

RESOURCE AND PATIENT MANAGEMENT SYSTEM

RPMS Electronic Health Information (EHI) Export

(BREH)

User Manual

Version 1.0 September 2023

Office of Information Technology Division of Information Technology

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Preface

The purpose of this manual is to provide technical information about the Resource and Patient Management System (RPMS) Electronic Health Information (EHI) Export v1.0 (BREH) package.

BREH is designed to generate an EHI export using a predefined national schema, which is published on the Indian Health Service (IHS) website. The BREH national schema includes all patient health information as defined by the Office of National Coordinator (ONC) 2015 Edition Cures Update and the 21st Century Cures Act (21 CCA).

1.0 Introduction

The BREH application is a component of the IHS RPMS software. The application allows users to generate an EHI export using a predefined national schema for a single patient or for a patient population. The national schema consists of the patient's EHI that can be stored in the Electronic Health Record (EHR) at the time of the BREH release. These exports meet the ONC 2015 Editions Cures Update and 21 CCA certification specifications.

Note: Although the EHI export generates using a predefined national schema, the BREH application provides sites with an option to create their own schema. Site-defined schemas are based on the national schema.

EHI means Electronic Protected Health Information (ePHI) as defined in45 CFR 160.103 to the extent that it would be included in a Designated Record Set (DRS) as defined in 45 CFR 164.501, regardless of whether the group of records are used or maintained by or for an entity covered by the Health Insurance Portability and Accountability Act (HIPAA) Rules.

The DRS, as defined in the HIPAA Rules (45 CFR 164.501), consists of the following:

- Medical records and billing records about individuals
- Enrollment, payment, claims adjudication, and case or medical management record systems maintained by or for a health plan
- Other records that are used, in whole or in part, to make decisions about individuals

Note: The term record means any item, collection, or grouping of information that includes protected health information.

The EHI export does not include the following:

- Psychotherapy notes as defined in 45 CFR 164.501
- Information compiled in reasonable anticipation of, or for use in, a civil, criminal, or administrative action or proceeding

The Security categorization for this application is HIGH in accordance with Federal Information Processing Standard (FIPS) 199. Security controls used in this application adhere to those outlined in the System Security Plan (SSP) for RPMS (SSP 06-02) with specific details as follows in this document.

Throughout this manual, sample computer dialogues are included to illustrate the performance of various menu options and steps. Within these dialogues, computer-generated text appears in gray-shaded boxes. User responses in these dialogs appear in bold type.

Note: This manual does *NOT* contain any real patient, provider or user data. All patient, provider or user related information in computer-generated text, tables, figures, and images throughout this manual contain demo data only.

2.0 System Navigation

The BREH application has no RPMS menu option for users. Instead, it has its own menu structure, which is accessible from the programmer's prompt when appropriate security keys are assigned to the user.

2.1 Accessing BREH Main Menu

The BREH Main Menu allows users to:

- Access two sub menus (with a total of six sub menu options)
- Generate a BREH EHI Export
- Edit BREH Settings
- Enter EHI Demo Patients
- BREH Schema Menu
- BREH Exception Menu
- Real World Testing Reports

Users with the appropriate access (defined in Section 3.0) can sign into the BREH Main Menu by entering programmer mode and typing the following command from the programmer's prompt: **D EN^BREHMENU**, as shown in Figure 2-1.

```
Site set to 2016 DEMO HOSPITAL
   1
        Core Applications ...
   2
         Device Management ...
   3
      Manage Mailman ...
Menu Management ...
Programmer Options ...
Operations Management ...
User Management ...
         VA FileMan ...
   4
   5
   6
   7
   8
         AVA MENU ...
   9
   10 Taskman Management ...
         Information Security Officer Menu ...
   11
         Admin Tools ...
   12
You have PENDING ALERTS
          Enter "VA to jump to VIEW ALERTS option
Select IHS Kernel <TEST ACCOUNT> Option: 6 Programmer Options
   KIDS Kernel Installation & Distribution System ...
   PG
          Programmer mode
          Delete Unreferenced Options
          Error Processing ...
          Global Block Count
```

System Navigation

```
List Global
Routine Tools ...
You have PENDING ALERTS
Enter "VA to jump to VIEW ALERTS option
Select Programmer Options <TEST ACCOUNT> Option: PG Programmer mode
CHITT>D EN^BREHMENU
```

Figure 2-1: Accessing the BREH menu

The BREH Main Menu displays as shown in Figure 2-2:

```
RPMS EHI EXPORT (BREH) Main Menu
1. Generate a BREH EHI Export
2. Edit BREH Settings
3. Enter EHI Demo Patients
4. BREH Schema Menu...
5. BREH Exception Menu...
6. Real World Testing Report
Select number or return to quit: (1-6):
```

Figure 2-2: BREH main menu

3.0 Package Management

3.1 Roles

The BREH application is designed to support two roles:

- Regular users who are permitted to access the BREH Main Menu, enter/edit/import/export schema information, and create site and patient exceptions.
- Elevated users who can perform the same tasks as regular users but can also generate an EHI document for a patient or patients.

3.2 Security Keys

The BREH application includes security keys that control access to the BREH menus, allowing users to perform the functionality based on their role. Table 3-1 lists the security keys included with the BREH application.

In addition to these BREH keys, users also need to be assigned the **XUMGR** and **XUPROG** keys. Finally, in order to make the BREH application more secure, only users who have programmer access are able to access the BREH menu structure. In User Management, users must have an @ assigned for the FILE MANAGER ACCESS CODE in order to access the BREH menus and functionality.

Key Name	Descriptive Name	Description
BREHZMENU	Menu Access Key	This key will permit a user to access the BREH menu system, enter/edit/import/export schema information, and create site and patient exceptions.
BREHZGEN	Export EHI document Key	This key will permit holders of the BREHZMENU key to also generate an EHI document for a patient or patients.

Table 3-1: Security Keys included with the BREH application

3.3 Edit BREH Settings

The **Edit BREH Settings** option (Figure 3-1) option allows a site to define the time zone they are affiliated with, and if their site utilizes daylight saving time.

1. At the **BREH Main Menu** prompt, select a **number** or insert a **return** to quit. For example, user enters **value 2** (Figure 3-1).

The system displays a **Time Zone** prompt, in which the user can enter **?** to view a list of **time zone values** to choose from.

Note: The list of values that display are time zones that are converted from GMT (Greenwich Mean time), which is the world's observation-based time standard.

- 2. Enter the value that is appropriate for the site. For example, enter -0700 and click Enter.
- 3. At the **DST prompt** the system defaults to the value **Yes**. Click **Enter** to leave the default value or enter **?** to display a canned value set.

The value **1** = Yes and **0**= No. Some states, for example Arizona, do not use **daylight saving time**. At the prompt enter, N/No or **0** and click Enter.

```
NOW EDITING BREH EHI SITE PARAMETERS:
TIME ZONE: -0700//
      Choose from:
      EASTERN TIME -0500
      CENTRAL TIME -0600
       MOUNTAIN TIME -0700
       PACIFIC TIME -0800
      ALASKA TIME -0900
      HAWAII-ALEUTIAN TIME -1000
TIME ZONE: -0700//
DST: YES/
       Choose from:
       1
                YES
      0
                NO
DST: YES//
RPMS EHI EXPORT (BREH) Main Menu
```

Figure 3-1: Defining a time zone

3.4 Enter EHI Demo Patients Menu Option

Demo patients cannot normally be exported by EHI. However, for testing purposes, demo patient overrides can be entered via this option. These demo patients can be exported when exporting single patients. Patients entered through this menu option are treated as EHI demo patients and will be outputted (when not outputting multiple or all patients), even though they might be considered demo patients.

- 1. Type a ? to display the list of currently defined EHI demo patients.
- 2. To create a new EHI demo patient (Figure 3-2), enter a **PATIENT NAME**, **PREFERRED NAME**, **HEALTH RECORD NO**., **ID**, or **MBI** at the select prompt.
- 3. Confirm that you have the correct patient selected.

4. At the prompt Are you adding Patient Name as a new EHI DEMO PATIENT, type Yes and press Enter.

```
NOW EDITING BREH EHI DEMO PATIENTS:
Select EHI DEMO PATIENTS: COFFEE, RONALD WAYNE// ?
   Answer with EHI DEMO PATIENTS
   Choose from:
  DEMO,ADDIE M
  DEMO, PATIENT
  COFFEE, ABIGAIL
  STRUBLE, POLLY-JO SAMANTHA
  COFFEE, RONALD WAYNE
   DEMO, PATIENT EHIINPATIEN
        You may enter a new EHI DEMO PATIENTS, if you wish
Answer with PATIENT NAME, or PREFERRED NAME, or HEALTH RECORD NO., or
    ID, or MBI
 Do you want the entire PATIENT List? n (No)
Select EHI DEMO PATIENTS: COFFEE, RONALD WAYNE//TEST, DEMO
                                                  F 03-02-1963 XXX-
XX-8943 TST 15649
Are you adding 'TEST, DEMO' as a new EHI DEMO PATIENTS (the 7TH for this BR
EH EHI SITE PARAMETERS)? No// y (Yes)
```

Figure 3-2: Create a new EHI demo patient

3.5 BREH Schema Menu

The BREH Schema Menu (Figure 3-3) allows a user to import nationally distributed BREH_OIT EHI schemas. Nationally distributed BREH_OIT EHI schemas will be placed in the following publicly accessible URL:

https://www.ihs.gov/rpms/applications/ftp/?parent=&fld=EHI_Schemas

When a new BREH_OIT EHI schema becomes available in the above URL it should be downloaded and imported into RPMS using the **Import Schema File** option (Figure 3-3) described below.

Imported schemas can be used to generate EHI exports which contain updated application file definitions, thus ensuring all of a patient's EHR data is getting exported. The imported schemas can also be used as templates to create custom schema definitions for the site, which can be utilized during the export process.

```
BREH Schema Menu
1. Import Schema File
2. Create/Edit/Remove Custom Schema Definition
3. Generate Schema Export File
Select number or return to quit: (1-3):
```

Figure 3-3: BREH schema menu

3.5.1 Import Schema File

The **Import Schema File** option allows users to import a schema export file, which can then be utilized at their facility. Make sure the schema export file is placed in an accessible folder location before continuing. Nationally released BREH schemas from OIT can be identified by the naming convention BREH_OIT prefix. To import a schema, please perform the following steps:

- 1. Enter the **path of the folder** that contains the **schema file** to import.
- 2. Enter the schema file to import. This response can be free text.

Note: If the schema file has been previously imported you will be prompted to replace the existing schema with the one being loaded as shown in Figure 3-4. To continue importing the schema type **YES**. To cancel, accept the default of **NO**.

```
This option will allow you to import a schema export file
which you will then be able to utilize at your facility
Please make sure the schema export file is placed in an
accessible folder location before continuing.
Enter the path of the folder which contains the schema file to import.
Schema file path: H:\Temp\// H:\TEMP\CHITT\
Enter the schema file to import: BREH_OIT_20230704.TXT
File BREH_OIT_20230704.TXT found in folder H:\TEMP\CHITT\
This schema file has already been loaded in the past
Loaded as schema definition: BREH_OIT_20230704
Would you like to replace the existing schema on file? NO//YES
```

Figure 3-4: Importing a previously imported schema

3. Enter **YES** to confirm that you wish to import the specified schema file. Figure 3-5 shows a typical schema file import.

```
BREH Schema Menu
1. Import Schema File
2. Create/Edit/Remove Custom Schema Definition
3. Generate Schema Export File
Select number or return to quit: (1-3): 1
This option will allow you to import a schema export file
which you will then be able to utilize at your facility
```

