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SCHEDULE D8

HNG-X AND ASSOCIATED CHANGE DEVELOPMENT CHARGES

Version History

Version No.	Date	Comments
1.0	31/08/06	Agreed version as at date of signature of CCN 1200
2.0	25/01/07	Baseline copy of 1.2
3.0	09/07/07	Baseline copy of 2.3
4.0	14/04/08	Baseline copy of 3.4
5.0	23/02/09	Baseline copy of 4.2
5.1	20/05/09	Applying RPI for 2009
6.0	06/07/09	Moving all schedules to V6.0 as agreed with Fujitsu
6.1	04/01/10	Amendments as per CCN 1268
7.0	10/05/10	Moving all schedules to V7.0 as agreed with Fujitsu
8.0	21/02/12	Moving all schedules to V8.0 in accordance with CCN1294d
9.0	13/01/14	Moving all Schedules to v9.0 in accordance with CCN1349
10.0	10/09/15	Moving all Schedules to v10.0 in accordance with CCN1506
11.0	31/03/16	Moving all schedules to V11.0 in accordance with CCN1604
12.0	03/07/17	Moving all schedules to V12.0
13.0		Moving all Schedules to V13.0
14.0	20/12/2021	Updating as per CCN1649 and moving all Schedules to V14.0
15.0	11/04/2024	Moving all Schedules to V15.0

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HNG-X AND ASSOCIATED CHANGE DEVELOPMENT CHARGES

1. INTRODUCTION

1.1 This Schedule sets out the Charges for HNG-X Development and Associated Change Development which shall be paid by Post Office to Fujitsu Services.

1.2 All amounts set out in this Schedule (with the exception of the amount set out in paragraph 1.3.1):

1.2.1 are before adjustment for RPI, as described in paragraph 5, and before VAT; and

1.2.2 shall be invoiced and paid in accordance with Schedule D2.

1.3 In this Agreement the following expressions shall have the following meanings:

1.3.1 **"HNG-X Project Price"** means the amount paid, being £60,695,937.02 (excluding VAT but inclusive of adjustments for RPI) for the labour element of the HNG-X release 1 development only (as re-stated at the date of signature of CCN 1268 at Annex 1 of this Schedule D8 and as amended subsequently from time to time under the Change Control Procedure.

1.4 The HNG-X Project Price constitutes all the charges paid for the labour element of the HNG-X release 1 development (as referred to in the definition of the HNG-X Project Price) and Fujitsu Services acknowledge and agree that no other charges whatsoever are payable for the same.

2. HNG-X DEVELOPMENT AND ASSOCIATED CHANGE DEVELOPMENT CHARGES

2.1 The sum of £744,000 shall be invoiced by Fujitsu Services to Post Office at any time on or after the date of signature of CCN 1200 for work carried out prior to commencement of HNG-X Development. This figure is included in the value of the HNG-X Project Price above.

2.2 Post Office shall, in addition, pay for further HNG-X Development and Associated Change Development undertaken on and after the date of CCN 1268, (11/12/09) on a time-cost basis, subject to paragraphs 3.3, 3.4 and 3.5, according to the following rates:

Grade	Rate per hour On Shore	Rate per hour Near Shore	Rate per hour Offshore (India)

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Grade	Rate per hour On Shore	Rate per hour Near Shore	Rate per hour Offshore (India)
Systems Engineer	£71.70	£93.76	£36.15
Senior System Engineer	£86.72	£97.34	£38.25
Lead System Engineer	£102.03	£104.50	£41.81
Unit Leader	£114.62	£122.57	£58.03
Consultant	£131.89	-	-
Senior Consultant, Manager	£147.51	-	-
Senior Manager, Principal Specialist	£173.28	-	-

2.3   The D8 Charges shall be payable monthly in arrear.

2.4   The D8 Charges calculated in accordance with paragraph 2.2 in respect of work undertaken for that day by each of a Consultant, Senior Consultant, Manager and Senior Manager, Principal Specialist shall in each case not exceed 7.4 multiplied by the applicable hourly rate in total per day (rounded downwards to the nearest whole pound).

2.5   Post Office shall be entitled on a monthly basis, in accordance with paragraph 10.2 of Schedule D1, to offset pre-paid Development Charges as a credit against the D8 Charges.

