

## External Information Points (EIP)

This is the 90 day External Information Point (EIP3) which provides the EIP dates, and describes any known intended scope which Openreach has scheduled to be delivered as part of EMP R4200, due for delivery on 16 November 2019.

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 R4200 and will be further communicating scope in EIP5 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.

### **Items marked in red, to advise of updates/additions from the previous EIP publication**

R4200 will contain changes to the following product areas:

- NGA
- Ethernet
- Copper
- Ducts and Poles Access

Details of the changes for each product are as follows:

#### **NGA**

Reference ID	Products	Change description
OR-53852 / ORCE-158699	GEA-FTTP	Rollback for GEA-FTTP Fulfilment Orders  To enable the rollback of inflight orders to reduce cancellations.  News item – no CP consumption required.
OR-46336 / ORCE-136581	FVA GEA-FTTP	System changes to support the withdrawal of FVA.  This will stop new FVA provide orders being placed and will also stop GEA-FTTP SIM Provide orders.
OR-53219 / ORCE-156940	SOGEA(VDSL) SOGEA(Gfast)	SOGEA: Addition of an Uninterruptable Power Supply (UPS) Site Visit Reason
OR-53137 / ORCE-156748	GEA-FTTP	Introduction of a 1+0 ONT  Introduction of a single data port ONT.  News item – no CP consumption required.
OR-52091 / ORCE-154260	GEA-FTTP FVA	GEA-FTTP FVA - Support withdrawal of Battery Backup Unit  Moved into R4200 from R4150.
OR-51007 / ORCE-151408	GEA-FTTP	Support Amend of SiteVisitReason on GEA-FTTP  Moved into R4200 from R4150.  <b>Design only in R4200.</b>
OR-50478 / ORCE-149850	GEA-FTTC(VDSL) SOGEA(VDSL)	DAY 2 Test - SOGEA/GEA-FTTC (VDSL) Minimum Speed Standard  Moved into R4200 from R4150.  <b>Design only in R4200.</b>
OR-46340 / ORCE-136582	GEA-FTTP	GEA-FTTP: Enabling capability for Saturday and Sunday to be available for GEA-FTTP provision in tariff (subject to commercial launch)  Moved into R4200 from R4150.

Reference ID	Products	Change description
OR-50992 / ORCE-151304	SOGEA(VDSL) SOGEA(Gfast)	SOGEA: Operational tuning - Siebel/ eMLC Good news story, no direct CP impact. Moved into R4200 from R4150
<del>OR-51944 / ORCE-153807</del>	<del>GEA-FTTC(VDSL) GEA-FTTC(Gfast) WLR3-PSTN LLU-MPF</del>	<del>Remove eMLC validation on Post Code in FTTC SIM2 provide orders (R4050 reference: OR-50113 / ORCE-148666) Moved into R4200 from R4150 Moved to a future release.</del>
OR-52990 / ORCE-156136	GEA-FTTP GEA-FTTC(Gfast) SOGEA(Gfast)	Share Ultrafast reports with CPs through SDEDS
<del>OR-53579 / ORCE-157786</del>	<del>All copper and NGA products</del>	<del>Change from sending 'Service Event Notifications' to 'Reportable Incident Notifications 2' for all type of notifications like MSO, PEW, IE etc. This story completes the design initially undertaken in R4050 under OR-47936 / ORCE-141692. It adds additional functionality and deploys the full solution. Moved to a future release.</del>
OR-50824 / ORCE-156555	All copper and NGA products	Ability to configure the results of a Copper or NGA test by CP preference and supporting infrastructure.  <b>Design only in R4200.</b>
OR-52215 / ORCE-154670	SOGEA(VDSL) SOGEA(Gfast)	SOGEA (VDSL/Gfast): Provision of Service Level Data (SLD)  News item only.
OR-49348 / ORCE-146205	SOGEA(VDSL) SOGEA(Gfast)	SOGEA: Part 6 of 6 Unhappy Path and catch all for order learning  Deployment of further aspects of the OR-37910 / ORCE-110930

