

## 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 R4100, due for delivery on 20 July 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 R4100 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.

R4100 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-46055 / ORCE-135927	GEA-FTTP	GEA-FTTP - ONT Shift Ordering  The functionality for this story will be 'switched-off' in R4100. 'Switch-on' will be in a future release TBC.
OR-50400 / ORCE-149528	GEA-FTTP	Migration to GEA-FTTP from MPF
OR-49987 / ORCE-148186	SOGEA (Gfast/VDSL)  GEA-FTTP  SOTAP	SOGEA (Gfast/VDSL) / GEA-FTTP / SOTAP: Strategic 'Prove IP voice' in T2R {Build, Test & Deploy} {Follows ORCE-136002}
OR-50735 / ORCE-150652	GEA-FTTC(VDSL)  GEA-FTTC(G.fast)  WLR3 PSTN  LLU MPF	Appointing improvement in SIM2 where GEA-FTTC is secondary    News Item only
OR-50321 / ORCE-149253	View My Job  Copper and NGA products	View my job - Add Escalations Cases raised via Formwize to CASES Tab - CE story
OR-50988 / ORCE-151288	GEA-FTTP	Enabling GEA-FTTP Transfer when there is no change of Retailer
OR-47818 / ORCE-141174	All copper and NGA products	SoR 8521 - Uplift of VME to maximise contact detail benefits and identify mobile contact number for SMS (text) services  News Item only.
OR-50426 / ORCE-149629	GEA-FTTP  GEA-FTTP on Demand	GEA-FTTP: Change to ECC reminder frequency

Reference ID	Products	Change description
	FVA	
OR-50574 / ORCE-150150	SOGEA(VDSL) SOGEA(G.fast)	SOGEA Day 1 - SOGEA New Provides - Part 7 (Frames)  Please refer to updated functional change documentation for OR-37910 / ORCE-110930.
OR-51057 / ORCE-151504	GEA Cablelink	ECI 10G R4100 capability  Enables 10G Cablelinks to be ordered on tethered ECI headends.
OR-51201 / ORCE-151795	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP L2C Universal Power Supply & ONT Power Feed Cable
OR-50705 / ORCE-150597	eMLC dialogue service	SOGEA: eMLC to show copper capacitance for CBS IDs
OR-51546 / ORCE-150571	GEA-FTTC(VDSL) SOGEA(VDSL)	Appointing Capability  Volume discount capability for same CP copper to fibre migrations.  Internal story to support volume discount stories, no CP impact.
OR-50703 / ORCE-150560	GEA-FTTC(VDSL) SOGEA(VDSL)	Capacity Capability  Volume discount capability for same CP copper to fibre migrations.
OR-51542 / ORCE-150546	GEA-FTTC(VDSL) SOGEA(VDSL)	Pre-Order Check Capability  Volume discount capability for same CP copper to fibre migrations.
OR-51544 / ORCE-150531	GEA-FTTC(VDSL) SOGEA(VDSL)	Volume Discount Orders  Volume discount capability for same CP copper to fibre migrations.

Reference ID	Products	Change description
OR-49091 / ORCE-145079	GEA Service Test for:  GEA-FTTC(VDSL)  GEA-FTTC(G.fast)  SOGEA(VDSL)  SOGEA(G.fast)	ADSL Modem Verification
OR-49015 / ORCE-144844	GEA-FTTC(VDSL)  GEA-FTTC(G.fast)  SOGEA(VDSL)  SOGEA(G.fast)	Intelligent DLM Reset
OR-47936 / ORCE-141692	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.  Design completion and deployment in R4100. (Design only in R4050).  <b>This story will be in 'switched-off' mode in R4100 pending further development in R4150 (OR-53579).</b>
OR-51379 / ORCE-152218	View My Job  Copper and NGA products	View My Job - Visibility of SI / CJM Cases via XML
<del>OR-49206 / ORCE-145524</del>	<del>GEA Service Test for:  GEA-FTTC(VDSL)  GEA-FTTC(G.fast)  SOGEA(VDSL)  SOGEA(G.fast)</del>	<del>Avoid ineffective GTC1102 outcomes in GEA Service test  Removed from release as no longer required.</del>
OR-49906 /	GEA-FTTP	GEA-FTTP View My Job 2.0 - Reseller portal presentation

