

ICL PATHWAY CHANGE CONTROL NOTE (CCN) - SHEET 1		CCN NO: 633b	
CCN TITLE: Introduce Satellite Communications Access Method		CHANGE ADMINISTRATION USE ONLY. CR NO: N/A CP NO: 2517	
IMPLEMENTATION DATE OR RELEASE: During CSR+		EXPIRY DATE: 24 th July 2000	
CCN RAISED BY: J C C Dicks		DATE: 3 rd July 2000	
EMERGENCY IMPLEMENTATION DATE: N/A			
SUBMISSION DATE: 3 rd July 2000			
APPROVALS REQUIRED:			
PATHWAY APPROVAL	DATE	POCL APPROVAL	DATE
EXECUTIVE SUMMARY OF IMPACT ASSESSMENTS: This CCN is to introduce ISBN (Integrated Satellite Business Network) communications access method, known generally as VSAT, as the preferred method of connection when an ISDN service cannot be installed.			
OVERALL IMPACT ASSESSMENT: HIGH / MEDIUM /LOW			
REASON FOR CHANGE: In certain locations an ISDN service is not available. At the date of this CCN it is anticipated that up to 350 outlets will require an alternative form of communications access. Hitherto the intention has been to use Frame Relay connection for such outlets. However, some of these non-ISDN outlets may also not be capable of Frame Relay connection. The VSAT method is introduced to provide an alternative approach to handle non-ISDN cases, providing a comparable service with respect to reliability, resilience, security and performance.			
DETAILS OF CHANGE: This CCN introduces the VSAT communications access method to the Codified Agreement. This is achieved by introducing a summary change to para. 3.2.1 of Schedule G01 and detailed changes to Schedule A16. Equivalent changes are necessary in G01, para 5.3.5.1, G06, para 4.5 and minor changes are required to various CCDs (SFS, Counter Hardware Design, SADD, Counter Installation and Survey Requirements), for which proposed revisions are attached.			
PROPOSED REVISION TO WORDING OF CODIFIED AGREEMENT: Schedule G01 , para 3.2.1, insert after first sentence: "This interworking shall use one of the following communications access methods: <input type="checkbox"/> Integrated Services Digital Network (ISDN) <input type="checkbox"/> Integrated Satellite Business Network (ISBN), generally referred to as VSAT (Very Small Aperture Terminal) <input type="checkbox"/> Frame Relay" Ditto para 5.3.5.1 Schedule G06 , Section 4.5, replace: "BT ISDN or Frame Relay lines installation may be carried out separately and with prior notification to Regional Liaison Manager and/or Outlet Manager (approval not required for ISDN or Frame Relay installation provided that it is carried out during the normal working hours of the relevant outlet). With: ISDN, VSAT or Frame Relay lines installation may be carried out separately and with prior notification to Regional Liaison Manager and/or Outlet Manager (approval not required for ISDN, VSAT or Frame Relay installation provided that it is carried out during the normal working hours of the relevant outlet).			

Application of changes to Schedule A16:

Reference No 467

Replace:

“Each post office configuration is linked to TMS using an ISDN or Frame Relay Wide Area Network connection.”

With:

“Each post office configuration is linked to TMS using an ISDN, VSAT or Frame Relay Wide Area Network connection.”

Reference No 478

Replace:

“The Pathway solution for TMS will link into each instance of OPS that is to be used for production work using an ISDN or Frame Relay Wide Area Network connection.”

With:

“The Pathway solution for TMS will link into each instance of OPS that is to be used for production work using an ISDN, VSAT or Frame Relay Wide Area Network connection.”

Reference No 479

Replace:

“The Pathway solution for TMS is based on a network of servers which connect to the Pathway OPS equipment in each post office using an ISDN or Frame Relay Wide Area Network connection.”

With:

“The Pathway solution for TMS is based on a network of servers which connect to the Pathway OPS equipment in each post office using an ISDN, VSAT or Frame Relay Wide Area Network connection.”

Replace:

“The Pathway solution for linking TMS to OPS uses ISDN or Frame Relay Wide Area connection.”