3.   Not Used.

4.   **ADJUSTMENT**

On each occasion that Fujitsu Services is entitled to an adjustment to the HNG-X Project Price, it shall be calculated in accordance with paragraph 2 above.

5.   **INDEXATION**

All hourly and daily rates specified in this Schedule D8 shall be adjusted in the same manner and at the same times as the rates set out in paragraph 10.4 of Schedule D1 are adjusted pursuant to paragraph 16 of Schedule D1.

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6. RETENTIONS

Post Office shall, subject to paragraph 6.7, be entitled to make the following retentions from amounts payable to Fujitsu Services in respect of HNG-X Development Charges:

Initial Acceptance Retention Amount

6.1   if, at the HNG-X Initial Acceptance Date, there are any outstanding HNG-X Medium Severity Acceptance Incidents, Post Office shall be entitled to withhold from the amount or amounts first payable by it relating to HNG-X Development Charges following the HNG-X Initial Acceptance Date an amount of £500,000 (the "Initial Acceptance Retention Amount");

6.2   subject to paragraph 6.3, the Initial Acceptance Retention Amount shall be retained until all HNG-X Medium Severity Acceptance Incidents referred to in paragraph 6.1 shall have been closed (all agreed Rectification Plans and agreed workarounds having been successfully implemented) at which point the Initial Acceptance Retention Amount shall be paid to Fujitsu Services by Post Office following receipt of an invoice for the same raised in accordance with Schedule D2;

6.3   if, at the time at which the Initial Acceptance Retention Amount would otherwise have been paid pursuant to paragraph 6.2, any HNG-X High Severity Acceptance Incident or HNG-X Medium Severity Acceptance Incident raised during live monitoring remains outstanding, the Initial Acceptance Retention Amount shall not be paid but shall instead be applied as the Final Acceptance Retention Amount;

Final Acceptance Retention Amount

6.4   if paragraph 6.3 applies, Post Office shall be entitled to retain the Initial Acceptance Retention Amount as the Final Acceptance Retention Amount;

6.5   if paragraph 6.3 does not apply then if, at the HNG-X Final Acceptance Date, any HNG-X Medium Severity Acceptance Incident raised during live monitoring but after release of the Initial Acceptance Retention Amount remains outstanding, Post Office shall be entitled to withhold (by way of the credit note referred to in paragraph 6.7) from any sums due under this Agreement (including without limitation the Operational Charges) an amount of £500,000 (the "Final Acceptance Retention Amount");

6.6   the Final Acceptance Retention Amount shall be retained until all HNG-X Medium Severity Acceptance Incidents raised on or before the HNG-X Final Acceptance Date shall have been closed (all agreed Rectification Plans and agreed workarounds having been successfully implemented) at which point the Final Acceptance Retention Amount shall be paid to Fujitsu Services by Post Office following receipt of an invoice for the same raised in accordance with Schedule D2; and

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6.7　　if paragraph 6.3 does not apply, Fujitsu Services shall issue to Post Office a credit note for the Final Acceptance Retention Amount in accordance with the provisions of Schedule D2 which Post Office shall be able to apply against any other sums due under this Agreement.

7.　ASSOCIATED DOCUMENTS

7.1　　The following CCDs are associated with this Schedule D8:

	Document Reference	Document Title
	NO CCDs APPLICABLE	

7.2　　The following CRDs are associated with this Schedule D8:

	Document Reference	Document Title
	NO CRDs APPLICABLE	

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ANNEX 1

1. Introduction

This paper provides a summary of all Horizon and HNG-X Change Requests or other agreed changes that have been raised and approved by Fujitsu Services since the date of the HNG-X Contract and which align with the V0.80.A20 plan (as at 28th September 2009).

These Change requests are solely those that apply to the development of the initial release of HNG-X.

Change requests that are applicable to HNG-X may also have a commercial impact. This is managed via the Change Management process and agreed via the appropriate Change Work Order documentation.

The process for applying the effect of the approved CRs is summarised in section 4.

The cost of any development labour in the changes listed in this document, together with the development labour costs related to the HNG-X Initial Requirements Baseline are all included in the HNG-X Project Price.

Status as at date of HNG-X Contract.

At the date of the HNG-X contract a number of post-S92 approved Change Requests were agreed to be included in the POL Initial Requirements Baseline. These are listed in Schedule B6.1 – Annex 13 and in section 2.1 below.