Reference ID	Products	Change description
ORCE-147768		
OR-49906 ORCE-147778	GEA-FTTP	GEA-FTTP View My Job 2.0 - Reseller portal presentation - pt 2 complex
<del>OR-47446 / ORCE-139744</del>	<del>NGA Products WLR3 PSTN LLU</del>	<del>ELF and DoA definition Moved to future release.</del>
OR-46570 / ORCE-137039	GEA-FTTP FVA GEA-FTTC(VDSL & G.fast) SOGEA(VDSL & G.fast)	GEA-FTTP T2R - Create a solution to support MDU for both Green and Brown field GEA-FTTP networks  Deployment of R4050 design.
OR-49906 / ORCE-156483	View My Job GEA-FTTC(VDSL & G.fast)	GEA-FTTC attributes in raw data feeds for appointing changes
<del>OR-44788 / ORCE-131958, ORCE-131950</del>	<del>WLR3 PSTN LLU MPF &amp; SMPF GEA GEA-FTTC (VDSL &amp; G.fast) SOGEA (VDSL &amp; G.fast)</del>	<del>Complex Repair – improved business process for LLU, WLR3 and NGA T2R when managing Second Stage Repair trouble reports and cancellation requests.  <b>This story will be delivered in R4100 in “switch off” mode.</b></del>
<del>OR-46504 / ORCE-137178</del>	<del>PSTN, LLU, GEA-FTTC, GEA-FTTP, FVA and SOGEA</del>	<del>Openreach Live Network Incident Map  <b>Added: News item story, covered in FCD.</b></del>
<del>OR-51429 / ORCE-152481</del>	<del>GEA-FTTP</del>	<del>GEA-FTTP: Improvements to XDIG and External Task PONR</del>

Reference ID	Products	Change description
		News item only,
OR-52550 / ORCE-155192	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(Gfast)	Live to Live Planned Engineering Works (PEW) Notification Improvement  <b>This is the final deployment of the R3950 design: OR-43879 / ORCE-128998</b>
OR-50735 / ORCE-150652	GEA-FTTC(VDSL) GEA-FTTC(G.fast)  WLR3 PSTN  LLU MPF	Appointing improvement in SIM2 where GEA-FTTC is secondary    News Item only
OR-44788 / ORCE-131958, ORCE-131950	WLR3 PSTN LLU MPF & SMPF GEA-FTTC (VDSL & G.fast) SOGEA (VDSL & G.fast)	Complex Repair – improved business process for LLU, WLR3 and NGA T2R when managing Second Stage Repair trouble reports and cancellation requests.  <b>This story will be delivered in R4100 in “switch off” mode.</b>
OR-46504 / ORCE-137178	PSTN, LLU, GEA-FTTC, GEA-FTTP, FVA and SOGEA	Openreach Live Network Incident Map  <b>Added: News item story, covered in FCD.</b>
OR-50735/ ORCE-150652	PSTN + GEA-FTTC SIM2  MPF + GEA-FTTC SIM2	Appointing improvement in SIM2 where FTTC is secondary  <b>News item story, covered in FCD.</b>
OR-50705/ ORCE-150597	eMLC Dialogue Service	SOGEA: eMLC to show copper capacitance for Common Bearer system (CBS) IDs  <b>News item story, covered in FCD.</b>
OR-44788 /	WLR3 PSTN	Complex Repair – improved business process for LLU, WLR3

Reference ID	Products	Change description
ORCE-131958, ORCE-131950	LLU MPF & SMPF GEA-FTTC (VDSL & G.fast) SOGEA (VDSL & G.fast)	and NGA T2R when managing Second Stage Repair trouble reports and cancellation requests.  <b>This story will be delivered in R4100 in "switch off" mode.</b>

