Ancillary Radiology
for the MHS Mart (M2)
(Version 1.13.00)

Current Specification

Revision History

Version	Date	Originator	Para/Tbl/Fig	Description of Change
1.00.00				• Initial versioned document.
1.01.00	03/25/2009	M. Weston		• Added TPR Eligibility Flag.
1.01.01	01/15/2010	M. Weston	• Table	• Added Days Since Return from GWOT Depl. • Other administrative changes. • This update does not impact processing code.
1.02.00	04/26/2011	M. Weston	• Table	• Replaced Related Record ID with Appointment Record ID to correspond with CAPER • Added Inpatient Record ID to correspond with SIDR • Renamed "GWOT" fields to "OCO"
1.03.00	05/27/2011	M. Weston	• Table	• Renamed Patient Registry Number to Inpatient Record ID to correspond with SIDR. • Corrected field formats for OCO.
1.04.00	03/05/2012	K. Hutchinson	• Table 1 • Table 2	• Indicated Person ID and PCM ID are visible only in the restricted universe. • Added Pseudo Person ID and Pseudo PCM ID.
1.05.00	04/05/2012	K. Hutchinson	• Table 1 • Table 2	• Added Medical Home fields. • Added MEPRS descriptions.
1.06.00	05/16/2012	K. Hutchinson	• Table 1 • Table 2	• Removed PPS Market Value fields.
1.07.00	05/22/2012	K. Hutchinson for S. Keane	• Table 1 and 2	• Remove encryption of PCM ID.
1.08.00	08/13/2012	S. Keane	• Table 1	• Removed PPS Market Value fields.
1.09.00	10/01/2012	S. Keane	• Table 1 and 2	• Updated Medical Home fields.
1.10.00	04/04/2013	K. Hutchinson for S. Keane	• Table 2	• Modified ACV Group for ACV R and V.
1.11.00	10/20/2015	S. Keane	• Table 2	• Add UDO variables that link Ancillary to SIDR and CAPER.
1.12.00	09/08/2017	K. Hutchinson	• Table 1 and 2	• Added new fields related to NDAA 2017, region transition. • Hide obsolete fields. • Renamed fields.
1.12.01	10/10/2017	B. Ross for W. Funk	• Table 1	• Changed labels for consistency. • Changed Eligibility Group and Enrollment Group type to Char(1).
1.12.02	09/20/2018	B. Ross	• Table 1	• Changed ACV Group Transformation.
1.13.00	06/30/2021	S. Keane	• Entire Document	• Hide Table in M2. Do not display or list this table. • Cleanup to match M2.

Radiology Ancillary Record Feed for the MHS Mart (M2)

I. <u>File format:</u> Regardless of the length specified, all fields are variable length and delimited by "!". Immediately following the previous field's end of field delimiter, a null field will have **no** blank before an end of field delimiter "!", (e.g., "!!").

II. <u>Record Selection</u>: Batches are by fiscal year. Original batches include all ancillary records with a Record Type="R" that have not been cancelled.

III. <u>Refresh Batches</u>: Batches are by fiscal year with the Record ID (M2Key) the first element in the "new/updated" file. New/updated radiology ancillaries are kept separate (a different file) from a delete file. The delete file is used to purge the existing M2 database of records that are being updated or dropped <u>PRIOR</u> to loading the update file for the same FY. The record key for both files is the Record ID (M2Key) which is an encrypted numbering sequence continuing across fiscal years. The delete file contains only the record key, Record ID (M2Key).

IV. Update Frequencies: Current – As of March 2020, this table is no longer updated in M2. As of summer 2021, this table will be hidden in M2.

Previous Frequency of updates:
- Current FY: Once per month.
- Prior FY: monthly for two months (October, November), then semi-annual (April).
- Second year prior to FY: Annually (October).
- No earlier years will be updated.

IV. <u>MDR Feed to M2</u>: The table below includes all the fields received or derived in the MDR that are fed to the M2.