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```
Please make sure the schema export file is placed in an
accessible folder location before continuing.
Enter the path of the folder which contains the schema file to import.
Schema file path: H:\Temp\// H:\TEMP\CHITT\
Enter the schema file to import: BREH OIT 20230704.TXT
File BREH OIT 20230704.TXT found in folder H:\TEMP\CHITT\
Would you like to import this schema file? NO// YES
Importing schema file
Converting JSON schema to readable format
Loading files definitions into new schema
Loading file: VA PATIENT (#2)
Loading file: PRF ASSIGNMENT (#26.13)
Loading file: PRF HL7 EVENT (#26.21)
Loading file: PATIENT ENROLLMENT (#27.11)
Loading file: ENROLLMENT QUERY LOG (#27.12)
Loading file: ENROLLMENT\/ELIGIBILITY UPLOAD AUDIT (#27.14)
Loading file: MST HISTORY (#29.11)
Loading file: INCONSISTENT DATA (#38.5)
Loading file: OPC (#40.1)
Loading file: OPC ERRORS (#40.15)
Loading file: SCHEDULED ADMISSION (#41.1)
Loading file: PRE-REGISTRATION AUDIT (#41.41)
Loading file: PRE-REGISTRATION CALL LOG (#41.43)
Loading file: WAIT LIST (#42.5)
Loading file: G&L CORRECTIONS (#43.5)
Loading file: CENSUS WORKFILE (#45.85)
Loading file: PAF (#45.9)
Loading file: PRESCRIPTION (#52)
Loading file: PATIENT NOTIFICATION (Rx READY) (#52.11)
Loading file: RX VERIFY (#52.4)
Loading file: PENDING OUTPATIENT ORDERS (#52.41)
Loading file: RX SUSPENSE (#52.5)
Loading file: PHARMACY ARCHIVE (#52.8)
Loading file: NON-VERIFIED ORDERS (#53.1)
Loading file: BCMA MEDICATION VARIANCE LOG (#53.78)
Loading file: BCMA MEDICATION LOG (#53.79)
Loading file: PHARMACY PATIENT (#55)
Loading file: DRUG ACCOUNTABILITY TRANSACTION (#58.81)
Loading file: LAB DATA (#63)
Loading file: BLOOD INVENTORY (#65)
Loading file: REFERRAL PATIENT (#67)
Loading file: LAB ORDER ENTRY (#69)
Loading file: RAD\/NUC MED PATIENT (#70)
Loading file: NUC MED EXAM DATA (#70.2)
Loading file: RADIATION ABSORBED DOSE (#70.3)
Loading file: RAD\/NUC MED REPORTS (#74)
Loading file: REPORT DISTRIBUTION (#74.4)
Loading file: RAD\/NUC MED ORDERS (#75.1)
Loading file: ORDER (#100)
Loading file: OE\/RR PATIENT EVENT (#100.2)
Loading file: ORDER DEA ARCHIVE INFO (#101.52)
Loading file: PATIENT ALLERGIES (#120.8)
Loading file: ADVERSE REACTION REPORTING (#120.85)
Loading file: ADVERSE REACTION ASSESSMENT (#120.86)
Loading file: REQUEST\/CONSULTATION (#123)
```

Loading file: GMR TEXT (#124.3) Loading file: GMRY PATIENT I//O FILE (#126) Loading file: INTEGRATED BILLING ACTION (#350) Loading file: CATEGORY C BILLING CLOCK (#351) Loading file: IB CONTINUOUS PATIENT (#351.1) Loading file: SPECIAL INPATIENT BILLING CASES (#351.2) Loading file: BILLING PATIENT (#354) Loading file: BILLING EXEMPTIONS (#354.1) Loading file: INSURANCE CLAIMS YEAR TO DATE (#355.5) Loading file: PERSONAL POLICY (#355.7) Loading file: CLAIMS TRACKING (#356) Loading file: HOSPITAL REVIEW (#356.1) Loading file: INSURANCE REVIEW (#356.2) Loading file: CLAIMS TRACKING\/BILL (#356.399) Loading file: INPATIENT DIAGNOSIS (#356.9) Loading file: INPATIENT PROCEDURE (#356.91) Loading file: INPATIENT INTERIM DRG (#356.93) Loading file: INPATIENT PROVIDERS (#356.94) Loading file: ENCOUNTER FORM TRACKING (#357.96) Loading file: AICS ERROR AND WARNING LOG (#359.3) Loading file: IB AUTOMATED BILLING COMMENTS (#362.1) Loading file: IB BILL/CLAIMS PRESCRIPTION REFILL (#362.4) Loading file: TREATING FACILITY LIST (#391.91) Loading file: BENEFICIARY TRAVEL CLAIM (#392) Loading file: BENEFICIARY TRAVEL CERTIFICATION (#392.2) Loading file: INCOMPLETE RECORDS (#393) Loading file: BILL\/CLAIMS (#399) Loading file: PATIENT MOVEMENT (#405) Loading file: SD WAIT LIST (#409.3) Loading file: SDWL TRANSFER REQUEST (#409.35) Loading file: SDWL TRANSFER ACCEPT (#409.36) Loading file: EWL CLEAN-UP (#409.39) Loading file: OUTPATIENT CLASSIFICATION (#409.42) Loading file: OUTPATIENT DIAGNOSIS (#409.43) Loading file: OUTPATIENT PROVIDER (#409.44) Loading file: SDSC SERVICE CONNECTED CHANGES (#409.48) Loading file: SCHEDULING VISITS (#409.5) Loading file: APPOINTMENT PFSS ACCOUNT REFERENCE (#409.55) Loading file: OUTPATIENT ENCOUNTER (#409.68) Loading file: TRANSMITTED OUTPATIENT ENCOUNTER (#409.73) Loading file: DELETED OUTPATIENT ENCOUNTER (#409.74) Loading file: TRANSMITTED OUTPATIENT ENCOUNTER ERROR (#409.75) Loading file: ACRP TRANSMISSION HISTORY (#409.77) Loading file: ORDER CHECK PATIENT ACTIVE DATA (#860.1) Loading file: IMAGE (#2005) Loading file: IMAGING ANNOTATION (#2005.002) Loading file: IMAGE AUDIT (#2005.1) Loading file: PACS MESSAGE (#2006.5) Loading file: TELEREADER READ\/UNREAD LIST (#2006.5849) Loading file: MULTI IMAGE PRINT (#2006.961) Loading file: TIU DOCUMENT (#8925) Loading file: TIU MULTIPLE SIGNATURE (#8925.7) Loading file: TIU PROBLEM LINK (#8925.9) Loading file: TIU EXTERNAL DATA LINK (#8925.91) Loading file: ALERT TRACKING (#8992.1) Loading file: RCIS REFERRAL (#90001) Loading file: RCIS DIAGNOSIS (#90001.01) Loading file: RCIS PROCEDURE (#90001.02) Loading file: RCIS COMMENTS (#90001.03) Loading file: RCIS SECONDARY REFERRAL (#90001.04) Loading file: RCIS MESSAGES (#90001.57)

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Loading file: CHR RECORD (#90002) Loading file: CHR POV (#90002.01) Loading file: CHR EDUCATION PROVIDED (#90002.02) Loading file: A\/R BILL\/IHS (#90050.01) Loading file: A\/R ACCOUNTS\/IHS (#90050.02) Loading file: A\/R TRANSACTIONS\/IHS (#90050.03) Loading file: A\/R BILL ERROR (#90050.04) Loading file: A\/R PREPAYMENT (#90050.06) Loading file: A\/R FLAT RATE POSTING (#90054.01) Loading file: A\/R EDI CLAIM STATUS (#90056.08) Loading file: BLS LOINC EXPORT (#90221) Loading file: ROI LISTING RECORD (#90264) Loading file: BEX REFILL TRANSACTION (#90350.1) Loading file: BDP DESG SPECIALTY PROVIDER (#90360.1) Loading file: BGO PROBLEM PRIORITY (#90362.22) Loading file: HMS REGISTRY (#90451) Loading file: BEH RECONCILIATION (#90461.63) Loading file: IZ EXPORTS (#90480.1) Loading file: ICARE PATIENT (#90507.5) Loading file: ICARE DX CAT REGISTRY (#90509) Loading file: ICARE REMINDER NOTIFICATIONS (#90509.4) Loading file: ICARE DX CAT FACTORS (#90509.5) Loading file: BCDM PATIENT (#90520) Loading file: CM EVENT TRACKING (#90620) Loading file: CM EVENT QUEUE (#90629) Loading file: BJPN PRENATAL PROBLEMS (#90680.01) Loading file: THIRD PARTY ELIGIBLE (#1800008) Loading file: LIST MANAGER (#1800015) Loading file: MEDICAID CLAIM (#1800071) Loading file: C.O. & DEPENDENT BILLING (#1800075) Loading file: DENTAL TREATMENT (#1803001) Loading file: PATIENT (#9000001) Loading file: MEDICARE ELIGIBLE (#9000003) Loading file: MEDICARE CLAIMS (#9000003.01) Loading file: POLICY HOLDER (#9000003.1) Loading file: MEDICAID ELIGIBLE (#9000004) Loading file: MEDICAID CLAIMS (#9000004.01) Loading file: RAILROAD ELIGIBLE (#9000005) Loading file: RAILROAD CLAIMS (#9000005.01) Loading file: PRIVATE INSURANCE ELIGIBLE (#9000006) Loading file: PRIVATE INSURANCE CLAIMS (#9000006.01) Loading file: VAMB ELIGIBLE (#9000006.02) Loading file: VISIT (#9000010) Loading file: V MEASUREMENT (#9000010.01) Loading file: V HOSPITALIZATION (#9000010.02) Loading file: V CHS (#9000010.03) Loading file: V EYE GLASS (#9000010.04) Loading file: V DENTAL (#9000010.05) Loading file: V PROVIDER (#9000010.06) Loading file: V POV (#9000010.07) Loading file: V PROCEDURE (#9000010.08) Loading file: V LAB (#9000010.09) Loading file: V IMMUNIZATION (#9000010.11) Loading file: V SKIN TEST (#9000010.12) Loading file: V EXAM (#9000010.13) Loading file: V MEDICATION (#9000010.14) Loading file: V TREATMENT (#9000010.15) Loading file: V PATIENT ED (#9000010.16) Loading file: V CPT (#9000010.18) Loading file: V ACTIVITY TIME (#9000010.19) Loading file: V DIAGNOSTIC PROCEDURE RESULT (#9000010.21)

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Loading pointer file: VISIT (#9000010)
Loading pointer file: V MEASUREMENT (#9000010.01)
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Loading pointer file: NARRATIVE TEXT TYPE (#9999999.89) Loading pointer file: TRANSFER FACILITY (#9999999.91) Loading pointer file: DISPOSITION OF CARE TYPES (#9999999.92) Loading pointer file: PROVIDER CHANGE REASON (#9999999.93) Loading pointer file: LANGUAGES (#9999999.99) Now updating BREH EHI FILE DEFINITION entries Updating file: 9002011.63 Updating file: 9002011.64 Updating file: 9002011.62 Updating file: 9002011.57 Updating file: 9002274.4 Updating file: 9002274.32 Updating file: 9002274.3 Updating file: 9002313.1 Updating file: 9002313.7 Updating file: 9002313.57 Updating file: 9009018.1 Updating file: 409.77 Updating file: 9000040 Updating file: 120.86 Updating file: 120.85 Updating file: 9009063.5 Updating file: 9009063.1 Updating file: 9009066 Updating file: 9009062.08 Updating file: 359.3 Updating file: 8992.1 Updating file: 409.55 Updating file: 9009036 Updating file: 9009036.1 Updating file: 9009032.4 Updating file: 9009033.85 Updating file: 9009033.91 Updating file: 9000031 Updating file: 90050.02 Updating file: 90050.04 Updating file: 90050.01 Updating file: 90056.08 Updating file: 90054.01 Updating file: 90050.06 Updating file: 90050.03 Updating file: 90520 Updating file: 53.79 Updating file: 53.78 Updating file: 90360.1 Updating file: 90461.63 Updating file: 392.2 Updating file: 392 Updating file: 9000044 Updating file: 90350.1 Updating file: 90362.22 Updating file: 9002011.06 Updating file: 9002084.115 Updating file: 9002084.11 Updating file: 9002084.12 Updating file: 9002084.1 Updating file: 9002084 Updating file: 9002084.118 Updating file: 354.1 Updating file: 354

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Updating file: 9009015

Updating file: 9009017.1

Updating file: 9000042

Updating file: 9000032

Schema import file BREH_OIT_20230704.TXT has been successfully imported

as schema BREH_OIT_20230704 and can now be used for EHI file exports

Hit ENTER to continue:
```

Figure 3-5: Typical schema import example

3.5.2 Create/Edit/Remove Custom Schema Definition

This menu option allows users to create, edit, or remove a schema definition. This schema can then be used to output custom file/field information being recorded at the site. Multiple functions can be performed using this option.

3.5.2.1 Create Schema Definition

Sites have the ability to create their own custom schemas. This can be useful if a site has modified standard patient related data files to store additional patient information captured by their site. A custom schema can be created to include that extra information. Sites can also create their own custom schemas if they wish to generate patient files containing specific patient information. For example, they could create a custom schema that contains only the PATIENT (#9000001) and VA PATIENT (#2) files and then generate EHI documents using that schema which have most of their stored patient demographic information. The following example (Figure 3-6) shows how to create a custom schema definition. In this example the new schema is being copied from an existing national schema definition.

Note: If an EHI document is created using a custom schema definition, that schema definition file must be made available in a publicly accessible location where the patient can retrieve it. In the example below the fictional URL <u>https://www.siteurl.com/publicschema/</u> has been listed as the public location of the custom schema file.

```
BREH Schema Menu
```

```
    Import Schema File
    Create/Edit/Remove Custom Schema Definition
    Generate Schema Export File
    This option will allow you to create, edit or remove a custom schema definition. This schema can then be used to output custom file/field information being recorded at the site.
```

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Select one of the following: С Create a new schema definition Ε Edit an existing schema definition R Remove an existing schema definition Quit Q Please choose what you would like to do: Q// **C**reate a new schema definition Would you like to copy an existing schema? YES//<Enter> Please select the schema definition to copy from Schema: BREH OIT 20230704//<Enter> Please enter the name of the new schema. Schema names must be between 3 and 30 characters in length. Custom schema names cannot start with 'BREH ' Schema definitions will be exported as a .txt file with the name entered here so it should not contain characters not allowed in OS file names. Schema export definitions must be placed in a publicly accessible location so that they can be retrieved by anyone that requests a copy of their electronic health information (EHI). The URL entered here will be included in any EHI data files generated using this Schema Definition. Enter the publicly accessible URL where this schema will be located: https://www .ihs.gov/rpms/applications/ftp/?parent=&fld=EHI Schemas Replace ... With https://www.siteurl.com/publicschema/ Replace https://www.siteurl.com/publicschema/ Copy existing schema 'BREH OIT 20230704' to new schema 'TESTING'? NO// YES Copying schema FILE entries VA PATIENT (#2) PRF ASSIGNMENT (#26.13) PRF HL7 EVENT (#26.21) PATIENT ENROLLMENT (#27.11) ENROLLMENT QUERY LOG (#27.12) ENROLLMENT\/ELIGIBILITY UPLOAD AUDIT (#27.14) MST HISTORY (#29.11) INCONSISTENT DATA (#38.5) OPC (#40.1) OPC ERRORS (#40.15) SCHEDULED ADMISSION (#41.1) PRE-REGISTRATION AUDIT (#41.41) PRE-REGISTRATION CALL LOG (#41.43) WAIT LIST (#42.5) G&L CORRECTIONS (#43.5) CENSUS WORKFILE (#45.85) PAF (#45.9) PRESCRIPTION (#52) PATIENT NOTIFICATION (Rx READY) (#52.11) RX VERIFY (#52.4) PENDING OUTPATIENT ORDERS (#52.41)