## Ethernet

Reference ID	Products	Change description
OR-49085	EAD	EMP Non-Specific TRC (E.g. SSRAMS) Approval and Charging Improved TRC approval and charging process
OR-50303	EAD	Automation of contractor KCIs Part 2 Further automated forwarding of contactor KCIs to CPs  To be deployed switched off in R4100
<del>OR-47446 / ORCE-140241</del>	<del>EAD</del>	<del>ELF and DoA definition for Ethernet</del>  Moved to a future release

## Copper

Reference ID	Products	Change description
OR-50321 / ORCE-149253	View My Job Copper and NGA products	View my job - Add Escalations Cases raised via Formwize to CASES Tab - CE story
OR-47818 / ORCE-141174	All copper and NGA products	SoR 8521 - Uplift of View my Engineer (VME) to maximise contact detail benefits and identify mobile contact number for SMS (text) services

Reference ID	Products	Change description
OR-47818 / ORCE-141839	All copper and NGA products	Uplift of View my Engineers (VME) to include LLU SFI2 journey
<del>OR-44106 / ORCE-129600</del>	<del>WLR3 and LLU</del>	<del>As a part of a Test on Receipt of Fault (TOROF) response CP will get Open/In progress associated incidents detail.</del>  Duplicate entry
OR-51379 / ORCE-152218	View My Job  Copper and NGA products	View My Job - Visibility of SI / CJM Cases via XML
OR-48927 ORCE-144757 (Design)  OR-51780 ORCE-153254 (Build, Test & Deploy)	SOTAP	SOTAP - Start of Stopped Part 2 Order Progression to KCI2 from KCI1
OR-48947 ORCE-144797	SOTAP	SOTAP Migration of Existing Working Services to SOTAP Part 2 - KCI3 including Amends & Pre-PONR Cancellations  Design Only
OR-47119 ORCE-133999	SOTAP  Appointing Dialogue service	SOTAP Dialogue Services - End Customer Appointing
OR-48929 ORCE-144760	SOTAP	SOTAP - Start of Stopped Part 3 - Progression of Order from KCI2 - KCI3 (Including Amends)  Design only
OR-51769 ORCE-153240	SOTAP  MLPA dialogue service	SOTAP Dialogue Services - Manage line Plant Availability  (Test only- split from OR-45418)



Reference ID	Products	Change description
OR-51769 ORCE-153231	SOTAP Tie Pair applications	SOTAP Dialogue Services - Tie Pair Applications (Test only - split from OR-45418)
OR-51769 ORCE-153220	SOTAP eMLC dialogue service	SOTAP - Dialogue Services - Enhance Line Characteristics (Test Only- split from OR-45418)
OR-51769 ORCE-153216	SOTAP Number Portability checker	SOTAP Dialogue Services - Number Portability Checker (Test only - split from OR-45418)
OR-51769 ORCE-153210	SOTAP Access & Test Address Matching	SOTAP Dialogue Services - Access & Test Address Matching (Test Only- split from OR-45418)
<del>OR-47446 / ORCE-139744</del>	<del>NGA Products WLR3 PSTN LLU</del>	<del>ELF and DoA definition Moved to R4100 release.</del>
<del>OR-51944 / ORCE-153807</del>	<del>SIM2 orders for GEA FTTC</del>	<del>Remove eMLC validation on Post Code in GEA FTTC SIM2 provide orders (R4050 reference: OR-50113 / ORCE-148666) Moved to future release.</del>
OR 44106 / ORCE 129600	WLR3 and LLU	Responsive Outage Notifications of Incidents within T&D & Receipt of Fault  This change will be re-introduced in R4100 timeline. This was rolled back earlier in R3950 (as covered in Openreach General Briefing GEN009/19).
OR-47936 / ORCE-141692	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.