Current Status

Section 2.3 comprises summary details of approved CRs that have been raised subsequent to the date of the HNG-X Contract with those that are applicable to HNG-X in section 2.3.1 and those that were signed post-CCN1246 section 2.3.2. Section 3 provides a summary of raised but not approved CRs that may have applicability. This will be confirmed once the CR has been approved.

Withdrawn CRs are not included in any of these lists.

This document is updated periodically with the latest approved Change Requests and issued to POL for agreement. Subsequently POL and FS will review the newly applicable changes and agree how they are to be applied to the HNG-X functional or non-functional requirements.

Note – FS Change Management also provide summarised information of agreed Change Requests to POL. This information is reconciled with the details in this paper.

2. Change requests to be applied to the HNG-X Initial Requirements Baseline

CRs approved before HNG-X contract date – no commercial impact

This comprises the list of CRs that are agreed as part of Applicable Horizon Baseline and listed in Schedule B6.1 – Annex 13.

POL CR ref.	Change Work Package ref.	FS CP ref	Summary description
PSO_FSL_CR00326	PWY_CWP_404	4037	Provision of DR capability to connect POLFS users to POLFS when NDC is not available.
POLCC_FSL_CR00 547	PWY_CWP_393	4080	New Algorithm Condition permissible in Field Validation
PSO_FSL_CR00734	PWY_CWP_457 PWY_CWP_488	4100	Amend Horizon to accept 5 digit item numbers
PSO_FSL_CR00583	PWY_CWP_409	4107	Country of destination on T& T message
PSO_FSL_CR00531	PWY_CWP_414	4110	Quantity function in Smartpost to operate when PAF is optional and not selected.
PSO_FSL_CR00584	PWY_CWP_410	4117	New despatch report for existing client
POLCC_FSL_CR00 71	PWY_CWP_423	4136	Printing Retailer Logos on Retailer branded Orders
POLCC_FSL_CR06 93	PWY_CWP_437	4150	Removal of a line on the Despatch Report
POLCC_FSL_CR00 73	PWY_CWP_439	4153	Rejected Postage Label Report
POLCC_FSL_CR00 77	PWY_CWP_453	4165	BAU - New Barcode range for P6097 Labels
PSO_FSL_CR00728	PWY_CWP_456	4168	Cut Off facility for the Office Weekly Postage Labels report
PSO_FSL_CR00727	PWY_CWP_455	4169	Date Range for Daily Rem reports
PSO_FSL_CR00744	PWY_CWP_466	4173	Transmit PDR data from Horizon to POLFS and MI system.

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POL CR ref.	Change Work Package ref.	FS CP ref	Summary description
PSO_FSL_CR00754	PWY_CWP_471	4184	Shopping Basket Finance Integration (Flowers and Travel Insurance)
PSO_FSL_CR00756	PWY_CWP_474	4185	Allow today's date to be used in selecting the date range on the Office Weekly Sales Report
PSO_FSL_CR00786	PWY_CWP_481	4201	A & L Sequential Referencing onto ADC
PSO_FSL_CR00781 v2_FS	PWY_CWP_480	4202	Mails Receipt changes
PSO_FSL_CR0893	PWY_CWP_496	4209	Implement changes to XI as identified in the changed functional spec
PSO_FSL_CR00873	PWY_CWP_494	4212	New AP-ADC Data Type – StackLookup
PSO_FSL_CR00968 _FS	PWY_CWP_530	4255	Receipt Template for Automation of Travellers Cheques ADC Product
PSO_FSL_CR00921 v2	PWY_CWP_505	4231	PostShop Receipt Template
PSO_FSL_CR00925 _FS	PWY_CWP_508	4237	Cessation of the BBC AP interfaces
PSO_FSL_CR00950 _FSv2	PWY_CWP_517	4247	Generic Branch Receipt Template
PSO_FSL_CR00956	PWY_CWP_520	4249	Gift Voucher Shop Receipts
PSO_FSL_CR00680	PWY_CWP_525	4251	Including figures for cash in pouches in Flexible Planning input

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3. CRs approved before HNG-X contract- commercial impact

This table lists those CRs that were identified as requiring impacting before they could be incorporated into the HNG-X Requirements baseline.

