

**Benefits Changes
On-line Testing Document**

SR 80520 – Benefits Changes

August 18, 2003

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Table of Contents

1.0	Testing Overview	1
2.0	Help Text and Help Anchors	2
3.0	EDB Maintenance	2
3.1	BELI Change Date Derivation	2
3.2	BELI Effective Date Edits	2
3.3	Benefits Eligibility Date Derivation	3
3.3.1	Hire Process	3
3.3.2	Rehire Process	3
3.4	Benefits Eligibility Date Derivation	3
3.5	Appointment Duration For Visa Purposes	4

1.0 Testing Overview

This document outlines the on-line testing process to verify the changes specified in service request 80520 (BELI Changes – Short term). This test document addresses on-line EDB Entry Update (including edits and derivations) and help text.

Test cases will be set up to allow testing of specified edits and derivations. Test cases will also be developed to verify that help text is being displayed correctly.

The test plan will be based on the requirements documents and changes agreed upon in the design phase.

Separate test plans will address batch testing of EDB maintenance and the one-time programs.

2.0 Help Text and Help Anchors

The help text was modified as part of the changes specified in SR 80520. Verify that the help text is displayed correctly.

EINS Screen

Verify that the help text for the field labels, "Primary:" and "Secondary:" correctly display the updated help text, EDB 0240 and EDB 0241, by placing the cursor on any character in the label, 'Primary' and 'Secondary' and hitting F1.

3.0 EDB Maintenance

Various changes were made to the EDB Maintenance process as part of the changes specified in SR 80520. Verify that the modifications are correct as outlined below.

3.1 BELI Change Date Derivation

Currently the BELI Change Date (EDB 0183) is updated to the current month and year whenever the Assigned BELI (EDB 0360) is updated, even if it is updated to the existing value.

This logic should be changed so that the BELI Change Date is only updated when the new value of the Assigned BELI is different from the old value.

Test 1: Select an active employee and change the Assigned BELI to a different value and change the BELI Effective Date to different date. Verify on the ELEM screen that the value for EDB 0183, BELI Changed Date is set to the current month and year.

Test 2: Select an active employee and change the Assigned BELI to itself and change the BELI Effective Date to itself. Verify on the ELEM screen that the value for EDB 0183, BELI Changed Date, does not change (the date is not set to the current month and year).

3.2 BELI Effective Date Edits

The logic which issues message 08-335, BELI EFFECTIVE DATE REQUIRED WHEN BELI IS CHANGED, should be changed so that the message is not issued when the new value and the old value of the Assigned BELI (EDB 0360) are the same.

Test 1: Select an active employee and change the Assigned BELI to itself and do not change the BELI Effective Date. Verify that message 08-335, "BELI EFFECTIVE DATE REQUIRED WHEN BELI IS CHANGED" is not issued.

Test 2: Select an active employee and change the Assigned BELI to a different value and do not change the BELI Effective Date. Verify that message 08-335, "BELI EFFECTIVE DATE REQUIRED WHEN BELI IS CHANGED" is issued.

Message 08-336, BELI EFFECTIVE DATE INPUT, NO BELI CHANGED, currently has a severity level of 'Data Override'. However, the code does not enforce the data override and the update is allowed to take place. This logic should be modified so that the BELI Effective Date (EDB 0341) is reset to its prior value if the Assigned BELI has not been updated, or if the Assigned BELI has been updated and its new value is the same as the old value.

Test 3: Select an active employee and do not change the Assigned BELI but change the BELI Effective Date to a different date. Verify that message 08-336, "BELI EFFECTIVE DATE INPUT, NO BELI CHANGED" is issued and the BELI Effective Date is reset to its original value.

Test 4: Select an active employee and change the Assigned BELI to itself and change the BELI Effective Date to a different date. Verify that message 08-336, "BELI EFFECTIVE DATE INPUT, NO BELI CHANGED" is issued and the BELI Effective Date is reset to its original value.

3.3 Benefits Eligibility Date Derivation

3.3.1 Hire Process

The Benefits Eligibility Date (EDB 0361) is set to the SCR Current Date when a new hire (Action Code '01') is processed. This logic should be changed so that the Benefits Eligibility Date is set to the first of the month of the Most Recent Hire Date (EDB 0113) when a new hire is processed.