Reference ID	Products	Change description
		Design completion and deployment in R4100. (Design only in R4050).  Copper products added.
OR-49987 / ORCE-148186	SOGEA (Gfast/VDSL)  GEA-FTTP  SOTAP	SOGEA (Gfast/VDSL) / GEA-FTTP / SOTAP: Strategic 'Prove IP voice' in T2R {Build, Test & Deploy} {Follows ORCE-136002}          SOTAP added (future use)
OR-50735 / ORCE-150652	GEA-FTTC(VDSL)  GEA-FTTC(G.fast)  WLR3 PSTN  LLU MPF	Appointing improvement in SIM2 where GEA-FTTC is secondary          News Item only
OR-44788 / ORCE-131958, ORCE-131950	WLR3 PSTN  LLU MPF & SMPF  GEA FTTC (VDSL & G.fast)  SOGEA (VDSL & G.fast)	COMPLEX REPAIR – IMPROVED BUSINESS PROCESS FOR LLU, WLR3 AND NGA T2R WHEN MANAGING SECOND STAGE REPAIR TROUBLE REPORTS AND CANCELLATION REQUESTS.  <b>This story will be delivered in R4100 in “switch off” mode.</b>
OR-46504 / ORCE-137178	PSTN, LLU, FTTC, FTTP, FVA and SOGEA	Openreach Live Network Incident Map       <b>News item story, covered in FCD.</b>
OR-50705/ ORCE-150597	eMLC Dialogue Service	SOGEA: eMLC to show copper capacitance for CBS IDs  <b>News item story, covered in FCD.</b>

## Ducts and Poles Access

Reference ID	Products	Change description
OR-48320	PIA	<del>Lead-In-Recording. Delivers the ability for CPs to record Customer Connections (Lead-Ins) that they have installed in the Openreach network.</del>
OR-50802	PIA	<del>Network Adjustments Completion Confirmation. Delivers a workflow and KCI that prompts the PIA Planner and PIA CP to close the Network Adjustment based on it being completed satisfactorily.</del>
OR-48771	PIA	CP's will be able to amend and cancel Co-op & Ancillary products at order line level via the Map Tool portal.
OR-50061	PIA	Pole Database – Phase 2. Builds on the initial Hazard Pole database providing CPs with access to the full Openreach pole database.

In line with the External Information Points (EIP) process for EMP releases, we can confirm that the additional documentation to support Release R4100 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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**For tracking purpose please find below EIP3:**

Reference ID	Products	Change description
OR-46055 / ORCE-135927	GEA-FTTP	GEA-FTTP - ONT Shift Ordering
OR-50400 / ORCE-149528	GEA-FTTP	Migration to GEA-FTTP from MPF
OR-49987 / ORCE-148186	SOGEA (Gfast/VDSL)  GEA-FTTP  SOTAP	SOGEA (Gfast/VDSL) / GEA-FTTP / SOTAP: Strategic 'Prove IP voice' in T2R {Build, Test & Deploy} {Follows ORCE-136002}
OR-50735 / ORCE-150652	GEA-FTTC(VDSL)  GEA-FTTC(G.fast)  WLR3 PSTN  LLU MPF	Appointing improvement in SIM2 where GEA-FTTC is secondary    News Item only
OR-50321 / ORCE-149253	View My Job  Copper and NGA products	View my job - Add Escalations Cases raised via Formwize to CASES Tab - CE story
OR-50988 / ORCE-151288	GEA-FTTP	Enabling GEA-FTTP Transfer when there is no change of Retailer
OR-47818 /	All copper and NGA	SoR 8521 - Uplift of VME to maximise contact detail benefits

Reference ID	Products	Change description
ORCE-141174	products	and identify mobile contact number for SMS (text) services
OR-50426 / ORCE-149629	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP: Change to ECC reminder frequency
OR-50574 / ORCE-150150	SOGEA(VDSL) SOGEA(G.fast)	SOGEA Day 1 - SOGEA New Provides - Part 7 (Frames)
OR-51057 / ORCE-151504	GEA Cablelink	ECI 10G R4100 capability Enables 10G Cablelinks to be ordered on tethered ECI headends.
OR-51201 / ORCE-151795	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP L2C Universal Power Supply & ONT Power Feed Cable
OR-50705 / ORCE-150597	eMLC dialogue service	SOGEA: eMLC to show copper capacitance for CBS IDs
OR-51546 / ORCE-150571	GEA-FTTC(VDSL) SOGEA(VDSL)	Appointing Capability Volume discount capability for same CP copper to fibre migrations. Internal story to support volume discount stories, no CP impact.
OR-50703 / ORCE-150560	GEA-FTTC(VDSL) SOGEA(VDSL)	Capacity Capability Volume discount capability for same CP copper to fibre migrations.
OR-51542 / ORCE-150546	GEA-FTTC(VDSL) SOGEA(VDSL)	Pre-Order Check Capability Volume discount capability for same CP copper to fibre migrations.
OR-51544 /	GEA-FTTC(VDSL)	Volume Discount Orders

