

BDUK Subsea Cable Access

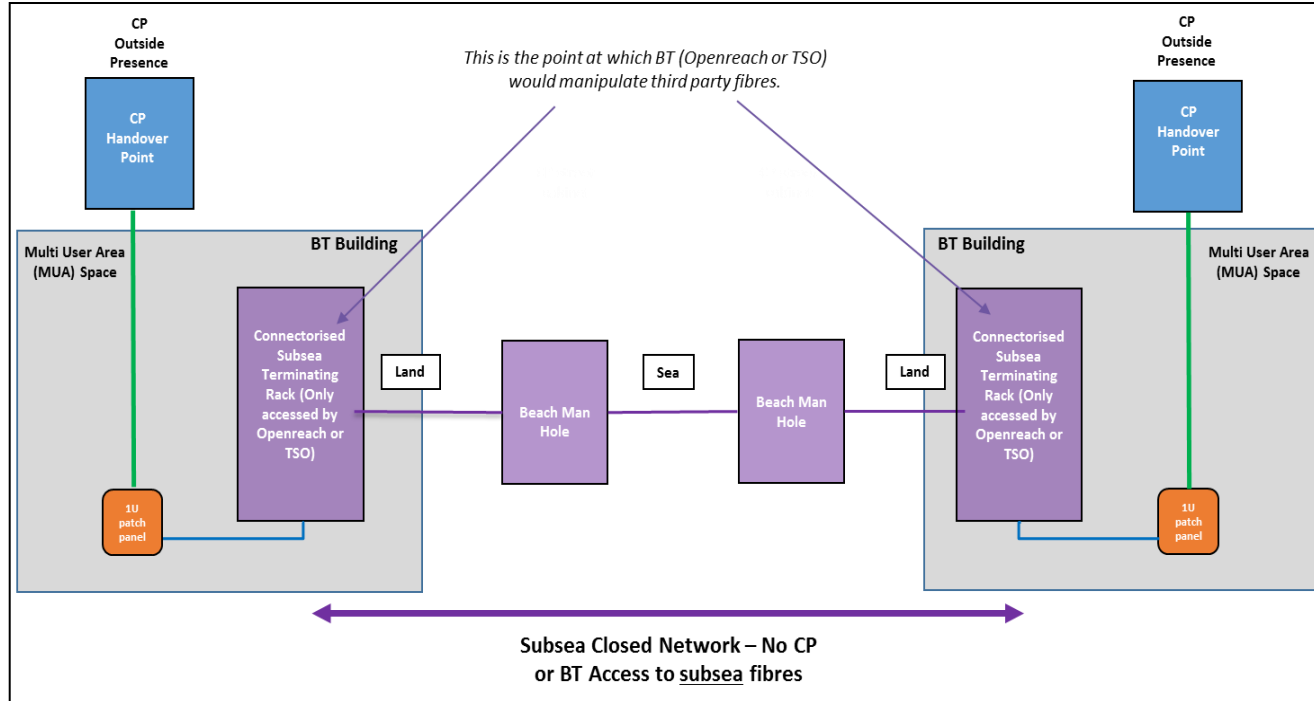
Information overview



- Communication Providers (CPs) will be provided access to subsea infrastructure where public funding has been taken on 20 links in the Highlands and Islands.
- CPs will be required to confirm usage for the primary purposes of providing a competing NGA network.
- The CP can interface with Openreach at a CP handover point near the Openreach exchange.
- Subsea access is available as single fibre or fibre pair.

BDUK subsea cable access specification

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The product will be built in 3 elements (please refer to diagram 1 on the left)

1. Subsea element (purple)
2. Internal tie cable and patch panel element (blue to orange)
3. External cable element (green)

Openreach will provide a link from the subsea rack to a 1U patch panel located elsewhere in the exchange

An external cable will be provided from the 1U patch panel to the CP handover point within 100m of the exchange

We will provide the CP with full test results between the two patch panels (end to end)

All equipment connected to the service must incorporate sufficient safety features to ensure that lasers cannot operate at optical powers greater than Class 1M even under fault conditions and are safe for live working. We will expect our customers to confirm their adherence to this requirement as part of the establishment process to consume the product.