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A\/R TABLE ENTRY\/IHS (#90052.02) A\/R PARENT\/SATELLITE\/IHS (#90052.05) A\/R EDI STND CLAIM ADJ REASONS (#90056.06) A\/R EDI CLAIM STATUS CATEGORY CODES (#90056.09) A\/R EDI CLAIM STATUS CODES (#90056.1) A\/R EDI ENTITY ID CODE (#90056.11) A\/R EDI REMARK CODES (#90056.23) ROI LISTING REC PARTY (#90264.1) ROI LISTING PARAMETER (#90264.2) ROI LISTING DEPARTMENT (#90264.3) BDP DESG SPEC PROV CATEGORY (#90360.3) HMS BASE (#90450) HMS ETIOLOGY (#90451.5) HMS CLINICAL CLASSIFICATION (#90451.7) BEH ALLERGY VALUES (#90460.05) BEH ALLERGY EVENT TYPES (#90460.06) BEH EPCS CERTIFICATE STATUS (#90460.12) IHS UCUM (#90475.3) ICARE DEFINITIONS (#90506) ICARE DIAGNOSIS CATEGORIES (#90506.2) ICARE VIEW SOURCE (#90506.5) ICARE IMMUNIZATION GROUPS (#90507.4) ICARE TREATMENT PROMPTS (#90508.5) ICARE DX CAT REASONS (#90509.1) ICARE DX CAT FACTORS (#90509.5) CM EVENT TRACKING (#90620) CM EVENT RESULT TYPE (#90620.9) CM EVENT (#90621) CM EVENT FILE TYPE (#90621.1) CM EVENT CATEGORY (#90621.2) CM EVENT NOTIFICATION TYPE (#90622) CM EVENT QUEUE (#90629) TELEHEALTH TYPE (#90636.01) TELEHEALTH SERVICE DELIVERY (#90636.02) PATIENT STATUS CODE (NUBC) (#99999.04) CONTRACEPTIVE METHODS (#99999.11) READINESS TO LEARN (#99999.15) TREATMENT PLAN TYPE (#99999.21) TREATMENT PLAN DISCONTINUED REASON (#99999.22) CLINICAL SERVICES (#1800016) APC DATA (#1800018) TOOTH IDENTIFICATION (#1803002) PATIENT (#9000001) MEDICARE ELIGIBLE (#9000003) POLICY HOLDER (#9000003.1) MEDICAID ELIGIBLE (#9000004) RAILROAD ELIGIBLE (#9000005) PRIVATE INSURANCE ELIGIBLE (#9000006) VISIT (#9000010) V MEASUREMENT (#9000010.01) V CHS (#9000010.03) V EYE GLASS (#9000010.04) V DENTAL (#9000010.05) V PROVIDER (#9000010.06) V POV (#9000010.07) V PROCEDURE (#9000010.08) V LAB (#9000010.09) V IMMUNIZATION (#9000010.11) V SKIN TEST (#9000010.12) V EXAM (#9000010.13) V MEDICATION (#9000010.14)

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V TREATMENT (#9000010.15) V PATIENT ED (#9000010.16) V CPT (#9000010.18) V ACTIVITY TIME (#9000010.19) V DIAGNOSTIC PROCEDURE RESULT (#9000010.21) V RADIOLOGY (#9000010.22) V HEALTH FACTORS (#9000010.23) V PATHOLOGY (#9000010.24) V MICROBIOLOGY (#9000010.25) V EMERGENCY VISIT RECORD (#9000010.29) V PHN (#9000010.32) V TRANSACTION CODES (#9000010.33) V NARRATIVE TEXT (#9000010.34) V ELDER CARE (#9000010.35) V TRANSACTION CHARGE (#9000010.37) V UNHF (#9000010.38) V ASTHMA (#9000010.41) V INFANT FEEDING CHOICES (#9000010.44) V WELL CHILD (#9000010.46) V TELEHEALTH (#9000010.48) V NUTRITION SCREENING (#9000010.49) V ANTICOAGULATION (#9000010.51) V UPDATED\/REVIEWED (#9000010.54) V VISIT INSTRUCTIONS (#9000010.58) V REFERRAL (#9000010.59) V TREATMENT\/REGIMEN (#9000010.61) V AMI (#9000010.62) V STROKE (#9000010.63) PROBLEM (#9000011) FAMILY HISTORY FAMILY MEMBERS (#9000014.1) ELIGIBILITY MODIFIERS (#9000030) PATIENT APPLICATION TYPES (#9000048) CARE PLAN (#9000092) PATIENT GOAL TYPES (#9001002.4) PCC DATA ENTRY EDUC TOPICS (#9001002.5) HEALTH SUMMARY PWH TYPE (#9001026) DENTAL FOLLOWUP CATEGORY (#9002003.1) DENTAL DEFERRED NEED TYPES (#9002003.3) DENTAL OPERATIVE SITE (#9002010.03) MHSS RECORD (#9002011) MHSS RECORD HEALTH FACTORS (#9002011.08) MHSS RECORD MEASUREMENTS (#9002011.12) MHSS RECORD INTAKE (#9002011.13) MHSS RECORD UPDATED / REVIEWED (#9002011.14) MHSS PATIENT PROBLEM LIST (#9002011.51) MHSS PATIENT TREATMENT PLANS (#9002011.56) *MHSS PATIENT TP PROBLEMS (#9002011.62) *MHSS PATIENT TP GOALS 2 (#9002011.63) MHSS ACTIVITY CODES (#9002012) MHSS TYPE OF CONTACT (#9002012.1) MHSS PROBLEM\/POV CODES (#9002012.2) MHSS PERSONAL HX FACTORS (#9002012.7) MHSS DISPOSITION TYPES (#9002012.8) MHSS AXIS IV CODES (#9002012.9) MHSS NAVAJO REF CONTENT (#9002013.1) MHSS CDMIS DRUG TYPES (#9002013.5) MHSS PLACEMENT TYPES (#9002013.6) MHSS CDMIS COMPONENT (#9002013.7) MHSS LOCAL SERVICE SITES (#9002013.9) MHSS SUICIDE DISPOSITION TYPES (#9002014.6) MHSS SUICIDE DRUG TYPES (#9002014.7)

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SUICIDE SUBSTANCE DRUG (#9002014.71) MHSS PREVENTION ACTIVITIES (#9002014.8) MHSS CD DIFFERENCE REASON (#9002014.81) MHSS SUICIDE CONTRIBUTING FACTORS (#9002014.9) BSDX RESOURCE (#9002018.1) CHS COMMON ACCOUNTING NUMBER (#9002062) CHS SERVICE CLASS CODES (#9002063) CHS DEFERRED SERVICES CATEGORY (#9002066.5) CHS CONTRACT ACTION TYPE (#9002068.1) CHS DENIAL FACILITY (#9002072) CHS DENIAL REASON (#9002073) CHS MEDICAL PRIORITY (#9002073.1) CHS DENIAL STATUS (#9002074) BI PATIENT (#9002084) BI CASE MANAGER (#9002084.01) BI V IMMUNIZATIONS DELETED (#9002084.118) BI TABLE ERROR CODE (#9002084.33) BI LETTER (#9002084.4) BI TABLE REACTION (#9002084.8) BI TABLE CONTRA REASON (#9002084.81) BI TABLE ELIGIBILITY CODES (#9002084.83) BI TABLE VACCINE GROUP (SERIES TYPE) (#9002084.93) BW PATIENT (#9002086) BW CASE MANAGER (#9002086.01) BW PAP REGIMEN (#9002086.03) BW PROCEDURE (#9002086.1) BW PROCEDURE TYPE (#9002086.2) BW MAMMOGRAPHY PROJECT RESPONSES (#9002086.25) BW RESULTS\/DIAGNOSIS (#9002086.31) BW RACE MAPPINGS (NBCCEDP) (#9002086.34) BW NOTIFICATION TYPE (#9002086.403) BW NOTIFICATION PURPOSE (#9002086.404) BW NOTIFICATION OUTCOME (#9002086.405) BW CERVICAL TX NEED (#9002086.5) BW BREAST TX NEED (#9002086.51) BW CDC CBE CATEGORIES (#9002086.93) OA SCREENS (#9002160.8) QI INDICATORS (#9002168.2) QI ACTION (#9002168.6) QI REVIEW STAGE (#9002168.7) QI FINDINGS (#9002168.8) QI USER (#9002168.9) QI TEAM (#9002169.1) OI EXCEPTION (#9002169.2) QI LEVEL (#9002169.3) CDMIS INIT\/INFO\/FU (#9002170) CDMIS COMPONENT (#9002170.1) CDMIS PHARMACOTHERAPY DRUGS (#9002170.11) CDMIS PROBLEM (#9002170.3) CDMIS PLACEMENT REASON (#9002170.4) CDMIS DRUG TABLE (#9002170.5) CDMIS SERVICE (#9002170.6) CDMIS LOCATION (#9002170.8) CDMIS TRANS\/DISC\/CLOSE (#9002171) CDMIS CLIENT SVCS (#9002172) CDMIS VISIT (#9002172.1) CDMIS PROGRAM (#9002173) 3P PCC VISIT BILLING STATUS (#9002274.02) 3P CODES (#9002274.03) 3P MODIFIERS (#9002274.07) 3P EXPORT MODE (#9002274.08)

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3P CLOSED CLAIM REASON (#9002274.301) 3P CANCEL CLAIM REASONS (#9002274.31) 3P CLAIM PENDING STATUS (#9002274.33) 3P CONDITION INDICATORS (#9002274.34) 3P REFERENCE LAB LOCATIONS (#9002274.35) 3P BILL (#9002274.4) 3P UFMS EXPORTS (#9002274.46) 3P CANCEL BILL REASONS (#9002274.47) 3P TX STATUS (#9002274.6) 3P DENIAL REASONS (#9002274.7) 3P CHARGE MASTER (#9002274.75) 3P VISIT TYPE (#9002274.8) 3P AREA OFFICE EXPORT (#9002274.9) 3P PROVIDER TAXONOMY (#9002274.95) ABSP CLAIMS (#9002313.02) ABSP RESPONSES (#9002313.03) ABSP INSURER (#9002313.4) ABSP DUR\/PPS (#9002313.473) ABSP DIAGNOSIS CODE (#9002313.491) ABSP NCPDP OVERRIDE (#9002313.511) ABSP ORIGIN OF INPUT (#9002313.516) ABSP DIAL OUT (#9002313.55) ABSP PHARMACIES (#9002313.56) ABSP NCPDP REJECT CODES (#9002313.93) CHART DEFICIENCY-OLD (#9009013.5) CHART DEFICIENCY (#9009016.4) WAITING LIST REASON (#9009017.4) IHS LAB CPT CODE (#9009021) APSP MANUFACTURER (#9009031.3) APSP INTERVENTION TYPE (#9009032.3) APSP INTERVENTION RECOMMENDATION (#9009032.5) APSP MEDHIST RESULTS (#9009033.86) APSP MEDHIST ELIG\/BENEFIT (#9009033.87) APSP PHARMACY LIST (#9009033.9) APSP SURESCRIPTS REQUESTS (#9009033.91) APSP CS AUDIT LOG CODES (#9009036.2) AGEV DATE OUALIFIER TABLE (#9009066.1) AGEV ELIGIBILITY INFORMATION TABLE (#9009066.2) AGEV SERVICE TYPE TABLE (#9009066.3) AGEV INSURANCE TYPE TABLE (#9009066.4) AGEV REQUEST VALIDATION TABLE (#9009066.7) ER VISIT (#9009080) ER ADMISSION (#9009081) ER LOCAL FACILITY (#9009082.1) ER CONSULTANT TYPE (#9009082.9) ER OPTIONS (#9009083) ER INSTRUCTIONS (#9009084) PATIENT RECORD DISPOSITION (#9999999.02) TRIBE (#9999999.03) COMMUNITY (#9999999.05) LOCATION (#9999999.06) MEASUREMENT TYPE (#9999999.07) EDUCATION TOPICS (#9999999.09) CLINICAL REVIEW ACTION (#9999999.101) SEXUAL ORIENTATION (#9999999.103) GENDER IDENTITY (#9999999.104) PRONOUNS (#9999999.105) IMPLANTABLE DEVICE CATEGORIES (#9999999.106) VENDOR (#9999999.11) IMMUNIZATION (#9999999.14) EXAM (#9999999.15)

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TREATMENT (#9999999.17) INSURER (#9999999.18) BENEFICIARY (#9999999.25) PROVIDER NARRATIVE (#9999999.27) SKIN TEST (#9999999.28) ADA CODE (#9999999.31) MEDICARE SUFFIX (#9999999.32) RAILROAD PREFIX (#9999999.33) RELATIONSHIP (#9999999.36) PATIENT RESIDENCE (#9999999.361) U\/R DENIAL REASONS (#9999999.37) IMMUNIZATION LOT (#9999999.41) BIC ELIGIBILITY (#9999999.48) ADMISSION SOURCE (#9999999.53) COMMON ACCOUNTING NUMBER (#9999999.57) HEALTH FACTORS (#9999999.64) COVERAGE TYPE (#9999999.65) DIAGNOSTIC PROCEDURE RESULT (#9999999.68) REVENUE CODES (#9999999.72) REFUSAL TYPE (#9999999.73) EMPLOYER (#9999999.75) EMPLOYER GROUP INSURANCE (#9999999.77) SSN STATUS (#9999999.78) ASA-PS CODE (#9999999.85) CPT MODIFIER (#9999999.88) NARRATIVE TEXT TYPE (#9999999.89) TRANSFER FACILITY (#9999999.91) DISPOSITION OF CARE TYPES (#9999999.92) PROVIDER CHANGE REASON (#9999999.93) LANGUAGES (#9999999.99) New schema has been created Would you like to edit the new schema? YES// NO

Figure 3-6: Creating a custom schema definition

3.5.2.2 Edit Schema Definition

Custom schema definitions can be edited by selecting the **Edit an existing schema definition** option within the **Create/Edit/Remove Custom Schema Definition** option. Sub options in this option are shown in Figure 3-7.

```
This option will allow you to create, edit or remove a
custom schema definition. This
schema can then be used to output custom file/field
information being recorded at the site.
Select one of the following:
C Create a new schema definition
E Edit an existing schema definition
R Remove an existing schema definition
Q Quit
Please choose what you would like to do: Q// Edit an existing schema
definition
```

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```
Please select the schema definition to edit
Schema: TESTING//<Enter>
Editing schema definition: TESTING
Select one of the following:
A Add file to schema definition
C Add/Change/Remove schema ancillary file definition
E Edit file in a schema definition
R Remove file from a schema definition
Q Quit
```

Figure 3-7: The Edit an existing schema definition options

3.5.2.2.1 Add file to schema definition

The current national schemas contain all patient related files so if a custom schema has been copied from a national schema all known files will be included. This option will allow a site to add their own patient related files to a custom schema definition. Since there are a number of steps that must be taken in order to make a file available for use in the EHI application, if your site does have a custom file or files that you want to include in your EHI output, it is recommended that you submit a ticket to request that the BREH application team assist in getting the file set up so that it can be included in your custom schema definitions.

This option can also be used when sites wish to create their own schema definitions without copying the definition from an existing schema. In the following example (Figure 3-8), a new (blank) schema "CUSTOM SCRATCH SCHEMA" has been created and the option has been used to add the VA PATIENT (#2) and PATIENT (#9000001) files to the custom schema definition. Any EHI document created using this schema definition will only contain a patient's data from these two files.

Note: For any custom schema that has not been copied from an original BREH_OIT national schema, the file definition used for files in the schema will be the file definition found at the site.