Reference ID	Products	Change description
ORCE-150531	SOGEA(VDSL)	Volume discount capability for same CP copper to fibre migrations.
OR-49091 / ORCE-145079	GEA Service Test for: GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	ADSL Modem Verification
OR-48495 / ORCE-143375	GEA Service Test for: GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	Validate customer connection on T2R GEA service  Decoded from release.
OR-49015 / ORCE-144844	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	Intelligent DLM Reset
OR-49944 / ORCE-147908	All NGA products	Notify Network PEWS in line with other PEWS  Decoded from release.
OR-47936 / ORCE-141692	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.  Design completion and deployment in R4100. (Design only in R4050).

Reference ID	Products	Change description
OR-51379 / ORCE-152218	View My Job Copper and NGA products	View My Job - Visibility of SI / CJM Cases via XML
OR-49206 / ORCE-145524	GEA Service Test for: GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	Avoid ineffective GTC1102 outcomes in GEA Service test
OR-49906 / ORCE-147768	GEA-FTTP	GEA-FTTP View My Job 2.0 - Reseller portal presentation
OR-49906 ORCE-147778	GEA-FTTP	GEA-FTTP View My Job 2.0 - Reseller portal presentation - pt 2 complex
OR-47446 / ORCE-139744	NGA Products WLR3 PSTN LLU	ELF and DoA definition
OR-51944 / ORCE-153807	SIM2 orders for GEA- FTTC	<del>Remove eMLC validation on Post Code in GEA FTTC SIM2 provide orders</del> (R4050 reference: OR-50113 / ORCE-148666)  Descoped from release.
OR-46570 / ORCE-137039	GEA-FTTP FVA GEA-FTTC(VDSL & G.fast) SOGEA(VDSL & G.fast)	GEA-FTTP T2R - Create a solution to support MDU for both Green and Brown field GEA-FTTP networks  Deployment of R4050 design.



Reference ID	Products	Change description
OR-49906 / ORCE-156483	View My Job GEA-FTTC(VDSL & G.fast)	GEA-FTTC attributes in raw data feeds for appointing changes

### Ethernet

Reference ID	Products	Change description
OR-49085	EAD	<b>EMP Non-Specific TRC (E.g. SSRAMS) Approval and Charging</b> Improved TRC approval and charging process
OR-50303	EAD	<b>Automation of contractor KCIs Part 2</b> Further automated forwarding of contactor KCIs to CPs  To be deployed switched off in R4100
OR-47446 / ORCE-140241	EAD	ELF and DoA definition for Ethernet

### Copper

Reference ID	Products	Change description
OR-50321 / ORCE-149253	View My Job Copper and NGA products	View my job - Add Escalations Cases raised via Formwize to CASES Tab - CE story
OR-47818 / ORCE-141174	All copper and NGA products	SoR 8521 - Uplift of View my Engineer (VME) to maximise contact detail benefits and identify mobile contact number for SMS (text) services
OR-47818 /	All copper and NGA	Uplift of View my Engineers (VME) to include LLU SFI2 journey