CT / CWP ref Or CCN ref	FS CP ref	Status	Description	Horizon Release	Band
PWY_CWP_491	4203	APPROVED	Introduction of a New Portable Counter	T10	Medium
PWY_CWP_490	4213	APPROVED	Addition of BFPO items to Pricing in Proportion CR 659	T20	Medium
PWY_CWP_473 (CCN 1211)	4189 4355	APPROVED	Changes to Support Channel Based Pricing	T20	Medium

4. CRs approved after HNG-X contract date

Relevant to HNG-X

> This table shows the changes related to Post Office Change Requests or other agreed changes that have been approved after the HNG-X Contract Date and which have been assessed as having relevance to HNG-X.
>
> The table below records these changes ordered by the Fujitsu Services CP number, and also shows the Fujitsu Services CT number and any related CCN number.

CT Number	FS CP number	CCN number	Release	Description	New this issue
422	4137		T20	Smart Post Pricing in Proportion	
497	4207		T10	Change to POL FS interface (A & L Changes)	
498	4210		T10	Fujitsu Services consultancy for Requirements Analysis stage of Post Office MoneyGram automation project	

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CT Number	FS CP number	CCN number	Release	Description	New this issue
514	4236		T20	Suppress XML for DVLA	
534	4253		T20	Euro / Dollar Rate Boards	
561	4259		T40	Epson Counter Printer Rollout	
561	4260		T40	Epson Firmware and Logo Download Support	
539	4261		T30	Clearance of Cash in Pouches transactions	
540	4263		T30	Pre-paid Cards - Transaction Settlement	
531	4272		T30	Unrecognised element on non-initiating Tokens	
561	4273		T40	Counter printer Com Port Speed Change	
559 + 567	4280		T30	Receipt Template for NS&I Investment Account Deposit ADC Product	
570	4302		T30	Receipt Template for Customer Referrals ADC Product	
	4305	1202	HNGx	Application for PCI	
577a	4306	1202	T60	Zeroise the PAN numbers on the feed from Horizon to the MI system.	
571	4307		T40	Enhancement of APOP report generating functionality to support Accounting/Audit requirements	
576	4308		T40	Amendment to Travellers Cheque Sales Daily Report	
580	4312		T30	XI changes associated with T30 CP 4261 and 4270	

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CT Number	FS CP number	CCN number	Release	Description	New this issue
587	4329		T40	Update to Existing FRTS Travel Card receipt Template	
590	4333		T40	Update to existing PostShop Receipt Template	
599	4350		T40	Update to Existing Environment Agency Receipt Template	
	4357	1211	HNGx	HNG-X CP0003 - Provide Exchange rates for USD and Euro as a parameter into AP-ADC for HNG-X	
	4358	1211	HNGx	HNG-X CP0004 - Introduction of 'NoHome' version of ADC Datatypes for HNG-X	
	4359	1211	HNGx	HNG-X CP0005 - Transfer of Cash and Stock between Branches for HNG-X	
	4360	1211	HNGx	HNG-X CP0006 - MoneyGram - Use of commas within currency fields for HNG-X	
	4361	1211	HNGx	HNG-X CP0007 - PIN Change for LINK - Solution Build & Test and Implementation for HNG-X	
	4362	1211	HNGx	HNG-X CP0008 - APOP Service Introduction - PayOut for HNG-X	
	4363	1211	HNGx	HNG-X CP0009 - MoneyGram - ISDN backup connectivity for HNG-X	
518	4364	1211	HNGx	HNG-X CP0010 - Introduction of MoneyGram to HNG-X	
	4382	1214	HNGx	HNG-X CP0016 - Multiple Session Processing - Costing	

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CT Number	FS CP number	CCN number	Release	Description	New this issue
	4405	1219	HNGx	HNG-X CP0022 - Migration of PHU1.5 Portable Counter to HNG-X	
	4415	1217	HNGx	HNG-X CP0025 - Provision of Postal Services Reference Data (Selectica)	
433	4426		HNGx	HNG-X CP0028 - WAN network for HNG-X	
	4428	1226	HNGx	HNG-X CP0029 - Introduction of a Remuneration Report for HNG-X	
	4429	1226	HNGx	HNG-X CP0030 - Various smart post changes for HNG-X	
	4430	1226	HNGx	HNG-X CP0031 - Migration of Telecoms Service to HNG - X	
	4431	1226	HNGx	HNG-X CP0032 - Migration of Automated Stock Ordering to HNG-X	
	4432	1226	HNGx	HNG-X CP0033 - Track and Trace messaging via AP-ADC for HNG-X	
	4459	1226	HNGx	HNG-X CP0036 - Obscure 'personal' data in the AP Client File Audit Copy of Telecoms Service Registration File	
	4469	1226	HNGx	HNG-X CP0040 - Extend Riposte Archiving Period for HNG-X	
	4478	1216	HNGx	HNG-X CP0045: Forwarding APADC data to POLMI system from HNGX (without Filtering)	Y
	4482	1228	HNGx	HNG-X CP0047 - HNG-X migration of Horizon to EDG2 interface for Girobank (A&L) AP transaction files	Y