```
Editing schema definition: CUSTOM SCRATCH SCHEMA

Select one of the following:

A Add file to schema definition

C Add/Change/Remove schema ancillary file definition

R Remove file from a schema definition

Q Quit
```

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What action would you like to perform: Q//Add file to schema definition Please select the file you would like to add to the schema definition. FILE: VA PATIENT File: VA PATIENT File Number: 2 Would you like to add this file to the schema? NO// YES Adding file VA PATIENT (#2) to the schema definition... Update completed File VA PATIENT (#2) successfully added to the schema definition Please select the file you would like to add to the schema definition. FILE: PATIENT 1 PATTENT PATIENT ALLERGIES 2 3 PATIENT APPLICATION TYPES PATIENT APPLICATIONS 4 PATIENT APPOINTMENT INFO LOG 5 Press <RETURN> to see more, '^' to exit this list, OR CHOOSE 1-5: 1 PATIENT File: PATIENT File Number: 9000001 Would you like to add this file to the schema? NO// YES Adding file PATIENT (#9000001) to the schema definition... Update completed File PATIENT (#9000001) successfully added to the schema definition Please select the file you would like to add to the schema definition. FILE: Select one of the following: А Add file to schema definition Add/Change/Remove schema ancillary file definition С R Remove file from a schema definition 0 Ouit What action would you like to perform: Q// Quit Schema has changed. Need to update schema ancillary file definitions... Setting up definition for ancillary file: VA PATIENT (#2) Setting up definition for ancillary file: INSTITUTION (#4) Setting up definition for ancillary file: AGENCY (#4.11) Setting up definition for ancillary file: STATE (#5)

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```
Setting up definition for ancillary file: ELIGIBILITY CODE (#8)
Setting up definition for ancillary file: RACE (#10)
Setting up definition for ancillary file: ETHNICITY (#10.2)
Setting up definition for ancillary file: RACE AND ETHNICITY COLLECTION
METHOD (
#10.3)
Setting up definition for ancillary file: MARITAL STATUS (#11)
Setting up definition for ancillary file: RELIGION (#13)
Setting up definition for ancillary file: NAME COMPONENTS (#20)
Setting up definition for ancillary file: PERIOD OF SERVICE (#21)
Setting up definition for ancillary file: POW PERIOD (#22)
Setting up definition for ancillary file: BRANCH OF SERVICE (#23)
Setting up definition for ancillary file: TYPE OF DISCHARGE (#25)
Setting up definition for ancillary file: PATIENT ENROLLMENT (#27.11)
Setting up definition for ancillary file: CATASTROPHIC DISABILITY REASONS
(#27.1
7)
Setting up definition for ancillary file: DISPOSITION LATE REASON (#30)
Setting up definition for ancillary file: DISABILITY CONDITION (#31)
Setting up definition for ancillary file: OTHER FEDERAL AGENCY (#35)
Setting up definition for ancillary file: SHARING AGREEMENT SUB-CATEGORY
(#35.2)
Setting up definition for ancillary file: INSURANCE COMPANY (#36)
Setting up definition for ancillary file: DISPOSITION (#37)
Setting up definition for ancillary file: MEDICAL CENTER DIVISION (#40.8)
Setting up definition for ancillary file: HOSPITAL LOCATION (#44)
Setting up definition for ancillary file: FACILITY TREATING SPECIALTY
(#45.7)
Setting up definition for ancillary file: CATEGORY OF BENEFICIARY (#45.82)
Setting up definition for ancillary file: LAB DATA (#63)
Setting up definition for ancillary file: REFERRAL PATIENT (#67)
Setting up definition for ancillary file: ICD DIAGNOSIS (#80)
Setting up definition for ancillary file: NEW PERSON (#200)
Setting up definition for ancillary file: GROUP INSURANCE PLAN (#355.3)
Setting up definition for ancillary file: TYPE OF PATIENT (#391)
Setting up definition for ancillary file: AMIS SEGMENT (#391.1)
Setting up definition for ancillary file: TEAM (#404.51)
Setting up definition for ancillary file: PATIENT MOVEMENT (#405)
Setting up definition for ancillary file: ROOM-BED (#405.4)
Setting up definition for ancillary file: MEANS TEST STATUS (#408.32)
Setting up definition for ancillary file: APPOINTMENT TYPE (#409.1)
Setting up definition for ancillary file: CANCELLATION REASONS (#409.2)
Setting up definition for ancillary file: OUTPATIENT ENCOUNTER (#409.68)
Setting up definition for ancillary file: SUBSCRIPTION CONTROL (#774)
Setting up definition for ancillary file: ELIGIBILITY MODIFIERS (#9000030)
Setting up definition for ancillary file: PATIENT RECORD DISPOSITION
(#9999999.0
2)
Setting up definition for ancillary file: TRIBE (#9999999.03)
Setting up definition for ancillary file: COMMUNITY (#9999999.05)
Setting up definition for ancillary file: LOCATION (#9999999.06)
Setting up definition for ancillary file: SEXUAL ORIENTATION (#9999999.103)
Setting up definition for ancillary file: GENDER IDENTITY (#9999999.104)
Setting up definition for ancillary file: PRONOUNS (#9999999.105)
Setting up definition for ancillary file: INSURER (#9999999.18)
Setting up definition for ancillary file: BENEFICIARY (#9999999.25)
Setting up definition for ancillary file: RELATIONSHIP (#9999999.36)
Setting up definition for ancillary file: PATIENT RESIDENCE (#9999999.361)
Setting up definition for ancillary file: BIC ELIGIBILITY (#9999999.48)
Setting up definition for ancillary file: EMPLOYER (#9999999.75)
Setting up definition for ancillary file: SSN STATUS (#9999999.78)
```

```
Setting up definition for ancillary file: PROVIDER CHANGE REASON
(#9999999.93)
Setting up definition for ancillary file: LANGUAGES (#99999999.99)
Update Complete
```

Figure 3-8: Adding files to a custom schema definition

3.5.2.2.2 Add/Change/Remove schema ancillary file definition

This option allows a site to adjust the ancillary file definition utilized by a particular schema. Since this option will rarely be used it is recommended that you submit a ticket to request that the BREH application team assist you in setting up a custom ancillary file definition so that it can be selected in your custom schema definitions. Figure 3-9 shows the screen displayed when selecting this option.

```
Editing schema definition: CUSTOM SCRATCH SCHEMA
     Select one of the following:
         А
                   Add file to schema definition
          С
                    Add/Change/Remove schema ancillary file definition
          R
                    Remove file from a schema definition
                    Quit
          0
What action would you like to perform: Q//C Add/Change/Remove schema
ancillary
 file definition
You can choose to apply an ancillary file definition. Ancillary
file definitions are used to control what fields in pointer files get
output with each field. For example, you could set up an ancillary file
definition that will output the ABBREVIATION (#1) field value for any
files/fields in the schema that point to the STATE(#5) file. If an
ancillary file definition is not chosen, only the top level #.01 field
value of the pointed to entry will be included with the entry. If an
ancillary file definition is chosen, the top level #.01 field plus any
other fields specified in the definition will be included.
Current Ancillary File Definition: <None>
     Select one of the following:
                   Add/Change current ancillary file definition
          А
          0
                   Quit
What action would you like to perform: Q//
```



3.5.2.2.3 Edit file in a schema definition

For any custom schema definition that was originally copied from another schema, you will be able to choose what version of the file to include in the custom schema definition. When initially created, all files will use the file definitions found in the original copied from schema. If a site has a file that they have modified/enhanced then they can use the **Reset definition to local version of file definition (L)** option to switch the custom schema to use the local file definition (as shown in Figure 3-10). If a file is found in the original copied from schema, you can always use the **Reset definition to copied from schema definition (C)** option to revert back to using the original schema file definition.

```
Please choose what you would like to do: Q//E Edit an existing schema
definition
Please select the schema definition to edit
Schema: CUSTOM SCRATCH SCHEMA// TESTING
Editing schema definition: TESTING
     Select one of the following:
                    Add file to schema definition
          А
                    Add/Change/Remove schema ancillary file definition
          С
          Ε
                   Edit file in a schema definition
          R
                   Remove file from a schema definition
          Q
                    Ouit
What action would you like to perform: Q//Edit file in a schema definition
Please select the file you would like to edit the schema definition for.
Select FILE: VA PATIENT
File: VA PATIENT (#2)
Origin: COPIED FILE
     Select one of the following:
          С
                    Reset definition to copied from schema definition
          L
                    Reset definition to local version of file definition
          Q
                    Quit
Select the edit action to perform for this file: \text{Q}// L Reset definition to
local version of file definition
This option will update the schema to use the local data
dictionary definition for a file. Note that performing this
action may wipe out customizations entered for this schema
file definition.
Are you sure you want to do this? N// YES
```

```
Updating schema to use local copy...
Update completed
File: VA PATIENT (#2)
Origin: LOCAL FILE
     Select one of the following:
                    Reset definition to copied from schema definition
          С
          L
                    Reset definition to local version of file definition
                    Quit
          Q
Select the edit action to perform for this file: Q//Quit
Please select the file you would like to edit the schema definition for.
Select FILE: <Enter>
     Select one of the following:
         А
                   Add file to schema definition
                    Add/Change/Remove schema ancillary file definition
         С
                    Edit file in a schema definition
         Е
                   Remove file from a schema definition
         R
          0
                    Ouit
What action would you like to perform: Q// Quit
Schema has changed. Need to update schema ancillary file
definitions...
Setting up definition for ancillary file: FILE (#1)
Setting up definition for ancillary file: VA PATIENT (#2)
Setting up definition for ancillary file: DEVICE (#3.5)
Setting up definition for ancillary file: MAIL GROUP (#3.8)
Setting up definition for ancillary file: MESSAGE (#3.9)
Setting up definition for ancillary file: INSTITUTION (#4)
Setting up definition for ancillary file: AGENCY (#4.11)
Setting up definition for ancillary file: STATE (#5)
Setting up definition for ancillary file: PROVIDER CLASS (#7)
Setting up definition for ancillary file: ELIGIBILITY CODE (#8)
Setting up definition for ancillary file: MAS ELIGIBILITY CODE (#8.1)
Setting up definition for ancillary file: PACKAGE (#9.4)
Setting up definition for ancillary file: RACE (#10)
Setting up definition for ancillary file: ETHNICITY (#10.2)
Setting up definition for ancillary file: RACE AND ETHNICITY COLLECTION
METHOD (
#10.3)
Setting up definition for ancillary file: MARITAL STATUS (#11)
Setting up definition for ancillary file: RELIGION (#13)
Setting up definition for ancillary file: OPTION (#19)
Setting up definition for ancillary file: NAME COMPONENTS (#20)
Setting up definition for ancillary file: PERIOD OF SERVICE (#21)
Setting up definition for ancillary file: POW PERIOD (#22)
Setting up definition for ancillary file: BRANCH OF SERVICE (#23)
Setting up definition for ancillary file: TYPE OF DISCHARGE (#25)
Setting up definition for ancillary file: PATIENT ENROLLMENT (#27.11)
```

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Setting up definition for ancillary file: HEALTH SUMMARY PWH TYPE (#9001026)Setting up definition for ancillary file: DENTAL FOLLOWUP CATEGORY (#9002003.1)Setting up definition for ancillary file: DENTAL DEFERRED NEED TYPES (#9002003.3 Setting up definition for ancillary file: DENTAL OPERATIVE SITE (#9002010.03)Setting up definition for ancillary file: MHSS RECORD (#9002011) Setting up definition for ancillary file: MHSS RECORD HEALTH FACTORS (#9002011.0 8) Setting up definition for ancillary file: MHSS RECORD MEASUREMENTS (#9002011.12)Setting up definition for ancillary file: MHSS RECORD INTAKE (#9002011.13) Setting up definition for ancillary file: MHSS RECORD UPDATED/REVIEWED (#9002011 .14) Setting up definition for ancillary file: MHSS PATIENT PROBLEM LIST (#9002011.51 Setting up definition for ancillary file: MHSS PATIENT TREATMENT PLANS (#9002011 .56) Setting up definition for ancillary file: *MHSS PATIENT TP PROBLEMS (#9002011.62 Setting up definition for ancillary file: *MHSS PATIENT TP GOALS 2 (#9002011.63)Setting up definition for ancillary file: MHSS ACTIVITY CODES (#9002012) Setting up definition for ancillary file: MHSS TYPE OF CONTACT (#9002012.1) Setting up definition for ancillary file: MHSS PROBLEM/POV CODES (#9002012.2)Setting up definition for ancillary file: MHSS PERSONAL HX FACTORS (#9002012.7)Setting up definition for ancillary file: MHSS DISPOSITION TYPES (#9002012.8)Setting up definition for ancillary file: MHSS AXIS IV CODES (#9002012.9) Setting up definition for ancillary file: MHSS NAVAJO REF CONTENT (#9002013.1)Setting up definition for ancillary file: MHSS CDMIS DRUG TYPES (#9002013.5)Setting up definition for ancillary file: MHSS PLACEMENT TYPES (#9002013.6) Setting up definition for ancillary file: MHSS CDMIS COMPONENT (#9002013.7) Setting up definition for ancillary file: MHSS LOCAL SERVICE SITES (#9002013.9) Setting up definition for ancillary file: MHSS SUICIDE DISPOSITION TYPES (#90020 14.6) Setting up definition for ancillary file: MHSS SUICIDE DRUG TYPES (#9002014.7)Setting up definition for ancillary file: SUICIDE SUBSTANCE DRUG (#9002014.71) Setting up definition for ancillary file: MHSS PREVENTION ACTIVITIES (#9002014.8 Setting up definition for ancillary file: MHSS CD DIFFERENCE REASON (#9002014.81

