

## External Information Points (EIP)

This is the 45 day External Information Point (EIP5) which provides the EIP dates, and describes any known intended scope which Openreach has scheduled to be delivered as part of EMP R3550, due for delivery on 16 September 2017.

As with previous releases, the deployment of any functionality shown below is dependent on successful completion of our testing activities. Openreach continues to review candidates for Release R3550 and will be further communicating scope in EIP7 communications.

If you have any queries regarding product plans or progression of developments then you can refer to the Product Industry Forums. The Industry Forum details and collateral are in the secure area so you will need an Openreach portal account to access these. You can request access [here](#). Once you have successfully logged in, the Industry Forums can be found [here](#).

For any queries relating to IT customer engagement including business to business interfaces or Openreach portal versions relating to Openreach products and services, please refer to your IT customer engagement manager.

Openreach holds Technical Change Forums on a regular basis. Dates and contact details for both these and the Product Industry Forums can be found on the Industry Forum calendar [here](#) by clicking on the appropriate forum.

If you need contact details for IT customer engagement then please contact your Sales & Relationship Manager.

R3550 will contain changes to the following product areas:

- NGA
- Ethernet
- Dark Fibre Access
- Copper
- Ducts and Pole Access

Details of the changes for each product are as follows (shown in red text):

## NGA

Reference ID	Products	Change description
OR-39548 / ORCE-114914	SOGEA	<p>Same Day SOGEA Provision where NO engineering visit is required.</p> <p>Enables same day migrations to SOGEA when there is no change of CP and where no engineering activity is required.</p>
OR-37526 / ORCE-109551	SOGEA WLR3 PSTN MPF	<p>WLR/MPF WLTO Changes where SOGEA is the losing service.</p> <p>Enables the Working Line Takeover (WLTO) of a SOGEA service when migrating to WLR3 or MPF.</p>
OR-37495 / ORCE-109479	SOGEA	<p>SOGEA Day 1: Providing functionality to allow CPs trigger number port pre KCI-3 and engineer to prove voice service as part of MI - {Strategic Solution}</p> <p>Provides the strategic solution to the 'Prove IP Voice' capability introduced in R3450.</p>
OR-32543 / ORCE-92301	GEA-FTTC(G.fast) SOGEA(G.fast)	<p>G.fast: Brandenburg phase 2 - Detect HR, Shunt, Interference, REIN, Power Line Technology Interference (PLTI), and remaining copper impairments (PPI)</p> <p><del>Decoped from R3550 due to late design. Moved to future release.</del></p> <p>Kept in R3550 however the PLTI parameter will not be added to Portal screens in R3550. Portal updates targeted to R3600 under ORCE-122416.</p>
OR-41163 / ORCE-113445	SOGEA	<p>Create a solution to support Harmonised Repair trouble reports in SOGEA T2R</p> <p>Introduces a Harmonised repair solution for SOGEA Assurance.</p> <p>Targeted to R3650.</p>

Reference ID	Products	Change description
OR-38784 / ORCE-113456	SOGEA	Create a Point of Sale solution to support Harmonised Repair orders in SOGEA L2C.  Enables a Harmonised Repair to be ordered at the Point of Sale for SOGEA services.  Targeted to R3650.
OR-38746 / ORCE-113434	GEA-FTTP	Create a Point of Sale solution to support Harmonised Repair orders in GEA-FTTP L2C Enables a Harmonised Repair to be ordered at the Point of Sale for GEA-FTTP services.  Targeted to R3600.
OR-41165 / ORCE-113435	GEA-FTTP	Create a solution to support Harmonised Repair trouble reports in GEA-FTTP T2R  Introduces a Harmonised repair solution for GEA FTTP Assurance.  Targeted to R3600.
OR-38369	GEA-FTTP	Replacement of End of Sale GPON ONT
OR-37994	GEA-FTTP	GEA-FTTP Fulfilment Pre-Order: Ability to place an order against the network plan
OR-38766	GEA-FTTP	Single Installation Visit
OR-38830	GEA-FTTP	CP migrations & home movers  Removed as duplicate entry
OR-40208	GEA-FTTP	KCI2 Assure  Removed. This is an Openreach internal story to automate internal task allocation for 2 stage installs; there is no impact on CP systems or messages. Ref changed from OR-37992
OR-36193 / ORCE-105292	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL)	G.fast: Change FTTC business rules to prepare the way for technology change orders - part 2c - Visit EU on any MI/ BI - Manage unhappy paths in appointed migrations  Build Only in R3550. Deployment targeted to R3600 under OR-

