RESOURCE AND PATIENT MANAGEMENT SYSTEM

IHS Emergency Department

(AMER/BEDD)

Configuration Guide

New National Uniform Billing Committee Disposition Mapping Functionality

AMER Version 3.0 Patch 12/BEDD Version 2.0 Patch 6
June 2022

Office of Information Technology
Division of Information Technology

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Preface

The purpose of this manual is to provide guidance on configuring emergency department settings to take advantage of the new National Uniform Billing Committee (NUBC) Disposition Mapping functionality included in AMER v3.0 Patch 12 and BEDD v2.0 Patch 6.

1.0   Introduction

This guide provides the Clinical Applications Site Coordinator instructions on implementing new functionality available in the AMER/BEDD applications.

The United States Core Data for Interoperability (USCDI) v2.0 standards require that encounter dispositions be reported using codes found in an allowed value set. In order to meet this new requirement, AMER v3.0 Patch 12 and BEDD v2.0 Patch 6 contain new functionality that allows sites to map their custom Emergency Room System (ERS) Disposition codes to standard NUBC Discharge Status Codes. This document provides sites with instructions on how to set up these new mappings.

2.0   NUBC Disposition Mapping Functionality

The AMER v3.0 Patch 12 and BEDD v2.0 Patch 6 releases contain new functionality that allows sites to map their custom ERS Disposition codes to standard NUBC Discharge Status Codes and then report the NUBC codes in AMER/BEDD reports.

2.1   Defining ERS to NUBC Disposition Mappings

Please follow these instructions to map your site's ERS dispositions to the appropriate NUBC code.

2.1.1   Display a list of current ERS Dispositions

The first step in mapping the ERS dispositions is to display a list of the current dispositions that are in use. Figure 2-1 shows how to run a FileMan search to display a list of the ERS dispositions.

```
Select OPTION: 3  SEARCH FILE ENTRIES

OUTPUT FROM WHAT FILE: ER OPTIONS//

  -A- SEARCH FOR ER OPTIONS FIELD:    TYPE
  -A- CONDITION:    EQUALS
  -A- EQUALS ER CATEGORIES:    DISPOSITION

  -B- SEARCH FOR ER OPTIONS FIELD:

IF: A//     TYPE EQUALS 19 (DISPOSITION)

STORE RESULTS OF SEARCH IN TEMPLATE:

SORT BY: NAME//
START WITH NAME: FIRST//
FIRST PRINT FIELD: .01  NAME
THEN PRINT FIELD:
Heading (S/C): ER OPTIONS SEARCH//
DEVICE: 0;80;999  VIRTUAL
ER OPTIONS SEARCH                              DEC 14,2021  13:51    PAGE 1
NAME
-------------------------------------------------------------------------

ADMIT
AMA
CLINIC
ELOPED
EXPIRED
HOME
LEFT AFTER INSURANCE DENIAL
LEFT WITHOUT BEING DISCHARGED
LEFT WITHOUT BEING SEEN
OBSERVATION
POLICE CUSTODY
```

```
REGISTERED IN ERROR
TRANSFER TO ANOTHER FACILITY
TRANSFER TO MAIN HOSPITAL
```

Figure 2-1 Displaying a list of ERS dispositions

2.1.2   Mapping the current ERS Dispositions

The AMER "ER Options Transportation-Disposition-Procedures" (OPT) option has been updated to allow sites to map their ERS dispositions to NUBC discharge status codes. For each ERS disposition identified in Figure 2-1, try to find a suitable NUBC code from the list found in APPENDIX A – NUBC Code Value Set to map the disposition to. Once a match has been identified, please use the OPT option to establish the map as shown in Figure 2-2.

```
                 *********************************************
                 *             Facility Setup Menu           *
                 *            Indian Health Service           *
                 *                 Version 3.0                *
                 *********************************************
                                2016 DEMO HOSPITAL

   CNS    Add/Edit ER CONSULTANT SERVICE list
   LOC    Add Local ER Facilities
   MGRP   ER Alerts Mail Group Edit
   OPT    ER Options Transportation-Disposition-Procedures
   SET    Facility Parameter setup
   FIX    Run AMER Cleanup Utility

Select Table and Parameter Setup <TEST ACCOUNT> Option: OPT  ER Options
Transportation-Disposition-Procedures

Select ER OPTIONS NAME: POLICE CUSTODY
NAME: POLICE CUSTODY//
TYPE: DISPOSITION//
MAP TO NUBC DISPOSITION: 21        TRANSFERRED COURT/LAW ENFORCE
BRIEF FORM:
HER VALUE:
ANCILLARY SERVICES:
MNEMONIC:
MAP TO PLACE OF ACCIDENT:
ICD9 CODE:

Select ER OPTIONS NAME:
```

