 86.00 | 85.98 |
| 83+92.39 | 12.05 | 5,996,837.52 | 2,188,601.43 | 86.40 | 85.98 | 87.35 | 87.24 | 87.46 | 85.99 | 85.98 |
| 83+95.67 | 11.97 | 5,996,838.73 | 2,188,604.47 | 86.41 | 86.00 | 87.35 | 87.25 | 87.46 | 86.00 | 85.99 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 83+98.95 | 11.89 | 5,996,839.93 | 2,188,607.55 | 86.42 | 86.00 | 87.40 | 87.31 | 87.49 | 86.00 | 85.99 |
| 84+02.23 | 11.81 | 5,996,841.13 | 2,188,610.59 | 86.43 | 86.01 | 87.42 | 87.31 | 87.52 | 86.02 | 86.00 |
| 84+05.51 | 11.73 | 5,996,842.33 | 2,188,613.64 | 86.45 | 86.01 | 87.45 | 87.34 | 87.57 | 86.01 | 86.01 |
| 84+08.79 | 11.65 | 5,996,843.54 | 2,188,616.71 | 86.46 | 86.02 | 87.43 | 87.31 | 87.54 | 86.01 | 86.03 |
| 84+12.07 | 11.58 | 5,996,844.74 | 2,188,619.76 | 86.46 | 85.98 | 87.42 | 87.30 | 87.54 | 86.02 | 85.94 |
| 84+15.35 | 11.53 | 5,996,845.98 | 2,188,622.80 | 86.44 | 85.95 | 87.41 | 87.27 | 87.54 | 86.05 | 85.85 |
| 84+18.64 | 11.48 | 5,996,847.21 | 2,188,625.84 | 86.41 | 85.93 | 87.39 | 87.24 | 87.53 | 86.08 | 85.78 |
| 84+21.92 | 11.44 | 5,996,848.45 | 2,188,628.89 | 86.38 | 85.94 | 87.37 | 87.21 | 87.52 | 86.03 | 85.84 |
| 84+25.20 | 11.40 | 5,996,849.68 | 2,188,631.90 | 86.35 | 85.92 | 87.34 | 87.19 | 87.49 | 86.00 | 85.83 |
| 84+28.48 | 11.35 | 5,996,850.92 | 2,188,634.94 | 86.31 | 85.89 | 87.31 | 87.17 | 87.46 | 85.95 | 85.84 |
| 84+31.76 | 11.31 | 5,996,852.16 | 2,188,637.98 | 86.28 | 85.87 | 87.31 | 87.17 | 87.44 | 85.94 | 85.79 |
| 84+35.04 | 11.27 | 5,996,853.39 | 2,188,641.03 | 86.24 | 85.85 | 87.30 | 87.17 | 87.42 | 85.90 | 85.80 |
| 84+38.32 | 11.23 | 5,996,854.66 | 2,188,644.07 | 86.21 | 85.84 | 87.32 | 87.19 | 87.44 | 85.90 | 85.78 |
| 84+41.60 | 11.18 | 5,996,855.90 | 2,188,647.11 | 86.17 | 85.86 | 87.34 | 87.21 | 87.47 | 85.90 | 85.82 |
| 84+44.88 | 11.14 | 5,996,857.10 | 2,188,650.16 | 86.15 | 85.90 | 87.34 | 87.20 | 87.47 | 85.95 | 85.86 |
| 84+48.16 | 11.08 | 5,996,858.33 | 2,188,653.20 | 86.13 | 85.90 | 87.32 | 87.18 | 87.46 | 85.95 | 85.86 |
| 84+51.44 | 11.01 | 5,996,859.54 | 2,188,656.24 | 86.12 | 85.91 | 87.30 | 87.15 | 87.44 | 85.96 | 85.86 |
| 84+54.72 | 10.95 | 5,996,860.77 | 2,188,659.29 | 86.11 | 85.87 | 87.29 | 87.15 | 87.42 | 85.93 | 85.82 |
| 84+58.01 | 10.88 | 5,996,861.98 | 2,188,662.33 | 86.10 | 85.87 | 87.31 | 87.18 | 87.44 | 85.92 | 85.82 |
| 84+61.29 | 10.82 | 5,996,863.21 | 2,188,665.37 | 86.09 | 85.84 | 87.28 | 87.15 | 87.40 | 85.89 | 85.78 |
| 84+64.57 | 10.75 | 5,996,864.42 | 2,188,668.45 | 86.08 | 85.81 | 87.21 | 87.04 | 87.38 | 85.87 | 85.75 |
| 84+67.85 | 10.69 | 5,996,865.65 | 2,188,671.49 | 86.07 | 85.81 | 87.13 | 86.95 | 87.31 | 85.85 | 85.77 |
| 84+71.13 | 10.62 | 5,996,866.85 | 2,188,674.54 | 86.06 | 85.80 | 87.09 | 86.91 | 87.27 | 85.82 | 85.79 |
| 84+74.41 | 10.56 | 5,996,868.09 | 2,188,677.58 | 86.05 | 85.82 | 87.07 | 86.95 | 87.18 | 85.78 | 85.86 |
| 84+77.69 | 10.50 | 5,996,869.29 | 2,188,680.62 | 86.04 | 85.80 | 87.08 | 86.97 | 87.19 | 85.78 | 85.83 |
| 84+80.97 | 10.45 | 5,996,870.53 | 2,188,683.67 | 86.03 | 85.78 | 87.11 | 86.98 | 87.24 | 85.77 | 85.79 |
| 84+84.25 | 10.40 | 5,996,871.77 | 2,188,686.71 | 86.02 | 85.78 | 87.17 | 87.01 | 87.33 | 85.77 | 85.78 |
| 84+87.53 | 10.35 | 5,996,873.00 | 2,188,689.75 | 86.01 | 85.77 | 87.16 | 87.03 | 87.28 | 85.74 | 85.80 |