With:

The Pathway solution for linking TMS to OPS uses ISDN, VSAT or Frame Relay Wide Area Network connection.

Reference No 517

Replace:

“BT ISDN or Frame Relay lines installation may be carried out separately and with prior notification to the Horizon Implementation Manager and / or Outlet Manager (approval not required for ISDN or Frame Relay installation provided that it is carried out during the normal working hours of the relevant office).”

With:

“ISDN, VSAT or Frame Relay lines installation may be carried out separately and with prior notification to the Horizon Implementation Manager and / or Outlet Manager (approval not required for ISDN, VSAT or Frame Relay installation provided that it is carried out during the normal working hours of the relevant office).”

ACCEPTANCE / IMPLEMENTATION TIMETABLE: Hardware acceptance takes place on outlet installation. Implementation will be during the period October 2000 to February 2001.

PA/TEM/007, Version 3.0, Sheet 1

ICL PATHWAY CHANGE CONTROL NOTE (CCN) SHEET 2		CCN NO: 633b
CCN TITLE: Introduce Satellite Communications Access Method		
COSTS TO POCL: <i>(Including non-recurring charges and new or amended charges)</i>		
Task	Man-days	£
Design & Development Activities:		
Testing Activities:		
Sub-total		
20% Contingency		
TOTAL: None		
IMPACT SUMMARY <i>Impacts on Related Agreements and Services</i>		
Payment Plan/Terms of Payment: N/A		
Documentation:		
Codified Agreement Schedules Affected:		
BP/CON/226 – Schedule G01 – POCL Infra Service Definition		
BP/CON/231 – Schedule G06 – POCL Infrastructure Roll-out & Implementation		
BP/CON/195 – Schedule A16 - Solutions Catalogue		
New Contract Controlled & Referenced Documents: N/A		
Documents Quality Reviewed: YES/NO		
Reference	Title	Version & Date
N/A	N/A	N/A
Reason for Document Update: N/A		
Affected Contract Controlled/Referenced Documents:		
Reference	Title	Version & Date
BP/DES/003	Counter Hardware Design Specification	V7.0 (12/7/99)
CR/FSP/004	Service Architecture Design Document	V4.0 (30/9/97)
IM/STR/026	Installation Strategy	V1.0 (2/12/98)
RS/FSP/001	Security Functional Specification	V4.2 (11/1/00)
IM/REQ/005	Survey Requirements Specification	V4.0 (3/12/98)
Other Affected Documents <i>(for information only)</i> :		
Reference	Title	Version & Date
BP/REQ/006	Horizon System User Guide	V1.0 (1/5/98)
CS/PRO/090	CSR+ Access Control & User Administration PPD	V1.0 (11/2/00)
CS/PRO/097	CSR+ Operating Environment PPD	V1.0 (17/2/00)
IM/REQ/030	Site Preparation Requirements	V1.0 (3/12/98)
IM/REQ/038	Site Resurvey & Modification Requirements	V1.0 (3/12/98)
Deliverables: Counter configurations using VSAT require the use of an Ethernet connection, with the gateway PC connecting via a separate Ethernet card to a Personal Earth Station (PES), which comprises an Outdoor Unit (ODU) 0.98 metre antenna and a Digital Indoor Unit (DIU) baseband signal converter. Software modifications to address the revised hardware are as per Frame Relay solution.		

