ICL Audit Ref.: CR/ACS/011

Pathway Acceptance Specification Version: 2.0

Date: 13/11/98

**Document Title** Audit Acceptance Specification

**Document Type** Acceptance Specification

**Abstract** This document describes the Acceptance Test for Audit

**Status** Issued

**Author** J C C Dicks

**Approval By** (approved version)

**Distribution** Pathway Management Team

**Test & Integration Manager** 

Pathway Library

POCL/DSS Paul Redwood

Jeff Austen

PDA tba

Recommended

for Approval

ICL Pathway Test Manager

Authority(ies) Test Manager

**Signature** 

Name Date

**Approved** For and behalf of ICL For and behalf of Authority(ies)

**Pathway** 

**Signature** 

Name

ICLAuditRef.: CR/ACS/o11<br/>Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

### Date

## 1. DOCUMENT CONTROL

### 2.1 DOCUMENT HISTORY

Version	Date	Reason
0.1	1/5/97	First draft for internal Pathway review
1.0	12/5/97	Issued for joint review
1.1	29/4/98	Revised for New Release 2, issued for partial joint review pending availability of Business Thread and HLTP
1.2	23/7/98	Version factoring in BT and HLTP material
1.3	2/9/98	Version treating additional comments
1.4	20/10/98	Version factoring in agreements from QR meeting 8/10
2.0	13/11/98	Approved version to accompany CCN361

## 0.2 ASSOCIATED DOCUMENTS

	Reference	Versio	n Date	Title	Source
(1)					
(2)	Acceptance Standard	0.1	13/09/96	Standard for Raising and Progressing Acceptance Incidents.	Pathway
(3)	Acceptance Standard	1.2	13/7/98	Standard for documenting Acceptance Specifications	Pathway
(4)	Authorities' Agreement	7.2	22/5/97	Acceptance Procedures Schedule (A)Ao7	DSS/POCL
(5)	POCL Agreement	7.2	22/5/97	Acceptance Procedures Schedule (P)A11	POCL
(6)	DSS Agreement	7.2	22/5/97	Acceptance Procedures Schedule (D)A11	DSS
(7)	Authorities' Agreement	8.1	8/3/98	Requirements Schedule (A)Bo4	DSS/POCL

ICL Path	way	Accepto	Avdit unce Spec	Ref.: Version: ification Date:	CR/ACS/011 2.0 13/11/98
	Reference	Version Date Title		Title	Source
(8)	Authorities' Agreement	8.1	8/3/98	Solutions Schedule (A)Bo5	Pathway
(9)	DSS Agreement	8.1	8/3/98	Requirements Schedule (D)A15	DSS
(10)	DSS Agreement	8.1	8/3/98	Solutions Schedule (D)Aı6	Pathway
(11)	POCL Agreement	8.0	13/11/97	Requirements Schedule (P)A15	POCL
(12)	POCL Agreement	8.1	8/3/98	Solutions Schedule (P)A <sub>1</sub> 6	Pathway
(13)	CR/FSP/004	4.0	30/9/97	Service Architecture Design Document	Pathway
(14)	PA/STR/009	2.0	24/2/98	Release Contents Definition for Pathway New Release 2	Pathway
(15)	CR/FSP/006	2.3	20/10/98	Audit Trail Functional Specification	Pathway
(16)	IA/MAN/003	0.3	2/7/98	Pathway Internal Audit Manual	Pathway
(17)	IA/MAN/004	0.2	tba	Horizon Audit Manual (NR2)	Pathway
(18)	CR/SPE/002	0.4	30/4/98	Specification for PAS Card Payment Accounting & Reconciliation (CBoS) Reports -From Release NR2	Pathway
(19) (20)	TD/STD/0001	1.0	9/03/98	Host Application Database Design and Interface Standards	Pathway

## 0.3 ABBREVIATIONS

ICL Pathway	Audit Acceptance Specification	Ref.: Version: Date:	CR/ACS/011 2.0 13/11/98
APS	Automated Payment Service		
BES	Benefit Encashment Service		
BPS			
	Benefit Payment Service Business Thread		
BT			
CAPS	Customer Accounting and Payments Strategy		
CAS	CAPS Access Service		
CCN	Change Control Notice		
CMS	Card Management Service		
DLT	Digital Linear Tape		
DSS	Department of Social Security		
HAPS	Host APS		
HLTP	High Level Test Plan		
NPO	Nominated Post Office		
OBCS	Order Book Control Service		
OPS	Office Platform Service		
PAS	Payment Authorisation Service		
PCHL	Payment Card Help Line		
PDA	Programme Delivery Authority		
POCL	Post Office Counters Ltd		
RED	Reconciliation Exceptions Database		
SIS	Strategic Infrastructure Service		

## 0.4 CHANGES IN THIS VERSION

Version raised to 2.0 to accompany CCN361.

Circulation updated.

## 0.5 CHANGES FORECAST

Revisions for changes in levels of associated documents.