| 84+90.81 | 10.30 | 5,996,874.20 | 2,188,692.80 | 86.00 | 85.78 | 87.13 | 87.02 | 87.25 | 85.71 | 85.86 |
| 84+94.09 | 10.25 | 5,996,875.44 | 2,188,695.84 | 85.99 | 85.78 | 87.13 | 87.03 | 87.23 | 85.72 | 85.85 |
| 84+97.38 | 10.19 | 5,996,876.68 | 2,188,698.88 | 85.98 | 85.78 | 87.13 | 87.02 | 87.25 | 85.73 | 85.83 |
| 85+00.66 | 10.14 | 5,996,877.91 | 2,188,701.92 | 85.97 | 85.79 | 87.15 | 87.04 | 87.25 | 85.78 | 85.79 |
| 85+03.94 | 10.10 | 5,996,879.15 | 2,188,704.97 | 85.96 | 85.76 | 87.15 | 87.04 | 87.26 | 85.75 | 85.77 |
| 85+07.22 | 10.05 | 5,996,880.38 | 2,188,708.01 | 85.95 | 85.74 | 87.13 | 87.03 | 87.24 | 85.71 | 85.78 |
| 85+10.50 | 10.00 | 5,996,881.62 | 2,188,711.05 | 85.94 | 85.70 | 87.12 | 87.02 | 87.23 | 85.63 | 85.77 |
| 85+13.78 | 9.96 | 5,996,882.85 | 2,188,714.06 | 85.92 | 85.69 | 87.10 | 87.01 | 87.19 | 85.63 | 85.75 |
| 85+17.06 | 9.92 | 5,996,884.09 | 2,188,717.11 | 85.91 | 85.70 | 87.09 | 86.98 | 87.19 | 85.66 | 85.73 |
| 85+20.34 | 9.88 | 5,996,885.33 | 2,188,720.15 | 85.89 | 85.71 | 87.11 | 87.02 | 87.20 | 85.72 | 85.71 |
| 85+23.62 | 9.84 | 5,996,886.56 | 2,188,723.19 | 85.88 | 85.68 | 87.12 | 87.01 | 87.24 | 85.71 | 85.65 |
| 85+26.90 | 9.80 | 5,996,887.80 | 2,188,726.24 | 85.86 | 85.64 | 87.09 | 86.97 | 87.21 | 85.69 | 85.60 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 85+30.18 | 9.76 | 5,996,889.03 | 2,188,729.28 | 85.85 | 85.59 | 87.04 | 86.91 | 87.17 | 85.62 | 85.56 |
| 85+33.46 | 9.72 | 5,996,890.27 | 2,188,732.32 | 85.83 | 85.60 | 86.99 | 86.85 | 87.13 | 85.62 | 85.59 |
| 85+36.75 | 9.69 | 5,996,891.54 | 2,188,735.33 | 85.83 | 85.60 | 87.00 | 86.87 | 87.14 | 85.62 | 85.59 |
| 85+40.03 | 9.67 | 5,996,892.81 | 2,188,738.38 | 85.82 | 85.62 | 87.03 | 86.89 | 87.18 | 85.66 | 85.59 |
| 85+43.31 | 9.67 | 5,996,894.08 | 2,188,741.39 | 85.83 | 85.62 | 87.05 | 86.91 | 87.19 | 85.63 | 85.61 |
| 85+46.59 | 9.67 | 5,996,895.34 | 2,188,744.43 | 85.84 | 85.59 | 87.04 | 86.92 | 87.16 | 85.57 | 85.60 |
| 85+49.87 | 9.67 | 5,996,896.61 | 2,188,747.44 | 85.84 | 85.57 | 86.97 | 86.87 | 87.06 | 85.55 | 85.59 |
| 85+53.15 | 9.67 | 5,996,897.91 | 2,188,750.45 | 85.85 | 85.56 | 86.93 | 86.85 | 87.01 | 85.56 | 85.56 |
| 85+56.43 | 9.67 | 5,996,899.18 | 2,188,753.49 | 85.86 | 85.60 | 86.90 | 86.82 | 86.98 | 85.59 | 85.62 |
| 85+59.71 | 9.67 | 5,996,900.45 | 2,188,756.50 | 85.87 | 85.60 | 86.89 | 86.78 | 87.01 | 85.56 | 85.64 |
| 85+62.99 | 9.67 | 5,996,901.72 | 2,188,759.55 | 85.87 | 85.61 | 86.88 | 86.75 | 87.01 | 85.57 | 85.64 |
| 85+66.27 | 9.64 | 5,996,902.99 | 2,188,762.56 | 85.87 | 85.55 | 86.90 | 86.78 | 87.03 | 85.55 | 85.54 |
| 85+69.55 | 9.59 | 5,996,904.26 | 2,188,765.60 | 85.86 | 85.52 | 86.92 | 86.79 | 87.04 | 85.55 | 85.49 |
| 85+72.83 | 9.52 | 5,996,905.46 | 2,188,768.64 | 85.84 | 85.50 | 86.96 | 86.84 | 87.07 | 85.57 | 85.42 |
| 85+76.12 | 9.45 | 5,996,906.70 | 2,188,771.69 | 85.83 | 85.51 | 86.95 | 86.80 | 87.10 | 85.57 | 85.43 |
| 85+79.40 | 9.38 | 5,996,907.93 | 2,188,774.73 | 85.81 | 85.52 | 86.97 | 86.83 | 87.10 | 85.59 | 85.46 |
| 85+82.68 | 9.31 | 5,996,909.17 | 2,188,777.77 | 85.79 | 85.52 | 86.94 | 86.80 | 87.08 | 85.54 | 85.49 |
| 85+85.96 | 9.24 | 5,996,910.40 | 2,188,780.82 | 85.77 | 85.54 | 86.94 | 86.80 | 87.07 | 85.56 | 85.51 |
| 85+89.24 | 9.16 | 5,996,911.61 | 2,188,783.86 | 85.75 | 85.52 | 86.93 | 86.78 | 87.08 | 85.54 | 85.49 |