Reference ID	Products	Change description
		design.
<del>OR-53877 / ORCE-158820</del>	<del>SOGEA(VDSL) SOGEA(Gfast)</del>	<del>SOGEA: Support for SOGEA in the Urgent Service Restoration (USR) Process</del>  Ongoing internal design only – No CP impact in R4200.
OR-54008 / ORCE-159246	GEA-FTTC(VDSL) GEA-FTTC(Gfast) SOGEA(VDSL) SOGEA(Gfast) GEA-FTTP FVA	Provide CPs with secure solution to share asset data and provide monthly report  Deployment of the R4150 design OR-49647 / ORCE-146977
OR-46504 / ORCE-137178	PSTN, LLU, GEA-FTTC, GEA-FTTP, FVA and SOGEA	Openreach Live Network Incident Map
<del>OR-44788 / ORCE-131958, ORCE-131950</del>	<del>WLR3 PSTN LLU MPF &amp; SMPF GEA FTTC (VDSL &amp; Gfast) SOGEA (VDSL &amp; Gfast)</del>	<del>COMPLEX REPAIR – IMPROVED BUSINESS PROCESS FOR LLU, WLR3 AND NGA T2R WHEN MANAGING SECOND STAGE REPAIR TROUBLE REPORTS AND CANCELLATION REQUESTS.</del>  <del>NOTE: <b>THIS STORY WILL BE DELIVERED IN "SWITCH ON" MODE.</b></del>
<del>OR-50655 / ORCE-150426</del>	<del>GEA-FTTC(VDSL) GEA-FTTC(G.fast) WLR3 PSTN LLU MPF LLU SMPF</del>	<del>L2C: OR Siebel to build new logic to reject duplicate SIM2 orders raised by CP with same LORN and Post code.</del>  <del>Moved into R4200 from R4150</del>  <del><b>Design only in R4200.</b></del>
<del>OR-54085 / ORCE-159511</del>	<del>SOGEA LLU MPF</del>	<del>Ability for CPs to place a Jumper Recovery Order (JRO) on working SOGEA (ex MPF) circuits</del>

Reference ID	Products	Change description
OR-46059 / ORCE-135928	GEA-FTTP	Migration to GEA-FTTP from SOGEA  Moved into R4200 from R4150.

## Ethernet

Reference ID	Products	Change description
OR-51346	EAD	<b>KCI sequencing</b> Fixing an in-life issue where the ReceivedDateTime attribute in B2B KCIs is incorrect and does not reflect the original received date and time of the order.  Moved to R4150.
OR-52342	EAD	<b>Street Access 1Gbt – T2R on EMP</b> Testing, alarm monitoring and fault management for Street Access 1Gbt on EMP.
OR-53749	EBD	<b>Enhanced notes for EBD in KCI1 and KCI2</b> In response to CP feedback enhanced notes will be included in KCI1 and KCI2 where appropriate.
OR-54536	EAD	<b>Equipment Discovery Dialogue Service</b> Deployment of the Equipment Discovery Dialogue Service designed in R4150 under OR-51257.

## Copper

Reference ID	Products	Change description
OR-46351/ORCE-136610	LLU (MPF & SMPF), WLR3 PSTN, NGA (FTTC/FTTP/SOGEA)	<u>Smart Allocation</u> Design only Deferred to future release
OR-48243/ORCE-142539	All product	Introduction of Strategic Transfer of CPIS File Deferred to future release
<del>OR-53579/ ORCE-157786</del>	<del>All copper and NGA products</del>	<del>Change from sending 'Service Event Notifications' to 'Reportable Incident Notifications 2' for all type of notifications like MSO, PEW, IE etc.  This story completes the design initially undertaken in R4050 under OR-47936 / ORCE-141692. It adds additional functionality and deploys the full solution.  <b>Moved to a future release.</b></del>
<del>OR-31172/ ORCE-134230</del>	<del>ISDN30</del>	<del>ISDN30 Fault Orchestration System migration from current legacy to a strategic system</del>
<del>OR-31154/ ORCE-87960</del>	<del>ISDN30</del>	<del>ISDN30 Fault Orchestration System migration from current legacy to a strategic system - <b>Parallel Run</b></del>
<del>OR-54435/ ORCE-160936</del>	<del>ISDN2e</del>	<del>ISDN2e Fault Orchestration System migration from current legacy to a strategic system  Note: This is deployment story for OR-31183/ ORCE-137515 which was "Build only" in R4150.</del>
<del>OR-54452/ ORCE-160985</del>	<del>ISDN2e</del>	<del>ISDN2e Fault Orchestration System migration from current legacy to a strategic system - Parallel Run.</del>