Inclusion of BIT HLTP defined test conditions.

## ICL Audit Pathway Acceptance Specification

Ref.: CR/ACS/011 Version: 2.0 Date: 13/11/98

## 0.5 TABLE OF CONTENT

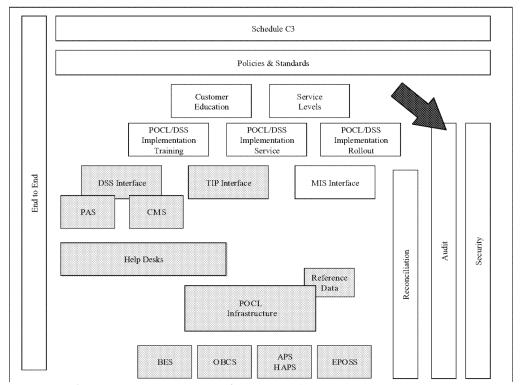
1.	DOCUMENT CONTROL	2
1.1	Document History	2
0.2	Associated Documents	
0.3	Abbreviations	_
0.4	Changes In This Version	
0.5	Changes Forecast	
0.5	Table Of Content	5
1.	PURPOSE & SCOPE	6
2.	ACCEPTANCE INCIDENTS	€
3.	ACCEPTANCE PERIOD	6
4.	DELIVERABLES & SERVICES	7
5.	ACCEPTANCE CRITERIA	8
5.1	Acceptance Criteria and test Conditions	8
5.	1.1 Description Of Tests Conducted By Acceptance Trial	9
5.	1.2 Description of tests conducted by Acceptance Review	
5.2	Criteria for Later Acceptance	
5.3	Criteria Summary	.28
6.	ACCEPTANCE INCIDENT SEVERITY	.28
6.1	HIGH SEVERITY INCIDENTS	.28
6.2	Medium Severity Incidents	.28
6.3	Low Severity Incidents	
7.	TEST DATA	.28
8.	AUTHORITY RESPONSIBILITIES	.28
8.1	Appoint Test Manager	28
8.2	ACCEPTANCE INCIDENT REPORTS	
8.3	ACCEPTANCE INCIDENT ANALYSIS REPORTS	
8.4	ATTENDANCE AT TRIALS AND REVIEWS	
8.5	Management And Co-Ordination	
8.6	Progress Reviews	
	CONTRACTOR RESPONSIBILITIES	
u.	CONTRACTOR RESPONSIBILITIES	. 20

ICLAuditRef.: CR/ACS/on<br/>Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

## 10. ACCEPTANCE TRIAL TEST CONDITIONS......28

#### 1. PURPOSE & SCOPE

This document describes the Acceptance Test for Audit in accordance with the Acceptance Procedures that are set out in the Schedules referred to in section 0.2 and also in the Pathway document "Standard for Documenting Acceptance Specifications". This Test will determine that Audit meets all the Acceptance Criteria that are agreed in the Acceptance Specification and that are within the scope of the "Pathway Release Contents Specification" document for New Release 2, if applicable.



*Figure 1-1:* This Acceptance Test in relation to others

### 2. ACCEPTANCE INCIDENTS

The standard and method for originating, progressing and resolving Acceptance Incidents shall be as described in the associated Document "Standard for Raising and Progressing Acceptance Incidents".

ICLAuditRef.: CR/ACS/on Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

### 3. ACCEPTANCE PERIOD

The Acceptance Period for the Acceptance Tests, which comprise the Operational Trial, is as determined by schedule Bo<sub>7</sub> of the AUTHORITIES' Agreement.

The Pathway programme plan details the schedule for the Audit Acceptance Test.

## 4. DELIVERABLES & SERVICES

This section details the Deliverables and Services that are the subject of this Acceptance Test and as defined by the related Agreements.

Deliverable or Service.	Contract Reference	Method
Audit	Requirements Schedule (A)Bo4 Requirements Schedule (D)A15 Requirements Schedule (P)A15 Schedule A3 (version Jao3v5op.doc, 10/5/96)	Acceptance Trial Acceptance Review

Table of Deliverables and Services.

ICL Audit
Pathway Acceptance Specification

Ref.: CR/ACS/011
Version: 2.0
Date: 13/11/98

## 5. ACCEPTANCE CRITERIA

This section lists the identifier of each Acceptance Criterion that will be demonstrated by the Acceptance Test. It also lists the Acceptance Test Conditions that are used to determine whether (or not) the Acceptance Criterion has been met together with the applicable test Phase, Technical Test, or Live Trial.

Acceptance Criteria are split into three sets of tables according to the nature of the acceptance method, one set for those tested by Acceptance Trial, a second for those tested by Acceptance Review and a third which lists those criteria which are for Acceptance at a later release. The Release on which Acceptance is to be conducted is defined by reference to the Release Contents Description included in the Associated Documents section of the Acceptance Specification. Exceptionally, it may be necessary for one particular Acceptance Criterion to be tested by a combination of trial and review in which case there are entries for Trial and Review.