| 85+92.52 | 9.09 | 5,996,912.84 | 2,188,786.90 | 85.73 | 85.49 | 86.91 | 86.76 | 87.06 | 85.52 | 85.47 |
| 85+95.80 | 9.02 | 5,996,914.08 | 2,188,789.95 | 85.71 | 85.47 | 86.88 | 86.75 | 87.01 | 85.48 | 85.46 |
| 85+99.08 | 8.97 | 5,996,915.31 | 2,188,792.99 | 85.69 | 85.44 | 86.85 | 86.74 | 86.98 | 85.43 | 85.46 |
| 86+02.36 | 8.94 | 5,996,916.58 | 2,188,796.00 | 85.67 | 85.43 | 86.85 | 86.72 | 86.98 | 85.40 | 85.47 |
| 86+05.64 | 8.93 | 5,996,917.88 | 2,188,799.01 | 85.66 | 85.42 | 86.88 | 86.75 | 87.01 | 85.39 | 85.46 |
| 86+08.92 | 8.93 | 5,996,919.18 | 2,188,802.05 | 85.64 | 85.40 | 86.88 | 86.74 | 87.02 | 85.38 | 85.42 |
| 86+12.20 | 8.92 | 5,996,920.45 | 2,188,805.06 | 85.62 | 85.41 | 86.83 | 86.70 | 86.97 | 85.40 | 85.41 |
| 86+15.49 | 8.92 | 5,996,921.75 | 2,188,808.07 | 85.60 | 85.37 | 86.82 | 86.67 | 86.97 | 85.37 | 85.37 |
| 86+18.77 | 8.91 | 5,996,923.02 | 2,188,811.08 | 85.58 | 85.40 | 86.79 | 86.66 | 86.92 | 85.42 | 85.38 |
| 86+22.05 | 8.90 | 5,996,924.32 | 2,188,814.12 | 85.57 | 85.37 | 86.82 | 86.69 | 86.95 | 85.39 | 85.34 |
| 86+25.33 | 8.90 | 5,996,925.63 | 2,188,817.13 | 85.55 | 85.38 | 86.80 | 86.68 | 86.93 | 85.41 | 85.34 |
| 86+28.61 | 8.89 | 5,996,926.89 | 2,188,820.15 | 85.53 | 85.31 | 86.83 | 86.69 | 86.97 | 85.32 | 85.29 |
| 86+31.89 | 8.88 | 5,996,928.19 | 2,188,823.16 | 85.52 | 85.29 | 86.77 | 86.64 | 86.91 | 85.31 | 85.26 |
| 86+35.17 | 8.88 | 5,996,929.50 | 2,188,826.16 | 85.50 | 85.25 | 86.76 | 86.62 | 86.90 | 85.28 | 85.23 |
| 86+38.45 | 8.87 | 5,996,930.76 | 2,188,829.21 | 85.48 | 85.26 | 86.69 | 86.54 | 86.84 | 85.29 | 85.23 |
| 86+41.73 | 8.87 | 5,996,932.07 | 2,188,832.22 | 85.46 | 85.25 | 86.64 | 86.45 | 86.82 | 85.29 | 85.20 |
| 86+45.01 | 8.86 | 5,996,933.37 | 2,188,835.23 | 85.44 | 85.24 | 86.60 | 86.41 | 86.79 | 85.30 | 85.18 |
| 86+48.29 | 8.86 | 5,996,934.64 | 2,188,838.24 | 85.42 | 85.24 | 86.61 | 86.45 | 86.77 | 85.28 | 85.19 |
| 86+51.57 | 8.85 | 5,996,935.94 | 2,188,841.28 | 85.40 | 85.24 | 86.64 | 86.48 | 86.80 | 85.25 | 85.23 |
| 86+54.86 | 8.85 | 5,996,937.24 | 2,188,844.29 | 85.38 | 85.23 | 86.65 | 86.49 | 86.81 | 85.21 | 85.25 |
| 86+58.14 | 8.85 | 5,996,938.51 | 2,188,847.30 | 85.36 | 85.21 | 86.64 | 86.45 | 86.83 | 85.20 | 85.21 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 86+61.42 | 8.86 | 5,996,939.84 | 2,188,850.31 | 85.34 | 85.18 | 86.63 | 86.45 | 86.81 | 85.17 | 85.18 |
| 86+64.70 | 8.89 | 5,996,941.14 | 2,188,853.32 | 85.31 | 85.15 | 86.59 | 86.41 | 86.77 | 85.15 | 85.16 |
| 86+67.98 | 8.93 | 5,996,942.48 | 2,188,856.30 | 85.30 | 85.13 | 86.53 | 86.35 | 86.71 | 85.13 | 85.13 |
| 86+71.26 | 8.98 | 5,996,943.81 | 2,188,859.31 | 85.27 | 85.10 | 86.48 | 86.30 | 86.67 | 85.14 | 85.06 |
| 86+74.54 | 9.02 | 5,996,945.14 | 2,188,862.32 | 85.25 | 85.07 | 86.47 | 86.29 | 86.66 | 85.14 | 85.01 |
| 86+77.82 | 9.07 | 5,996,946.48 | 2,188,865.29 | 85.23 | 85.07 | 86.51 | 86.35 | 86.67 | 85.14 | 85.00 |
| 86+81.10 | 9.11 | 5,996,947.81 | 2,188,868.30 | 85.21 | 85.08 | 86.54 | 86.39 | 86.69 | 85.16 | 85.01 |
| 86+84.38 | 9.16 | 5,996,949.18 | 2,188,871.31 | 85.19 | 85.08 | 86.55 | 86.41 | 86.69 | 85.16 | 85.01 |
| 86+87.66 | 9.19 | 5,996,950.48 | 2,188,874.29 | 85.17 | 85.07 | 86.53 | 86.34 | 86.72 | 85.16 | 84.98 |