Personnel: The installation operates without outlet staff intervention.
Existing Timetable: Installations of satellite communications will be undertaken from October 2000 to February 2001.
Implementation Plans: Minor. Planning permission to erect the antenna is not normally required. Surveys and site preparation will take account of accommodating the PES and connection to the gateway PC.
Security: The method uses VSAT standard secure transmission and encrypted VPN tunnels.
Risk: Low. This is a standard product line service. The software development is the same as that already completed for the Frame Relay access method.
System Support: Failure of the PES or associated outlet equipment requires a site visit. A switch from primary to backup satellite usage, should one occur, may require a site visit, depending on the method used to access the backup satellite (see below).
System Management: Failure of the ground station is handled by switchover to a backup. Failure of the transponder is handled by using spare routes. Failure of the whole satellite is handled by switchover to a backup satellite initiated by the service provider. Reconnection of outlets to the backup satellite will be provided by the service provider. Two methods of reconnection will be provided. Either or both of the following alternative methods of reconnection will be provided. ICL Pathway, its network provider and the VSAT service provider will select the method in the light of circumstances prevailing at the time of any failure. (a) by repositioning a backup satellite to occupy an equivalent position to that of the failed satellite, within three days starting on the day following failure, or (b) by re-aligning and re-re-tuning the PES equipment to the backup satellite, at the rate of 100 outlets/day, starting on the day following failure, and with priority given to busiest offices.
Standards: N/A.
Accommodation/Location: N/A
Charging Mechanism: Where cost estimates are included, these are quoted as a mid-point estimate of the work to be carried out by ICL Pathway. The eventual charge will be made on an 'actuals' Time and Materials basis using the same man-rates. A 20% contingency has been included in the CCN to allow for reasonable variation around the mid-point estimate. The estimate is set so that the ICL eventual charge is as likely to be lower as higher than the estimate excluding contingency. The contingency is included to provide allowable headroom for invoicing purposes against a purchase order. Above this level, ICL Pathway would have to apply for additional approval via a new CCN.
Service Delivery Criteria: N/A
Service Levels: Satellite service availability is estimated at not less than 99.85%. Mean time for outlet reconnection in the event of a complete satellite failure depends upon the final number of VSAT connections but is anticipated to be less than four days regardless of method.
POCL Responsibilities: N/A
Contractual Issues: N/A
Other: This CCN replaces that already submitted CCN633a.

PA/TEM/007, Version 3.0, Sheet 2

CHANGE CONTROL NOTE

ID: PWY_CCN_633 CCN:0633b Create Date: 10-APR-2000 11:54:50
Status: APPROVED Originator: Lisa Morcom (Change Management)

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Title:

Introduce Satellite Communications Access Method

Main Description:

Related Parts

0	PWY:CCN.A;1 (CHANGE_MANAGEMENT) Change Control Notes	Lisa Morcom (Change Management)
2	PWY:BP-DES.A;1 (LIBRARY) Design specification	Lisa Morcom (Change Management)
2	PWY:CS-PRO.A;1 (LIBRARY) Procedure	Lisa Morcom (Change Management)
2	PWY:CC_IMPLEMENTATION_DOCS.A;1 (MANAGEMENT) Implementation and Training Documents	Lisa Morcom (Change Management)
2	PWY:CC_ARCHITECTURE_DOCS.A;1 (MANAGEMENT) Architecture Documents	Lisa Morcom (Change Management)
4	PWY:IM-REQ.A;1 (LIBRARY) Requirement	Lisa Morcom (Change Management)
4	PWY:BP-REQ.A;1 (LIBRARY) Requirement	Lisa Morcom (Change Management)

Related Items

Affected

2	PWY:BP/DES/003.A-CONTRINT;7.0 (Affected) (BPDES003.doc) COUNTER HARDWARE DESIGN SPECIFICATION (NB-CCD)	Lisa Morcom (Change Management)
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Affected

2	PWY:CR/FSP/004.A-CONTRINT;4.0 (Affected) (CRFSP004.zip) SERVICE ARCHITECTURE DESIGN DOCUMENT (NB-CCD)	Lisa Morcom (Change Management)
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Affected

4	PWY:IM/REQ/005.A-INTDOC;4.0 (Affected) (IMREQ005.doc) HORIZON COUNTER INFRA STRUCTURE ROLLOUT SURVEY REQUIREMENT SPECIFICATION	Lisa Morcom (Change Management)
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Affected

4	PWY:BP/REQ/006.A-EXTDOC;1.0 (Affected) (BPREQ006.doc) HORIZON SYSTEM USER GUIDE FOR NEW RELEASE 2	Lisa Morcom (Change Management)
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Affected