Figure 2-2 Mapping ERS dispositions to NUBC discharge status codes

2.1.3   Handling Special Cases

In reviewing your site defined ERS dispositions, you may find that some do not match up to a specific NUBC code. For example, in the example shown in Figure 2-1, an ERS disposition of TRANSFER TO ANOTHER FACILITY is defined. The NUBC codes however are more specific. In order to better document patient visit outcomes therefore, you may want to consider creating new ERS dispositions to reflect the specific transfer type. For example, some facilities may provide services in multiple capacities (general, psychiatric, inpatient rehabilitation, etc.). Instead of having a disposition called "TRANSFER TO ST. LUKE" for example, it would be more descriptive to create new ERS dispositions such as "TRANSFER TO ST. LUKE – MAIN", "TRANSFER TO ST. LUKE – PSYCH" and "TRANSFER TO ST. LUKE – IRF". As a note, the maximum field length can only be 30 characters to some abbreviations of the text may be necessary. Figure 2-3 shows how to add new ERS dispositions.

```
              *********************************************
              *            Facility Setup Menu            *
              *           Indian Health Service           *
              *               Version 3.0                 *
              *********************************************
                            2016 DEMO HOSPITAL


   CNS    Add/Edit ER CONSULTANT SERVICE list
   LOC    Add Local ER Facilities
   MGRP   ER Alerts Mail Group Edit
   OPT    ER Options Transportation-Disposition-Procedures
   SET    Facility Parameter setup
   FIX    Run AMER Cleanup Utility


Select Table and Parameter Setup <TEST ACCOUNT> Option: OPT  ER Options
Transportation-Disposition-Procedures

Select ER OPTIONS NAME: TRANSFER TO ST LUKE - MAIN
  Are you adding 'TRANSFER TO ST LUKE - MAIN' as
    a new ER OPTIONS (the 135TH)? No// Y  (Yes)
   ER OPTIONS MNEMONIC:
NAME: TRANSFER TO ST LUKE - MAIN  Replace
TYPE: DISPOSITION
MAP TO NUBC DISPOSITION: 02        TRANSFERRED GEN HOSPITAL
BRIEF FORM:
HER VALUE:
ANCILLARY SERVICES:
MNEMONIC:
MAP TO PLACE OF ACCIDENT:
ICD9 CODE:

Select ER OPTIONS NAME: TRANSFER TO ST LUKE - PSYCH
  Are you adding 'TRANSFER TO ST LUKE - PSYCH' as
    a new ER OPTIONS (the 136TH)? No// Y  (Yes)
   ER OPTIONS MNEMONIC:
NAME: TRANSFER TO ST LUKE - PSYCH  Replace
TYPE: DISPOSITION
MAP TO NUBC DISPOSITION: 65        TRANSFERRED TO PSYCH HOSP
BRIEF FORM:
HER VALUE:
```

```
ANCILLARY SERVICES:
MNEMONIC:
MAP TO PLACE OF ACCIDENT:
ICD9 CODE:

Select ER OPTIONS NAME: TRANSFER TO ST LUKE - IRF
  Are you adding 'TRANSFER TO ST LUKE - IRF' as
    a new ER OPTIONS (the 137TH)? No// Y  (Yes)
   ER OPTIONS MNEMONIC:
NAME: TRANSFER TO ST LUKE - IRF  Replace
TYPE: DISPOSITION
MAP TO NUBC DISPOSITION: 62        TRANSFERRED TO IRF
BRIEF FORM:
HER VALUE:
ANCILLARY SERVICES:
MNEMONIC:
MAP TO PLACE OF ACCIDENT:
ICD9 CODE:

Select ER OPTIONS NAME:
```