### 5.1 ACCEPTANCE CRITERIA AND TEST CONDITIONS

Conformance of the Audit Acceptance Criteria will be demonstrated through Acceptance Trials and/or Acceptance Reviews.

Tests conducted by Acceptance Trials comprise practical tests using prepared test scripts. If applicable the Test Condition(s) appropriate to a criterion are specified in section 5.1.1 together with a description of the test. Detailed composition of the test in terms of sequences of Test Conditions is contained in Section 10. In the tables in section 5.1.1 the rows labelled Function Run Entry will be populated immediately prior to the running of the Acceptance Trials in a working version of the Acceptance Specification. These will provide invigilators with references to the checklists used to monitor the progress of the testing. The order of running of Test Conditions will not necessarily correspond to the order presented in HLTPs because of the "physicalisation" of the testing. The Function Run Entry will allow the invigilator to read across from the criterion to the checklist.

Tests conducted by Acceptance Review comprise typically document reviews, site visits or presentations. If applicable the Test Condition(s) are described in section 5.1.2.

ICL Audit
Pathway Acceptance Specification

Ref.: CR/ACS/011 Version: 2.0 Date: 13/11/98

## 5.1.1 Description Of Tests Conducted By Acceptance Trial

The tables below show which Acceptance Criteria will be met by Acceptance Trial.

All of the tests in this section will be scheduled during the Technical Test phase.

Requirement Id	699		
Criterion	1-5,10		
Derivation	Requirement		
Criterion Description	1. An audit trail shall be maintained during periods of Service operation including fallback and Recovery.		
	2. The audit trail shall record all Data File transfer, messaging and processing, whether as a result of manual or automated action.		
	3. The information recorded shall be sufficient to identify the action, by whom it was undertaken, when it was undertaken, why it was undertaken, where it was undertaken and the resulting outcome.		
	4. The audit trail shall allow activities that utilise more than one of the Services to be traced across the Services from start to finish, or from an intermediate Service in any direction, with certainty.		
	<ol><li>The audit trail shall provide information to allow the original Transaction to be recreated.</li></ol>		
	6. The integrity of the audit trail shall be continued during periods of partial or complete service loss or failure.		
HLTP / Business Thread Scenario	HLTP Audo101 / BT Audo1 / BT Refs 1-24		
Scenario Description	Business oriented processing will be performed to prove the Audit Tracks for POCL SIS and POCL Client (DSS) and to record the list of Audit events from Tivoli Event Management Server.		
	1, 2, 10 Both main Audit Tracks are populated with a full representation of traffic including fallback and recovery and automated and manual transactions.		

ICLAuditRef.: CR/ACS/on Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

	<ol> <li>BPS customers and payments</li> <li>Stopped Payments</li> <li>Encashed payments</li> <li>Recalls and reissues following NPO change</li> <li>Despatched card batches</li> <li>[Despatched Temporary Token batch purging (NR2+)]</li> <li>Temporary Token operations</li> <li>Removing unwanted notes</li> <li>PCHL operation</li> <li>Counter auditing at session level</li> <li>Table level audit monitoring changes</li> <li>Medium term Post Office closures</li> <li>Stopped card damage reorder control</li> <li>Reissued card damaged reorder control</li> <li>Overdue payment stops</li> <li>Exception tables purging</li> <li>Contingency payments</li> <li>"40/14" type exceptions</li> <li>Reference data changes including revalued stock</li> <li>Duplicate payment stops</li> <li>Cardholder amendments</li> <li>CAS log files</li> <li>OBCS stops and recalls</li> <li>OBCS book handling and encashment</li> </ol>
Function Run Entry	

ICLAuditRef.: CR/ACS/on<br/>Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

Requirement Id	699	
Criterion	8,11	
Derivation	Requirement	
Criterion Description	The audit trail shall be available for inspection by the AUTHORITIES or their representatives as listed in paragraph 2.1 of Schedule Ao3 of the AUTHORITIES' Agreement.  The audit trail shall comply with Requirement 829.  [DN: Requirement 829 specifies evidential admissibility.]	
Test Condition  A satisfactory Operational Audit Procedure is in a and has been exercised by means of sample site v		
Method	Sample site visit.	
References	(17)	
Phase	Technical Test	

ICLAuditRef.: CR/ACS/on<br/>Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

Requirement Id	699		
Criterion	9		
Derivation	Requirement		
Criterion Description	9. The audit trail shall have a level of security such that it cannot be altered or deleted.		
HLTP / Business Thread Scenario	HLTP Audo101 / BT Audo1 / BT Refs 25-29		
Scenario Description	Operational activities available cannot alter or delete the Audit Trail.		
	25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted		
Function Run Entry			