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CT Number	FS CP number	CCN number	Release	Description	New this issue
	4501	1228	HNGx	HNG-X CP0061 - Automated Stock Ordering - APOP Schema Change	Y
	4508	1228	HNGx	HNG-X CP0065 - Migration of Kahala GDD Integration smartpost Service to HNG-X	Y
	4527	1233	HNGx	HNG-X CP0080 - Optionally Inhibit Label Production for Postal Services - HNG-X	Y
661	4526	1233	T82	Optionally Inhibit Label Production in smart post	Y
	4529	1228	HNGx	HNG-X CP0081 -Support for POL Automation of MVL reconciliation - HNG-X	Y
	4530	1230	HNGx	HNG-X CP0082 - Refinements to HNG-X Session Suspend	Y
	4558	1232	HNGx	HNG-X CP0103 - Reintroduce the AP Transaction Report	Y
	4575	1228	HNGx	HNG-X CP0118 - Migration of Horizon Bureau Pre-order Service to HNG-X	Y
	4577	1228	HNGx	HNG-X CP0119 - Migration of Horizon AP-ADC/APOP Service for Retail to HNG-X	Y
	4645	1231	HNGx	HNG-X CP0174 - Introduction of File Integrity Monitoring for HNG-X to Support PCI Compliance (Updated)	Y
675	4628		HNGx	HNG-X CP0160 - Consultancy - APOP Future Functionality	Y
685	4685		HNGx	HNG-X CP0207 - Router Cable Tags	Y

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CT Number	FS CP number	CCN number	Release	Description	New this issue
	4693	1243	HNGx	HNG-X CP0213 Migration of CAPO Withdrawal Correction (WDC)	Y
680	4695		HNGx	HNG-X CP0215 - PIN Pad Replacement Study	Y
	4707	1234	HNGx	HNG-X CP0226 - Revised Approach to POL-FS Migration (Proof of Concept)	Y
	4708	1234	HNGx	HNG-X CP0227 - Revised Approach to POL-FS Migration	Y
644	4454			Horizon Telecoms Service – Change the Counter Interpretation of the Results Provided by the ADSL Checker	Y

5. Changes post CCN1246

Change	Release	Raised	Description	Status	Comments
CCN1243	HNG-X	01/08/08	Migration of CAPO Withdrawal Correction to HNG-X	APPROVED	
CT0681	Rel Ind	20/08/08	Produce Study Report on the Separation of the Managed Services for the Branch Infrastructure *	CLOSED	
CT0746	HNG-X	17/04/09	Increase Max Branches (Re-wording of HNG-X requirement)	APPROVED	completed
CT0719	HNG-X	13/01/09	Capacity Study to Determine the Impact on HNG-X of an Increase to the Track & Trace Contractual Limits	APPROVED	completed

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CT0717	HNG-X	11/02/09	Postal Services Destination Area Rules (MBC001) & PIP Format Selection (MBC003)	APPROVED	completed
CT0765	HNG-X	01/08/09	Provision of Test Resources to Fujitsu	APPROVED	negative cost
CT0767	HNG-X	07/08/09	Amendment to the existing VocaLiNK firewall rule mapping - HNG-X	SUBMITTED	completed

* Cancelled by Post Office Ltd before work completed.

6. Future changes assessment

This table lists all those unapproved CCNs/CTs that relate to the initial development release of HNG-X which have been raised by Fujitsu Services or requested by Post Office but have not yet reached a conclusion. It provides an initial indication of future changes for planning purposes only. It does not contain any assessment of the commercial implications of the changes.

Not Yet Approved

1259b	HNG-X	15/05/2009	Deferral of Auto Fault Logging	SUBMITTED	
1260a	Rel Ind	28/04/2009	Branch Router Price Confirmation	SUBMITTED	
TBA	TBA	TBA	DXI	NOT YET SUBMITTED	

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