Figure 2-3 Adding new ERS dispositions

If the decision is made to add new dispositions that are more descriptive, it also may be desired to no longer allow users to select the original less descriptive disposition code. To accomplish this, it is important to note that the existing disposition should never be deleted. Since there are existing visits which point to this entry, in order for them to show up properly, the entry has to remain defined. The solution is to therefore mark the entry so that it is no longer a DISPOSITION type. Doing this will prevent the entry from being selectable in any future visits. Figure 2-4 shows how to modify an entry so that it is inactive and longer selectable.

```
                  *********************************************
                  *           Facility Setup Menu            *
                  *          Indian Health Service           *
                  *               Version 3.0                *
                  *********************************************
                             2016 DEMO HOSPITAL

   CNS    Add/Edit ER CONSULTANT SERVICE list
   LOC    Add Local ER Facilities
   MGRP   ER Alerts Mail Group Edit
   OPT    ER Options Transportation-Disposition-Procedures
   SET    Facility Parameter setup
   FIX    Run AMER Cleanup Utility

You have PENDING ALERTS
         Enter  "VA to jump to VIEW ALERTS option

Select Table and Parameter Setup <TEST ACCOUNT> Option: opt  ER Options
Transportation-Disposition-Procedures

Select ER OPTIONS NAME: TRANSFER TO ANOTHER FACILITY
NAME: TRANSFER TO ANOTHER FACILITY  Replace
TYPE: DISPOSITION// @
   SURE YOU WANT TO DELETE? Y  (Yes)
MAP TO NUBC DISPOSITION: ^
```

```
Select ER OPTIONS NAME:
```

Figure 2-4 Marking an existing disposition as inactive

2.2   Displaying the NUBC Disposition

When an ERS disposition is mapped to a NUBC discharge status code, the new code will be visible from a number of locations.

2.2.1   Displaying the NUBC Disposition in AMER

Figure 2-5 shows how the NUBC Disposition Code is now visible in the AMER Standard ER Log. The field is referred to as the PATIENT STATUS CODE (NUBC).

```
*********************** CONFIDENTIAL PATIENT INFORMATION
***********************
STANDARD ER LOG REPORT  FROM: DEC 15, 2021  TO: DEC 15, 2021@23:59
                                        DEC 15,2021  10:30    PAGE 1
-------------------------------------------------------------------

ADMISSION TIMESTAMP:  DEC 15,2021  01:00
  PATIENT: DEMO,PATIENT              PCC VISIT:    DEC 15,2021  01:00
  DOB:      AUG  5,1958              AGE AT VISIT:    63
  CHART #: 100974                    GENDER:       MALE
CLINIC TYPE: EMERGENCY MEDICINE
MODE OF TRANSPORT: PRIVATE VEHICLE/WALK IN
  AMBULANCE CO:
  AMBULANCE #:                      AMB INVOICE #:
PRESENTING COMPLAINT: TESTING NUBC DISPOSITIONS
  OCCUPATION RELATED:               INJURED: NO
    CAUSE OF INJURY:                  SCENE OF INJURY:
    TIME OF INJURY:
    SAFETY EQUIPMENT:
    TOWN OF INJURY:
  EXACT MVC LOCATION:
PROCEDURES:
  NONE
PRIMARY DIAGNOSIS:  ZZZ.999  {Uncoded diagnosis}
  PRIMARY DX NARRATIVE: TESTING
DIAGNOSIS:                            DX NARRATIVE:
  ZZZ.999  {Uncoded diagnosis}        TESTING
ED PROVIDER:          DEMO,PROVIDER ONE
  MEDICAL SCREENING EXAM TIME:
                        DEC 15,2021  03:00
TRIAGE NURSE: DEMO,NURSE ONE
  TRIAGE TIME:              DEC 15,2021  02:00
  DECISION TO ADMIT TIME:
INITIAL ACUITY:  5                FINAL ACUITY:  2
DISPOSITION: TRANSFER TO ST LUKE - MAIN
PATIENT STATUS CODE (NUBC):   TRANSFERRED GEN HOSPITAL (02)
  TRANSFERED TO:
DEPARTURE TIME: DEC 15,2021  04:00
  DISCHARGE (PRIMARY) PROVIDER: DEMO,PROVIDER ONE
  DISCHARGE NURSE: DEMO,NURSE ONE
DISCHARGE INSTRUCTIONS: APPT AND INSTRUCTIONS GIVEN
ER CONSULTANTS:
```

```
TOTAL VISIT DURATION:           180
  WAITING TIME FOR TRIAGE  :      60
  WAITING TIME FOR PROVIDER:    120
  DATA ENTERER: EVERETT,BRIAN E

Press 'Return to continue:
```

Figure 2-5 Viewing the NUBC disposition in the AMER Standard ER Log Report

2.2.2   Displaying the NUBC Disposition in BEDD

Figure 2-3 shows how the NUBC Disposition Code will be visible in the BEDD Central Log report. If no mapping is defined for the ERS disposition, the new column will be blank.