| 86+90.94 | 9.22 | 5,996,951.81 | 2,188,877.30 | 85.15 | 85.05 | 86.52 | 86.31 | 86.72 | 85.13 | 84.97 |
| 86+94.23 | 9.23 | 5,996,953.11 | 2,188,880.31 | 85.14 | 85.08 | 86.51 | 86.30 | 86.71 | 85.14 | 85.02 |
| 86+97.51 | 9.24 | 5,996,954.42 | 2,188,883.32 | 85.13 | 85.07 | 86.47 | 86.30 | 86.64 | 85.11 | 85.02 |
| 87+00.79 | 9.24 | 5,996,955.72 | 2,188,886.33 | 85.12 | 85.07 | 86.43 | 86.30 | 86.57 | 85.08 | 85.05 |
| 87+04.07 | 9.25 | 5,996,957.02 | 2,188,889.37 | 85.10 | 85.01 | 86.39 | 86.24 | 86.54 | 85.02 | 85.01 |
| 87+07.35 | 9.25 | 5,996,958.32 | 2,188,892.38 | 85.10 | 85.00 | 86.36 | 86.22 | 86.51 | 85.00 | 85.01 |
| 87+10.63 | 9.26 | 5,996,959.62 | 2,188,895.39 | 85.09 | 85.01 | 86.37 | 86.24 | 86.49 | 85.02 | 85.01 |
| 87+13.91 | 9.26 | 5,996,960.92 | 2,188,898.40 | 85.07 | 85.01 | 86.38 | 86.28 | 86.49 | 85.02 | 85.00 |
| 87+17.19 | 9.27 | 5,996,962.22 | 2,188,901.41 | 85.06 | 85.01 | 86.41 | 86.31 | 86.51 | 85.00 | 85.03 |
| 87+20.47 | 9.27 | 5,996,963.53 | 2,188,904.42 | 85.05 | 84.97 | 86.38 | 86.24 | 86.53 | 84.95 | 84.98 |
| 87+23.75 | 9.27 | 5,996,964.79 | 2,188,907.43 | 85.04 | 84.96 | 86.36 | 86.25 | 86.47 | 84.94 | 84.98 |
| 87+27.03 | 9.30 | 5,996,966.13 | 2,188,910.44 | 85.03 | 84.93 | 86.30 | 86.15 | 86.44 | 84.92 | 84.94 |
| 87+30.31 | 9.34 | 5,996,967.46 | 2,188,913.45 | 85.02 | 84.90 | 86.26 | 86.15 | 86.36 | 84.87 | 84.93 |
| 87+33.60 | 9.41 | 5,996,968.83 | 2,188,916.43 | 85.02 | 84.90 | 86.16 | 86.11 | 86.21 | 84.88 | 84.92 |
| 87+36.88 | 9.48 | 5,996,970.16 | 2,188,919.40 | 85.01 | 84.89 | 86.13 | 86.19 | 86.07 | 84.89 | 84.90 |
| 87+40.16 | 9.55 | 5,996,971.53 | 2,188,922.41 | 85.00 | 84.91 | 86.09 | 86.22 | 85.95 | 84.93 | 84.90 |
| 87+43.44 | 9.61 | 5,996,972.90 | 2,188,925.39 | 84.99 | 84.90 | 86.11 | 86.20 | 86.03 | 84.91 | 84.90 |
| 87+46.72 | 9.68 | 5,996,974.26 | 2,188,928.37 | 84.99 | 84.92 | 86.11 | 86.11 | 86.10 | 84.93 | 84.91 |
| 87+50.00 | 9.75 | 5,996,975.60 | 2,188,931.38 | 84.98 | 84.89 | 86.10 | 86.02 | 86.16 | 84.88 | 84.90 |
| 87+53.28 | 9.82 | 5,996,976.96 | 2,188,934.35 | 84.97 | 84.87 | 86.05 | 85.96 | 86.15 | 84.83 | 84.90 |
| 87+56.56 | 9.89 | 5,996,978.33 | 2,188,937.33 | 84.96 | 84.84 | 86.02 | 85.95 | 86.10 | 84.80 | 84.89 |
| 87+59.84 | 9.95 | 5,996,979.66 | 2,188,940.34 | 84.96 | 84.87 | 86.00 | 85.95 | 86.05 | 84.84 | 84.89 |
| 87+63.12 | 10.02 | 5,996,981.03 | 2,188,943.32 | 84.95 | 84.85 | 86.00 | 85.99 | 86.01 | 84.87 | 84.84 |
| 87+66.40 | 10.09 | 5,996,982.40 | 2,188,946.29 | 84.94 | 84.85 | 86.04 | 86.03 | 86.05 | 84.88 | 84.82 |
| 87+69.69 | 10.16 | 5,996,983.73 | 2,188,949.30 | 84.93 | 84.84 | 86.07 | 86.06 | 86.09 | 84.88 | 84.80 |
| 87+72.97 | 10.23 | 5,996,985.10 | 2,188,952.28 | 84.93 | 84.82 | 86.09 | 86.05 | 86.13 | 84.85 | 84.79 |
| 87+76.25 | 10.30 | 5,996,986.46 | 2,188,955.26 | 84.92 | 84.79 | 86.07 | 86.01 | 86.12 | 84.81 | 84.77 |
| 87+79.53 | 10.36 | 5,996,987.83 | 2,188,958.27 | 84.91 | 84.76 | 86.05 | 86.00 | 86.09 | 84.78 | 84.73 |
| 87+82.81 | 10.43 | 5,996,989.16 | 2,188,961.24 | 84.90 | 84.74 | 86.03 | 86.01 | 86.06 | 84.78 | 84.70 |
| 87+86.09 | 10.50 | 5,996,990.53 | 2,188,964.22 | 84.90 | 84.72 | 86.03 | 86.03 | 86.02 | 84.75 | 84.68 |
| 87+89.37 | 10.57 | 5,996,991.90 | 2,188,967.23 | 84.89 | 84.69 | 85.98 | 85.97 | 86.00 | 84.73 | 84.66 |

FUGRO USA MARINE INC.
FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 87+92.65 | 10.63 | 5,996,993.23 | 2,188,970.21 | 84.88 | 84.67 | 85.94 | 85.88 | 86.00 | 84.69 | 84.65 |
| 87+95.93 | 10.70 | 5,996,994.60 | 2,188,973.18 | 84.88 | 84.63 | 85.88 | 85.78 | 85.98 | 84.65 | 84.61 |
| 87+99.21 | 10.78 | 5,996,995.97 | 2,188,976.19 | 84.87 | 84.60 | 85.89 | 85.79 | 85.98 | 84.61 | 84.59 |
| 88+02.49 | 10.86 | 5,996,997.33 | 2,188,979.17 | 84.86 | 84.60 | 85.93 | 85.88 | 85.97 | 84.59 | 84.60 |
| 88+05.77 | 10.95 | 5,996,998.73 | 2,188,982.15 | 84.85 | 84.61 | 85.91 | 85.86 | 85.96 | 84.60 | 84.61 |
| 88+09.06 | 11.05 | 5,997,000.10 | 2,188,985.12 | 84.83 | 84.62 | 85.88 | 85.85 | 85.90 | 84.60 | 84.64 |
| 88+12.34 | 11.15 | 5,997,001.50 | 2,188,988.10 | 84.82 | 84.62 | 85.79 | 85.74 | 85.84 | 84.60 | 84.65 |
| 88+15.62 | 11.25 | 5,997,002.86 | 2,188,991.07 | 84.81 | 84.60 | 85.77 | 85.74 | 85.79 | 84.57 | 84.64 |
| 88+18.90 | 11.35 | 5,997,004.26 | 2,188,994.05 | 84.79 | 84.58 | 85.78 | 85.72 | 85.84 | 84.56 | 84.60 |
| 88+22.18 | 11.44 | 5,997,005.63 | 2,188,997.03 | 84.78 | 84.54 | 85.84 | 85.76 | 85.92 | 84.51 | 84.56 |
| 88+25.46 | 11.54 | 5,997,007.03 | 2,189,000.00 | 84.77 | 84.53 | 85.88 | 85.83 | 85.94 | 84.52 | 84.54 |
| 88+28.74 | 11.62 | 5,997,008.40 | 2,189,002.98 | 84.77 | 84.51 | 85.90 | 85.87 | 85.93 | 84.51 | 84.51 |
| 88+32.02 | 11.70 | 5,997,009.76 | 2,189,005.96 | 84.77 | 84.53 | 85.87 | 85.86 | 85.87 | 84.56 | 84.50 |
| 88+35.30 | 11.78 | 5,997,011.13 | 2,189,008.93 | 84.77 | 84.52 | 85.89 | 85.86 | 85.92 | 84.56 | 84.49 |
| 88+38.58 | 11.86 | 5,997,012.50 | 2,189,011.91 | 84.77 | 84.55 | 85.89 | 85.84 | 85.95 | 84.58 | 84.51 |
| 88+41.86 | 11.94 | 5,997,013.86 | 2,189,014.92 | 84.77 | 84.54 | 85.89 | 85.85 | 85.94 | 84.60 | 84.48 |
| 88+45.14 | 12.02 | 5,997,015.23 | 2,189,017.90 | 84.77 | 84.56 | 85.88 | 85.83 | 85.93 | 84.61 | 84.51 |
| 88+48.43 | 12.10 | 5,997,016.60 | 2,189,020.87 | 84.76 | 84.55 | 85.87 | 85.84 | 85.90 | 84.60 | 84.50 |
| 88+51.71 | 12.18 | 5,997,017.96 | 2,189,023.85 | 84.76 | 84.56 | 85.91 | 85.86 | 85.96 | 84.58 | 84.54 |
| 88+54.99 | 12.25 | 5,997,019.33 | 2,189,026.83 | 84.75 | 84.55 | 85.91 | 85.85 | 85.97 | 84.57 | 84.52 |
| 88+58.27 | 12.33 | 5,997,020.70 | 2,189,029.84 | 84.73 | 84.53 | 85.90 | 85.83 | 85.98 | 84.55 | 84.51 |
| 88+61.55 | 12.41 | 5,997,022.06 | 2,189,032.81 | 84.71 | 84.52 | 85.89 | 85.79 | 85.98 | 84.52 | 84.51 |
| 88+64.83 | 12.49 | 5,997,023.43 | 2,189,035.79 | 84.70 | 84.50 | 85.89 | 85.79 | 85.99 | 84.52 | 84.48 |
| 88+68.11 | 12.57 | 5,997,024.80 | 2,189,038.77 | 84.68 | 84.50 | 85.87 | 85.76 | 85.97 | 84.52 | 84.47 |
| 88+71.39 | 12.64 | 5,997,026.16 | 2,189,041.78 | 84.67 | 84.47 | 85.83 | 85.72 | 85.95 | 84.49 | 84.45 |
| 88+74.67 | 12.72 | 5,997,027.53 | 2,189,044.75 | 84.65 | 84.44 | 85.78 | 85.67 | 85.89 | 84.45 | 84.44 |
| 88+77.95 | 12.81 | 5,997,028.90 | 2,189,047.73 | 84.64 | 84.42 | 85.77 | 85.64 | 85.89 | 84.41 | 84.44 |
