CMS Manual System	Department of Health & Human Services (DHHS)
Pub 100-20 One-Time Notification	Centers for Medicare & Medicaid Services (CMS)
Transmittal 1973	Date: November 9, 2017
	Change Request 10375

SUBJECT: Multi-Carrier System (MCS) Modernization Proof of Concept Number 8

I. SUMMARY OF CHANGES: The purpose of this CR is for the MCS maintainer to deliver a proof of concept of application transformation technology. The development of this proof of concept will demonstrate the ability to transform a portion of the MCS CICS application and will result in deliverables of a new Java program that was converted from the COBOL language, new HTML format screens and documented business rules and requirements mined from the selected COBOL program. As a proof of concept project, no MCS application elements or functionality will be altered nor will any proof of concepts elements be promoted into production use with this change request.

EFFECTIVE DATE: April 1, 2018
Unless otherwise specified, the effective date is the date of service.
IMPLEMENTATION DATE: April 2, 2018

Disclaimer for manual changes only: The revision date and transmittal number apply only to red italicized material. Any other material was previously published and remains unchanged. However, if this revision contains a table of contents, you will receive the new/revised information only, and not the entire table of contents.

II. CHANGES IN MANUAL INSTRUCTIONS: (N/A if manual is not updated)
R=REVISED, N=NEW, D=DELETED-*Only One Per Row.*

R/N/D	CHAPTER / SECTION / SUBSECTION / TITLE
N/A	N/A

III. FUNDING:
For Medicare Administrative Contractors (MACs):
The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the Contracting Officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the Contracting Officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

IV. ATTACHMENTS:

One Time Notification

Attachment - One-Time Notification

Pub. 100-20	Transmittal: 1973	Date: November 9, 2017	Change Request: 10375

SUBJECT: Multi-Carrier System (MCS) Modernization Proof of Concept Number 8

EFFECTIVE DATE: April 1, 2018
Unless otherwise specified, the effective date is the date of service.
IMPLEMENTATION DATE: April 2, 2018

I.   GENERAL INFORMATION

A.   Background: Medicare is the largest health care insurance program, and the second largest social insurance program, in the United States. The Medicare program covers most of our nation's aged population, as well as many people who receive Social Security disability benefits. The Centers for Medicare & Medicaid Services (CMS) has made periodic improvements to the systems over the past four plus decades, but a long term strategy for modernization, to deal with Medicare's growth, and the technological advances is needed to cost effectively support not only Medicare's current evolution, but future changes as well. CMS is embarking on some initial steps to develop a modernization strategy using incremental steps and developing selected proof of concepts to identify a successful strategy for moving forward.

The CMS has embarked on a modernization effort with the MCS maintainer and will demonstrate the ability to transform a portion of the MCS Customer Information Control System (CICS) application so that a 3270 based CICS screen may be displayed in an HTML format. The proof of concept will utilize a software solution known as *Software Mining* as well as an engineering process known as rules mining. The existing MCS CICS screen functionality will remain intact and the new HTML display will be Section 508 compliant. The proof of concept will result in deliverables of a new Java program that was converted from the COBOL language, new HTML format screens and documented business rules and requirements mined from the selected COBOL program. As a proof of concept project, no MCS application elements or functionality will be altered nor will any proof of concepts elements be promoted into production with this change request.

B.   Policy: There are no regulatory, legislative, or statutory requirements related to this CR.

II.   BUSINESS REQUIREMENTS TABLE

"Shall" denotes a mandatory requirement, and "should" denotes an optional requirement.

Number	Requirement	Responsibility								
		A/B MAC			DME MAC	Shared-System Maintainers				Other
		A	B	HHH		FISS	MCS	VMS	CWF	
10375.1	MCS shall demonstrate the proof of concept of using the *Software Mining* product to convert the MCS CICS application "AH" and "ADS" screens to display in an HTML format.						X			
10375.2	MCS shall show proof of concept that the converted CICS screens retain the original						X			

Number	Requirement	Responsibility								
		A/B MAC			DME MAC	Shared-System Maintainers				Other
		A	B	HHH		FISS	MCS	VMS	CWF	
	screen functionality and are section 508 compliant.									
10375.3	MCS shall show proof of concept of converting the associated CICS COBOL program H99P1A00 to Java to work with two HTML format screens.						X			
10375.4	MCS shall not change the existing MCS CICS application components nor release proof of concept components into production use.						X			
10375.5	MCS shall provide CMS with proof of concept deliverables of the new converted Java program, new HTML screen components and mined business rules and requirements.						X			
10375.6	MCS shall provide CMS with a white paper that documents the results of the proof of concept project. The white paper will be delivered 30 business days after the last Sprint Presentation has been deemed complete.						X			

III.   PROVIDER EDUCATION TABLE

Number	Requirement	Responsibility				
		A/B MAC			DME MAC	CEDI
		A	B	HHH		
	None					

IV.   SUPPORTING INFORMATION

Section A: Recommendations and supporting information associated with listed requirements: N/A

"Should" denotes a recommendation.

X-Ref Requirement Number	Recommendations or other supporting information:

Section B: All other recommendations and supporting information: N/A

V. CONTACTS

Pre-Implementation Contact(s): Bonnie Hockaday, 410-786-1422 or bonnie.hockaday@cms.hhs.gov , Lee Ann Paxton, 410-786-2491 or LeeAnn.Paxton@cms.hhs.gov

Post-Implementation Contact(s): Contact your Contracting Officer's Representative (COR).

VI. FUNDING

Section A: For Medicare Administrative Contractors (MACs):
The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the Contracting Officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the Contracting Officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

ATTACHMENTS: 0