Reference ID	Products	Change description
	SOGEA(G.fast)	41918 / ORCE-123132
OR-39520	GEA-FTTP	Introduce QBC for GEA-FTTP  Deferred from R3500  Build only in R3550, deployment targeted to R3600
OR-41340 / ORCE-120877	SOGEA	Introduce QBC for SOGEA  Deployment of R3450 design OR-35864 / ORCE-104080 (R3500 Build only: OR-40110 / ORCE-116680).
OR-35502 / ORCE-102001	Copper and fibre products	CP Weekly Report for TRC Event Charges  Deferred from R3500
OR-38055 / ORCE-111282	SOGEA	Provide SOGEA on Unserved Premises – Part 1  Deployment of design OR-29650 / ORCE-101348 from R3400
OR-37572 / ORCE-109700	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast) GEA-FTTP FVA  Indirect impacts on all products using the Appointing Dialogue Service  • New schema  • Portal changes to remove fields	Two customer install options: Standard and Premium (plus removal of MI modules)  Deferred from R3500
OR-38830/ ORCE-113471	GEA-FTTP	FTTP NoT driven CP Migrations solution

Reference ID	Products	Change description
		Added at EIP3
OR-41875 / ORCE-123065	GEA-FTTC(VDSL) SOGEA(VDSL)	SOGEA/FTTC: Minimum Term Contract duration changes on SOGEA/FTTC VDSL Technology  Commercial and Billing change.

## Ethernet

Reference ID	Products	Change description
OR-39327	EAD	Routemaps (Part 2) build and test only
OR-40021	EAD	Changes to the Escalation Case Management Process  Moved to R3800
OR-34777	EAD	Strategic Ethernet Customer Interaction – Case Management (Self Serve) Portal Only  Interactive capability for the customer to communicate with Openreach electronically on a given order in a structured, contextual and auditable way. OR will deliver the functionality in R3500 switched off and switch it on in R3550  Removed from R3550 as covered in R3500
OR-36294	EAD	Strategic Ethernet Customer Interaction - Case management (Self-Serve) B2B only story for develop, test and deploy. Interactive capability for the customer to communicate with Openreach electronically on a given order in a structured, contextual and auditable way. Added at EIP 3 as appropriate for DFA  Moved to R3600
OR-39870	EAD	MPA Improvements  Correction of incorrect Response Code sent when Openreach is unable to determine the grid references for the Address Key entered. Added at EIP 3  Moved to R3500+ for early deployment

## Dark Fibre Access

Reference ID	Products	Change description
OR-36559	DFA	Enables Openreach to perform the novation, name change or transfer of service between respective parties.
OR-39327	DFA	Routemaps (Part 2) – build and test only.
OR-40021	DFA	Changes to the Escalation Case Management Process  Moved to R3800
OR-39776	DFA	Successional Order Process for DFA  Added at EIP 3
OR-39870	DFA	MPA Improvements  Correction of incorrect Response Code sent when Openreach is unable to determine the grid references for the Address Key entered. Added at EIP 3  Moved to 3500+ for early deployment
OR-36294	DFA	Strategic Ethernet Customer Interaction - Interactivity (Self Serve) B2B only story for develop, test and deploy. Interactive capability for the customer to communicate with Openreach electronically on a given order in a structured, contextual and auditable way. Added at EIP 3 as appropriate for DFA  Moved to R3600
OR-41578	DFA	DFA Fibre products - Early handover  Allows Openreach to offer the CP the option to accept a circuit earlier than the customer required date (CRD) once Openreach have completed all build work with billing to commence with that agreement.  Story moved from R3500. Original demand OR-35874.