Test 1: Hire a new employee and set the Most Recent Hire Date to a day in the current month other than the first day of the current month. On the ELEM screen, verify that the BELI Change Date (EDB0361) is set to the first of the month of the Most Recent Hire Date.

Test 2: Hire a new employee and set the Most Recent Hire Date to a day in a prior month other than the first day of the month. On the ELEM screen, verify that the BELI Change Date (EDB0361) is set to the first of the month of the Most Recent Hire Date.

Test 3: Hire a new employee and set the Most Recent Hire Date to a day in the future month other than the first day of the month. On the ELEM screen, verify that the BELI Change Date (EDB0361) is set to the first of the month of the Most Recent Hire Date.

3.3.2 Rehire Process

When a rehire (Action Code '02') is processed, if the new Most Recent Hire Date is later than the current month, the Benefits Eligibility Date is set to the first of the month of the Most Recent Hire Date. If the new Most Recent Hire Date is not a future date, the Benefits Eligibility Date is set based on whether or not the Assigned BELI is changed as part of the rehire. If the Assigned BELI is changed, the Benefits Eligibility Date is set to the SCR Current Date, otherwise it is not changed. This logic should be changed so that the Benefits Eligibility Date is always set to the first of the month of the Most Recent Hire Date when a rehire (Action Code '02') is processed.

Test 4: Rehire an employee and set the Most Recent Hire Date to a day in the current month other than the first day of the month. On the ELEM screen, verify that the BELI Change Date (EDB0361) is set to the first of the month of the Most Recent Hire Date.

Test 5: Rehire an employee and set the Most Recent Hire Date to a day in a prior month other than the first day of the month. On the ELEM screen, verify that the BELI Change Date (EDB0361) is set to the first of the month of the Most Recent Hire Date.

Test 6: Rehire an employee and set the Most Recent Hire Date to a day in a future month other than the first day of the month. On the ELEM screen, verify that the BELI Change Date (EDB0361) is set to the first of the month of the Most Recent Hire Date.

3.4 Benefits Eligibility Date Derivation

Currently when the Assigned BELI (EDB 0360) is changed and a new hire or rehire is not being processed, the Benefits Eligibility Date (EDB 0361) is set to the current month and year.

This logic should be changed so that the Benefits Eligibility Date is only changed when the new Assigned BELI confers greater benefits eligibility than the prior Assigned BELI.

Note: For all the test cases, the existing Benefits Eligibility Date is 01/01/03. The SCR Current Date is 08/01/03.

Test #	Current BELI	Changed BELI	BELI Eligibility Date Reset
1	1	2	No
2		3	
3		4	
4		5	
5	2	1	Yes
6	3		
7	2	3	No
8	1	1	No
9	2	2	No
10	3	3	No
11	4	4	No
12	4	1	Yes
13		2	
14		3	
15	4	5	No
16	5	1	Yes
17		2	
18		3	
19		4	

Note: For the tests below, separate the employees so that the Assigned BELI is set to '?'.

Test #	Current BELI	Changed BELI	BELI Eligibility Date Reset
20	1	?	No
21	2		
22	3		
23	4		
24	5		

3.5 Appointment Duration For Visa Purposes

Logic should be added so that an appointment with an Appointment Duration Code (EDB 2004) of 'V' (for Visa purposes only) is treated, for purposes of derivation of retirement code and Derived BELI, as if the appointment is indefinite. Appointment Duration Code value 'V' should be handled in the same manner as value 'B' (for budgetary purposes only).

Test 1: Select an active employee who has an appointment that is less than a year in duration, a blank Appointment Duration Code, an appointment percent of 50% or more, Retirement/FICA codes of 'H' and 'M' and a Derived BELI greater than '1'. Change the Appointment Duration Code to 'V'. Verify that the Retirement/FICA codes have been changed to 'U' and 'E' and the Derived BELI is '1'.

Test 2: Hire a new employee and establish a 50% career appointment for 9 months with an Appointment Duration Code of 'V'. Verify that the Retirement/FICA Codes are set to 'U' and 'E' and the Derived BELI is set to '1'

Test 3: Select an active employee with a 49% appointment and an appointment duration of less than a year and a blank Appointment Duration Code and Retirement/FICA Codes of 'H' and 'M' and a Derived BELI greater than '1'. Change the Appointment Duration Code to 'V'. Verify that the Retirement/FICA Codes and Derived BELI did not change.