4 PWY:CS/PRO/090.A-INTDOC;1.0 (Affected) Lisa Morcom (Change Management)
(CSPRO090.doc)
CSR+ ACCESS CONTROL AND USER ADMINISTRATION PPD

Affected

4 PWY:CS/PRO/097.A-INTDOC;1.0 (Affected) Lisa Morcom (Change Management)
(CSPRO097.zip)
CSR+ OPERATING ENVIRONMENT PPD

Affected

4 PWY:IM/REQ/030.A-INTDOC;1.0 (Affected) Lisa Morcom (Change Management)
(IMREQ030.doc)
SITE PREPARATION REQUIREMENT

Affected

4 PWY:IM/REQ/038.A-INTDOC;1.0 (Affected) Lisa Morcom (Change Management)
(IMREQ038.doc)
SITE RESURVEY AND MODIFICATION REQUIREMENTS

Info

7 PWY:CCN_0633_2.A-CDATTACH;1 (Info) Lisa Morcom (Change Management)
(CCN_00633_2.doc)
CCN 00633 ATTACHMENT 2

Info

9 PWY:CCN_0633_1.A-CDATTACH;1 (Info) Lisa Morcom (Change Management)
(CCN_00633_1.doc)
CCN 00633 ATTACHMENT 1

Info

9 PWY:CCN_0633A_1.A-CDATTACH;1 (Info) Lisa Morcom (Change Management)
(CCN_00633a_1.doc)
CCN 00633a ATTACHMENT 1

Info

12 PWY:CCN_0633B_1.A-CDATTACH;1 (Info) Lisa Morcom (Change Management)
(CCN_00633b_1.doc)
CCN 00633b ATTACHMENT 1

Related Child Change Documents:

Related Parent Change Documents:

Dependent PWY_CP_2517 CLOSED Alison.Clarke (CLARKEA)
Introduction Of Satellite Connected Post Office Outlets

Action Messages

Action Number: 1 Date Apr 11 2000 14:36:58 By: Lisa Morcom (Change Management)
CCB DECISION (MTG NO 109): CCN ISSUES This CCN was presented for discussion only. J Dicks stated that the associated CP2517 was to be discussed at PCCB 13/4/00. T Oppenheim/J Flynn confirmed that some outlets cannot be serviced by Frame Relay and that K Baines had been advised of this. T Oppenheim stated that there is no contractual obligation to connect non ISDN single counter position offices and his belief that if offered it, POCL would accept the Satellite option for these offices. J Dicks stated that there were currently 470 single counter position non ISDN offices and J Flynn was actioned to confirm this. T Oppenheim stated that the CCN should reconfirm satellite offer for single counter position offices. Discussion surrounding the Business Continuity element of this change took place and that this should be included as a caveat within the CCN. T Oppenheim requested that the full service, implementation and technical implications of this change should be reviewed & a standalone outline plan produced by G Chatten for both satellite & mobile CCNs. T

Austin identified that this change could be included in Sept/Oct B&TC regression testing. L Burchell highlighted that a revised B&TC impact based on these dates was in progress. It was agreed that after CP presentation to PCCB 13/4, both CP/CCN be represented to CCB 17/4 for further update. Actions: 1. J Flynn to confirm no. of single counter position, non ISDN offices. 2. J Dicks to update CCN to reflect disaster recovery/business continuity element. 3. G Chatten to produce standalone outline plan for both satellite and mobile configurations. 4. CM to obtain revised B&TC impact and represent CP/CCN to CCB 17/4/00. 10.4.00

Action Number: 2 Date Apr 17 2000 09:53:43 By: Lisa Morcom (Change Management)
CHANGE CONTROL: Email received from John Dicks 14/4/00 as follows: psa revised CCN plus add-on document for satellite for CCB. The open issues are the handling of loss of satellite, SLAs, Training.

Action Number: 2 Date Apr 25 2000 09:42:40 By: Lisa Morcom (Change Management)
CHANGE CONTROL: Revised CCN633 received from J Dicks 20/4/00. Areas where impacts are not complete are shaded, with the exception of second sentence under "Implementation Plans" which is a new statement.