| 88+81.23 | 12.90 | 5,997,030.30 | 2,189,050.71 | 84.64 | 84.43 | 85.77 | 85.63 | 85.92 | 84.43 | 84.44 |
| 88+84.51 | 13.00 | 5,997,031.66 | 2,189,053.68 | 84.64 | 84.43 | 85.78 | 85.61 | 85.95 | 84.44 | 84.42 |
| 88+87.80 | 13.10 | 5,997,033.06 | 2,189,056.66 | 84.64 | 84.42 | 85.76 | 85.60 | 85.93 | 84.44 | 84.39 |
| 88+91.08 | 13.19 | 5,997,034.43 | 2,189,059.64 | 84.64 | 84.37 | 85.73 | 85.57 | 85.88 | 84.37 | 84.36 |
| 88+94.36 | 13.29 | 5,997,035.83 | 2,189,062.61 | 84.64 | 84.34 | 85.71 | 85.57 | 85.84 | 84.31 | 84.37 |
| 88+97.64 | 13.39 | 5,997,037.20 | 2,189,065.59 | 84.64 | 84.31 | 85.70 | 85.57 | 85.83 | 84.25 | 84.37 |
| 89+00.92 | 13.48 | 5,997,038.59 | 2,189,068.56 | 84.64 | 84.33 | 85.73 | 85.63 | 85.83 | 84.23 | 84.43 |
| 89+04.20 | 13.58 | 5,997,039.96 | 2,189,071.54 | 84.64 | 84.34 | 85.75 | 85.69 | 85.82 | 84.23 | 84.45 |
| 89+07.48 | 13.67 | 5,997,041.33 | 2,189,074.52 | 84.64 | 84.37 | 85.78 | 85.73 | 85.83 | 84.27 | 84.46 |
| 89+10.76 | 13.75 | 5,997,042.73 | 2,189,077.49 | 84.64 | 84.34 | 85.77 | 85.73 | 85.82 | 84.28 | 84.41 |
| 89+14.04 | 13.84 | 5,997,044.09 | 2,189,080.47 | 84.65 | 84.34 | 85.76 | 85.71 | 85.82 | 84.27 | 84.41 |
| 89+17.32 | 13.92 | 5,997,045.46 | 2,189,083.45 | 84.65 | 84.32 | 85.75 | 85.72 | 85.79 | 84.24 | 84.41 |
| 89+20.60 | 14.01 | 5,997,046.83 | 2,189,086.42 | 84.66 | 84.36 | 85.73 | 85.69 | 85.78 | 84.26 | 84.45 |

FUGRO USA MARINE INC.

FIVE-POINT LISTING

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|-----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Eastings [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 89+23.88 | 14.09 | 5,997,048.19 | 2,189,089.40 | 84.66 | 84.36 | 85.74 | 85.70 | 85.78 | 84.28 | 84.43 |
| 89+27.17 | 14.18 | 5,997,049.56 | 2,189,092.41 | 84.66 | 84.34 | 85.72 | 85.64 | 85.80 | 84.28 | 84.39 |
| 89+30.45 | 14.26 | 5,997,050.96 | 2,189,095.39 | 84.66 | 84.29 | 85.71 | 85.61 | 85.82 | 84.27 | 84.32 |
| 89+33.73 | 14.34 | 5,997,052.29 | 2,189,098.36 | 84.66 | 84.26 | 85.70 | 85.56 | 85.84 | 84.26 | 84.26 |
| 89+37.01 | 14.41 | 5,997,053.66 | 2,189,101.34 | 84.64 | 84.29 | 85.71 | 85.57 | 85.84 | 84.29 | 84.28 |
| 89+40.29 | 14.47 | 5,997,055.03 | 2,189,104.35 | 84.61 | 84.31 | 85.69 | 85.57 | 85.79 | 84.32 | 84.31 |
| 89+43.57 | 14.53 | 5,997,056.36 | 2,189,107.33 | 84.59 | 84.33 | 85.69 | 85.61 | 85.76 | 84.32 | 84.34 |
| 89+46.85 | 14.60 | 5,997,057.73 | 2,189,110.30 | 84.57 | 84.28 | 85.67 | 85.62 | 85.72 | 84.28 | 84.28 |
| 89+50.13 | 14.66 | 5,997,059.09 | 2,189,113.31 | 84.55 | 84.25 | 85.73 | 85.65 | 85.82 | 84.25 | 84.25 |
| 89+53.41 | 14.73 | 5,997,060.43 | 2,189,116.29 | 84.52 | 84.25 | 85.75 | 85.65 | 85.85 | 84.27 | 84.22 |
| 89+56.69 | 14.79 | 5,997,061.80 | 2,189,119.30 | 84.50 | 84.24 | 85.77 | 85.65 | 85.88 | 84.26 | 84.21 |
| 89+59.97 | 14.86 | 5,997,063.13 | 2,189,122.28 | 84.48 | 84.22 | 85.73 | 85.63 | 85.83 | 84.23 | 84.21 |