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Setting up definition for ancillary file: MHSS SUICIDE CONTRIBUTING FACTORS (#90 02014.9)Setting up definition for ancillary file: BSDX RESOURCE (#9002018.1) Setting up definition for ancillary file: CHS COMMON ACCOUNTING NUMBER (#9002062 Setting up definition for ancillary file: CHS SERVICE CLASS CODES (#9002063)Setting up definition for ancillary file: CHS DEFERRED SERVICES CATEGORY (#90020 66.5) Setting up definition for ancillary file: CHS CONTRACT ACTION TYPE (#9002068.1)Setting up definition for ancillary file: CHS DENIAL FACILITY (#9002072) Setting up definition for ancillary file: CHS DENIAL REASON (#9002073) Setting up definition for ancillary file: CHS MEDICAL PRIORITY (#9002073.1) Setting up definition for ancillary file: CHS DENIAL STATUS (#9002074) Setting up definition for ancillary file: BI PATIENT (#9002084) Setting up definition for ancillary file: BI CASE MANAGER (#9002084.01) Setting up definition for ancillary file: BI V IMMUNIZATIONS DELETED (#9002084.1 18) Setting up definition for ancillary file: BI TABLE ERROR CODE (#9002084.33) Setting up definition for ancillary file: BI LETTER (#9002084.4) Setting up definition for ancillary file: BI TABLE REACTION (#9002084.8) Setting up definition for ancillary file: BI TABLE CONTRA REASON (#9002084.81)Setting up definition for ancillary file: BI TABLE ELIGIBILITY CODES (#9002084.8 3) Setting up definition for ancillary file: BI TABLE VACCINE GROUP (SERIES TYPE) (#9002084.93) Setting up definition for ancillary file: BW PATIENT (#9002086) Setting up definition for ancillary file: BW CASE MANAGER (#9002086.01) Setting up definition for ancillary file: BW PAP REGIMEN (#9002086.03) Setting up definition for ancillary file: BW PROCEDURE (#9002086.1) Setting up definition for ancillary file: BW PROCEDURE TYPE (#9002086.2) Setting up definition for ancillary file: BW MAMMOGRAPHY PROJECT RESPONSES (#900 2086.25) Setting up definition for ancillary file: BW RESULTS/DIAGNOSIS (#9002086.31)Setting up definition for ancillary file: BW RACE MAPPINGS (NBCCEDP) (#9002086.3 4) Setting up definition for ancillary file: BW NOTIFICATION TYPE (#9002086.403) Setting up definition for ancillary file: BW NOTIFICATION PURPOSE (#9002086.404)Setting up definition for ancillary file: BW NOTIFICATION OUTCOME (#9002086.405)Setting up definition for ancillary file: BW CERVICAL TX NEED (#9002086.5) Setting up definition for ancillary file: BW BREAST TX NEED (#9002086.51) Setting up definition for ancillary file: BW CDC CBE CATEGORIES (#9002086.93)Setting up definition for ancillary file: QA SCREENS (#9002160.8) Setting up definition for ancillary file: QI INDICATORS (#9002168.2) Setting up definition for ancillary file: QI ACTION (#9002168.6) Setting up definition for ancillary file: QI REVIEW STAGE (#9002168.7)

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Setting up definition for ancillary file: QI FINDINGS (#9002168.8)
Setting up definition for ancillary file: QI USER (#9002168.9)
Setting up definition for ancillary file: QI TEAM (#9002169.1)
Setting up definition for ancillary file: QI EXCEPTION (#9002169.2)
Setting up definition for ancillary file: QI LEVEL (#9002169.3)
Setting up definition for ancillary file: CDMIS INIT/INFO/FU (#9002170)
Setting up definition for ancillary file: CDMIS COMPONENT (#9002170.1)
Setting up definition for ancillary file: CDMIS PHARMACOTHERAPY DRUGS
(#9002170.
11)
Setting up definition for ancillary file: CDMIS PROBLEM (#9002170.3)
Setting up definition for ancillary file: CDMIS PLACEMENT REASON
(#9002170.4)
Setting up definition for ancillary file: CDMIS DRUG TABLE (#9002170.5)
Setting up definition for ancillary file: CDMIS SERVICE (#9002170.6)
Setting up definition for ancillary file: CDMIS LOCATION (#9002170.8)
Setting up definition for ancillary file: CDMIS TRANS/DISC/CLOSE (#9002171)
Setting up definition for ancillary file: CDMIS CLIENT SVCS (#9002172)
Setting up definition for ancillary file: CDMIS VISIT (#9002172.1)
Setting up definition for ancillary file: CDMIS PROGRAM (#9002173)
Setting up definition for ancillary file: 3P PCC VISIT BILLING STATUS
(#9002274.
02)
Setting up definition for ancillary file: 3P CODES (#9002274.03)
Setting up definition for ancillary file: 3P MODIFIERS (#9002274.07)
Setting up definition for ancillary file: 3P EXPORT MODE (#9002274.08)
Setting up definition for ancillary file: 3P CLOSED CLAIM REASON
(#9002274.301)
Setting up definition for ancillary file: 3P CANCEL CLAIM REASONS
(#9002274.31)
Setting up definition for ancillary file: 3P CLAIM PENDING STATUS
(#9002274.33)
Setting up definition for ancillary file: 3P CONDITION INDICATORS
(#9002274.34)
Setting up definition for ancillary file: 3P REFERENCE LAB LOCATIONS
(#9002274.3
5)
Setting up definition for ancillary file: 3P BILL (#9002274.4)
Setting up definition for ancillary file: 3P UFMS EXPORTS (#9002274.46)
Setting up definition for ancillary file: 3P CANCEL BILL REASONS
(#9002274.47)
Setting up definition for ancillary file: 3P TX STATUS (#9002274.6)
Setting up definition for ancillary file: 3P DENIAL REASONS (#9002274.7)
Setting up definition for ancillary file: 3P CHARGE MASTER (#9002274.75)
Setting up definition for ancillary file: 3P VISIT TYPE (#9002274.8)
Setting up definition for ancillary file: 3P AREA OFFICE EXPORT
(#9002274.9)
Setting up definition for ancillary file: 3P PROVIDER TAXONOMY
(#9002274.95)
Setting up definition for ancillary file: ABSP CLAIMS (#9002313.02)
Setting up definition for ancillary file: ABSP RESPONSES (#9002313.03)
Setting up definition for ancillary file: ABSP INSURER (#9002313.4)
Setting up definition for ancillary file: ABSP DUR/PPS (#9002313.473)
Setting up definition for ancillary file: ABSP DIAGNOSIS CODE
(#9002313.491)
Setting up definition for ancillary file: ABSP NCPDP OVERRIDE
(#9002313.511)
Setting up definition for ancillary file: ABSP ORIGIN OF INPUT
(#9002313.516)
Setting up definition for ancillary file: ABSP DIAL OUT (#9002313.55)
Setting up definition for ancillary file: ABSP PHARMACIES (#9002313.56)
```

Setting up definition for ancillary file: ABSP NCPDP REJECT CODES (#9002313.93)Setting up definition for ancillary file: CHART DEFICIENCY-OLD (#9009013.5) Setting up definition for ancillary file: CHART DEFICIENCY (#9009016.4) Setting up definition for ancillary file: WAITING LIST REASON (#9009017.4) Setting up definition for ancillary file: IHS LAB CPT CODE (#9009021) Setting up definition for ancillary file: APSP MANUFACTURER (#9009031.3) Setting up definition for ancillary file: APSP INTERVENTION TYPE (#9009032.3)Setting up definition for ancillary file: APSP INTERVENTION RECOMMENDATION (#900 9032.5) Setting up definition for ancillary file: APSP MEDHIST RESULTS (#9009033.86)Setting up definition for ancillary file: APSP MEDHIST ELIG/BENEFIT (#9009033.87 Setting up definition for ancillary file: APSP PHARMACY LIST (#9009033.9) Setting up definition for ancillary file: APSP SURESCRIPTS REQUESTS (#9009033.91 Setting up definition for ancillary file: APSP CS AUDIT LOG CODES (#9009036.2)Setting up definition for ancillary file: AGEV DATE QUALIFIER TABLE (#9009066.1)Setting up definition for ancillary file: AGEV ELIGIBILITY INFORMATION TABLE (#9 009066.2) Setting up definition for ancillary file: AGEV SERVICE TYPE TABLE (#9009066.3)Setting up definition for ancillary file: AGEV INSURANCE TYPE TABLE (#9009066.4)Setting up definition for ancillary file: AGEV REQUEST VALIDATION TABLE (#900906 6.7) Setting up definition for ancillary file: ER VISIT (#9009080) Setting up definition for ancillary file: ER ADMISSION (#9009081) Setting up definition for ancillary file: ER LOCAL FACILITY (#9009082.1) Setting up definition for ancillary file: ER CONSULTANT TYPE (#9009082.9) Setting up definition for ancillary file: ER OPTIONS (#9009083) Setting up definition for ancillary file: ER INSTRUCTIONS (#9009084) Setting up definition for ancillary file: PATIENT RECORD DISPOSITION (#9999999.0 2) Setting up definition for ancillary file: TRIBE (#9999999.03) Setting up definition for ancillary file: COMMUNITY (#9999999.05) Setting up definition for ancillary file: LOCATION (#9999999.06) Setting up definition for ancillary file: MEASUREMENT TYPE (#9999999.07) Setting up definition for ancillary file: EDUCATION TOPICS (#9999999.09) Setting up definition for ancillary file: CLINICAL REVIEW ACTION (#9999999.101)Setting up definition for ancillary file: SEXUAL ORIENTATION (#9999999.103) Setting up definition for ancillary file: GENDER IDENTITY (#9999999.104) Setting up definition for ancillary file: PRONOUNS (#9999999.105) Setting up definition for ancillary file: IMPLANTABLE DEVICE CATEGORIES (#999999 9.106) Setting up definition for ancillary file: VENDOR (#9999999.11) Setting up definition for ancillary file: IMMUNIZATION (#9999999.14) Setting up definition for ancillary file: EXAM (#9999999.15) Setting up definition for ancillary file: TREATMENT (#9999999.17)

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Setting up definition for ancillary file: INSURER (#9999999.18) Setting up definition for ancillary file: BENEFICIARY (#9999999.25) Setting up definition for ancillary file: PROVIDER NARRATIVE (#9999999.27) Setting up definition for ancillary file: SKIN TEST (#9999999.28) Setting up definition for ancillary file: ADA CODE (#9999999.31) Setting up definition for ancillary file: MEDICARE SUFFIX (#9999999.32) Setting up definition for ancillary file: RAILROAD PREFIX (#9999999.33) Setting up definition for ancillary file: RELATIONSHIP (#9999999.36) Setting up definition for ancillary file: PATIENT RESIDENCE (#9999999.361) Setting up definition for ancillary file: U/R DENIAL REASONS (#9999999.37) Setting up definition for ancillary file: IMMUNIZATION LOT (#9999999.41) Setting up definition for ancillary file: BIC ELIGIBILITY (#9999999.48) Setting up definition for ancillary file: ADMISSION SOURCE (#9999999.53) Setting up definition for ancillary file: COMMON ACCOUNTING NUMBER (#9999999.57)Setting up definition for ancillary file: HEALTH FACTORS (#9999999.64) Setting up definition for ancillary file: COVERAGE TYPE (#9999999.65) Setting up definition for ancillary file: DIAGNOSTIC PROCEDURE RESULT (#99999999. 68) Setting up definition for ancillary file: REVENUE CODES (#9999999.72) Setting up definition for ancillary file: REFUSAL TYPE (#9999999.73) Setting up definition for ancillary file: EMPLOYER (#9999999.75) Setting up definition for ancillary file: EMPLOYER GROUP INSURANCE (#9999999.77) Setting up definition for ancillary file: SSN STATUS (#9999999.78) Setting up definition for ancillary file: ASA-PS CODE (#9999999.85) Setting up definition for ancillary file: CPT MODIFIER (#9999999.88) Setting up definition for ancillary file: NARRATIVE TEXT TYPE (#9999999.89) Setting up definition for ancillary file: TRANSFER FACILITY (#9999999.91) Setting up definition for ancillary file: DISPOSITION OF CARE TYPES (#9999999.92 Setting up definition for ancillary file: PROVIDER CHANGE REASON (#9999999.93)Setting up definition for ancillary file: LANGUAGES (#99999999.99) Update Complete Select one of the following: C Create a new schema definition Edit an existing schema definition Ε R Remove an existing schema definition Q Quit Please choose what you would like to do: Q//

Figure 3-10: Changing the file definition to use the local data dictionary rather than the one provided in the schema

3.5.2.2.4 Remove file from a schema definition

This option can be used to remove a file from a custom schema definition. The following example (Figure 3-11) shows how to remove the VA PATIENT (#2) file from the CUSTOM SCRATCH SCHEMA.

Please choose what you would like to do: Q// E Edit an existing schema definition Please select the schema definition to edit Schema: CUSTOM SCRATCH SCHEMA// <Enter> Editing schema definition: CUSTOM SCRATCH SCHEMA Select one of the following: Add file to schema definition А С Add/Change/Remove schema ancillary file definition R Remove file from a schema definition 0 Quit What action would you like to perform: Q// Remove file from a schema definition Please select the file you would like to remove from the schema definition. Select FILE: VA PATIENT File: VA PATIENT File Number: 2 Would you like to remove this file from the schema? NO// YES File VA PATIENT (#2) has been removed from the schema Select one of the following: Add file to schema definition А С Add/Change/Remove schema ancillary file definition Remove file from a schema definition R 0 Ouit What action would you like to perform: Q// Quit Schema has changed. Need to update schema ancillary file definitions... Setting up definition for ancillary file: VA PATIENT (#2) Setting up definition for ancillary file: INSTITUTION (#4) Setting up definition for ancillary file: AGENCY (#4.11) Setting up definition for ancillary file: STATE (#5) Setting up definition for ancillary file: ICD DIAGNOSIS (#80) Setting up definition for ancillary file: NEW PERSON (#200) Setting up definition for ancillary file: ELIGIBILITY MODIFIERS (#9000030) Setting up definition for ancillary file: PATIENT RECORD DISPOSITION (#9999999.0 2) Setting up definition for ancillary file: TRIBE (#9999999.03) Setting up definition for ancillary file: COMMUNITY (#9999999.05) Setting up definition for ancillary file: LOCATION (#9999999.06) Setting up definition for ancillary file: SEXUAL ORIENTATION (#9999999.103)

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```
Setting up definition for ancillary file: GENDER IDENTITY (#9999999.104)
Setting up definition for ancillary file: PRONOUNS (#9999999.105)
Setting up definition for ancillary file: INSURER (#9999999.18)
Setting up definition for ancillary file: BENEFICIARY (#9999999.25)
Setting up definition for ancillary file: RELATIONSHIP (#9999999.36)
Setting up definition for ancillary file: PATIENT RESIDENCE (#9999999.361)
Setting up definition for ancillary file: BIC ELIGIBILITY (#9999999.361)
Setting up definition for ancillary file: EMPLOYER (#9999999.75)
Setting up definition for ancillary file: SSN STATUS (#9999999.78)
Setting up definition for ancillary file: PROVIDER CHANGE REASON
(#9999999.93)
Setting up definition for ancillary file: LANGUAGES (#999999.99)
Update Complete
```

Figure 3-11: Removing a file from a custom schema definition

3.5.2.3 Remove Schema Definition

Any schema definition, regardless of whether it is a custom or national schema, can be removed. Use the **Remove Schema Definition** option to remove any schema that you no longer want users to be able to select when generating an EHI export. Figure 3-12 shows how to remove an existing schema definition.

```
This option will allow you to create, edit or remove a
custom schema definition. This
schema can then be used to output custom file/field
information being recorded at the site.
     Select one of the following:
         С
                   Create a new schema definition
                   Edit an existing schema definition
         E
         R
                   Remove an existing schema definition
          0
                   Quit
Please choose what you would like to do: Q// Remove an existing schema
definition
Please select the schema definition to remove
Schema: BREH OIT 20230704// CUSTO M SCRATCH SCHEMA
Are you sure you want to remove this schema? NO// YES
The Schema has been removed
```

Figure 3-12: Removing a schema definition

3.5.3 Generate Schema Export File

This option allows users to export a custom schema definition to a file.