Reference ID	Products	Change description
		Note: This is deployment story for OR-31162/ORCE-87966 which was "Build only" in R4150.
OR-46504 / ORCE-137178	PSTN, LLU, FTTC, FTTP, FVA and SOGEA	Openreach Live Network Incident Map
<del>OR-51944 / ORCE-153807</del>	<del>GEA-FTTC(VDSL) GEA-FTTC(Gfast) WLR3-PSTN LLU-MPF</del>	<del>Remove eMLC validation on Post Code in FTTC-SIM2 provide orders (R4050-reference: OR-50113 / ORCE-148666) Moved into R4200 from R4150 Moved to a future release.</del>
OR-50951/ORCE-151150	LLU MPF	KCI: Communication of mKCI's when encountering Field Delay
OR-51730/ORCE-153120	SOTAP	L2C - SOTAP - Migration of Existing Working Services to SOTAP Part 1 - Order Placement and Progression to KCI2 (build, test & deploy) <b>Corr. Design Only OR-48945</b>
OR-52308/ORCE-154844	SOTAP	L2C SOTAP - Frames Delay on the Day - <b>Design Only</b>
OR-53109/ORCE-156656	SOTAP	SOTAP L2C Number Shift <b>(Design Only)</b>
OR-53395/ORCE-157464	SOTAP	SOTAP L2C Additional Site Visit Reasons - Existing Copper <b>(Design Only)</b>
OR-53871/ORCE-158801	SOTAP	SOTAP - L2C Cancellations Before PONR and Amendments - <b>Design Only</b>

Reference ID	Products	Change description
OR-53395/ORCE-159400	SOTAP	SOTAP L2C Additional Site Visit Reasons - Phase 1 - Existing Copper Network - Engineer Delays <b>(Design Only)</b>
OR-54812/ORCE-161563	SOTAP	L2C SOTAP - Ability to Effectively Bill My Customers (Atlantis) (Test & Deploy)
OR-54814/ORCE-161578	SOTAP	SOTAP - L2C Start of Stopped Part 3 - Progression of Order from KCI2 - KCI3 (Including Amends) (Test Only) Corr Design - OR-48929
OR-50115/ORCE-148668	WLR3 PSTN	L2C- WLR Siebel to add gaining stack Cancellation Reasons which are available in OR Siebel <b>(Design Only)</b>  Moved into R4200 from R4150
OR-53395/ORCE-160493	SOTAP	OR-53395 - SOTAP L2C - Additional Site Visit Reasons - Appointing <b>(Design Only)</b>
OR-44788 / ORCE-131958, ORCE-131950	WLR3 PSTN LLU MPF & SMPF GEA FTTC (VDSL & Gfast) SOGEA (VDSL & Gfast)	COMPLEX REPAIR – IMPROVED BUSINESS PROCESS FOR LLU, WLR3 AND NGA T2R WHEN MANAGING SECOND STAGE REPAIR TROUBLE REPORTS AND CANCELLATION REQUESTS.  <b>NOTE: THIS STORY WILL BE DELIVERED IN "SWITCH ON" MODE.</b>
OR-50655 / ORCE-150426	GEA-FTTC(VDSL) GEA-FTTC(Gfast) WLR3 PSTN LLU MPF LLU SMPF	L2C: OR Siebel to build new logic to reject duplicate SIM2 orders raised by CP with same LORN and Post code.  Moved into R4200 from R4150  <b>Design only in R4200.</b>
OR-54321	WLR3 PSTN LLU MPF LLU SMPF	Fault Point Of No Amend/Return (PONA/R)  Openreach is extending the period that PONA/R applies, to the entirety of the time that Openreach are engineering a solution to the customer issue.  Added at EIP3

OR-54085 / ORCE-159511	SOGEA LLU MPF	Ability for CPs to place a Jumper Recovery Order (JRO) on working SOGEA (ex MPF) circuits
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**Ducts and Poles Access**

Reference ID	Products	Change description

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.