Date: 13/11/98

Version: 2.0

ICL Audit
Pathway Acceptance Specification

Requirement Id	816		
Criterion	1		
Derivation	Requirement		
Criterion Description	A complete set of Outlet Records, for a rolling period of 18 months, shall be maintained as available for retrieval and review (but not amendment).		
HLTP / Business Thread Scenario	HLTP Audo101 / BT Audo1 / BT Refs 1, 3-10, 12-14, 17-19, 21, 23-		
Scenario Description	Business oriented processing will be performed to prove the Outlet records		
	<ol> <li>BPS customers and payments</li> <li>Encashed payments</li> <li>Recalls and reissues following NPO change</li> <li>Despatched card batches</li> <li>[Despatched Temporary Token batch purging (NR2+)]</li> <li>Temporary Token operations</li> <li>Removing unwanted notes</li> <li>PCHL operation</li> <li>Counter auditing at session level</li> <li>-</li> <li>Medium term Post Office closures</li> <li>Stopped card damage reorder control</li> <li>Reissued card damaged reorder control</li> <li>Reissued card damaged reorder control</li> <li>-</li> <li>Contingency payments</li> <li>"40/14" type exceptions</li> <li>Reference data changes including revalued stock</li> <li>-</li> <li>Cardholder amendments</li> <li>-</li> <li>OBCS stops and recalls</li> <li>OBCS book handling and encashment</li> <li>-</li> <li>Audit Archive checked from Audit Workstation</li> </ol>		

ICL	Audit Acceptance Specification	Ref.: Version:	CR/ACS/011		
Pathway	Acceptance Specification		13/11/98		
	28 Audit Archivo flo successfully r	a gatharad			
	28. Audit Archive – file successfully re 29. Audit Archive file successfully del	0			
	30. Audit Archive file retrieval	cicu			
	31. POCL Auditor outlet asset verification				
	32. POCL Emergency Manager operations				
	33. Horizon Help Desk calls				
	[DN: Whether the retention period for	the operati	onal audit trail		
is 18 months or six years is in dispute and has been referred t					
	the CNT for resolution.]				
Function Run Entry					

ICLAuditRef.: CR/ACS/01PathwayAcceptance SpecificationVersion: 2.0Date: 13/11/98

Requirement Id	921
Criterion	5
Derivation	Requirement
Criterion	The circumstance where the [OPS Secure Time-out] facility has
Description	been overridden by an appropriate authority shall be expressly
	logged to the audit trail.
HLTP / Business	HLTP Audo101 / BT Audo1 / BT Ref 32
Thread Scenario	
Scenario	OPS Secure Timeout is recorded
Description	
•	32. POCL Emergency Manager operations
Function Run	
Entry	

ICLAuditRef.: Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

3 (DSS only)	
Requirement	
The CONTRACTOR shall provide all Services to support the	
functional specification [(15)]	
HLTP Audo101 / BT Audo1 / BT Refs 1-9, 11, 13-18, 20-30, 34.	
The DSS related parts of audit are performed.	
1. BPS customers and payments	
2. Stopped Payments	
3. Encashed payments	
4. Recalls and reissues following NPO change	
5. Despatched card batches	
6. [Despatched Temporary Token batch purging (NR2+)]	
7. Temporary Token operations	
8. Removing unwanted notes	
9. PCHL operation	
10	
11. Table level audit monitoring changes	
12	
13. Stopped card damage reorder control	
14. Reissued card damaged reorder control	
15. Overdue payment stops	
16. Exception tables purging	
17. Contingency payments	
18. "40/14" type exceptions	
19	
20. Duplicate payment stops	
21. Cardholder amendments	
22. CAS log files	
23. OBCS stops and recalls	
24. OBCS book handling and encashment	
25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive	
27. Audit Archive checked from Audit Workstation	
28. Audit Archive – file successfully re-gathered	
29. Audit Archive – the successfully re-gathered	
30. Audit Archive file retrieval	

ICL	Audit	Ref.: Version:	CR/ACS/011
Pathway	Acceptance Specification		
	31 32		
	33		
	34. Legato 18 month DLT handling		
	[DN: Whether the retention period for	r the operati	onal audit trail
	is 18 months or six years is in dispute o	-	
	the CNT for resolution.]		
Function Run			
Entry			

Date: 13/11/98

Version: 2.0

ICL Audit
Pathway Acceptance Specification

Requirement Id	942
Criterion	6-11 (DSS only)
Derivation	Requirement
Criterion Description	The audit trail shall be maintained during all periods of operation including fallback and Recovery.
	The audit trail shall record all Transactions and data passing across service boundaries and all major processing actions.
	The information recorded shall allow tracking of a business Transaction through the Services and across service boundaries to other suppliers' services.
	The information recorded shall identify origin of Transaction, time and outcome.
	The audit trail shall be made available to DSS as logically a single entity showing a chronological trail of events.
	[DN: other attributes than date/time may be used and other arrangements of the audit trail than a single entity may be formed.]
	The CONTRACTOR shall make available utilities to facilitate inspection of the audit trail by DSS.
HLTP / Business	HLTP Audo101 / BT Audo1 / BT Refs 1-9, 11, 13-18, 20-30, 34.
Thread Scenario	11L11 / Mudolo1 / D1 / Mudol / D1 (Kels 1-9, 11, 13-10, 20-30, 34.
Scenario	Satisfactory maintenance, content and usage of the Audit Trail.
Description	<ol> <li>BPS customers and payments</li> <li>Stopped Payments</li> <li>Encashed payments</li> <li>Recalls and reissues following NPO change</li> <li>Despatched card batches</li> <li>[Despatched Temporary Token batch purging (NR2+)]</li> <li>Temporary Token operations</li> <li>Removing unwanted notes</li> <li>PCHL operation</li> </ol>