1. Select the schema that you want to export to a JSON file.

- 2. Select the Custom Schema to use for this export.
- 3. Enter the path of the folder to place the generated schema file.
- 4. Confirm that you want to create the schema file.

Copy the generated file to the URL where it will be publicly accessible by patients who receive EHI documents using this schema definition.

Figure 3-13 shows how to export a schema definition.

```
BREH Schema Menu
1. Import Schema File
2. Create/Edit/Remove Custom Schema Definition
3. Generate Schema Export File
Select number or return to quit: (1-3): 3
Export a Custom Schema definition to a file
Please select the schema that you wish to export to a JSON file
Select the Custom Schema to use for this export: TESTING// <Enter>
Enter the path of the folder to place the generated schema file.
Export folder: H:\TEMP\CHITT// <Enter>
PROCESS INFORMATION
Schema definition:
                              TESTING
Storage location:
                              H:\TEMP\CHITT
Would you like to continue? NO// YES
Generating schema export
File: 2
File: 26.13
File: 26.21
File: 27.11
File: 27.12
File: 27.14
File: 29.11
File: 38.5
File: 40.1
File: 40.15
File: 41.1
File: 41.41
File: 41.43
File: 42.5
File: 43.5
File: 45.85
File: 45.9
File: 52
File: 52.11
File: 52.4
File: 52.41
```

File:	409.55
File.	409 68
File.	409.73
Filo.	109.75
File.	409.74
rile:	409.75
File:	409.77
File:	860.1
File:	2005
File:	2005.002
File:	2005.1
File:	2006.5
File:	2006.5849
File:	2006.961
File:	8925
File:	8925.7
File.	8925 9
Filo.	8925 91
File.	0923.91
rile:	0992.1
File:	90001
File:	90001.01
File:	90001.02
File:	90001.03
File:	90001.04
File:	90001.57
File:	90002
File:	90002.01
File:	90002.02
File:	90050.01
File.	90050 02
File.	90050 03
Filo.	90050.03
File.	90050.04
rile:	90050.06
File:	90054.01
File:	90056.08
File:	90221
File:	90264
File:	90350.1
File:	90360.1
File:	90362.22
File:	90451
File:	90461.63
File:	90480.1
File:	90507.5
File:	90509
File:	90509.4
File	90509 5
Filo.	90520
File.	90520
rile.	90020
File:	90629
File:	90680.01
File:	1800008
File:	1800015
File:	1800071
File:	1800075
File:	1803001
File:	9000001
File:	900003
File:	9000003.01
File:	9000003.1
File.	9000004
File	9000004.01

File:	9000005
File:	9000005.01
File:	9000006
File:	9000006.01
File:	9000006.02
File:	9000010 01
File. File:	9000010.01
File.	9000010.02
File:	9000010.04
File:	9000010.05
File:	9000010.06
File:	9000010.07
File:	9000010.08
File:	9000010.09
File:	9000010.11
File:	9000010.12
File:	9000010.13
File:	9000010.15
File:	9000010.16
File:	9000010.18
File:	9000010.19
File:	9000010.21
File:	9000010.22
File:	9000010.23
File:	9000010.24
File:	9000010.25
File. File:	9000010.29
File:	9000010.33
File:	9000010.34
File:	9000010.35
File:	9000010.37
File:	9000010.38
File:	9000010.41
File:	9000010.44
File:	9000010.46
File. File:	9000010.48
File:	9000010.51
File:	9000010.54
File:	9000010.58
File:	9000010.59
File:	9000010.61
File:	9000010.62
File:	9000010.63
File:	9000011
File:	9000013
File.	9000014.1
File:	9000017
File:	9000020
File:	9000022
File:	9000023
File:	9000024
File:	9000028
File:	9000031
File:	9000032
File:	9000034

File:	9000035
File:	9000037
File:	9000038
File:	9000039
File:	9000040
File.	9000041
Filo.	9000042
File.	9000042
rile.	9000043
File:	9000044
File:	9000045
File:	9000046
File:	9000047
File:	9000091
File:	9000092
File:	9000093
File:	9000094
File:	9002003.2
File:	9002003.4
File:	9002007
File:	9002010.2
File.	9002011
File.	9002011 01
Filo.	9002011.01
File.	9002011.02
File.	9002011.03
rile.	9002011.04
File:	9002011.05
File:	9002011.06
File:	9002011.07
File:	9002011.08
File:	9002011.09
File:	9002011.11
File:	9002011.12
File:	9002011.13
File:	9002011.14
File:	9002011.51
File:	9002011.52
File:	9002011.53
File:	9002011.55
File:	9002011.56
File:	9002011.57
File:	9002011.58
File:	9002011.62
File:	9002011.63
File	9002011 64
File.	9002011.65
File.	9002011.00
Filo.	9002011.07
File.	9002012.90
rile:	9002010.4
File:	9002064.1
File:	9002066
File:	9002071
File:	9002080
File:	9002084
File:	9002084.1
File:	9002084.11
File:	9002084.115
File:	9002084.118
File:	9002084.12
File:	9002086
File:	9002086.1
File	9002086 4
File: 9002157	
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Etlar, 0002150	
File: 9002167	
File: 9002171	
File: 9002172	
File: 9002172.1	
File: 9002172.8	
File: 9002172.9	
File: 9002230	
File: 9002274 3	
File: 0002274 32	
File: 9002313.1	
File: 9002313.57	
File: 9002313.7	
File: 9009012	
File: 9009012.5	
File: 9009013	
File: 9009013.1	
File: 9009015	
File: 9009017.1	
File: 9009018.1	
File: 9009027	
File: 9009032.4	
File: 9009033.85	
File: 9009033.91	
File: 9009035.1	
File 9009036	
File: 9009063.1	
File: 9009063.5	
FILE: 9009000	
File: 9009080	
File: 9009080 File: 9009081	
File: 9009080 File: 9009081	
File: 9009080 File: 9009081 Now compiling pointer file information	
File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1	
File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2	
File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5	
File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8	
File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9	
File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4	
File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4	
File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4.11 Pointer file: 5	
File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4.11 Pointer file: 5 Pointer file: 7	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 7 Po</pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 7 Pointer file: 8 Pointer file: 8 Pointer file: 8<pointer 8="" 8<pointer="" 9<po<="" 9<pointer="" file:="" pointer="" td=""></pointer></pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 5 Pointer file: 7 Pointer file: 8 Po</pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 5 Pointer file: 7 Pointer file: 8 Pointer file: 8.1 Pointer file: 9.4</pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4.11 Pointer file: 4.11 Pointer file: 5 Pointer file: 7 Pointer file: 8 Pointer file: 8.1 Pointer file: 8.1 Pointer file: 9.4 Pointer file: 10</pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 7 Pointer file: 8 Pointer file: 8.1 Pointer file: 8.1 Pointer file: 9.4 Pointer file: 10 Pointer file: 10.2</pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 5 Pointer file: 5 Pointer file: 8 Pointer file: 8 Pointer file: 8.1 Pointer file: 9.4 Pointer file: 10 Pointer file: 10.2 Pointer file: 10.3</pre>	
<pre>File: 9009080 File: 9009080 File: 9009080 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 5 Pointer file: 7 Pointer file: 8 Pointer file: 8 Pointer file: 10 Pointer file: 10 Pointer file: 10.2 Pointer file: 11</pre>	
<pre>File: 9009080 File: 9009080 File: 9009080 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4.11 Pointer file: 4.11 Pointer file: 5 Pointer file: 7 Pointer file: 8 Pointer file: 8 Pointer file: 9.4 Pointer file: 10 Pointer file: 10 Pointer file: 10.3 Pointer file: 11 Pointer file: 13</pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 5 Pointer file: 8 Pointer file: 8.1 Pointer file: 8.1 Pointer file: 9.4 Pointer file: 10 Pointer file: 10.2 Pointer file: 11 Pointer file: 13 Pointer file: 13 Pointer file: 13</pre>	
<pre>File: 9009080 File: 9009080 File: 9009081 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4.11 Pointer file: 5 Pointer file: 5 Pointer file: 8 Pointer file: 8 Pointer file: 9.4 Pointer file: 10 Pointer file: 10.2 Pointer file: 11 Pointer file: 13 Pointer file: 13 Pointer file: 19 Pointer file: 20</pre>	
<pre>File: 9009080 File: 9009080 File: 9009080 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4 Pointer file: 4 Pointer file: 5 Pointer file: 5 Pointer file: 8 Pointer file: 8.1 Pointer file: 8.1 Pointer file: 10 Pointer file: 10.2 Pointer file: 10.3 Pointer file: 13 Pointer file: 13 Pointer file: 13 Pointer file: 12 Pointer file: 20 Pointer file: 21</pre>	
<pre>File: 9009080 File: 9009080 File: 9009080 Now compiling pointer file information Pointer file: 1 Pointer file: 2 Pointer file: 3.5 Pointer file: 3.8 Pointer file: 3.9 Pointer file: 4.11 Pointer file: 5 Pointer file: 5 Pointer file: 8 Pointer file: 8 Pointer file: 8.1 Pointer file: 9.4 Pointer file: 10.2 Pointer file: 10.2 Pointer file: 11 Pointer file: 13 Pointer file: 13 Pointer file: 14 Pointer file: 24 Pointer file: 24</pre>	

Pointer	file・	23
Deinter	file.	25
Poincer	TTTe:	23
Pointer	file:	27.11
Pointer	file:	27.15
Pointer	file:	27.17
Pointer	file・	30
Deinter	filo.	21
Poincer	TTTe:	51
Pointer	file:	34
Pointer	file:	35
Pointer	file:	35.2
Dointor	filo.	36
FOINCEL	LTTC.	20
Pointer	ille:	37
Pointer	file:	38.6
Pointer	file:	40.7
Pointer	file·	40 8
Deinter	£11.	10.0
Poincer	TTTe:	41.1
Pointer	file:	42
Pointer	file:	42.2
Pointer	file:	42.4
Pointor	filo	12 55
Pointer	LTTC.	42.55
Pointer	ille:	43.4
Pointer	file:	43.61
Pointer	file:	44
Pointer	file・	45
Dointor	filo.	15 2
FOINCEL	TTTE.	43.3
Pointer	file:	45./
Pointer	file:	45.82
Pointer	file:	45.86
Pointer	file:	45.91
Deinter	filo.	10.91
Poincer	TTTe:	49
Pointer	file:	50
Pointer	file:	50.3
Pointer	file:	50.416
Pointer	file:	50,605
Pointer	filo	50 606
Deinter	C 1 1	50.000
Pointer	IIIe:	50.607
Pointer	file:	50.7
Pointer	file:	51.2
Pointer	file:	52
Pointer	file	52 6
Deinter	£11.	52.0
Poincer	TTTe:	52.1
Pointer	file:	53
Pointer	file:	53.3
Pointer	file:	53.79
Pointer	file・	58 8
Deinter	filo.	50.01
FOILICEL	TTTE.	J0.01
Pointer	file:	58.82
Pointer	file:	58.83
Pointer	file:	58.84
Pointer	file	58 86
Deinter	filo.	50.00
Poincer	TTTe:	59
Pointer	file:	59.3
Pointer	file:	59.5
Pointer	file:	60
Pointer	filo	61
		~ -
Dointor	filo.	61 1
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Pointer Pointer Pointer	file: file: file:	61.1 61.2 61.3
Pointer Pointer Pointer Pointer	file: file: file: file: file:	61.1 61.2 61.3 61.4
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Pointer Pointer Pointer Pointer Pointer	file: file: file: file: file: file: file:	61.1 61.2 61.3 61.4 61.5 62