1. The CP should contact Openreach to register their interest in the BDUK subsea cable access product and should also state the purpose for their enquiry i.e. the user scenario.
2. Openreach will provide information indicating the locations in scope by providing a map.
3. The CP may also request a list of postcode locations of the links.
4. Openreach will provide a list to the CP.
5. The CP may then confirm if they intend to place an order for the subsea links after reading the terms of access published on the Openreach portal.
6. Openreach will calculate pricing against the specified CP requirements and return it to the CP along with relevant standard business terms in the form of an offer letter.
7. If the CP accepts the offer and signs, the request will be processed as an order to fulfil the individual CP requirements at the agreed pricing subject to successful customer establishment. More information on the customer establishment process can be found on slide 6.

1. The CP accepts offer letter from Openreach.
2. Openreach will validate and confirm agreement to fulfil offer.
3. Estimated delivery dates will be provided in the offer letter. (This will usually not exceed 90 working days from point of offer acceptance for each fibre connection. This is subject to survey, the complexity of the requirement and provision of CP equipment where this is required).
4. CP handover points and Openreach links will be built in and near to the exchange.
5. Openreach will confirm delivery completion and provide optical performance data in accordance with the technical specification.

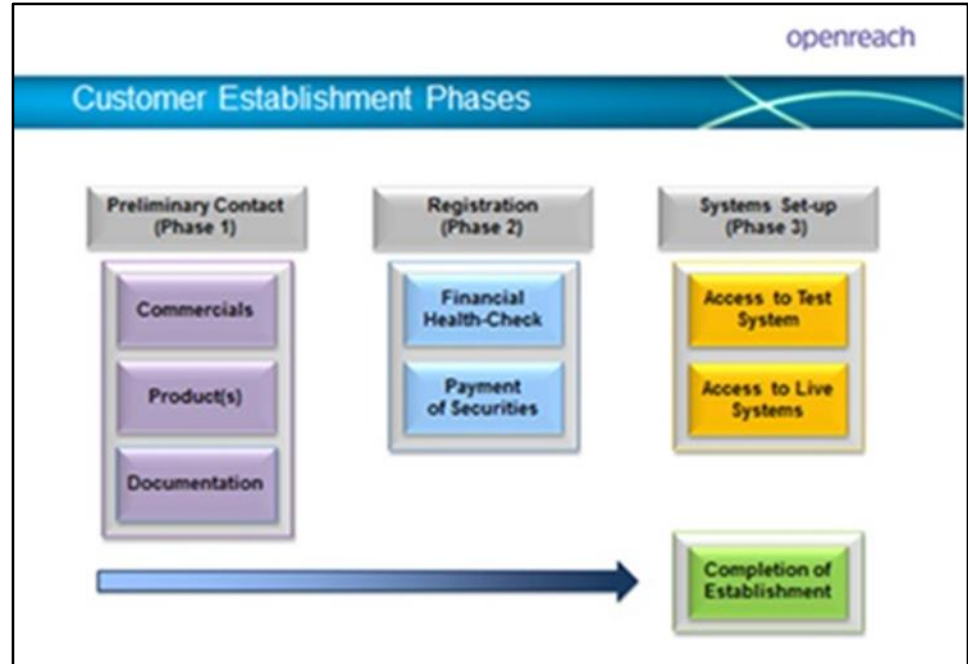
Establishing with Openreach to purchase BDUK subsea cable access

The Customer Establishment process consists of 3 stages, Preliminary, Registration and Systems set-up. The level of complexity of progressing through the stages will be determined by whether you are a new or existing customer and your chosen method of connectivity.

New customers to Openreach will be asked to demonstrate that you meet the Ofcom requirement for a Public Electronic Communications Network/Service (PECN/S). To connect to our systems, you will need to meet certain computer configuration requirements and be required to provide a high level description of your business model and product requirements. This will consist of generic information of how your requirements will impact on Openreach – for example forecast information.

We will provide you with support to manage:

- Mandatory documentation
- Financial health-check and deposit/s
- Contractual obligations
- Establishment process and key milestones
- System connectivity
- Solution development
- Testing (CVF)
- Order journey management



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