ICLAuditRef.: CR/ACS/on Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

10  11. Table level audit monitoring changes  12  13. Stopped card damage reorder control  14. Reissued card damaged reorder control  15. Overdue payment stops  16. Exception tables purging  17. Contingency payments  18. "4o/14" type exceptions  19  20. Duplicate payment stops  21. Cardholder amendments  22. CAS log files  23. OBCS stops and recalls  24. OBCS book handling and encashment  25. Operational checks using Discoverer  26. Restoration of operational data from non-audit archive  27. Audit Archive checked from Audit Workstation  28. Audit Archive file successfully re-gathered  29. Audit Archive file successfully deleted  30. Audit Archive file retrieval  31  32  33  34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
12  13. Stopped card damage reorder control  14. Reissued card damaged reorder control  15. Overdue payment stops  16. Exception tables purging  17. Contingency payments  18. "40/14" type exceptions  19  20. Duplicate payment stops  21. Cardholder amendments  22. CAS log files  23. OBCS stops and recalls  24. OBCS book handling and encashment  25. Operational checks using Discoverer  26. Restoration of operational data from non-audit archive  27. Audit Archive checked from Audit Workstation  28. Audit Archive - file successfully re-gathered  29. Audit Archive file successfully deleted  30. Audit Archive file retrieval  31  32  33  34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
13. Stopped card damage reorder control 14. Reissued card damaged reorder control 15. Overdue payment stops 16. Exception tables purging 17. Contingency payments 18. "4o/14" type exceptions 19 20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive - file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
14. Reissued card damaged reorder control 15. Overdue payment stops 16. Exception tables purging 17. Contingency payments 18. "40/14" type exceptions 19 20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive - file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
15. Overdue payment stops 16. Exception tables purging 17. Contingency payments 18. "40/14" type exceptions 19 20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
16. Exception tables purging 17. Contingency payments 18. "40/14" type exceptions 19 20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive - file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
17. Contingency payments 18. "4o/14" type exceptions 19 20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive - file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
18. "4o/14" type exceptions 19 20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
19 20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
20. Duplicate payment stops 21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		18. "40/14" type exceptions
21. Cardholder amendments 22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		19
22. CAS log files 23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
23. OBCS stops and recalls 24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
24. OBCS book handling and encashment 25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31. – 32. – 33. – 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		22. CAS log files
25. Operational checks using Discoverer 26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31. – 32. – 33. – 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		
26. Restoration of operational data from non-audit archive 27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]		24. OBCS book handling and encashment
27. Audit Archive checked from Audit Workstation 28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31. – 32. – 33. – 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		25. Operational checks using Discoverer
28. Audit Archive – file successfully re-gathered 29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31. – 32. – 33. – 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		
29. Audit Archive file successfully deleted 30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		27. Audit Archive checked from Audit Workstation
30. Audit Archive file retrieval 31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		28. Audit Archive – file successfully re-gathered
31 32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		29. Audit Archive file successfully deleted
32 33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		30. Audit Archive file retrieval
33 34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		31
34. Legato 18 month DLT handling  [DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		32
[DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		33
[DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		34. Legato 18 month DLT handling
is 18 months or six years is in dispute and has been referred to the CNT for resolution.]  Function Run		
the CNT for resolution.] Function Run		[DN: Whether the retention period for the operational audit trail
Function Run		
		the CNT for resolution.]
Entry	Function Run	
	Entry	

ICL Audit
Pathway Acceptance Specification

Ref.: CR/ACS/011 Version: 2.0 Date: 13/11/98

## 5.1.2 Description of tests conducted by Acceptance Review

The table below shows which Acceptance criteria are to be met by Acceptance Review. Acceptance Tests will use the versions of any relevant documents (as referenced from section 0.2) contained in the approved version of the Acceptance Specification.