## Copper

Reference ID	Products	Change description
OR-37526 / ORCE-109551	SOGEA WLR3 PSTN MPF	WLR/MPF WLTO Changes where SOGEA is the losing service.  Enables the Working Line Takeover (WLTO) of a SOGEA service when migrating to WLR3 or MPF.
OR-39340 / ORCE-114262	SOGEA WLR3 PSTN	SOGEA Day 1: Exposing the Calling Network Features on WLR - Design & Build  Enables the Calling and Network features on a losing WLR3 PSTN service to be exposed so that the same features may be enabled by a CP on an IP voice service over a new SOGEA service.  Removed from SOGEA Roadmap
OR-38606 / ORCE-112932	WLR3 PSTN/LLU	Design changes for Harmonised Repair, applies to LLU MPF, LLU SMPF and WLR3 PSTN Single Line in L2C to support Point of Sale commercial solution  Deferred to R3700
OR-38606 / ORCE-117289	WLR3 PSTN/LLU	Design changes for Harmonised Repair, applies to LLU MPF, LLU SMPF and WLR3 PSTN Single Line to support T2R line optimisation commercial solution  Deferred to R3700
OR-35502 / ORCE-102001	Copper and fibre products	CP Weekly Report for TRC Event Charges  Deferred from R3500
OR-41134	WLR3 PSTN/LLU MPF	Change to pricing for orders Visit Saved (not Newsites), the correct order type will be messaged in KCI3



## Ducts and Poles Access

Reference ID	Products	Change description
OR – 35637	Duct and Pole Access - Building a Strategic Workflow	<p>Implement a strategic workflow to improve the PIA L2C order Journey. To include;</p> <ul style="list-style-type: none"> <li>• Automatically validate CP input at the reserve and complete stage</li> <li>• Auto generated reference number sent to CP</li> <li>• Auto notify CP's when reserved routes are reaching an expiry date</li> <li>• Auto generate KCI's back to the CP at all key stages in the workflow</li> </ul> <p>Phase 1 delivery covering the Reservation and Build completion process</p>

In line with the External Information Points (EIP) process for EMP releases, we can confirm that the additional documentation to support Release R3300 has been published. Documentation only change subject to each release requirement and can be found on the Openreach web site at the following addresses:

**NGA** (<http://www.openreach.co.uk/sffa>)

- [XML code & documentation](#)
- [GEA-FTTC/P functional upgrade specification](#)
- [FVA XML and baseline specification](#)
- [List of values \(GEA-FTTC, GEA- FTTP and FVA\)](#)

**Ethernet Services** ([www.openreach.co.uk/ethernet-services](http://www.openreach.co.uk/ethernet-services))

These provide design specifications for the functions that are required to be developed by users of the Openreach gateway. These files are intended for CP technical teams responsible for designing and building the B2B interface into the Openreach gateway. The Ethernet B2B baselines and functional specs can be found under:

[Ethernet Access Direct release information](#)

[Ethernet Backhaul Direct release information](#)

[Openreach Network Backhaul Services release information](#)

**LLU** ([www.openreach.co.uk/llu](http://www.openreach.co.uk/llu))

On the pages below you will find the updated EMP xml specifications, functional changes and web services user guides. Information specific to Dialogue services, Orders and Faults can be also be found on the corresponding pages:

- [MPF/SMPF release information](#)

**WLR3 release documentation** ([www.openreach.co.uk/wlr3](http://www.openreach.co.uk/wlr3))

On the pages below you will find the updated EMP xml specifications, functional changes and web services user guides. Information specific to Dialogue services, Orders and Faults can be also be found on the corresponding pages.

- [WLR3 PSTN release documentation](#)
- [WLR3 ISDN2 release documentation](#)
- [WLR3 ISDN30 release documentation](#)

**Cross products**[EMP response code list](#)

As the development process progresses Openreach reserve the right to amend the scope of the release and the supporting documentation as this may be refined and reduced. Openreach accepts no liability for planning undertaken by CPs based on this documentation.

CPs will also be advised via formal planned outage notifications of the planned downtime as the new services are being implemented on EMP.

For further information please contact your Sales & Relationship Manager.

Please do not forward, republish or permit unauthorised access. The content is accurate at the time of writing and is subject to change.