Pointer	file・	62 05
Pointor	filo.	62 06
Deinten		62.00
Poincer	TTTe:	02.49
Pointer	IIIe:	62.5
Pointer	file:	63
Pointer	file:	64
Pointer	file:	64.5
Pointer	file:	65
Pointer	file	65 4
Pointor	filo.	66
Pointer	file.	67
Pointer	IIIe:	67
Pointer	IIIe:	68
Pointer	file:	70.2
Pointer	file:	70.3
Pointer	file:	71
Pointer	file:	71.2
Pointer	file:	71.6
Pointer	file・	71 7
Pointor	filo.	71 9
Pointer	LITE.	71.9
Pointer	IIIe:	12
Pointer	file:	74
Pointer	file:	74.3
Pointer	file:	75.1
Pointer	file:	75.2
Pointer	file:	78.1
Pointer	file:	78.3
Pointer	file:	78.4
Pointer	file:	78.6
Pointer	file	79
Pointer	filo	79 1
Pointer	filo.	70.2
Pointer	file.	90
Pointer	LITE.	00 1
Pointer	rire:	00.1
Pointer	IIIe:	80.2
Pointer	ille:	81
Pointer	file:	81.3
Pointer	file:	95.3
Pointer	file:	100
Pointer	file:	100.01
Pointer	file:	100.02
Pointer	file:	100.03
Pointer	file:	100.2
Pointer	file	100 5
Pointer	filo	100.6
Dointor	filo.	100.0
Pointer	file.	100.0
Poincer	rire:	100.90
Pointer	IIIe:	101
Pointer	file:	101.41
Pointer	file:	101.43
Pointer	file:	120.52
Pointer	file:	120.8
Pointer	file:	120.83
Pointer	file:	123
Pointer	file:	123.1
Pointer	file:	123.5
Pointer	file:	124.2
Pointer	file:	126.56
Pointer	file	126 58
Pointer	file.	126.6
Pointer	file.	126.8
Pointer	file.	130

Pointer	file:	200
Pointer	file	350
Pointor	filo	350 1
Pointer	LITE.	350.1
Pointer	rire:	350.21
Pointer	file:	350.3
Pointer	file:	353
Pointer	file:	353.1
Pointer	file:	353.2
Pointer	file・	354
Dointor	filo.	254 2
Pointer	file.	254.2
Pointer	rire:	354.4
Pointer	file:	354.5
Pointer	file:	355.3
Pointer	file:	355.6
Pointer	file:	356
Pointer	file:	356.1
Pointer	file・	356 11
Pointor	filo	256 2
Pointer	LITE.	250.2
Pointer	IIIe:	356.21
Pointer	file:	356.3
Pointer	file:	356.4
Pointer	file:	356.6
Pointer	file:	356.7
Pointer	file:	356.8
Pointer	filo	356 9
Deinter	£110.	257
Pointer	rire:	357
Pointer	file:	357.6
Pointer	file:	357.95
Pointer	file:	357.98
Pointer	file:	362.3
Pointer	file:	391
Pointer	file	391 1
Pointor	filo	301 72
Pointer	file.	202 2
Pointer	rire:	392.2
Pointer	file:	392.3
Pointer	file:	392.4
Pointer	file:	393
Pointer	file:	393.1
Pointer	file:	393.2
Pointer	file:	393.3
Pointer	file・	399
Deinter	file.	200 1
Pointer	LITE.	399.1
Pointer	rire:	399.2
Pointer	file:	399.3
Pointer	file:	399.4
Pointer	file:	404.51
Pointer	file:	404.57
Pointer	file:	405
Pointer	filo	405 1
Deinter	file.	405.1
Poincer	rire:	405.2
Pointer	IIIe:	405.3
Pointer	file:	405.4
Pointer	file:	406.41
Pointer	file:	408.32
Pointer	file:	409.1
Pointer	file:	409.2
Pointer	file:	409.3
Pointor	filo	409 31
Dointor	file.	100.01
Deinter	rile:	409.32
Pointer	IIIe:	409.41
Pointer	ille:	409.63

Pointer	file:	409.68
Pointer	file.	409 73
		109.75
Pointer	file:	409./4
Pointer	file:	409.76
Deinter	filo.	550 2
Pointer	IIIe:	550.2
Pointer	file:	757.01
Pointor	filo	771
roincei	e.	//1
Pointer	file:	774
Pointer	file・	779 004
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Pointer	ille:	839.1
Pointer	file:	860.2
Deinter	filo	060 3
FOILICET	TTTE.	000.5
Pointer	file:	860.4
Pointer	file・	2005
		2000
Pointer	ille:	2005.02
Pointer	file:	2005.03
Delater	C:1.	2000.00
Pointer	IIIe:	2005.1
Pointer	file:	2005.2
Pointor	filo	2005 81
FOILICEL	TTTE.	2003.01
Pointer	file:	2005.82
Pointer	file・	2005 83
D		2000.00
Pointer	file:	2005.84
Pointer	file:	2005.85
Deinter	f;10.	2005 00
Poincer	TTTE:	2005.00
Pointer	file:	2006.04
Pointer	file	2006 532
		2000.552
Pointer	file:	2006.587
Pointer	file:	8925
Deinter	filo.	0025 1
Poincer	TTTE:	0923.1
Pointer	file:	8925.6
Pointer	file・	8927
TOTHCCT		0027
Pointer	iile:	8927.1
Pointer	file:	8932.1
Dointor	filo	0002 2
roincei	e.	0992.2
Pointer	file:	19707.14
Pointer	file・	90001
Delater	<u></u>	00001 51
Pointer	IIIe:	90001.51
Pointer	file:	90001.52
Pointer	file	90001 53
		00001.00
Pointer	ille:	90001.54
Pointer	file:	90001.55
Deinten	£41	00001 EC
Pointer	IIIe:	90001.56
Pointer	file:	90002
Pointer	file・	90002 02
TOTHCCT		00002.02
Pointer	iile:	90002.11
Pointer	file:	90002.51
Dointor	filo	00002 52
FOILICET	TTTE.	90002.32
Pointer	file:	90002.53
Pointer	file・	90002 54
D		00002.01
Pointer	iile:	90002.55
Pointer	file:	90002.56
Pointor	filo	90002 50
roincer	TTTE:	50002.59
Pointer	file:	90002.61
Pointer	file	90050 01
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Pointer	IITe:	90050.02
Pointer	file:	90050.03
Pointor	filo	90051 01
	TTTG:	50051.01
Pointer	file:	90052.01
Pointer	file:	90052.02
Dointer	file.	00052.02
Pointer	TTTe:	90052.05
Pointer	file:	90056.06

Delater	C 1 1	00056 00
Pointer	IIIe:	90056.09
Pointer	iile:	90056.1
Pointer	file:	90056.11
Pointer	file:	90056.23
Pointer	file:	90264.1
Pointer	file:	90264.2
Pointor	filo.	90264 3
Pointer	LTTC.	90204.5
Pointer	IIIe:	90360.3
Pointer	file:	90450
Pointer	file:	90451.5
Pointer	file:	90451.7
Pointer	file:	90460.05
Pointer	file	90460 06
Pointer	file	90460 12
Deinter		00475 2
Pointer	IIIe:	904/5.3
Pointer	iile:	90506
Pointer	file:	90506.2
Pointer	file:	90506.5
Pointer	file:	90507.4
Pointer	file:	90508.5
Pointer	file	90509 1
Deinter		00500.I
Pointer	IIIe:	90509.5
Pointer	iile:	90620
Pointer	file:	90620.9
Pointer	file:	90621
Pointer	file:	90621.1
Pointer	file:	90621.2
Pointer	file	90622
Pointor	filo.	90622
Pointer	e.	00029
Pointer	iiie:	90636.01
Pointer	file:	90636.02
Pointer	file:	99999.04
Pointer	file:	99999.11
Pointer	file:	99999.15
Pointer	file:	99999.21
Pointer	file:	99999.22
Pointor	filo.	1800016
Deinter	file.	1000010
Pointer	cile:	1000010
Pointer	<pre>tile:</pre>	1803002
Pointer	file:	9000001
Pointer	file:	9000003
Pointer	file:	9000003.1
Pointer	file:	9000004
Pointer	file:	9000005
Pointer	file・	9000006
Deinter	filo.	9000000
Pointer	LTTC.	0000010
Pointer	Ille:	9000010.01
Pointer	file:	9000010.03
Pointer	file:	9000010.04
Pointer	file:	9000010.05
Pointer	file:	9000010.06
Pointer	file:	9000010.07
Pointer	file	9000010 08
Pointer	filo.	9000010.00
Deinter	tile:	0000010.09
Pointer	IIIe:	9000010.11
Pointer	file:	9000010.12
Pointer	file:	9000010.13
Pointer	file:	9000010.14
Pointer	file:	9000010.15
Pointer	file:	9000010.16
Pointer	file	9000010 18
	· ·	2000010.10

Dointor	filo	0000010 10
LOTUCET	TTTC.	0000010.10
Pointer	file:	9000010.21
Pointer	file:	9000010.22
Deinter	filo.	0000010 22
Pointer	IIIe:	9000010.23
Pointer	file:	9000010.24
Pointer	file:	9000010.25
Pointer	file・	9000010 29
Deinter	filo.	0000010 22
Pointer	TTTe:	9000010.32
Pointer	file:	9000010.33
Pointer	file:	9000010.34
Pointer	file・	9000010 35
Deinten	£110.	0000010.33
Pointer	IIIe:	9000010.37
Pointer	file:	9000010.38
Pointer	file:	9000010.41
Pointer	file・	9000010 44
Deinter	£110.	0000010.11
Pointer	IIIe:	9000010.46
Pointer	file:	9000010.48
Pointer	file:	9000010.49
Pointer	file・	9000010 51
Deinter	C 1 1	0000010.01
Pointer	IIIe:	9000010.54
Pointer	file:	9000010.58
Pointer	file:	9000010.59
Pointer	filo	9000010 61
FOINCEL	e.	9000010.01
Pointer	IIIe:	9000010.62
Pointer	file:	9000010.63
Pointer	file:	9000011
Pointer	file・	9000014 1
Deinter	C 1 1	0000014.1
Pointer	IIIe:	9000030
Pointer	file:	9000048
Pointer	file:	9000092
Pointor	filo	9001002 /
FOINCEL	e.	9001002.4
Pointer	ille:	9001002.5
Pointer	file:	9001026
Pointer	file:	9002003.1
Pointer	filo	9002003 3
I O I II CEI		0002000.00
Pointer	ille:	9002010.03
Pointer	file:	9002011
Pointer	file:	9002011.08
Pointer	file・	9002011 12
Deinter	£110.	0002011.12
Pointer	IIIe:	9002011.13
Pointer	file:	9002011.14
Pointer	file:	9002011.51
Pointer	file:	9002011.56
Pointor	filo	9002011 62
FOINCEL	e.	9002011.02
Pointer	ille:	9002011.63
Pointer	file:	9002012
Pointer	file:	9002012.1
Pointor	filo	0002012 2
FOINCEL	TTTE.	9002012.2
Pointer	file:	9002012.7
Pointer	file:	9002012.8
Pointer	file:	9002012.9
Pointor	filo	0002013 1
FOINCEL	LTTE.	9002013.1
Pointer	IIIe:	9002013.5
Pointer	file:	9002013.6
Pointer	file:	9002013.7
Pointor	filo	9002013 9
rorncer	rire:	0002013.9
Pointer	file:	9002014.6
Pointer	file:	9002014.7
Pointer	file	9002014 71
Dointer	filo.	0002011 0
Pointer	rile:	9002014.8
Pointer	file:	9002014.81

	C 1 3	
Pointer	file:	9002014.9
Pointer	file:	9002018.1
Pointer	filo	9002062
I O I II CEI	e.	0002002
Pointer	file:	9002063
Pointer	file:	9002066.5
Pointer	file・	9002068 1
Delater	<u></u>	0002000.1
Pointer	Ille:	9002072
Pointer	file:	9002073
Pointer	file:	9002073.1
Deinter	file.	0002074
Pointer	IIIe:	9002074
Pointer	file:	9002084
Pointer	file:	9002084.01
Pointor	filo	900208/ 118
FOINCEL	LTTC.	9002004.110
Pointer	IIIe:	9002084.33
Pointer	file:	9002084.4
Pointer	file・	9002084 8
Deinter	<u></u>	0002001.01
Pointer	Ille:	9002084.81
Pointer	file:	9002084.83
Pointer	file:	9002084.93
Deinter	file.	0002006
Pointer	TTTe:	9002000
Pointer	file:	9002086.01
Pointer	file:	9002086.03
Pointer	file	9002086 1
I O I II CEI	C.	0002000.1
Pointer	IIIe:	9002086.2
Pointer	file:	9002086.25
Pointer	file:	9002086.31
Deinter	file.	0002006 24
FOILTEL	TTTE.	9002000.34
Pointer	file:	9002086.403
Pointer	file:	9002086.404
Pointer	file:	9002086.405
Deinter	file.	0002006 5
FOILTEL	TTTE.	9002000.5
Pointer	IIIe:	9002086.51
Pointer	file:	9002086.93
Pointer	file:	9002160.8
Pointor	filo	9002168 2
I O I II CEI	e.	0002100.2
Pointer	IIIe:	9002168.6
Pointer	file:	9002168.7
Pointer	file:	9002168.8
Pointer	filo	9002168 9
FOINCEL	LTTC.	9002100.9
Pointer	Ille:	9002169.1
Pointer	file:	9002169.2
Pointer	file:	9002169.3
Deinter	filo.	0002170
FOINCEL	LTTE.	9002170
Pointer	file:	9002170.1
Pointer	file:	9002170.11
Pointer	file:	9002170.3
Deinter	filo.	0002170 /
Pointer	IIIe:	9002170.4
Pointer	file:	9002170.5
Pointer	file:	9002170.6
Pointer	file:	9002170.8
Dointor	filo.	0002171
FOILTEL	TTTE.	9002171
Pointer	file:	9002172
Pointer	file:	9002172.1
Pointer	file	9002173
Deinter	£;1.	0002274 00
Pointer	riie:	9002274.02
Pointer	file:	9002274.03
Pointer	filo	9002274.07
Pointor	TTTE.	
E 1 1 1 1 1 1	file.	9002274 08
Pointer	file:	9002274.08
Pointer	file: file:	9002274.08 9002274.301
Pointer Pointer	file: file: file:	9002274.08 9002274.301 9002274.31
Pointer Pointer Pointer	file: file: file: file: file:	9002274.08 9002274.301 9002274.31 9002274.33