Action Number: 5 Date May 9 2000 10:56:42 By: Lisa Morcom (Change Management)
CHANGE CONTROL: Email received from Horizon 9/5/00 as follows: Lisa, I have spoken to our Horizon Business owner regarding CCN listed below. Bob Booth has requested evidence of the comparable nature of ISBN versus ISDN, Is there a document to support this request? Can you pass this onto the relevant person within Pathway.* CCN 633: Introduce Satellite Communications Access Method. I await your response. (CM this has been forwarded to J Dicks for a response).

Action Number: 6 Date May 24 2000 15:39:06 By: Lisa Morcom (Change Management)
CHANGE CONTROL: CCN633 withdrawn at the request of John Dicks 24/5/00 and email sent to Horizon as follows: For your information, ICL Pathway are formally withdrawing CCN633 - Introduce Satellite Communications Access Method. This is for the following reason: "ICL Pathway's supplier, Energis, has notified us that its operator has sought to vary the terms of their agreement and that it is in the course of selecting an alternative operator. ICL Pathway will provide a revised version of the CCN when the new operator is selected".

Action Number: 6 Date Jun 1 2000 13:17:44 By: Lisa Morcom (Change Management)
CCB MTG NO 115: CCN633 - There was some discussion surrounding the withdrawal of this CCN. CM undertook to confirm when this CCN had been withdrawn. It was agreed that a revised CCN must be submitted as a matter of urgency and J Pope took an action to review situation, review technical issues with D Tanner and highlight to M Coombs if contact with POCL was required prior to resubmission. It was also agreed that a letter should be issued to Horizon clarifying assumptions made in latest version of IPP and that until approval of this CCN received, these assumptions were liable to movement. J Flynn undertook this action. 30/5/00

Action Number: 8 Date Jun 1 2000 14:23:47 By: Lisa Morcom (Change Management)
CHANGE CONTROL: See attachment 2 in pves for comments on CCN received from Horizon 24/5/00. These have been forwarded to John Dicks and John Pope for action.

Action Number: 9 Date Jun 13 2000 14:25:34 By: Lisa Morcom (Change Management)
CHANGE CONTROL: Revised CCN633a received from Dave Hollingsworth 9/6/00 with note as follows: Please find attached the revised version of CCN 633, now identified as 633a. This takes account of the POCL comments received on 633 (from Bob Booth) and includes the changes resulting from decisions at the 8th June review with BT / Energis. The only additional information requirement I can think of is (possibly) for technical details of the PES to be included in the appropriate implementation document as some stage. Bob McD et al may need to check through any implications in this area. Since planning application is not normally required there should be very little change to existing survey requirements documentation. I have left formal issue till we have final confirmation from BT / Energis of the fallback arrangements after any switch to backup satellite since this is applicable to the stated rate of service restoration in the CCN. This is expected (I understand) at the start of next week. I am not clear if associated CP 2517 will be revised or a new CP raised (hopefully the former); I

have left existing reference to 2517 on this document. I shall be out of office till Thursday 15th, but JCCD will be back on Monday and can act as contact (sorry John, thought it might be done by now!). Rgds, Dave H

Action History

1	10-APR-2000 11:54:50 Lisa Morcom (Change Management)	
	MORCOML	CM
	Document created	
2	12-APR-2000 15:17:30 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from RAISED to CCN_ISSUES	
3	04-MAY-2000 13:09:44 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from CCN_ISSUES to COMMERCIAL_REVIEW	
4	04-MAY-2000 13:09:49 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from COMMERCIAL_REVIEW to READY_TO_SUBMIT	
5	04-MAY-2000 13:26:14 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from READY_TO_SUBMIT to SUBMITTED	
6	24-MAY-2000 15:38:24 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from SUBMITTED to WITHDRAWN	
7	01-JUN-2000 14:22:54 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from WITHDRAWN to RAISED	
8	01-JUN-2000 14:23:10 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from RAISED to WITHDRAWN	
9	13-JUN-2000 14:24:33 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from WITHDRAWN to RAISED	
10	19-JUN-2000 15:47:34 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from RAISED to COMMERCIAL_REVIEW	
11	27-JUN-2000 10:23:19 Sue Rutherford (Change Management)	
	RUTHERFS	CM
	Actioned document from COMMERCIAL_REVIEW to READY_TO_SUBMIT	
12	27-JUN-2000 10:23:22 Sue Rutherford (Change Management)	
	RUTHERFS	CM
	Actioned document from READY_TO_SUBMIT to SUBMITTED	
13	27-JUL-2000 18:59:54 Lisa Morcom (Change Management)	
	MORCOML	CM
	Actioned document from SUBMITTED to APPROVED	