Table 1. File Layout and Transformation Rules to Prepare the Feed to go to M2

M2 Object	Type and length Indicator[1]	MDR Element Name(s)	Comment or Transformation
Record ID	$6	M2key	No transformation. This element will be the first element in the M2 feed.
ACV	$1	acv	No transformation. Note: ACV from LVM4 merge is replacing ACV1.
ACV Group	$15	ACVGRP	No transformation in M2. In MDR, when preparing the M2 feed; if service date >=1/1/18 then: map "PR" to "Prime" "DP" to "Desig Prov" "OP" to "Overseas Remote" "PL" to "Plus" "O" to "Other" "R" to "Reliant"; else: If ACV = A, E, H, or J then "Prime"
Age	3	patage	No transformation.
Appointment Record ID	$10	apptno	Remove leading and trailing blanks.

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[1] A $ sign indicates a character variable; the absence of a dollar sign is a numeric variable. All numbers include decimals in the feed if not integers. The format is the total length in the first integer, with the number of decimal places in the feed following the decimal. Hence, format "6.2" allows for a number as big as "999.99".

M2 Object	Type and length Indicator[1]	MDR Element Name(s)	Comment or Transformation
Ben Cat Common	$1	comben	No transformation.
Beneficiary Category	$3	bencat	No transformation.
Beneficiary T17 Region	$2	BEN_REG_T17	No transformation. Populated FY12+.
Beneficiary T3 Region	$3	BEN_REG_T3	No transformation. Populated FY12+.
Beneficiary Zip Code	$5	patzip	No transformation.
Date of Birth	yyyymmdd	dob	No transformation.
Eligibility Group	$1	ELG_GRP	No transformation. Populated FY12+.
Enrollment Group	$1	ENR_GRP	No transformation. Populated FY12+.
Enrollment MEPRS Code	$4	med_home_meprs	No transformation. Populated FY11+.
Enrollment PCM Type	$1	PCM_TYPE	No transformation. Populated FY12+.
Enrollment Site	$4	enrdmis	No transformation.
Enrollment Site T17 Region	$2	ENR_REG_T17	No transformation. Populated FY12+.
Enrollment Site T3 Region	$2	ENR_REG_T3	No transformation. Populated FY12+.
Exam Number	$17	accessno	No transformation. Note in M2 Ancillary Rad, Accession is renamed Exam Number.
External Indicator	$1	external	No transformation.
FM	$2	fm	Derived from Service Date.
FMP	$2	fmp	No transformation.
Full Cost	8.2	fullcost	No transformation.
FY	$4	fy	Derived from Service Date.
Gender	$1	sex	No transformation.
HCDP – Assigned	$3	HCDP_ASSGN	No transformation. Populated FY12+.
HCDP – Enrolled	$3	hcdplvm4	No transformation.
Inpatient Indicator	$1	inpt	No transformation.
Inpatient Record ID	$7	prn	Remove leading and trailing blanks.
Medicare Eligibility	$1	Medelg	No transformation.
MEPRS4 Code, Ordering	$4	meprscd	No transformation.
Number of Services	2	drvcount	No transformation.
Number of Services of Record	2	count	No transformation.
Ordering Site of Record	$4	orddmis	No transformation.
Ordering Site of Record T17 Region	$2	ORD_REG_T17	No transformation. Populated FY12+.
Ordering Site of Record T3 Region	$2	ORD_REG_T3	No transformation. Populated FY12+.
Other Insurance	$1	ohi	No transformation.
PCM ID	$18	pcmid	No transformation.
Person Association Reason Code	$2	PARC	No transformation.
Person ID	$10	edipn	No transformation. Visible only in the restricted universe.
Privilege Code	$1	privcode	No transformation.