Reference ID	Products	Change description
ORCE-141839	products	
OR 44106 / ORCE 129600	WLR3 and LLU	As a part of a Test on Receipt of Fault (TOROF) response CP will get Open/In progress associated incidents detail.
OR-51379 / ORCE-152218	View My Job Copper and NGA products	View My Job - Visibility of SI / CJM Cases via XML
OR-48927 ORCE-144757 (Design)  OR-51780 ORCE-153254 (Build, Test & Deploy)	SOTAP	SOTAP - Start of Stopped Part 2 Order Progression to KCI2 from KCI1
OR-48947 ORCE-144797	SOTAP	SOTAP Migration of Existing Working Services to SOTAP Part 2 - KCI3 including Amends & Pre-PONR Cancellations  Design Only
OR-47119 ORCE-133999	SOTAP Appointing Dialogue service	SOTAP Dialogue Services - End Customer Appointing
OR-48929 ORCE-144760	SOTAP	SOTAP - Start of Stopped Part 3 - Progression of Order from KCI2 - KCI3 (Including Amends)  Design only
OR-51769 ORCE-153240	SOTAP MLPA dialogue service	SOTAP Dialogue Services - Manage line Plant Availability  (Test only- split from OR-45418)
OR-51769 ORCE-153231	SOTAP Tie Pair applications	SOTAP Dialogue Services - Tie Pair Applications  (Test only - split from OR-45418)

Reference ID	Products	Change description
OR-51769 ORCE-153220	SOTAP eMLC dialogue service	SOTAP - Dialogue Services - Enhance Line Characteristics (Test Only- split from OR-45418)
OR-51769 ORCE-153216	SOTAP Number Portability checker	SOTAP Dialogue Services - Number Portability Checker (Test only - split from OR-45418)
OR-51769 ORCE-153210	SOTAP Access & Test Address Matching	SOTAP Dialogue Services - Access & Test Address Matching (Test Only- split from OR-45418)
OR-47446 / ORCE-139744	NGA Products WLR3 PSTN LLU	ELF and DoA definition
OR-51944 / ORCE-153807	SIM2 orders for GEA-FTTC	Remove eMLC validation on Post Code in GEA-FTTC SIM2 provide orders  (R4050 reference: OR-50113 / ORCE-148666)
OR 44106 / ORCE 129600	WLR3 and LLU	Responsive Outage Notifications of Incidents within T&D & Receipt of Fault  This change will be re-introduced in R4100 timeline. This was rolled back earlier in R3950 (as covered in Openreach General Briefing GEN009/19).
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Reference ID	Products	Change description
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### Ducts and Poles Access

Reference ID	Products	Change description
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OR-50802	PIA	Network Adjustments Completion Confirmation. Delivers a workflow and KCI that prompts the PIA Planner and PIA CP to close the Network Adjustment based on it being completed satisfactorily.
OR-50061	PIA	Pole Database – Phase 2. Builds on the initial Hazard Pole database providing CPs with access to the full Openreach pole database.

### NGA

Reference ID	Products	Change description
OR-46055 /	GEA-FTTP	GEA-FTTP - ONT Shift Ordering

Reference ID	Products	Change description
ORCE-135927		
OR-43828 / ORCE-128917	GEA-FTTC(G.fast) SOGEA(G.fast) eMLC	G.Fast MDU: eMLC - Introduction of G.fast multiple injections points - supports GFPCP  Descoped from R4100.
OR-50400 / ORCE-149528	GEA-FTTP	Migration to GEA-FTTP from MPF
OR-49987 / ORCE-148186	SOGEA (Gfast/VDSL) GEA-FTTP	SOGEA (Gfast/VDSL) / GEA-FTTP / SOTAP: Strategic 'Prove IP voice' in T2R {Build, Test & Deploy} {Follows ORCE-136002}
OR-50735 / ORCE-150652	GEA-FTTC(VDSL) GEA-FTTC(G.fast)	Appointing improvement in SIM2 where GEA-FTTC is secondary
OR-50321 / ORCE-149253	View My Job Copper and NGA products	View my job - Add Escalations Cases raised via Formwize to CASES Tab - CE story
OR-50655 / ORCE-150426	GEA-FTTC(VDSL) GEA-FTTC(G.fast) LLU SMPF	Build new logic to reject duplicate SIM2 orders raised by CP with same LORN and Post code  Descoped from R4100.
OR-51007 / ORCE-151408	GEA-FTTP	Support Amend of SiteVisitReason on GEA-FTTP  Descoped from R4100.
OR-50988 / ORCE-151288	GEA-FTTP	Enabling GEA-FTTP Transfer when there is no change of Retailer
OR-47818 / ORCE-141174	All copper and NGA products	SoR 8521 - Uplift of VME to maximise contact detail benefits and identify mobile contact number for SMS (text) services
OR-50426 / ORCE-149629	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP: Change to ECC reminder frequency
OR-51095	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP VMJ order progress raw data part 2  Descoped from R4100.
OR-51101	GEA-FTTP	GEA-FTTP VMJ order progress raw data part 3