| 89+63.25 | 14.93 | 5,997,064.50 | 2,189,125.25 | 84.47 | 84.20 | 85.67 | 85.57 | 85.77 | 84.19 | 84.22 |
| 89+66.54 | 15.00 | 5,997,065.86 | 2,189,128.23 | 84.47 | 84.19 | 85.65 | 85.53 | 85.76 | 84.16 | 84.21 |
| 89+69.82 | 15.08 | 5,997,067.23 | 2,189,131.24 | 84.46 | 84.19 | 85.62 | 85.49 | 85.75 | 84.18 | 84.21 |
| 89+73.10 | 15.15 | 5,997,068.60 | 2,189,134.22 | 84.46 | 84.17 | 85.62 | 85.48 | 85.77 | 84.16 | 84.18 |
| 89+76.38 | 15.23 | 5,997,069.96 | 2,189,137.19 | 84.46 | 84.19 | 85.65 | 85.50 | 85.80 | 84.21 | 84.18 |
| 89+79.66 | 15.31 | 5,997,071.33 | 2,189,140.17 | 84.45 | 84.16 | 85.66 | 85.53 | 85.79 | 84.20 | 84.13 |
| 89+82.94 | 15.38 | 5,997,072.70 | 2,189,143.18 | 84.45 | 84.16 | 85.66 | 85.52 | 85.79 | 84.21 | 84.11 |
| 89+86.22 | 15.46 | 5,997,074.06 | 2,189,146.15 | 84.44 | 84.14 | 85.61 | 85.50 | 85.73 | 84.19 | 84.09 |
| 89+89.50 | 15.52 | 5,997,075.40 | 2,189,149.13 | 84.44 | 84.14 | 85.59 | 85.47 | 85.72 | 84.18 | 84.10 |
| 89+92.78 | 15.58 | 5,997,076.76 | 2,189,152.14 | 84.44 | 84.15 | 85.60 | 85.49 | 85.71 | 84.16 | 84.13 |
| 89+96.06 | 15.62 | 5,997,078.10 | 2,189,155.12 | 84.44 | 84.14 | 85.60 | 85.47 | 85.74 | 84.13 | 84.14 |
| 89+99.34 | 15.66 | 5,997,079.40 | 2,189,158.13 | 84.44 | 84.12 | 85.59 | 85.44 | 85.74 | 84.13 | 84.11 |
| 90+02.62 | 15.69 | 5,997,080.73 | 2,189,161.14 | 84.44 | 84.08 | 85.56 | 85.39 | 85.73 | 84.10 | 84.06 |
| 90+05.91 | 15.73 | 5,997,082.07 | 2,189,164.15 | 84.44 | 84.07 | 85.57 | 85.40 | 85.74 | 84.11 | 84.03 |
| 90+09.19 | 15.76 | 5,997,083.40 | 2,189,167.12 | 84.44 | 84.10 | 85.59 | 85.42 | 85.76 | 84.14 | 84.06 |
| 90+12.47 | 15.79 | 5,997,084.73 | 2,189,170.13 | 84.44 | 84.13 | 85.63 | 85.47 | 85.79 | 84.19 | 84.08 |
| 90+15.75 | 15.83 | 5,997,086.04 | 2,189,173.14 | 84.44 | 84.13 | 85.55 | 85.43 | 85.67 | 84.18 | 84.09 |
| 90+19.03 | 15.87 | 5,997,087.37 | 2,189,176.15 | 84.44 | 84.08 | 85.51 | 85.40 | 85.61 | 84.11 | 84.06 |
| 90+22.31 | 15.91 | 5,997,088.70 | 2,189,179.13 | 84.44 | 84.04 | 85.44 | 85.34 | 85.54 | 84.05 | 84.03 |
| 90+25.59 | 15.96 | 5,997,090.04 | 2,189,182.14 | 84.43 | 84.03 | 85.43 | 85.34 | 85.52 | 84.05 | 84.01 |
| 90+28.87 | 16.02 | 5,997,091.40 | 2,189,185.12 | 84.42 | 84.05 | 85.44 | 85.34 | 85.53 | 84.10 | 84.00 |
| 90+32.15 | 16.08 | 5,997,092.74 | 2,189,188.13 | 84.42 | 84.06 | 85.46 | 85.37 | 85.54 | 84.13 | 83.98 |
| 90+35.43 | 16.15 | 5,997,094.11 | 2,189,191.10 | 84.41 | 84.05 | 85.50 | 85.36 | 85.64 | 84.15 | 83.95 |
| 90+38.71 | 16.20 | 5,997,095.44 | 2,189,194.11 | 84.40 | 84.02 | 85.46 | 85.31 | 85.60 | 84.10 | 83.95 |
| 90+41.99 | 16.26 | 5,997,096.81 | 2,189,197.09 | 84.39 | 84.00 | 85.42 | 85.28 | 85.56 | 84.06 | 83.93 |
| 90+45.28 | 16.32 | 5,997,098.14 | 2,189,200.10 | 84.39 | 83.95 | 85.37 | 85.24 | 85.50 | 83.99 | 83.91 |
| 90+48.56 | 16.38 | 5,997,099.51 | 2,189,203.08 | 84.38 | 83.93 | 85.36 | 85.24 | 85.49 | 83.98 | 83.88 |
| 90+51.84 | 16.45 | 5,997,100.84 | 2,189,206.05 | 84.37 | 83.93 | 85.33 | 85.21 | 85.46 | 83.99 | 83.87 |