Figure 2-6 Displaying the NUBC Disposition Code on the BEDD Central Log Report

2.2.3   Displaying the NUBC Disposition Code in PCC

Figure 2-7 shows how the NUBC Disposition Code is visible in PCC. The field is referred to as the PATIENT STATUS CODE (NUBC). Only the code itself is visible and, depending on the display, only "PATIENT STATUS CODE (" could be visible as the field name.

```
              *********************************************
              *              Reports Menu                 *
              *           Indian Health Service           *
              *                Version 3.0                *
              *********************************************
                          2016 DEMO HOSPITAL

    AUD    ER VISIT AUDITING LOG REPORTS
    LIST   ER System Report Generator
    LOG    Print ER Log
    CAN    ER System Pre-Defined Reports
    VIS    Display ER Log entry for a single ER visit
    VV     Display Data for a Specific Patient Visit
    CLN    ER Record Cleanup Report

Select Reports Menu <TEST ACCOUNT> Option: VV  Display Data for a Specific
Patient Visit

Enter PATIENT NAME:
  DEMO,PATIENT                          M 08-05-1958 XXX-XX-5435    DB
100974
```

```
PCC VISIT DISPLAY            Dec 15, 2021 11:12:27      Page:   1 of
5

Patient Name:          DEMO,PATIENT
Chart #:               100974
Date of Birth:         AUG 05, 1958
Sex:                   M
Visit IEN:             247976


=============== VISIT FILE ===============
VISIT/ADMIT DATE&TIME: DEC 15, 2021@01:00
DATE VISIT CREATED:    DEC 15, 2021
TYPE:                  IHS
PATIENT NAME:          DEMO,PATIENT
LOC. OF ENCOUNTER:     2016 DEMO HOSPITAL
SERVICE CATEGORY:      AMBULATORY
CLINIC:                EMERGENCY MEDICINE
DEPENDENT ENTRY COUNT: 4
DATE LAST MODIFIED:    DEC 15, 2021
WALK IN/APPT:          WALK IN
HOSPITAL LOCATION:     ED WALK-IN
CREATED BY USER:       EVERETT,BRIAN E
+          Enter ?? for more actions
CREATED BY USER:       EVERETT,BRIAN E

CREATED BY USER:       EVERETT,BRIAN E
OPTION USED TO CREATE: SD IHS PCC LINK
APPT DATE&TIME:        DEC 15, 2021@01:00
USER LAST UPDATE:      EVERETT,BRIAN E
VCN:                   478.2X
OLD/UNUSED UNIQUE VIS: 5054300000247976
DATE/TIME LAST MODIFI: DEC 15, 2021@10:21:02
PATIENT STATUS CODE (: 02
NDW UNIQUE VISIT ID (: 999990000247976
```

Figure 2-7 Displaying the NUBC Disposition in PCC

Appendix A: NUBC Code Value Set

NUBC CODE	DESCRIPTION
01	DISCHARGED HOME
02	TRANSFERRED GEN HOSPITAL
03	TRANSFERRED SNF
04	TRANSFERRED CUST/SUPP CARE
05	TRANSFERRED CANCER CHILD
06	UNDER CARE OF HOME HEALTH ORG
07	LEFT AMA
08	UNDER CARE OF HOME IV THERAPY
09	ADMITTED TO THIS HOSPITAL
10	DISCHARGE DEFINED BY STATE
11	DISCHARGE DEFINED BY STATE
12	DISCHARGE DEFINED BY STATE
13	DISCHARGE DEFINED BY STATE
14	DISCHARGE DEFINED BY STATE
15	DISCHARGE DEFINED BY STATE
16	DISCHARGE DEFINED BY STATE
17	DISCHARGE DEFINED BY STATE
18	DISCHARGE DEFINED BY STATE
19	DISCHARGE DEFINED BY STATE
20	EXPIRED
21	TRANSFERRED COURT/LAW ENFORCE
22	EXPIRED DEFINED BY STATE
23	EXPIRED DEFINED BY STATE
24	EXPIRED DEFINED BY STATE
25	EXPIRED DEFINED BY STATE
26	EXPIRED DEFINED BY STATE
27	EXPIRED DEFINED BY STATE
28	EXPIRED DEFINED BY STATE
29	EXPIRED DEFINED BY STATE
30	STILL A PATIENT