Reference ID	Products	Change description
	GEA-FTTP on Demand	Descoped from R4100.
OR-50574 / ORCE-150150	SOGEA(VDSL) SOGEA(G.fast)	SOGEA Day 1 - SOGEA New Provides - Part 7 (Frames)
OR-51057 / ORCE-151504	GEA Cablelink	ECI 10G R4100 capability Enables 10G Cablelinks to be ordered on tethered ECI headends.
OR-51201 / ORCE-151795	GEA-FTTP GEA-FTTP on Demand	GEA-FTTP L2C Universal Power Supply & ONT Power Feed Cable
OR-50705 / ORCE-150597	eMLC dialogue service	SOGEA: eMLC to show copper capacitance for CBS IDs
OR-51546 / ORCE-150571	GEA-FTTC(VDSL) SOGEA(VDSL)	Appointing Capability Bulk migration capability for same CP copper to fibre migrations.
OR-50703 / ORCE-150560	GEA-FTTC(VDSL) SOGEA(VDSL)	Capacity Capability Bulk migration capability for same CP copper to fibre migrations.
OR-51542 / ORCE-150546	GEA-FTTC(VDSL) SOGEA(VDSL)	Pre-Order Check Capability Bulk migration capability for same CP copper to fibre migrations.
OR-51544 / ORCE-150531	GEA-FTTC(VDSL) SOGEA(VDSL)	Volume Discount Orders Bulk migration capability for same CP copper to fibre migrations.
OR-49091 / ORCE-145079	GEA Service Test for: GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	ADSL Modem Verification
OR-48495 / ORCE-143375	GEA Service Test for:	Validate customer connection on T2R GEA service

Reference ID	Products	Change description
	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	
OR-49015 / ORCE-144844	GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	Intelligent DLM Reset
OR-49944 / ORCE-147908	All NGA products	Notify Network PEWS in-line with other PEWS
OR-47936 / ORCE-141692	All NGA products	Change from sending 'Service Event Notifications' to 'Reportable Incident Notifications 2' for all type of notifications like MSO, PEW, IE etc.  Completion from R4050.
OR-51379 / ORCE-152218	View My Job Copper and NGA products	View My Job - Visibility of SI / CJM Cases via XML
OR-49206 / ORCE-145524	GEA Service Test for: GEA-FTTC(VDSL) GEA-FTTC(G.fast) SOGEA(VDSL) SOGEA(G.fast)	Avoid ineffective GTC1102 outcomes in GEA Service test
OR-49906 / ORCE-147768	GEA-FTTP	GEA-FTTP View My Job 2.0 - Reseller portal presentation
OR-49906 ORCE-147778	GEA-FTTP	GEA-FTTP View My Job 2.0 - Reseller portal presentation - pt 2 complex
OR-47446 / ORCE-139744	NGA Products WLR3 PSTN LLU	ELF and DoA definition
OR-51944 /	SIM2 orders for GEA-	Remove eMLC validation on Post Code in GEA-FTTC SIM2

Reference ID	Products	Change description
ORCE-153807	FTTC	provide orders  (R4050 reference: OR-50113 / ORCE-148666)

## Ethernet

Reference ID	Products	Change description
OR-49085	EAD	<b>EMP Non-Specific TRC (E.g. SSRAMS) Approval and Charging</b> Improved TRC approval and charging process
OR-50303	EAD	<b>Automation of contractor KCIs Part 2</b> Further automated forwarding of contactor KCIs to CPs
OR-47446 / ORCE-140241	EAD	ELF and DoA definition for Ethernet