Update History

0	10-APR-2000 11:54:50 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Design Part PWY:CCN.A;1	
1	11-APR-2000 14:36:58 Lisa Morcom (Change Management)	
	MORCOML	CM
	Added action description	
2	17-APR-2000 09:53:01 Lisa Morcom (Change Management)	
	MORCOML	CM
	Detailed description edited	
2	17-APR-2000 09:53:43 Lisa Morcom (Change Management)	
	MORCOML	CM

	Added action description	
2	17-APR-2000 09:55:56 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CCN_0633_1.A-CDATTACH;1 (Information)	
2	17-APR-2000 09:58:06 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:BP/DES/003.A-CONTRINT;7.0 (Affected)	
2	17-APR-2000 09:58:06 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Design Part PWY:BP-DES.A;1	
2	17-APR-2000 09:58:34 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CS/PRO/090.A-INTDOC;1.0 (Affected)	
2	17-APR-2000 09:58:34 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Design Part PWY:CS-PRO.A;1	
2	17-APR-2000 09:58:56 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:BP/TRN/001.A-CONTRINT;11.0 (Affected)	
2	17-APR-2000 09:58:56 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Design Part PWY:CC_IMPLEMENTATION_DOCS.A;1	
2	17-APR-2000 09:59:56 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Design Part PWY:CC_ARCHITECTURE_DOCS.A;1	
2	17-APR-2000 09:59:56 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CR/FSP/004.A-CONTRINT;4.0 (Affected)	
2	25-APR-2000 09:41:31 Lisa Morcom (Change Management)	
	MORCOML	CM
	Detailed description edited	
2	25-APR-2000 09:42:40 Lisa Morcom (Change Management)	
	MORCOML	CM
	Added action description	
2	28-APR-2000 16:08:33 Lisa Morcom (Change Management)	
	MORCOML	CM
	Detailed description edited	
2	04-MAY-2000 13:09:31 Lisa Morcom (Change Management)	
	MORCOML	CM
	Detailed description edited	
4	04-MAY-2000 13:11:56 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Design Part PWY:IM-REQ.A;1	
4	04-MAY-2000 13:11:56 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:IM/REQ/005.A-INTDOC;4.0 (Affected)	
4	04-MAY-2000 13:12:18 Lisa Morcom (Change Management)	
	MORCOML	CM
	Unrelated Item PWY:BP/TRN/001.A-CONTRINT;11.0	
4	04-MAY-2000 13:12:45 Lisa Morcom (Change Management)	
	MORCOML	CM
	Unrelated Item PWY:CS/PRO/090.A-INTDOC;1.0	
4	04-MAY-2000 13:13:25 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:BP/REQ/006.A-EXTDOC;1.0 (Information)	
4	04-MAY-2000 13:14:01 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CS/PRO/090.A-INTDOC;1.0 (Information)	
4	04-MAY-2000 13:15:13 Lisa Morcom (Change Management)	
	MORCOML	CM