## Change Control –

**Detailed below is the published list from EIP 3 Comms for audit/tracking purposes:**

### NGA

Reference ID	Products	Change description
OR-39548 / ORCE-114914	SOGEA	Same Day SOGEA Provision where NO engineering visit is required.  Enables same day migrations to SOGEA when there is no change of CP and where no engineering activity is required.
OR-37526 / ORCE-109551	SOGEA WLR3 PSTN MPF	WLR/MPF WLTO Changes where SOGEA is the losing service.  Enables the Working Line Takeover (WLTO) of a SOGEA service when migrating to WLR3 or MPF.
OR-37495 / ORCE-109479	SOGEA	SOGEA Day 1: Providing functionality to allow CPs trigger number port pre KCI-3 and engineer to prove voice service as part of MI - {Strategic Solution}  Provides the strategic solution to the 'Prove IP Voice' capability introduced in R3450.
OR-32543 / ORCE-92301	GEA-FTTC(G.fast) SOGEA(G.fast)	G.fast: Brandenburg phase 2 - Detect HR, Shunt, Interference, REIN, Power Line Technology Interference (PLTI), and remaining copper impairments (PPI)  <b>Descoped from R3550 due to late design. Moved to future release.</b>
OR-41163 / ORCE-113445	SOGEA	Create a solution to support Harmonised Repair trouble reports in SOGEA T2R  Introduces a Harmonised repair solution for SOGEA Assurance.  <b>Targeted to R3600.</b>
OR-38784 / ORCE-113456	SOGEA	Create a Point of Sale solution to support Harmonised Repair orders in SOGEA L2C.

Reference ID	Products	Change description
		Enables a Harmonised Repair to be ordered at the Point of Sale for SOGEA services.  <b>Targeted to R3600.</b>
OR-38746 / ORCE-113434	GEA-FTTP	Create a Point of Sale solution to support Harmonised Repair orders in GEA-FTTP L2C Enables a Harmonised Repair to be ordered at the Point of Sale for GEA-FTTP services.  <b>Targeted to R3600.</b>
OR-41165 / ORCE-113435	GEA - FTTP	Create a solution to support Harmonised Repair trouble reports in GEA-FTTP T2R  Introduces a Harmonised repair solution for GEA FTTP Assurance.  <b>Targeted to R3600.</b>
OR-38369	GEA-FTTP	Replacement of End of Sale GPON ONT
OR-37994	GEA-FTTP	GEA-FTTP Fulfilment Pre-Order: Ability to place an order against the network plan
OR-38766	GEA-FTTP	Single Installation Visit
OR-38830	GEA-FTTP	CP migrations & home movers
<b>OR-40208</b>	<b>GEA-FTTP</b>	<b>KCI2 Assure</b>  <b>Removed. This is an Openreach internal story to automate internal task allocation for 2 stage installs; there is no impact on CP systems or messages. Ref changed from OR-37992</b>
OR-36193 / ORCE-105292	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	G.fast: Change FTTC business rules to prepare the way for technology change orders - part 2c - Visit EU on any MI/ BI - Manage unhappy paths in appointed migrations
<b>OR-39520</b>	<b>GEA-FTTP</b>	<b>Introduce QBC for GEA-FTTP</b>

Reference ID	Products	Change description
		Deferred from R3500
OR-41340 / ORCE-120877	SOGEA	Introduce QBC for SOGEA  Deployment of R3450 design OR-35864 / ORCE-104080 (R3500 Build only: OR-40110 / ORCE-116680).
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OR-37572 / ORCE-109700	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast) GEA-FTTP FVA  Indirect impacts on all products using the Appointing Dialogue Service  • New schema  • Portal changes to remove fields	Two customer install options: Standard and Premium (plus removal of MI modules)  Deferred from R3500
OR-38830/ ORCE-113471	GEA-FTTP	FTTP NoT driven CP Migrations solution  Added at EIP3

Ethernet

Reference ID	Products	Change description
OR-39327	EAD	Routemaps (Part 2) build and test only
OR-40021	EAD	Changes to the Escalation Case Management Process  <b>Moved to R3800</b>
OR-34777	EAD	<b>Strategic Ethernet Customer Interaction – Case Management (Self Serve) Portal Only</b>  Interactive capability for the customer to communicate with Openreach electronically on a given order in a structured, contextual and auditable way  <b>OR will deliver the functionality in R3500 switched off and switch it on in R3550</b>
OR-36294	EAD	Strategic Ethernet Customer Interaction - Case management (Self-Serve) B2B only story for develop, test and deploy. Interactive capability for the customer to communicate with Openreach electronically on a given order in a structured, contextual and auditable way.  Added at EIP 3 as appropriate for DFA
OR-39870	EAD	<b>MPA Improvements</b>  Correction of incorrect Response Code sent when Openreach is unable to determine the grid references for the Address Key entered.  <b>Added at EIP 3</b>