Requirement Id	697
Criterion	1-6
Derivation	Requirement
Criterion Description	1. The CONTRACTOR and his sub-contractors shall keep or cause to be kept Records (including financial records) of all Services, covering materials and Services provided, timesheet records, contracts let to sub-contractors and Charges levied to the AUTHORITIES. These Records shall not be more detailed than those held by the CONTRACTOR for its own audit purposes.
	2. The CONTRACTOR shall permit the AUTHORITIES or AUTHORITIES' representatives (including those bodies listed in paragraph 2.1 of Schedule Ao3 of the AUTHORITIES' Agreement) unrestricted access to the Records for the purpose of auditing and reporting on the performance, including charging and accounting aspects, of the Services.
	3. DSS shall have the right of access to inspect the DSS Services and POCL shall have the right of access to inspect the POCL Services. The AUTHORITIES may appoint an independent auditor to examine areas that are mutually commercially sensitive.
	4. Such access shall be provided on request and shall include access to premises, facilities, Services, documentation, information (magnetic or otherwise), staff, procedures, timesheets and other data used directly as a basis for charging belonging to the CONTRACTOR which relate to the provision of the Services.

ICLAuditRef.: CR/ACS/o11<br/>Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

p	
	<ol> <li>The CONTRACTOR shall implement audit recommendations in accordance with provisions of the change control procedures.</li> </ol>
	6. The CONTRACTOR shall provide within reasonable timescales either documentary or demonstrable evidence of such changes and shall if required provide access to the AUTHORITIES' representatives to monitor and confirm the implementation of such changes.
Test Condition	A satisfactory Commercial Audit Procedure is in operation.
Method	<ol> <li>Document inspection, sample site visits, review meeting</li> <li>Document inspection</li> <li>Document inspection</li> </ol>
References	(16)
Phase	Technical Test/Live Trial

Date: 13/11/98

Version: 2.0

ICL Audit
Pathway Acceptance Specification

Requirement Id	699
Criterion	3-5
Derivation	Requirement
Criterion Description	The information recorded shall be sufficient to identify the action, by whom it was undertaken, when it was undertaken, why it was undertaken, where it was undertaken and the resulting outcome.
	The audit trail shall allow activities that utilise more than one of the Services to be traced across the Services from start to finish, or from an intermediate Service in any direction, with certainty.
	The audit trail shall provide information to allow the original Transaction to be recreated.
Test Condition	Satisfactory maintenance, content and usage of the Audit Trail.
Method	Inspection of live trial operation of the Services to establish satisfactory provision of the specified areas of functionality.
	The live trial operation inspection will also include the
D 6	Reconciliation Exceptions Database.
References	(15)(18)
Phase	Operational Trial

ICLAuditRef.: CR/ACS/011<br/>Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

Requirement Id	699
Criterion	6
Derivation	Requirement
Criterion Description	The content of the audit trail shall be agreed with the AUTHORITIES by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement.
Test Condition	Agreement to referenced documents
Method	Document inspection
References	(15)(18)
Phase	Live Trial

ICLAuditRef.: CR/ACS/011PathwayAcceptance SpecificationVersion: 2.0Date: 13/11/98

Requirement Id	699
Criterion	7
Derivation	Requirement
Criterion Description	Subject to Clause 801 of the Related Agreements, audit trail records shall be retained for a period consistent with Companies Act requirements, or for a period of eighteen (18) months, whichever is longer.
	[DN: The operational Audit Trail is to be retained for not less than 18 months.]
	[DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]
Test Condition	Statement of obligation
Method	Document inspection for explicit obligation
References	(15)(18)
Phase	Live trial

ICLAuditRef.: CR/ACS/01PathwayAcceptance SpecificationVersion: 2.0Date: 13/11/98

Requirement Id	699
Criterion	8,11
Derivation	Requirement
Criterion Description	The audit trail shall be available for inspection by the AUTHORITIES or their representatives as listed in paragraph 2.1 of Schedule Ao3 of the AUTHORITIES' Agreement.  The audit trail shall comply with Requirement 829.  [DN: Requirement 829 specifies evidential admissibility.]
Test Condition	A satisfactory Operational Audit Procedure is in operation and has been exercised by means of sample site visit.
Method	Document inspection.
References	(17)
Phase	Operational Trial

ICLAuditRef.: CR/ACS/01PathwayAcceptance SpecificationVersion: 2.0Date: 13/11/98

Requirement Id	699
Criterion	12.
Derivation	
Criterion Description	Technological changes to the Services or the Service Infrastructure shall not render the audit trail unusable.  [Note: this criterion is not scheduled for formal test.]
Test Condition	Statement of obligation
Method	Inspection for explicit obligation in functional specification.
References	(15)
Phase	Operational trial

Date: 13/11/98

Version: 2.0

ICL Audit
Pathway Acceptance Specification

Requirement Id	816				
Criterion	1,2 (POCL only)				
Derivation	Requirement				
Criterion Description	A complete set of Outlet Records, for a rolling period of 18 months, shall be maintained as available for retrieval and review (but not amendment).				
	[DN: The test to show that it is not possible to amend a set of outlet records is included in the Acceptance Trials Section.]				
	On retrieval all Records shall be packaged in weekly batches as a complete POCL Outlet Accounting Period cycle.				
	[DN: There is an outstanding interpretation here as to the intended meaning of week. Note that the Solution specified "Information will be retrieved as complete set of records for the specified outlet account period."]				
	[DN: Whether the retention period for the operational audit trail is 18 months or six years is in dispute and has been referred to the CNT for resolution.]				
Test Condition	Satisfactory operation of retrieval and review facility.				
Method	Inspection of usage of facility to retrieve and review outlet				
	records.				
References	None				
Phase	Technical Test				