**Changes since EIP2**

NGA

Reference ID	Products	Change description
OR-53852 / ORCE-158699	GEA-FTTP	Rollback for GEA-FTTP Fulfilment Orders  To enable the rollback of inflight orders to reduce cancellations.  News item – no CP consumption required.
OR-46336 / ORCE-136581	FVA GEA-FTTP	System changes to support the withdrawal of FVA.  This will stop new FVA provide orders being placed and will also stop GEA-FTTP SIM Provide orders.
OR-53219 / ORCE-156940	SOGEA(VDSL) SOGEA(Gfast)	SOGEA: Addition of an Uninterruptable Power Supply (UPS) Site Visit Reason
OR-53137 / ORCE-156748	GEA-FTTP	Introduction of a 1+0 ONT  Introduction of a single data port ONT.  News item – no CP consumption required.
OR-49944 / ORCE-147908	All NGA products	<del>Notify Network PEWS in line with other PEWS</del>  To provide consistent notification of Planned Engineering Works (PEWS).  Internal investigation only in R4200.
OR-52091 / ORCE-154260	GEA-FTTP FVA	GEA-FTTP FVA - Support withdrawal of Battery Backup Unit  Moved into R4200 from R4150.
OR-51007 / ORCE-151408	GEA-FTTP	Support Amend of SiteVisitReason on GEA-FTTP  Moved into R4200 from R4150.
OR-50478 / ORCE-149850	GEA-FTTC(VDSL) SOGEA(VDSL)	DAY 2 Test - SOGEA/GEA-FTTC (VDSL) Minimum Speed Standard  Moved into R4200 from R4150.
OR-46340 / ORCE-136582	GEA-FTTP	GEA-FTTP: Make Saturday and Sunday as Normal Working Days

Reference ID	Products	Change description
		Moved into R4200 from R4150.
OR-50992 / ORCE-151304	SOGEA(VDSL) SOGEA(Gfast)	SOGEA: Operational tuning - Siebel/ eMLC Good news story, no direct CP impact. Moved into R4200 from R4150
OR-51944 / ORCE-153807	GEA-FTTC(VDSL) GEA-FTTC(Gfast) WLR3 PSTN LLU MPF	Remove eMLC validation on Post Code in GEA-FTTC SIM2 provide orders (R4050 reference: OR-50113 / ORCE-148666) Moved into R4200 from R4150
OR-52990 / ORCE-156136	GEA-FTTP GEA-FTTC(Gfast) SOGEA(Gfast)	Share Ultrafast reports with CPs through SDEDS
OR-53579 / ORCE-157786	All copper and NGA products	Change from sending 'Service Event Notifications' to 'Reportable Incident Notifications 2' for all type of notifications like MSO, PEW, IE etc. This story completes the design initially undertaken in R4050 under OR-47936 / ORCE-141692. It adds additional functionality and deploys the full solution.
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OR-52215 / ORCE-154670	SOGEA(VDSL) SOGEA(Gfast)	SOGEA (VDSL/Gfast): Provision of Service Level Data (SLD)
OR-49348 / ORCE-146205	SOGEA(VDSL) SOGEA(Gfast)	SOGEA: Part 6 of 6 Unhappy Path and catch all for order learning Deployment of further aspects of the OR-37910 / ORCE-110930 design.

Reference ID	Products	Change description
OR-53877 / ORCE-158820	SOGEA(VDSL) SOGEA(Gfast)	SOGEA: Support for SOGEA in the Urgent Service Restoration (USR) Process
OR-54008 / ORCE-159246	GEA-FTTC(VDSL) GEA-FTTC(Gfast)  SOGEA(VDSL)  SOGEA(Gfast)  GEA-FTTP  FVA	Provide CPs with secure solution to share asset data and provide monthly report  Deployment of the R4150 design OR-49647 / ORCE-146977
OR-46504 / ORCE-137178	PSTN, LLU, FTTC, GEA-FTTP, FVA and SOGEA	Openreach Live Network Incident Map

## Ethernet

Reference ID	Products	Change description
OR-51346	EAD	<b>KCI sequencing</b> Fixing an in-life issue where the ReceivedDateTime attribute in B2B KCIs is incorrect and does not reflect the original received date and time of the order.  Moved to R4150.
OR-52342	EAD	<b>Street Access 1Gbt – T2R on EMP</b> Testing, alarm monitoring and fault management for Street Access 1Gbt on EMP.
OR-51283	EAD	<b>Equipment Discovery – non-BT Sites</b> Additional functionality to allow for Equipment Discovery on non-BT sites.