## Copper

Reference ID	Products	Change description
OR-50321 / ORCE-149253	View My Job Copper and NGA products	View my job - Add Escalations Cases raised via Formwize to CASES Tab - CE story
OR-50655 / ORCE-150426	GEA-FTTC(VDSL) GEA-FTTC(G.fast) LLU SMPF	Build new logic to reject duplicate SIM2 orders raised by CP with same LORN and Post code  Descoped from R4150.
OR-47818 / ORCE-141174	All copper and NGA products	SoR 8521 - Uplift of View my Engineer (VME) to maximise contact detail benefits and identify mobile contact number for SMS (text) services
OR-47818 / ORCE-141839	All copper and NGA products	Uplift of View my Engineers (VME) to include LLU SFI2 journey
OR 44106 / ORCE 129600	WLR3 and LLU	As a part of a Test on Receipt of Fault (TOROF) response CP will get Open/In progress associated incidents detail.



Reference ID	Products	Change description
OR-51379 / ORCE-152218	View My Job Copper and NGA products	View My Job - Visibility of SI / CJM Cases via XML
OR-48927 ORCE-144757 (Design) OR-51780 ORCE-153254 (Build, Test & Deploy)	SOTAP	SOTAP - Start of Stopped Part 2 Order Progression to KCI2 from KCI1
OR-48947 ORCE-144797	SOTAP	SOTAP Migration of Existing Working Services to SOTAP Part 2 - KCI3 including Amends & Pre-PONR Cancellations  Design Only
OR-47119 ORCE-133999	SOTAP Appointing Dialogue service	SOTAP Dialogue Services - End Customer Appointing
OR-48929 ORCE-144760	SOTAP	SOTAP - Start of Stopped Part 3 - Progression of Order from KCI2 - KCI3 (Including Amends)  Design only
OR-51769 ORCE-153240	SOTAP MLPA dialogue service	SOTAP Dialogue Services - Manage line Plant Availability (Test only- split from OR-45418)
OR-51769 ORCE-153231	SOTAP Tie Pair applications	SOTAP Dialogue Services - Tie Pair Applications (Test only - split from OR-45418)
OR-51769 ORCE-153220	SOTAP eMLC dialogue service	SOTAP - Dialogue Services - Enhance Line Characteristics (Test Only- split from OR-45418)
OR-51769 ORCE-153216	SOTAP Number Portability checker	SOTAP Dialogue Services - Number Portability Checker (Test only - split from OR-45418)
OR-51769 ORCE-153210	SOTAP Access & Test	SOTAP Dialogue Services - Access & Test Address Matching (Test Only- split from OR-45418)

Reference ID	Products	Change description
	Address Matching	
OR-47446 / ORCE-139744	NGA Products WLR3 PSTN LLU	ELF and DoA definition
OR-51944 / ORCE-153807	SIM2 orders for GEA-FTTC	Remove eMLC validation on Post Code in GEA-FTTC SIM2 provide orders  (R4050 reference: OR-50113 / ORCE-148666)
OR 44106 / ORCE 129600	WLR3 and LLU	Responsive Outage Notifications of Incidents within T&D & Receipt of Fault  This change will be re-introduced in R4100 timeline. This was rolled back earlier in R3950 (as covered in Openreach General Briefing GEN009/19).

### Ducts and Poles Access

Reference ID	Products	Change description
OR-48320	PIA	Lead-In Recording. Delivers the ability for CPs to record Customer Connections (Lead-Ins) that they have installed in the Openreach network.
OR-50802	PIA	Network Adjustments Completion Confirmation. Delivers a workflow and KCI that prompts the PIA Planner and PIA CP to close the Network Adjustment based on it being completed satisfactorily.
OR-50061	PIA	Pole Database – Phase 2. Builds on the initial Hazard Pole database providing CPs with access to the full Openreach pole database.

In line with the External Information Points (EIP) process for EMP releases, we can confirm that the additional documentation to support Release R4000 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.