Appendix 2:

Device Plans and Scaled Drawings
## Parts List

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>QTY</th>
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<tbody>
<tr>
<td>Tower Assembly</td>
<td>DR-SG-AS-010-0551</td>
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<tr>
<td>Pile Foundation</td>
<td>DR-SG-AS-210-0557</td>
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<td>Crossbeam Assembly</td>
<td>DR-SG-GA-030-0220</td>
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<td>Top Side Structure</td>
<td>DR-SG-AS-010-0068</td>
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<tr>
<td>Lift Mechanism</td>
<td>DR-SG-AS-020-0065</td>
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<td>Tea Strainer Assembly</td>
<td>DR-SG-AS-010-0289</td>
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<td>J-Tube Layout</td>
<td>DR-SG-SC-170-0668</td>
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<td>Tower Ladder Fall Arrest</td>
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<td>Smoke Detection Circuit</td>
<td>DR-SG-SC-190-0242</td>
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<td>Lighting Circuit</td>
<td>DR-SG-SC-190-0249</td>
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<td>Seagen Equipment - Potential Bonding</td>
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<td>11kV Cables</td>
<td>DR-SG-GA-000-0321</td>
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<td>Electrical Power System Connection</td>
<td>DR-SG-SC-000-0312</td>
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<td>Generator Power Cables</td>
<td>DR-SG-DD-100-0379</td>
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<tr>
<td>Generator Subsea Power Cables</td>
<td>DR-SG-SC-100-0417</td>
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<td>Subsea Control Cables</td>
<td>DR-SG-AS-110-0407</td>
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<td>Subsea Environmental Cables</td>
<td>DR-SG-AS-140-0419</td>
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<td>Subsea Corrosion Protection Cables</td>
<td>DR-SG-AS-110-0420</td>
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<tr>
<td>Turbine Pneumatic</td>
<td>DR-SG-SC-130-0185</td>
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<tr>
<td>Brake Hoses</td>
<td>DR-SG-SC-120-0381</td>
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<td>Oil Seal Hoses</td>
<td>DR-SG-SC-120-0382</td>
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<td>Special Tools</td>
<td>DR-SG-PL-000-0470</td>
<td>122</td>
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<tr>
<td>Survival &amp; Rescue Equipment</td>
<td>DR-SG-PL-000-0471</td>
<td>123</td>
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</tbody>
</table>

## Nominal Position

### Chart Datum

- LAT: 7,4 m
- MSL: 13,1 m
- HAT: 0,1 m
- TOWER FLANGE: 2,1 m
- POWERTRAIN HEIGHT IN RAISED POSITION: 8,0 m
- PLATFORM DECK: 3,5 m
- PARAPET: 3,0 m
- LIGHTNING CONDUCTOR: 1,5 m
- LIFT LEG HEIGHT IN RAISED POSITION: 14,0 m
- SEABED: -23,9 m
- NOMINAL PIN PILE DEPTH: 43,0 m
- POWERTRAIN OPERATING HEIGHT: 26,6 m
- PLATFORM DECK PARAPET: 31,0 m

### Survey

- LAT: 6,4 m
- HAT: 5,9 m
- PLATFORM DECK: 9,6 m
- PARAPET: 13,1 m
- LIGHTNING CONDUCTOR: 17,0 m
- LIFT LEG HEIGHT IN RAISED POSITION: 20,0 m
- SEABED: -11,0 m
- NOMINAL PIN PILE DEPTH: 27,0 m
- POWERTRAIN OPERATING HEIGHT: 11,0 m
- PLATFORM DECK PARAPET: 17,0 m
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- CONCENTRICITY: 0.01 T.I.R.
- FILLET & BREAK SHARP EDGES 0.10 TO 0.25

MACHINING TOLERANCES

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- SURFACE FINISH: 1.6 µm
- FLATNESS: 0.01 T.I.R.
- CONCENTRICITY: 0.01 T.I.R.
- FILLET & BREAK SHARP EDGES 0.10 TO 0.25

STANDARD TOLERANCES

UNLESS OTHERWISE SPECIFIED
- X.X: 0.01 mm
- X.XX: 0.05 mm
- X.XXX: 0.10 mm
- ANGLES: ±°

MILLIMETERS

CONFIDENTIALITY LEGEND

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### General Description

- **Mass in air:**
  - Seabed structure: 280 mt
  - Material: Steel
  - Total with ballast: 1740 mt

- **Area:**
  - Seabed footprint: 994 m²

- **Anchoring:**
  - Penetration skirts: 0.5 m

- **Installation method:** ballasting
  - Deviation from berth center: ± 1 m
  - Orientation to flow direction: ± 5°

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**Bill of Materials**

<table>
<thead>
<tr>
<th>QTY</th>
<th>ITEM</th>
<th>PART NAME</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>PONTOON_CONNECTING_FRAMES</td>
<td>PART, PONTOON_CONNECTING_FRAMES 1</td>
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<td>SEABED_STRUCTURE_SOLID_PORT</td>
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<td>SEABED_STRUCTURE_SOLID_STBD</td>
<td>PART, SEABED_STRUCTURE_SOLID_STBD 1</td>
</tr>
</tbody>
</table>

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**Cleaning Current Power Systems Inc.**

Renewable Energy from the Tides

Scales: 1:250

Est. Wt: 280 mt