APPENDIX D-2

Post-Installation Burial Verification Survey Observations

Table 1. Burial Verification Survey Observations along JUS S9 Montaña Cable Corridor

Kilometer Point (KP) Range	Predominant Seafloor Conditions and Debris Observed
JUS S9 Montaña	
KP 1 to KP 4.8	Mixed coarse sediment and gravel, rocky outcrops.
KP 4.8 to KP 6.0	Rocky outcrop section continues with gravel covering rocks in places.
KP 6.0 to 11.7	Mud sediment.
KP 11.7 to KP 13.3	Mud sediments with rocky outcrops.
KP 13.3 to KP 21.233	Mud and sediment.
KP 21.233 to KP 41.233	Soft sandy silts with occasional rocks and pebbles.
KP 41.233 to KP 65.560	Largely flat and featureless sand/silt gently sloping offshore.
KP 65.560 to KP 81.233	Increase in frequency of rocks and boulders.
KP 81.233 to KP 95.271	Sand and silt and particularly rocky with steep gradients.

Notes: KP = Kilometer Point. The extent of the burial verification survey for JUS S9 Montaña was from 35°18.399'N, 120°53.007'W to 35°22.158'N, 121°53.717'W.

Source: Most recent ROV inspection surveys completed by Global Marine Systems (2015a, 2015b, 2015c), provided in the Environmental Analysis prepared by Padre Associates, Inc (Padre Associates, Inc. 2024).

Table 2. Burial Verification Survey Observations along JUS S9 Manchester and S8 Cable Corridors

Kilometer Point (KP) Range	Predominant Seafloor Conditions and Debris Observed
JUS S9 Manchester	
KP 578.632 to KP 573.123	Rocky outcrops.
KP 588.632 to KP 578.632	The water depth increases rapidly to 2,952.7 feet (900 meters). The seabed is largely flat and featureless sand/slit initially, with more instances of rocks and boulder fields towards KP 578.632.
KP 597.202 to KP 588.632	Firm layer with rocky outcrops.
KP 608.632 to KP 598.632	No incidences of exposed cable or debris were found for the first 6.2 miles (10 kilometers) of cable route starting from the Manchester cable conduit exit.
JUS S8	
Inshore segments	Sand with small ripples.
KP 2.904 to KP 6.500	Hard sub-surface layer.
KP 7.315 to KP 9.470	A small length of rope with a weight was seen on the route.
KP 9.470 to KP 21.550	Length of blue polypropylene rope crossed the route with a considerable amount of marine growth. The rope under tension, is suspended 5.9 inches (15 centimeters) above the seabed at the crossing point and believed to be held in place by weights on either side of the cable route.
KP 21.550 to KP 41.550	No debris, obstacles, or cable exposures. The seabed is predominantly sand while the water depth increased up to 570.8 feet (174 meters) at the plough up position (KP 30.592).
KP 41.550 to KP 49.50	A trawl scar is noted at KP 43.788. From KP 49.50 firmer seabed conditions and some rocks noted.
KP 49.50 to KP 61.550	Some rocks.

Kilometer Point (KP) Range	Predominant Seafloor Conditions and Debris Observed
KP 61.550 to KP 68.250	Soft sandy layer covering a firmer layer below.

Notes: KP = Kilometer Point. The extent of the burial verification survey for JUS S9 Manchester was from 38° 59.078'N, 123° 42.964'W to 38° 51.385'N, 124° 05.823'W. The extent of the burial verification survey for JUS S8 was from 38° 59.322'N, 123° 43.263'W to 39° 14.612'N, 124° 21.606'W.

Source: Global Marine Systems, 2015a, 2015b, 2015c), provided in the Environmental Analysis prepared by Padre Associates, Inc (Padre Associates, Inc. 2024).

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