**Dark Fibre Access**

Reference ID	Products	Change description
OR-36559	DFA	Enables Openreach to perform the novation, name change or transfer of service between respective parties.
OR-39327	DFA	Routemaps (Part 2) – build and test only.
OR-40021	DFA	Changes to the Escalation Case Management Process  <b>Moved to R3800</b>
OR-39776	DFA	Successional Order Process for DFA  <b>Added at EIP 3</b>
OR-39870	DFA	MPA Improvements  Correction of incorrect Response Code sent when Openreach is unable to determine the grid references for the Address Key entered.  <b>Added at EIP 3</b>
OR-36294	DFA	Strategic Ethernet Customer Interaction - Interactivity (Self Serve) B2B only story for develop, test and deploy. Interactive capability for the customer to communicate with Openreach electronically on a given order in a structured, contextual and auditable way.  <b>Added at EIP 3 as appropriate for DFA</b>

**Copper**

Reference ID	Products	Change description
OR-37526 / ORCE-109551	SOGEA WLR3 PSTN	WLR/MPF WLTO Changes where SOGEA is the losing service.  Enables the Working Line Takeover (WLTO) of a SOGEA service

Reference ID	Products	Change description
	MPF	when migrating to WLR3 or MPF.
OR-39340 / ORCE-114262	SOGEA WLR3 PSTN	<p><b>SOGEA Day 1: Exposing the Calling Network Features on WLR - Design &amp; Build</b></p> <p>Enables the Calling and Network features on a losing WLR3 PSTN service to be exposed so that the same features may be enabled by a CP on an IP voice service over a new SOGEA service.</p> <p><b>Removed from SOGEA Roadmap</b></p>
OR-38606 / ORCE-112932	WLR3 PSTN/LLU	<p>Design changes for Harmonised Repair, applies to LLU MPF, LLU SMPF and WLR3 PSTN Single Line in L2C to support Point of Sale commercial solution</p> <p><b>Deferred to R3700</b></p>
OR-38606 / ORCE-117289	WLR3 PSTN/LLU	<p>Design changes for Harmonised Repair, applies to LLU MPF, LLU SMPF and WLR3 PSTN Single Line to support T2R line optimisation commercial solution</p> <p><b>Deferred to R3700</b></p>
OR-35502 / ORCE-102001	Copper and fibre products	<p><b>CP Weekly Report for TRC Event Charges</b></p> <p><b>Deferred from R3500</b></p>



Ducts and Poles Access

Reference ID	Products	Change description
OR – 35637	Duct and Pole Access - Building a Strategic Workflow	<p>Implement a strategic workflow to improve the PIA L2C order Journey. To include;</p> <ul style="list-style-type: none"> <li>• Automatically validate CP input at the reserve and complete stage</li> <li>• Auto generated reference number sent to CP</li> <li>• Auto notify CP's when reserved routes are reaching an expiry date</li> <li>• Auto generate KCI's back to the CP at all key stages in the workflow</li> </ul> <p>Phase 1 delivery covering the Reservation and Build completion process</p>

CPs will also be advised via formal planned outage notifications of the planned downtime as the new services are being implemented on EMP.

As the development process progresses Openreach reserves the right to amend the scope and dates of the release. Openreach accepts no liability for planning undertaken by CPs based on this indicative list.

Terminology	Definitions
Feasibility only	To establish the viability and practicality of the demand
Investigation only	To explore the demand to identify different options available to provide a solution
Funding only	The demand is seeking funding only, and no other activity will take place during this release
Build only	The demand will be built only during this release
Build and Test	The demand, will be built and tested during this release
Test only	The demand has been built, and will be tested only during this release

Test and deploy	The demand will be deployed upon successful testing during this release
E2E Delivery	The demand will be built, and deployed upon successful testing during this release
Deployed (switched off)	The successfully tested demand will be deployed in a “switched off” state during this release, ready to “go live” and consumed by the CP’s at a release TBC.