M2 Object	Type and length Indicator[1]	MDR Element Name(s)	Comment or Transformation
Procedure Code	$5	cpt	No transformation.
Procedure Code Modifier 1	$2	cptmod	No transformation.
Procedure Code Modifier 2	$2	mod	No transformation.
Relationship to Sponsor	$1	rel	No transformation.
RVU, Facility	6.2	fprvu	No transformation.
RVU, Non-Facility	6.2	nprvu	No transformation.
RVU, Total	6.2	rvu	No transformation.
RVU, Work	6.2	rvuwork	No transformation.
Service Date	yyyymmdd	servdate	No transformation.
Space Available Flag	$1	spaflag	No transformation.
Sponsor ID	$9	sponssn	No transformation.
Sponsor Service	$1	svc	No transformation.
Sponsor Service, Aggregate	$1	svcagg	No transformation.
Tmt DMIS ID	$4	tmtdmis	No transformation.
Tmt DMIS ID T17 Region	$2	MTF_REG_T17	No transformation. Populated FY12+.
Tmt DMIS ID T3 Region	$2	MTF_REG_T3	No transformation. Populated FY12+.
TPR Eligibility Flag	$1	TPRelig	No transformation.
Variable Cost	8.2	varcost	No transformation.

V. <u>M2-Inferred Fields</u>: The radiology ancillary table as viewed in the M2 includes multiple fields that are not in the feed. These fields result from "joins" to other tables, sometimes with additional math, and are consequently not in the feed. M2-inferred fields include:

Table 2. Fields Appended in the M2

M2 Object	Type and length Indicator[2]	Comment or Transformation
Age Group Common	$1	A = 0-4 G = 45-64 B = 5-14 H = 65-69 C = 15-17 I = 70-74 D = 18-24 J = 75-79 E = 25-34 K = 80-84 F = 35-44 L = 85+
Beneficiary First Name	$20	Join to MPI Table on upid.
Beneficiary Last Name	$26	Join to MPI Table on upid.
Beneficiary Name	$70	Join to MPI Table on upid displayed as LAST, FIRST, MIDDLE, CADENCY.
Case Management Acuity Level	$1	Join to Case Management table. See the Case Management Specification.
Case Management DMIS ID	$4	Join to Case Management table. See the Case Management Specification.
Case Manager ID 1	$14	Join to Case Management table. See the Case Management Specification.

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[2] A $ sign indicates a character variable; the absence of a dollar sign is a numeric variable. All numbers include decimals in the feed if not integers. The format is the total length in the first integer, with the number of decimal places in the feed following the decimal. Hence, format "6.2" allows for a number as big as "999.99".

M2 Object	Type and length Indicator[2]	Comment or Transformation
Case Manager ID 2	$14	Join to Case Management table. See the Case Management Specification.
Case Manager ID 3	$14	Join to Case Management table. See the Case Management Specification.
Catchment Area Command	$6	Join to the DMIS Table by FY and Catchment Area ID.
Catchment Area ID	$4	Join to the Market Area Table by FY and Beneficiary Zip Code.
Catchment Area Military Service	$1	Join to the DMIS Table by FY and Catchment Area ID.
Catchment Area MSMA	$3	Join to the DMIS Table by FY and Catchment Area ID.
Catchment Area Name	$40	Join to the DMIS Table by FY and Catchment Area ID.
CM	$2	Derived from Service Date.
Cumulative OCO Days Deployed	$5	Join to Contingency Tracking table. See the Contingency Tracking System Specification.
CY	$4	Derived from Service Date.
Days Since Most Recent OCO Depl	N(5)	Join to Contingency Tracking. See the Contingency Tracking System Specification.
Days Since Return from OCO Depl	$5	Join to Contingency Tracking. See the Contingency Tracking System Specification.
Enrollment Site Command	$6	Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site DHP Code	$1	Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Military Service	$1	Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site MSMA	$3	Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Name	$40	Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Parent	$4	Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Parent Name	$40	Join to the DMIS Table by FY and Enrollment Site Parent.
Ever Deployed Flag (OCO)	$1	Join to Contingency Tracking table. See the Contingency Tracking System Specification.
Fiscal Quarter	$1	If FM in (1,2,3) then Fiscal Quarter=1; else if FM in (4,5,6) then Fiscal Quarter=2; else if FM in (7,8,9) then Fiscal Quarter = 3; else Fiscal Quarter = 4.
IIW Flag[3]	$1	Join to IIW table. See the IIW Specification.
Market Area ID	$4	Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
MEPRS1 Code, Ordering	$1	MEPRS4 Code, Ordering is trimmed to 1st level.
MEPRS2 Code, Ordering	$2	MEPRS4 Code, Ordering is trimmed to 2nd level.
MEPRS3 Code, Ordering	$3	MEPRS4 Code, Ordering is trimmed to 3rd level.
MEPRS3 Code, Ordering Description	$54	Joined to MEPRS 3 Code Reference table by FY and MEPRS3 Code, Ordering.