NUBC CODE	DESCRIPTION
31	STILL PATIENT DEFINED BY STATE
32	STILL PATIENT DEFINED BY STATE
33	STILL PATIENT DEFINED BY STATE
34	STILL PATIENT DEFINED BY STATE
35	STILL PATIENT DEFINED BY STATE
36	STILL PATIENT DEFINED BY STATE
37	STILL PATIENT DEFINED BY STATE
38	STILL PATIENT DEFINED BY STATE
39	STILL PATIENT DEFINED BY STATE
40	EXPIRED AT HOME (HOSPICE ONLY)
41	EXPIRED SNF, ICF, FS HOSPICE
42	EXPIRED, PLACE UNKNOWN
43	TRANSFERRED FEDERAL HOSPITAL
44	RESERVED NATIONAL ASSIGNMENT
45	RESERVED NATIONAL ASSIGNMENT
46	RESERVED NATIONAL ASSIGNMENT
47	RESERVED NATIONAL ASSIGNMENT
48	RESERVED NATIONAL ASSIGNMENT
49	RESERVED NATIONAL ASSIGNMENT
50	DISCHARGED TO HOSPICE - HOME
51	DISCHARGED TO HOSPICE FACILITY
52	RESERVED NATIONAL ASSIGNMENT
53	RESERVED NATIONAL ASSIGNMENT
54	RESERVED NATIONAL ASSIGNMENT
55	RESERVED NATIONAL ASSIGNMENT
56	RESERVED NATIONAL ASSIGNMENT
57	RESERVED NATIONAL ASSIGNMENT
58	RESERVED NATIONAL ASSIGNMENT
59	RESERVED NATIONAL ASSIGNMENT
60	RESERVED NATIONAL ASSIGNMENT
61	TRANSFERRED TO HOSP SWING BED
62	TRANSFERRED TO IRF
63	TRANSFERRED TO LTCH

NUBC CODE	DESCRIPTION
64	TRANSFERRED TO MCD CERT SNF
65	TRANSFERRED TO PSYCH HOSP
66	TRANSFER TO CAH
67	RESERVED NATIONAL ASSIGNMENT
68	RESERVED NATIONAL ASSIGNMENT
69	TRANSFER DISASTER ALTER CARE
70	TRANSFER TO OTHER HEALTH CARE
71	DELETED
72	DELETED
73	RESERVED NATIONAL ASSIGNMENT
74	RESERVED NATIONAL ASSIGNMENT
75	RESERVED NATIONAL ASSIGNMENT
76	RESERVED NATIONAL ASSIGNMENT
77	RESERVED NATIONAL ASSIGNMENT
78	RESERVED NATIONAL ASSIGNMENT
79	RESERVED NATIONAL ASSIGNMENT
80	RESERVED NATIONAL ASSIGNMENT
81	DISCHARGED HOME W/READMIT
82	TRANSFER GEN HOSP W/READMIT
83	TRANSFER SNF W/READMIT
84	TRANSFER CUS/SUP CAREW/READMIT
85	TRANSFER CANCER CHILDW/READMIT
86	DISC HOME CARE SVCS W/READMIT
87	TRANSFER COURT/LAW W/READMIT
88	TRANSFER FED HTH FAC W/READMIT
89	TRANSFER HOSP SWING W/READMIT
90	TRANSFER TO IRF W/READMIT
91	TRANSFER TO LTCH W/READMIT
92	TRNS MDCAID CERT SNF W/READMIT
93	TRANSFER PSYCH HOSP W/READMIT
94	TRANSFER CAH W/READMIT
95	TRANSFER TO OTHER W/READMIT
96	RESERVED NATIONAL ASSIGNMENT

NUBC CODE	DESCRIPTION
97	RESERVED NATIONAL ASSIGNMENT
98	RESERVED NATIONAL ASSIGNMENT
99	RESERVED NATIONAL ASSIGNMENT

Acronym List

Acronym	Meaning
ER	Emergency Room
ERS	Emergency Room System
IHS	Indian Health Service
NUBC	National Uniform Billing Committee
USCDI	United States Core Data for Interoperability

Contact Information

If you have any questions or comments regarding this distribution, please contact the IHS IT Service Desk.

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