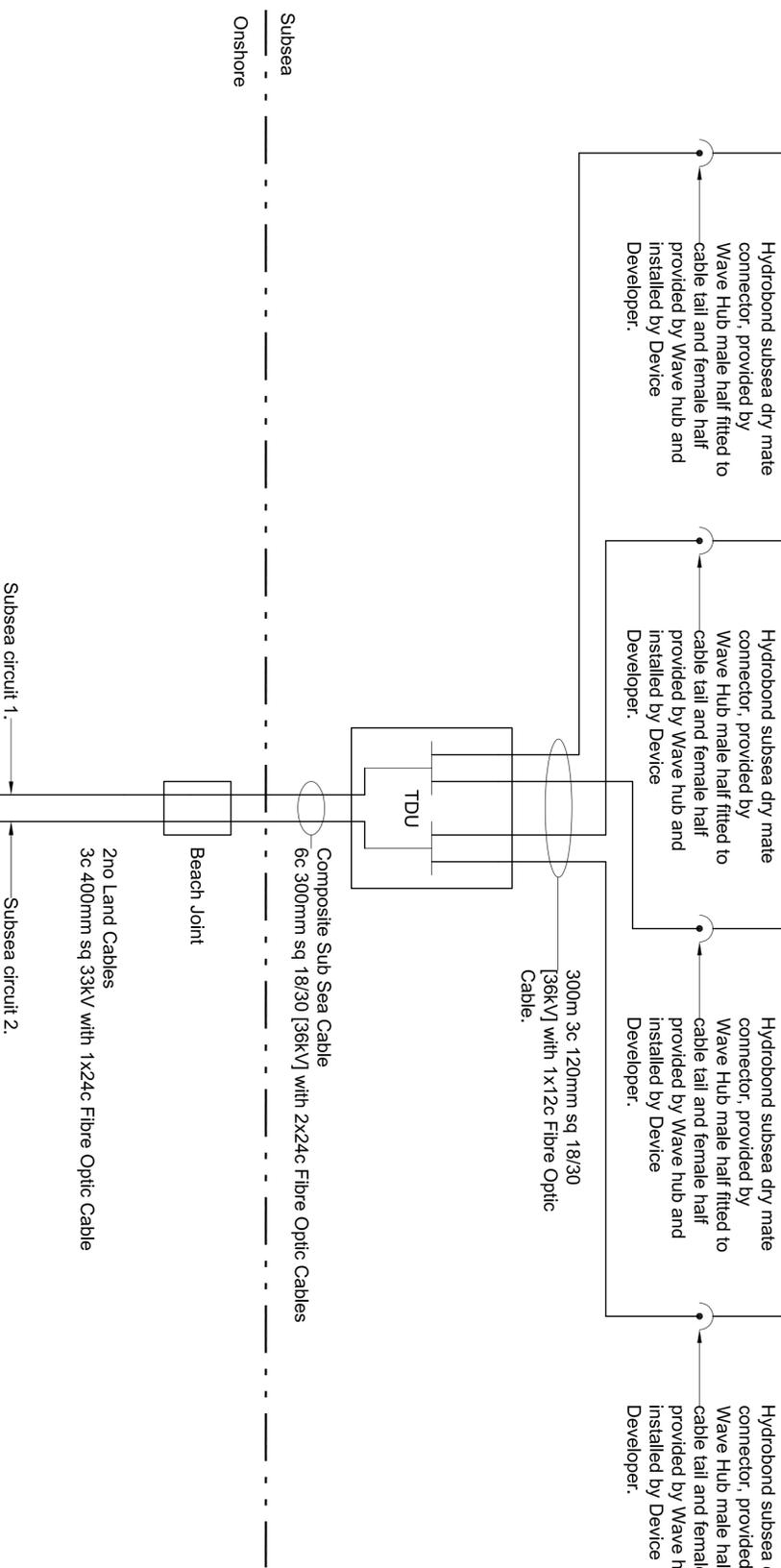
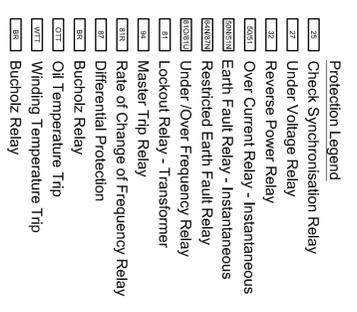
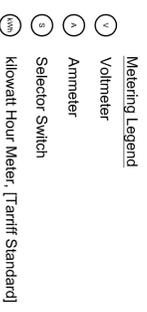


- NOTES:
1. Subsea and offshore earthing to be defined by Device Developer.
 2. Interlocking to be provided with the Wave Hub System so as to provide permissive close signal and emergency open signal from Wave Hub SCADA system.
 3. Protection system to provide G59 compliance - see Device Connection Specification.
 4. For details of the protection scheme provided at the onshore substation see Drawing Number HV/SCM/E/002.
 5. For details of metering requirements see Device Developer's Connection Specification and Drawing Number HV/SCM/E/004
 6. For details of the subsea cable arrangement and cable identification see Drawing Number HV/SCM/E/005.
 7. The Hydrobond dry mate connectors shall note that the Hydrobond dry mate connectors indicated are rated at 12kV, therefore should a 33kV device be installed these connectors will have to be replaced by connectors rated equivalent to the maximum rating of the subsea cable, i.e. 36kV. These connectors shall be provided and installed by the Device Developer as part of their installation. It shall also be noted that in this event the connectors on the paired circuit will also have to be replaced.



| | | | |
|--|--------------------------------|-------------|--------------|
| Revision | | Date | |
| P2 | Notes amended. | | |
| P1 | Preliminary Issue for Approval | | |
| No | Date | Description | By |
| Revisions | | | |
| Project | | | |
| Wave Hub Standard Reference Drawing | | | |
| System | | | |
| HV System | | | |
| Hayle Fowans Substation | | | |
| Title | | | |
| High Voltage System, Offshore Single Line Diagram. | | | |
| Scale | NTS | Date | October 2014 |
| Operation | Electrical | Designed | Drawn |
| | | RMC | RMC |
| | | RMC | RMC |
| | | | |
| | | | |
| Wave Hub Limited John Harvey House Hayle Cornwall TR27 7JF Tel: 01752 802000 Fax: 01752 448877 e-mail: enquiries@wavehub.co.uk www.wavehub.co.uk | | | |
| ONS Ref | WAVE HUB-HV-SCM | Doc No | E003 |
| | | Rev No | P2 |