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[3] IIW = Injured, Ill, and Wounded

M2 Object	Type and length Indicator[2]	Comment or Transformation
MEPRS4 Code, Ordering Description	$50	Joined to MEPRS 4 Code Reference table by FY, Tmt DMIS ID and MEPRS4 Code, Ordering.
MTF Service Area	$4	Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
MTF Service Area Name	$40	Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
Number of Records	9	Count of Record ID.
OCO Deployed Flag	$1	Join to Contingency Tracking table. See the Contingency Tracking System Specification.
Ordering Site ID/Appoint Record ID	$14	M2 User Defined Object (UDO) that is the concatenation of Ordering Site and Appointment Record ID.
Ordering Site ID/InPatient Record ID	$14	M2 User Defined Object (UDO) that is the concatenation of Ordering Site and Inpatient Record ID.
Ordering Site of Record MSMA	$3	Join to the DMIS Table by FY and Ordering Site of Record.
Ordering Site of Record Command	$6	Join to the DMIS Table by FY and Ordering Site.
Ordering Site of Record DHP Code	$1	Join to the DMIS Table by FY and Ordering Site of Record.
Ordering Site of Record Mil Svc	$1	Join to the DMIS Table by FY and Ordering Site of Record.
Ordering Site of Record Name	$40	Join to the DMIS Table by FY and Ordering Site of Record.
Prime Service Area	$1	Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
PRISM Area Command	$6	Join to the DMIS Table by FY and PRISM Area ID.
PRISM Area ID	$4	Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
PRISM Area Military Service	$1	Join to the DMIS Table by FY and PRISM Area ID.
PRISM Area MSMA	$3	Join to the DMIS Table by FY and PRISM Area ID.
PRISM Area Name	$40	Join to the DMIS Table by FY and PRISM Area ID.
Pseudo Person ID	$10	Encryption algorithm applied to Person ID.
Pseudo Sponsor ID	$9	Scrambling algorithm applied to Sponsor ID.
Reservist Status Code	$1	Join to Reservist Table by Sponsor SSN and Service Date.
Special HCDP Code	$3	Join to the Special HCDP table by Service Date.
Special Operations Code	$2	Join to Reservist Table by Sponsor SSN and Service Date.
Tmt DMIS ID Command	$6	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID DHP Code	$1	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Military Service	$1	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID MSMA	$3	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Name	$40	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID/Appoint Record ID	$14	M2 User Defined Object (UDO) that is the concatenation of Tmt DMIS ID and Appointment Record ID.

M2 Object	Type and length Indicator[2]	Comment or Transformation
Tmt DMIS ID/InPatient Record ID	$14	M2 User Defined Object (UDO) that is the concatenation of Tmt DMIS ID and Inpatient Record ID.
Tmt Parent DMIS ID	$4	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt Parent DMIS ID Name	$40	Join to the DMIS Table by FY and Tmt DMIS Parent.
TPR Flag	$1	Join to the Market Area Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.