C53218: 108 BR7 R5.0-RCD352-Offence Start Date mismatch

Type	Priority	Estimate	Milestone
Functionality	1 - High Priority	None	None

References	Automation Type
BICHARD-4396, BICHARD-4397, BICHARD-4394, BICHARD-4395, BICHARD-4400, BICHARD-4411, BICHARD-4412, BICHARD-4398, BICHARD-4402, BICHARD-4469, BICHARD-4406, BICHARD-4407	None

Test Case Description

Test Procedure ID : 108 BR7 R5.0-RCD352-Offence Start Date mismatch

Test Phase :

· System Integration Testing

Test Type :

· Regression Testing

Test Items verified :

· Bichard7 application
· Message Brokering
· Portal Services (Strategic Portal Framework)
· Identity & Access Services (Tivoli)

Test Design Techniques used :

· Specification-based (black box) techniques
· Experience-based techniques - exploratory Testing

External Entities (to which Bichard7 interfaces) verified :

· (2.2.2) EII's forwarding of Court Hearing Result messages received from LIBRA
· (2.2.4) NSPIS-PNC Interface Implementation in PNC
· (2.2.6) User's web browser

Business Information Flows (those that cross the System boundary) verified :

· (2.3.2) Magistrates Court Hearing Concluded
· (2.3.5) Arrest/Summons-based Enquiry Request
· (2.3.6) Arrest/Summons-based Enquiry Response
· (2.3.7) Arrest/Summons-based Update (Message) Request
· (2.3.8) Arrest/Summons-based Update (Message) Response
· (2.3.10) Court Result or PNC Update Exception/Trigger List Request
· (2.3.11) Court Result or PNC Update Exception/Trigger List Response
· (2.3.12) Court Result or PNC Update Exception/Trigger Request
· (2.3.13) Court Result or PNC Update Exception/Trigger Response

System Control Flows (those that cross the System boundary) verified :

· N/A

Business Scenarios verified :

· N/A
Documents Referenced :

· BR7TEST001 Bichard 7 Test Approach v1.3.doc
· MoJ ICT BR7 TTMNNN SIT Test Traceability Matrix-Bichard7 Release N.N *· MoJ ICT Bichard7 SIT Regression Pack Coverage Matrix vN.NN *

- Refer to most recent incarnation/version of this document

Test Procedure originally based on :

· (See section "Historical" for details)

Pre-requisites :

· Release Note has been provided by IBM
· BR7 Release has been deployed as per the 'Release Note for Bichard 7 vn.n.doc'
· Tests , (smoke test 001) & (smoke test 002) have been successfully run to completion

Historical :

The original definition of this Test was as follows:
"Test verifies those changes brought about as part of the BR7 5.0 Release and RCD entry #352. Offences are only matched using fuzzy matching if they are unambiguous - that is, if the PNC offence matches the HO offence and no other, and the HO offence matches the PNC and no other. Where this is not the case (i.e. in this test there are 3 x PNC offences and 3 x HO offences, and each PNC offence is a fuzzy match for all 3 x HO offences) the match will not be unambiguous and therefore no offences will match".
However, this was superseded by RCD494 in R5.3; HO100310 now replaces HO100304 exception which allows you to update the sequence number of the matching offences (1 & 4) and re-submit.

Test Description :

A Bichard7 Regression Test verifying unambiguous 'fuzzy' Offence matching, Exception generation and resubmission via the Portal and Trigger generation.Court Hearing results are sent through the CJSE and onto Bichard7. Hearing Outcome XML is successfully created based on ResultedCaseMessage contents, successful queried response from PNC and also from static data tables held within the Exchange-hosted solution. 'Fuzzy' Offence date matching ensures that the Start and End dates for each Offence is considered a match if the date range defined by the start and end dates of the Hearing Outcome offence fall wholly within the date range defined by the start and end dates of the PNC offence AND the PNC offence matches the HO offence and no other, and the HO offence matches the PNC and no other.
An Exception is generated and the Court Hearing Results with portal-added values (Offence Sequence Numbers) are successfully added onto the PNC. Pre Update Triggers are also generated.

Access Management

FAT (Steria pre Prod)
RDP (From Orwell User Bastion): WS002 mmm.nnn.8.12
Bichard URL: http://www.exchange1.gsi.gov.uk/bichard-ui/login.jsp
User Manager URL: http://www.exchange1.gsi.gov.uk/um-user-manager/login.jsp
IP Address: 51.231.160.183

Steps

1	Pre-conditions for this test have been met: New Case Message has been 'Sent to PNC' creating the Impending Prosecution Record* *See Host9 Screen shots folder for PNC tool details	All Pre-conditions as required in order to execute this test have been met
2	Court Resulting Simulation: Inject SPI Resulted Case Message via Test Console	SPI Resulted Case Message is successfully injected into the CJSE - check via Test Console
3	Verify that the following Exception record has been created on the Exception Portal: Exception ID: HO100310 x2 Exception Text: Multiple court offences with different Results match a PNC offence	Exception record has been created on the Exception Portal for the Court Hearing Results. Pre R5.3 Result: HO100304 Exception record has been created on the Exception Portal for the Court Hearing Results. Within this change Offences are only matched using fuzzy matching if they are unambiguous - that is, if the PNC offence matches the HO offence and no other, and the HO offence matches the PNC and no other. In this case there are three PNC offences and three HO offences, and each PNC offence is a fuzzy match for all three HO offences. Therefore, the match is not unambiguous and therefore no offences are matched.
4	Verify that the following Trigger record has been created on the Exception Portal Trigger ID = TRPR0018 (x 2) Trigger Message = Update offence date(s) on PNC	Trigger record has been created on the Exception Portal for the Court Hearing Results
5	Update the Offence Sequence Numbers for offence 1 and 4 and re-submit the record	Record successfully re-sbmitted
6	Verify that the following Trigger records have been created on the Exception Portal: Trigger ID = TRPS0010 (x 2) Trigger Message = Offence added in court	Trigger records have been created on the Exception Portal for the Court Hearing Results

Trigger ID = TRPR0018 (x 1)
Trigger Message = Update offence date(s) on PNC

(2x) Trigger ID = TRPR0018 remain on the portal (3 in total)

| 7 | Verify using the MTU PNC Test Tool (via a PNC Print request) that the update has been applied to the Impending Prosecution Record on the PNC. | Update has been applied to the Impending Prosecution Record on PNC. |

Offence 1: Bound Over
Offence 2: Fine 100
Offence 3: Fine 200
Offence 4: Not Guilty
Offence 5: Fine 300