Reference ID	Products	Change description
		Moved to a future release
OR-53749	EBD	<b>Enhanced notes for EBD in KCI1 and KCI2</b> In response to CP feedback enhanced notes will be included in KCI1 and KCI2 where appropriate.
OR-54536	EAD	<b>Equipment Discovery Dialogue Service</b> Deployment of the Equipment Discovery Dialogue Service designed in R4150 under OR-51257.

## Copper

Reference ID	Products	Change description
OR-46351/ORCE-136610	LLU (MPF & SMPF), WLR3 PSTN, NGA (FTTC/FTTP/SOGEA)	<u>Smart Allocation</u> Design only Deferred to future release
OR-48243/ORCE-142539	All product	Introduction of Strategic Transfer of CPIS File Deferred to future release
OR-53579/ORCE-157786	All copper and NGA products	Change from sending 'Service Event Notifications' to 'Reportable Incident Notifications 2' for all type of notifications like MSO, PEW, IE etc.  This story completes the design initially undertaken in R4050 under OR-47936 / ORCE-141692. It adds additional functionality and deploys the full solution.
OR-31172/ORCE-134230	ISDN30	ISDN30 Fault Orchestration System migration from current legacy to a strategic system

Reference ID	Products	Change description
<a href="#">OR-31154/</a> <a href="#">ORCE-87960</a>	ISDN30	ISDN30 Fault Orchestration System migration from current legacy to a strategic system - <b>Parallel Run</b>
<a href="#">OR-54435/</a> <a href="#">ORCE-160936</a>	ISDN2e	ISDN2e Fault Orchestration System migration from current legacy to a strategic system  Note: This is deployment story for OR-31183/ ORCE-137515 which was "Build only" in R4150.
<a href="#">OR-54452/</a> <a href="#">ORCE-160985</a>	ISDN2e	ISDN2e Fault Orchestration System migration from current legacy to a strategic system - Parallel Run.  Note: This is deployment story for OR-31162/ORCE-87966 which was "Build only" in R4150.
<a href="#">OR-46504 /</a> <a href="#">ORCE-137178</a>	PSTN, LLU, FTTC, FTTP, FVA and SOGEA	Openreach Live Network Incident Map
<a href="#">OR-51944 /</a> <a href="#">ORCE-153807</a>	GEA-FTTC(VDSL)  GEA-FTTC(Gfast)  WLR3 PSTN  LLU MPF	Remove eMLC validation on Post Code in FTTC SIM2 provide orders  (R4050 reference: OR-50113 / ORCE-148666)  Moved into R4200 from R4150
<a href="#">OR-50951/ORCE-151150</a>	LLU MPF	KCI: Communication of mKCI's when encountering Field Delay
<a href="#">OR-51730/ORCE-153120</a>	SOTAP	L2C - SOTAP - Migration of Existing Working Services to SOTAP Part 1 - Order Placement and Progression to KCI2 (build, test & deploy)

Reference ID	Products	Change description
OR-52308/ORCE-154844	SOTAP	L2C SOTAP - Frames Delay on the Day - <b>Design Only</b>
OR-53109/ORCE-156656	SOTAP	SOTAP L2C Number Shift ( <b>Design Only</b> )
OR-53395/ORCE-157464	SOTAP	SOTAP L2C Additional Site Visit Reasons - Existing Copper ( <b>Design Only</b> )
OR-53871/ORCE-158801	SOTAP	SOTAP - L2C Cancellations Before PONR and Amendments - <b>Design Only</b>
OR-53395/ORCE-159400	SOTAP	SOTAP L2C Additional Site Visit Reasons - Phase 1 - Existing Copper Network - Engineer Delays ( <b>Design Only</b> )
OR-54812/ORCE-161563	SOTAP	L2C SOTAP - Ability to Effectively Bill My Customers (Atlantis) (Test & Deploy)
OR-54814/ORCE-161578	SOTAP	SOTAP - L2C Start of Stopped Part 3 - Progression of Order from KCI2 - KCI3 (Including Amends) (Test Only) Corr Design - OR-48929

In line with the External Information Points (EIP) process for EMP releases, we can confirm that the additional documentation to support Release R4200 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 \(GEA-FTTC, GEA- GEA-FTTP and FVA\)](#)

**Ethernet Services** ([www.openreach.co.uk/ethernetservices](http://www.openreach.co.uk/ethernetservices))

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.

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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.