Date: 13/11/98

Version: 2.0

ICL Audit
Pathway Acceptance Specification

Requirement Id	942				
Criterion	1,2 (DSS only)				
Derivation	Requirement				
Criterion Description	1. DSS shall have access to the audit information captured as part of the audit trail functional requirement. The nature and form of the access shall be defined by the CONTRACTOR subject to the agreement of DSS by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities. Agreement but is likely to be needed to support some or all of the following:				
	a) fraud detection and prevention;				
	b) security violation investigation;				
	c) probity assurance;				
	d) failure investigation;				
	e) Service and contractual disputes;				
	f) criminal investigations;				
	g) information to support policy development, policy monitoring, parliamentary and Ministerial questions etc.				
	2. The CONTRACTOR shall provide a detailed functional specification for approval by DSS prior to implementing any such Services.				

© 1998 ICL Pathway Ltd **COMMERCIAL IN CONFIDENCE** Printed on: [ DATE \\* MERGEFORMAT ]

A satisfactory Operational Audit procedure is in

2. A detailed functional specification has been provided

### CONTRACT CONTROLLED

Sample access during Live Trial

operation

(17) (15)

Live Trial

Document inspections

Test Condition

Method

Phase

References

ICLAuditRef.: Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

**Operational Trial** 

Date: 13/11/98

Version: 2.0

# ICL Audit Pathway Acceptance Specification

Requirement Id	942				
Criterion	4,5 (DSS only)				
Derivation	Requirement				
Criterion Description	4. The CONTRACTOR shall ensure that the contents of the audit trail are accurate and that suitable legal assurances can be given as to the integrity of the auditrail				
	[Interpreted as evidential admissibility in accordance with Requirement 829].				
	5. The CONTRACTOR shall ensure that the total or a filtered subset of the audit trail is delivered to a limited number of central DSS services for further processing. The delivery shall include any technical transformation and/or reformatting that is required to ensure the audit trail is understandable by the receiving services.				
	[DN: Horizon provides generic facilities for Oracle based Host applications to generate audit data. These are defined in (19) and provide for the self description of files at the file level described in (15) Section 1.2.8.1).]				
Test Condition	A satisfactory Operational Audit Procedure is in operation The description of the native host file formats is satisfactory				
Method	Sample usage and sample assurance Sample delivery				
References	(17)(19)				
Phase	Live Trial Live Trial				

ICLAuditRef.: CR/ACS/011PathwayAcceptance SpecificationVersion: 2.0Date: 13/11/98

## 5.2 CRITERIA FOR LATER ACCEPTANCE

No Acceptance Criteria are for Acceptance at a later level of specification.

## 5.3 CRITERIA SUMMARY

Req ID	Criterion	Trial	Review	Later Acceptance
699	1,2,10	✓		*
699	9	✓		
816	1	✓		*
921	5	✓		
942	3	✓		*
942	6-11	✓		*
697	1-6		✓	
699	3-5	✓	✓	
699	6		✓	
699	7		✓	
699	8-11	✓	✓	
699	12		No test	
816	1,2		✓	
942	1,2		✓	
942	4,5		✓	

<sup>\*</sup> The Despatched Temporary Token batch purging function is for introduction at NR<sub>2+</sub>.

ICL Audit
Pathway Acceptance Specification

Ref.: CR/ACS/011 Version: 2.0 Date: 13/11/98

### 6. ACCEPTANCE INCIDENT SEVERITY

This section identifies the guidelines to be applied during the analysis of Acceptance Incidents, in order to establish the severity of such Acceptance Incidents.

### 6.1 HIGH SEVERITY INCIDENTS

Failure to meet an Acceptance Criterion which would have a substantive impact on the service received by the Customer, e.g. failure to pay benefits to the right person, at the right place, at the right time.

Failure to meet an Acceptance Criterion which would have a major impact on the ability of the AUTHORITY or AUTHORITIES to perform their business, or where there was a major impact on the resources of the AUTHORITY or AUTHORITIES necessary to overcome that impact on their business, e.g. failure to support accurate POCL accounting.

Failure to meet an Acceptance Criterion which would impact the security of the service where there is no acceptable procedural workaround.

Consistent failure to meet Minimum Acceptable Thresholds for Service Levels, e.g. where particular transactions do not meet the minimum Acceptable Threshold under normal loading.

### 6.2 MEDIUM SEVERITY INCIDENTS

Failure to meet an Acceptance Criterion which is visible to the Customer and is likely to give rise to an adverse public perception of the service, but does not substantively impact the service received by the Customer, e.g. incorrect spelling on a receipt.