**FUGRO USA MARINE INC.
FIVE-POINT LISTING**

FIVE-POINT BETA OFFSHORE AS-FOUND 16" PIPELINE

| KP | DCC | Pipe | | | Seabed Depth [ft] | | | | | |
|----------|-------|----------------|-----------------|------------------------|-------------------|---------------|------------|-------------|------------|-------------|
| | | Easting [Usft] | Northing [Usft] | Depth Top of Pipe [ft] | Mean Level | Mean Adjacent | Left Inner | Right Inner | Left Outer | Right Outer |
| 90+55.12 | 16.51 | 5,997,102.21 | 2,189,209.06 | 84.34 | 83.96 | 85.34 | 85.24 | 85.44 | 83.97 | 83.96 |
| 90+58.40 | 16.58 | 5,997,103.57 | 2,189,212.04 | 84.31 | 84.13 | 85.32 | 85.20 | 85.43 | 83.93 | 84.32 |
| 90+61.68 | 16.65 | 5,997,104.91 | 2,189,215.02 | 84.28 | 84.28 | 85.32 | 85.20 | 85.43 | 83.92 | 84.64 |
| 90+64.96 | 16.72 | 5,997,106.27 | 2,189,218.03 | 84.25 | 84.42 | 85.29 | 85.15 | 85.43 | 83.93 | 84.91 |
| 90+68.24 | 16.78 | 5,997,107.64 | 2,189,221.00 | 84.22 | 84.44 | 85.29 | 85.15 | 85.42 | 83.95 | 84.93 |
| 90+71.52 | 16.85 | 5,997,109.01 | 2,189,223.98 | 84.19 | 84.46 | 85.27 | 85.11 | 85.42 | 83.93 | 84.97 |
| 90+74.80 | 16.90 | 5,997,110.34 | 2,189,226.99 | 84.16 | 84.44 | 85.23 | 85.07 | 85.38 | 83.89 | 84.98 |
| 90+78.08 | 16.80 | 5,997,111.71 | 2,189,229.96 | 84.12 | 84.41 | 85.16 | 85.00 | 85.33 | 83.85 | 84.97 |
| 90+81.36 | 16.71 | 5,997,113.08 | 2,189,232.97 | 84.10 | 84.41 | 85.15 | 84.97 | 85.33 | 83.85 | 84.96 |
| 90+84.65 | 16.61 | 5,997,114.41 | 2,189,235.95 | 84.08 | 84.43 | 85.20 | 85.03 | 85.38 | 83.87 | 84.98 |
| 90+87.93 | 16.52 | 5,997,115.78 | 2,189,238.93 | 84.06 | 84.43 | 85.25 | 85.07 | 85.42 | 83.89 | 84.96 |
| 90+91.21 | 16.42 | 5,997,117.14 | 2,189,241.94 | 84.06 | 84.43 | 85.26 | 85.08 | 85.44 | 83.89 | 84.97 |
| 90+94.49 | 16.32 | 5,997,118.48 | 2,189,244.91 | 84.05 | 84.42 | 85.24 | 85.04 | 85.44 | 83.89 | 84.94 |
| 90+97.77 | 16.22 | 5,997,119.84 | 2,189,247.89 | 84.04 | 84.41 | 85.22 | 85.01 | 85.43 | 83.89 | 84.93 |
| 91+01.05 | 16.13 | 5,997,121.18 | 2,189,250.90 | 84.03 | 84.41 | 85.21 | 85.01 | 85.41 | 83.89 | 84.93 |
| 91+04.33 | 16.03 | 5,997,122.54 | 2,189,253.88 | 84.02 | 84.43 | 85.20 | 85.02 | 85.39 | 83.90 | 84.95 |
| 91+07.61 | 15.93 | 5,997,123.88 | 2,189,256.89 | 84.01 | 84.45 | 85.20 | 85.05 | 85.36 | 83.90 | 85.00 |
| 91+10.89 | 15.83 | 5,997,125.24 | 2,189,259.86 | 84.00 | 84.42 | 85.16 | 85.01 | 85.31 | 83.87 | 84.96 |
| 91+14.17 | 15.72 | 5,997,126.58 | 2,189,262.87 | 83.99 | 84.37 | 85.13 | 84.97 | 85.28 | 83.82 | 84.93 |
| 91+17.45 | 15.59 | 5,997,127.91 | 2,189,265.85 | 83.99 | 84.33 | 85.11 | 84.93 | 85.30 | 83.78 | 84.88 |
| 91+20.73 | 15.45 | 5,997,129.21 | 2,189,268.86 | 83.99 | 84.29 | 85.07 | 84.89 | 85.25 | 83.73 | 84.85 |
| 91+24.02 | 15.31 | 5,997,130.55 | 2,189,271.87 | 83.99 | 84.26 | 85.03 | 84.87 | 85.19 | 83.69 | 84.82 |
| 91+27.30 | 15.16 | 5,997,131.85 | 2,189,274.88 | 84.00 | 84.23 | 84.95 | 84.82 | 85.08 | 83.66 | 84.79 |
| 91+30.58 | 15.02 | 5,997,133.15 | 2,189,277.89 | 84.00 | 84.20 | 84.89 | 84.78 | 85.01 | 83.66 | 84.74 |