	Unrelated Item PWY:BP/REQ/006.A-EXTDOC;1.0	
4	04-MAY-2000 13:15:13 Lisa Morcom (Change Management)	
	MORCOML	CM
	Unrelated Item PWY:CS/PRO/090.A-INTDOC;1.0	
4	04-MAY-2000 13:15:36 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:BP/REQ/006.A-EXTDOC;1.0 (Affected)	
4	04-MAY-2000 13:15:36 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Design Part PWY:BP-REQ.A;1	
4	04-MAY-2000 13:16:00 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CS/PRO/090.A-INTDOC;1.0 (Affected)	
4	04-MAY-2000 13:16:24 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CS/PRO/097.A-INTDOC;1.0 (Affected)	
4	04-MAY-2000 13:16:47 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:IM/REQ/030.A-INTDOC;1.0 (Affected)	
4	04-MAY-2000 13:17:10 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:IM/REQ/038.A-INTDOC;1.0 (Affected)	
4	04-MAY-2000 13:23:09 Lisa Morcom (Change Management)	
	MORCOML	CM
	Item PWY:CCN_0633_1.A-CDATTACH;1 has been deleted	
4	04-MAY-2000 13:26:11 Lisa Morcom (Change Management)	
	MORCOML	CM
	Request attribute(s) updated	
5	09-MAY-2000 10:56:42 Lisa Morcom (Change Management)	
	MORCOML	CM
	Added action description	
6	24-MAY-2000 15:39:06 Lisa Morcom (Change Management)	
	MORCOML	CM
	Added action description	
6	01-JUN-2000 13:17:44 Lisa Morcom (Change Management)	
	MORCOML	CM
	Added action description	
7	01-JUN-2000 14:23:00 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CCN_0633_2.A-CDATTACH;1 (Information)	
8	01-JUN-2000 14:23:47 Lisa Morcom (Change Management)	
	MORCOML	CM
	Added action description	
9	13-JUN-2000 14:24:49 Lisa Morcom (Change Management)	
	MORCOML	CM
	Detailed description edited	
9	13-JUN-2000 14:25:34 Lisa Morcom (Change Management)	
	MORCOML	CM
	Added action description	
9	19-JUN-2000 15:37:38 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CCN_0633_1.A-CDATTACH;1 (Information)	
9	19-JUN-2000 15:44:07 Lisa Morcom (Change Management)	
	MORCOML	CM
	Detailed description edited	
9	19-JUN-2000 15:45:54 Lisa Morcom (Change Management)	
	MORCOML	CM
	Request attribute(s) updated	
9	19-JUN-2000 15:47:24 Lisa Morcom (Change Management)	
	MORCOML	CM

	Related Item PWY:CCN_0633A_1.A-CDATTACH;1 (Information)	
10	27-JUN-2000 10:02:03 Sue Rutherford (Change Management)	
	RUTHERFS	CM
	Detailed description edited	
12	27-JUN-2000 11:45:07 Sue Rutherford (Change Management)	
	RUTHERFS	CM
	Detailed description edited	
12	03-JUL-2000 16:47:58 Sue Rutherford (Change Management)	
	RUTHERFS	CM
	Detailed description edited	
12	27-JUL-2000 16:23:20 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CCN_0633B_1.A-CDATTACH;1 (Information)	
12	27-JUL-2000 16:46:10 Lisa Morcom (Change Management)	
	MORCOML	CM
	Item PWY:CCN_0633B_1.A-CDATTACH;1 has been deleted	
12	27-JUL-2000 16:47:26 Lisa Morcom (Change Management)	
	MORCOML	CM
	Related Item PWY:CCN_0633B_1.A-CDATTACH;1 (Information)	
13	27-JUL-2000 19:01:15 Lisa Morcom (Change Management)	
	MORCOML	CM
	Request attribute(s) updated	
13	02-OCT-2000 15:47:19 PCMS - CM Dept.	
	PCMS	SCM
	Request attribute(s) updated	
13	04-OCT-2000 11:40:53 PCMS - CM Dept.	
	PCMS	SCM
	Request attribute(s) updated	
13	04-OCT-2000 12:19:55 PCMS - CM Dept.	
	PCMS	SCM
	Request attribute(s) updated	
13	04-OCT-2000 12:55:33 PCMS - CM Dept.	
	PCMS	SCM
	Request attribute(s) updated	

Archived Attribute Information

----- END OF CHANGE CONTROL NOTE PWY_CCN_633 -----