Failure to meet an Acceptance Criterion which would have a medium impact on the ability of the AUTHORITY or AUTHORITIES to perform their business, or where there was a medium impact on the resources of the AUTHORITY or AUTHORITIES necessary to overcome that impact on their business, e.g. non-production of a weekly report, resulting in its manual transcription, which causes additional resource or effort at every outlet of the average duration of one hour per week per outlet.

Occasional failure to meet Minimum Acceptable Thresholds for Service Levels, e.g. at peak loading, some transactions fail to meet Minimum Acceptable Thresholds, but on average all transactions within the service do achieve Minimum Acceptable Thresholds.

ICL Ref.: CR/ACS/on Version: 2.0

Pathway Acceptance Specification Date: 13/11/98

## 6.3 LOW SEVERITY INCIDENTS

Failure to meet an Acceptance Criterion that is neither visible to nor has substantive impact on the service received by the Customer e.g. presentational, style and other cosmetic faults that are only visible to the user.

Failure to meet an Acceptance Criterion which would have a minor impact on the ability of the AUTHORITY or AUTHORITIES to perform their business, or where there was a minor impact on the resources of the AUTHORITY or AUTHORITIES necessary to overcome that impact on their business, e.g. non-production of a weekly report, resulting in its manual transcription, which causes additional resource or effort at ten or fewer outlets of the average duration of one hour per week per outlet.

Failure to meet an Acceptance Criterion which would impact the security of the service but where the workaround is as secure as the original solution (i.e. the only impact on risk is in ensuring that the workaround is performed, but where procedures have been agreed and are in place).

ICLAuditRef.: Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

## 7. TEST DATA

Test data including any operator entered scripts that are required to run the Acceptance Test are defined below.

Business Test Thread: Audoi, VI/TSC/128 High Level Test Plan(s): Audoioi, VI/TSC/129

**Organisation:** Pathway T&I

These references will be replaced with BIT HLTP references as these tests are in course transfer to the BIT environment.

ICL Audit
Pathway Acceptance Specification

Ref.: CR/ACS/011 Version: 2.0 Date: 13/11/98

### 8. AUTHORITY RESPONSIBILITIES

This section describes the AUTHORITY's or AUTHORITIES' Responsibilities in relation to this Acceptance Test. Particular Acceptance Tests may also require additional participation and responsibility by the AUTHORITY or AUTHORITIES.

### 8.1 APPOINT TEST MANAGER

The AUTHORITY or AUTHORITIES shall nominate a Test Manager and other representatives to review the tests prior to commencement of the test.

### 8.2 ACCEPTANCE INCIDENT REPORTS

The nominated representatives and Test Manager shall be diligent in raising complete, accurate and timely Acceptance Incident Reports as set out within this Acceptance Specification.

### 8.3 ACCEPTANCE INCIDENT ANALYSIS REPORTS

The Test Manager shall be diligent in returning signed Acceptance Incident Analysis Reports with their decision (e.g. Accept, Reject, Discuss) normally within five working days, or when urgency is requested by Pathway, within two working days of receipt from Pathway. A copy of all correspondence will be faxed to reduce delay.

### 8.4 ATTENDANCE AT TRIALS AND REVIEWS

The nominated representatives shall at their discretion attend Acceptance Test Trials and Reviews including repeat Tests at reasonable times and reasonable locations and with reasonable advance notice by Pathway.

### 8.5 MANAGEMENT AND CO-ORDINATION

The Test Manager shall be the single point of communication and co-ordination with Pathway's nominated Test Manager for all matters concerning this Acceptance Test from its initial planning through to Acceptance.

### 8.6 PROGRESS REVIEWS

Unless otherwise waived by both parties, Pathway's Test Manager and the AUTHORITY's or AUTHORITIES' Test Manager shall meet each week to review the progress and actions of both parties until Acceptance of the Acceptance Test is achieved. The time and location of review meetings will be scheduled with at least two week's advance notice by Pathway.

ICLAuditRef.: Version: 2.0PathwayAcceptance SpecificationDate: 13/11/98

## 9. CONTRACTOR RESPONSIBILITIES

The Contractor shall nominate a Test Manager for each Test who shall be the single point of communication and co-ordination with the AUTHORITY's or AUTHORITIES' Test Manager for all matters concerning this Acceptance Test from its initial planning through to Acceptance.

Upon receipt of a signed Acceptance Incident Analysis Report from the AUTHORITY or AUTHORITIES, where correction is required to be re-tested within the same phase of Acceptance Test, the Contractor will return the amended component(s), on average, within 4 days. This will include re-testing necessary as per the agreed test strategies.

Audit Acceptance Specification Version: 1.3 Pathway Date: 2/9/98

#### ACCEPTANCE TRIAL TEST CONDITIONS 10.

Not completed at this revision, the BT and HLTP documents were provided previously and are in course of transfer to the BIT environment.

© 1998 ICL Pathway Ltd MERGEFORMAT ]