Pointer	file:	9002274.34
Pointer	file:	9002274.35
Pointor	filo	9002271 1
- · ·		0002274.4
Pointer	IITe:	9002274.46
Pointer	file:	9002274.47
Pointer	file・	9002274 6
Deinter	C 1 1	0002271.0
Pointer	IIIe:	9002274.7
Pointer	file:	9002274.75
Pointer	file:	9002274.8
Pointor	filo	9002274 9
Deinter	C11-	0002274.05
Pointer	IIIe:	9002274.95
Pointer	file:	9002313.02
Pointer	file:	9002313.03
Pointer	file:	9002313.4
Dointor	filo.	0002212 472
FOINCEL	TTTE.	9002313.473
Pointer	file:	9002313.491
Pointer	file:	9002313.511
Pointer	file:	9002313.516
Pointer	filo	9002313 55
Deinter	C 1 1	0002010.00
Pointer	IITe:	9002313.56
Pointer	file:	9002313.93
Pointer	file:	9009013.5
Pointer	file・	9009016 4
Deinter	£11.	0000017 4
Pointer	IIIe:	9009017.4
Pointer	file:	9009021
Pointer	file:	9009031.3
Pointer	file:	9009032.3
Pointor	filo	9009032 5
FOINCEL	LTTC.	9009032.5
Pointer	ille:	9009033.86
Pointer	file:	9009033.87
Pointer	file:	9009033.9
Pointer	filo	9009033 91
Deinter	C11-	000000000000000000000000000000000000000
Pointer	IIIe:	9009036.2
Pointer	file:	9009066.1
Pointer	file:	9009066.2
Pointer	file:	9009066.3
Dointor	filo.	0000066 1
FOINCEL	TTTE.	9009000.4
Pointer	file:	9009066./
Pointer	file:	9009080
Pointer	file:	9009081
Pointer	file	9009082 1
Deinter	£11.	0000002.1
Pointer	IIIe:	9009082.9
Pointer	file:	9009083
Pointer	file:	9009084
Pointer	file:	9999999.02
Pointer	file	9999999 13
Deinter	C 1 1	00000000
Pointer	IIIe:	99999999.05
Pointer	file:	9999999.06
Pointer	file:	9999999.07
Pointer	file:	99999999,09
Dointor	filo.	0000000 101
FOINCEL	TTTE.	99999999.101
Pointer	ille:	99999999.103
Pointer	file:	9999999.104
Pointer	file:	9999999.105
Pointer	file	99999999.106
Pointor	filo.	999999991100
Deduc	cin	0000000 14
Pointer	file:	9999999.14
Pointer	file:	9999999.15
Pointer	file:	9999999.17
Pointer	file:	9999999,18
Pointor	filo.	999999999
rorncer	TTTE:	5555555.25

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Pointer file: 9999999.27
Pointer file: 9999999.28
Pointer file: 9999999.31
Pointer file: 9999999.32
Pointer file: 9999999.33
Pointer file: 9999999.36
Pointer file: 9999999.361
Pointer file: 9999999.37
Pointer file: 9999999.41
Pointer file: 9999999.48
Pointer file: 9999999.53
Pointer file: 9999999.57
Pointer file: 9999999.64
Pointer file: 9999999.65
Pointer file: 9999999.68
Pointer file: 9999999.72
Pointer file: 9999999.73
Pointer file: 9999999.75
Pointer file: 9999999.77
Pointer file: 9999999.78
Pointer file: 9999999.85
Pointer file: 9999999.88
Pointer file: 9999999.89
Pointer file: 9999999.91
Pointer file: 9999999.92
Pointer file: 9999999.93
Pointer file: 9999999.99
Now compiling ancillary file definition for output
Converting schema to JSON
Exporting schema to a file
The TESTING schema has been exported to folder:
H:\TEMP\CHITT
Please make sure to move the file so it is publicly accessible at the
following location:
https://www.siteurl.com/publicschema/
Hit ENTER to continue:
```

Figure 3-13: Exporting a schema definition

3.6 BREH Exception Menu

The **BREH Exception Menu** option (Figure 3-14) allows for the exclusion of sitelevel or patient-specific data to comply with HIPAA privacy rules and the formal request from patients to not expose specific health information to other entities.

```
BREH Exception Menu
1. Define Site Level Exceptions
2. Define Patient Specific Exceptions
3. Display Patient and Site Exceptions
Select number or return to quit: (1-3):
```

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Figure 3-14: BREH Exception Menu

3.6.1 Define Site Level Exceptions

This option allows a site to create a Site Exception Profile to be set up or edited. A Site Exception Profile allows sites to omit specific data from an EHI data export for all patients.

This functionality is needed to prevent information specifically excluded from the HIPAA Privacy Rule individual right of access from being included in a requested EHI data output document.

Notes:	Information such as the following should not be included in an EHI document:	
	Psychotherapy notes, which are the notes recorded by a health care provider who is a mental health professional documenting or analyzing the contents of a conversation during a private counseling session and that are maintained separate from the rest of the patient's medical record.	
	Information compiled in reasonable anticipation of, or for use in, a civil, criminal, or administrative action or proceeding.	

During the EHI export process a user can select one or more site exception profiles, as well as individual patient exception profiles(s), to apply to the EHI export being generated.

The steps to create a site exception profile are as follows:

- 1. The user selects the **Define Site Level Exceptions (1)** option from the **BREH Exceptions Menu**.
- 2. Enter YES to confirm that you want to create/edit a site exception profile.
- 3. Enter 'C' to create a new site exception profile. You can also enter 'E' to edit an existing site exception profile or 'R' to remove an existing site exception profile.
- 4. Enter the new site exception profile name.
- 5. Enter the **Exclusion Reason**.
- 6. If 'Other' was entered as the Exclusion Reason, enter the Other Exclusion Reason.
- When creating a site exception profile (rather than editing an existing profile), enter 'A' to add a site profile file exception condition. At the Site Profile Exception File prompt, enter the file to enter site exception conditions for.

- 8. Once a file has been entered, the user will be presented with a list of fields in the file. Enter 'J' to jump to a field number, 'N' to go to the next page of fields or enter 'S' to select a field to enter a condition on.
- 9. Once 'S' has been entered to select the field, you will be prompted to enter a condition on that field. Valid choices are NULL, CONTAINS, LESS THAN or GREATER THAN. You can negate the condition by placing a ' prior to the condition (so 'NULL would mean NOT NULL).
- 10. Enter the value to check the field against. To compare to an internal value (pointers/dates), enter an apostrophe (') followed by the internal value to look for.

Note: When comparing date or date/time fields the internal date value must be entered. Date/Time values should be entered as CMMDDYY.hhmmss where:
C - century - 3 (2000), 2 (1900), 1 (1800)
MM - Month with possible leading zero
DD - Day with possible leading zero
YY - Year with possible leading zero
hh - Hour (0-23) with possible leading zero
mm - Minute (0-59) with possible leading zero
ss - Second (0-59) with possible leading zero
Example: '3050309.030904 would be entered for MAR 9.2005@03:09:04 AM

- 11. At the **Would you like to enter another field exception check?** prompt, type **YES** to enter another condition for this exception profile or type **NO** to continue.
- 12. Once you have entered all of the conditions (and typed NO at the Would you like to enter another field exception check? prompt), you will be prompted to enter the Condition Check Logic. The Condition Check Logic functions very similar to how searches are performed in the FileMan SEARCH FILE ENTRIES option. Each condition entered is assigned a check letter (A, B, C, etc.). The letters are then used as described below to define the logic that will determine if an exception will be entered for a particular entry in a file. If the Condition Check Logic returns TRUE for an entry, that entry will be excluded.
 - For logical **AND** use **&**.
 - For **OR**, use !.
 - Parenthesis can be used. A single quote character (') can be inserted prior to a check letter to not the value. For example: (A!'B)&C would be the condition if (A OR NOT B) AND C. If the logic returns true, the entry or entry subfile will be excluded from the EHI document.

Figure 3-15 shows an example of how to enter a site exception. In this example, a site exception profile has been created to exclude any TIU documents that have not yet been signed. To create the logic to do this two conditions are placed on the TIU DOCUMENT (#8925) file. The conditions are to exclude any entry in the TIU DOCUMENT file for a patient if the entry has either a SIGNATURE DATE/TIME field or a SIGNED BY field that is NULL.

BREH Exception Menu 1. Define Site Level Exceptions 2. Define Patient Specific Exceptions 3. Display Patient and Site Exceptions Select number or return to quit: (1-3): 1 This option will allow a site to create a site exception profile to be set up or edited. A site exception profile allows sites to omit specific data from an EHI data export for all patients. This functionality is needed to prevent information specifically excluded from the HIPAA Privacy Rule individual right of access from being included in a requested EHI data output document. Information such as the following should not be included in an EHI document: (1) Psychotherapy notes, which are the notes recorded by a health care provider who is a mental health professional documenting or analyzing the contents of a conversation during a private counseling session and that are maintained separate from the rest of the patient's medical record. (2) Information compiled in reasonable anticipation of, or for use in, a civil, criminal, or administrative action or proceeding. During the EHI export process a user can select one or more site exception profiles as well as individual patient exception profiles(s) to apply to the EHI export being generated. Would you like to create/edit a site exception profile? NO// YES Select one of the following: Create a new site exception profile С Ε Edit an existing site exception profile R Remove an existing site exception profile 0 Ouit What action would you like to perform: Q// **C**reate a new site exception profile Enter the new site exception profile name: TIU DOCUMENT - EXCLUDE UNSIGNED SITE EXCEPTION PROFILE NAME: TIU DOCUMENT - EXCLUDE UNSIGNED Replace **<Enter>** EXCLUSION REASON: OTH Other OTHER EXCLUSION REASON: Do not include draft documents New site exception profile 'TIU DOCUMENT - EXCLUDE UNSIGNED' has been created

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Select one of the following: Add Site Profile File Exception Condition А Quit Q Selection: Q// Add Site Profile File Exception Condition Please select the file you would like to enter the site exception(s) for. Site Profile Exception File: TIU DOCUMENT Entering Field Exception Check A: Field listing for TIU DOCUMENT file: # FIELD FIELD NUMBER DOCUMENT TYPE .01 1 PATIENT .02 2 VISIT 3 .03 4 PARENT DOCUMENT TYPE .04 5 STATUS .05 PARENT .06 6 PARENT EPISODE BEGIN DATE/TIME 7 .07 EPISODE END DATE/TIME .08 8 9 URGENCY .09 10 LINE COUNT .1 Select one of the following: J Jump to FIELD NUMBER Ν Next Select field S 0 Ouit Selection: N// Next 11CREDIT STOP CODE ON COMPLETIONFIELD NUMBER12MARK DISCH DT FOR CORRECTION.1113VISIT TYPE.12 14 REPORT TEXT 2 15 EDIT TEXT BUFFER 3 16 ENTRY DATE/TIME 1201 17 AUTHOR/DICTATOR 1202 18 CLINIC 1203 19 EXPECTED SIGNER 1204 20 HOSPITAL LOCATION 1205 Select one of the following: J Jump to FIELD NUMBER Next Ν S Select field Q Quit Selection: N// Next # FIELD FIELD NUMBER

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21 22 23 24 25 26 27 28 29 30	SERVICE CREDIT SECONDARY VISI EXPECTED COSIG ATTENDING PHYS ORDER NUMBER VISIT LOCATION DIVISION REFERENCE DATE ENTERED BY CAPTURE METHOD Select one of	STOP T NER ICIAN the following:		1206 1207 1208 1209 1210 1211 1212 1301 1302 1303	
	J N	Jump to FIELD Next	NUMBEI	2	
	Q	Quit			
Sele # 31 32 33 34 35 36 37 38 39 40	ction: N// Next FIELD RELEASE DATE/T VERIFICATION D VERIFIED BY DICTATION DATE SUSPENSE DATE/ PATIENT MOVEME TREATING SPECI IRT RECORD SERVICE REQUESTING PAC	IME ATE/TIME TIME NT RECORD ALTY KAGE REFERENCE		FIELD 1304 1305 1306 1307 1308 1401 1402 1403 1404 1405	NUMBER
	Select one of	the following:			
	J N S Q	Jump to FIELD Next Select field Quit	NUMBEI	2	
Sele # 41 42 43 44 45 46 47 48 49 50	ction: N// Next FIELD RETRACTED ORIG PRF FLAG ACTIO SIGNATURE DATE SIGNATURE BLOC SIGNATURE BLOC SIGNATURE MODE COSIGNATURE NE COSIGNATURE DA COSIGNED BY	INAL N /TIME K NAME K TITLE EDED TE/TIME		FIELD 1406 1407 1501 1502 1503 1504 1505 1506 1507 1508	NUMBER
	Select one of	the following:			
	J N S Q	Jump to FIELD Next Select field Quit	NUMBEI	R	

Selection: N// **S**elect field Select field reference number (#) or return to quit: (1-75): 43 Condition: NULL Would you like to enter another field exception check? N// YES File: TIU DOCUMENT Current exception conditions: COND FIELD CONDITION VALUE A SIGNATURE DATE/TIME NULL Entering Field Exception Check B: Field listing for TIU DOCUMENT file: FIELD NUMBER # FIELD 1 DOCUMENT TYPE .01 PATIENT .02 2 .03 3 VISIT PARENT DOCUMENT TYPE 4 .04 STATUS 5 .05 6 PARENT .06 EPISODE BEGIN DATE/TIME 7 .07 EPISODE END DATE/TIME 8 .08 URGENCY .09 9 10 LINE COUNT .1 Select one of the following: Jump to FIELD NUMBER J Ν Next Select field S Q Quit Selection: N// Select field Select field reference number (#) or return to quit: (1-75): 44 Condition: NULL Would you like to enter another field exception check? N// NOFile: TIU DOCUMENT Current exception conditions: COND FIELD CONDITION VALUE A SIGNATURE DATE/TIME NULL B SIGNED BY NULL Using the check letter(s) listed above, enter the check exclusion logic to apply. For logical AND use "&", for OR use "!". Parenthesis can be used. A "'" can be inserted prior to a check letter to NOT the value. For example: (A!'B) & C would be the condition "if (A OR NOT B) AND C". If the logic returns true, the entry or entry subfile will be excluded from the EHI document. Allowable letter(s): A,B Condition logic: // A!B

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```
New condition logic saved for site exception profile TIU DOCUMENT - EXCLUDE
UNSIGNED
File: TIU DOCUMENT
Current exception conditions:
COND FIELD CONDITION VALUE
A SIGNATURE DATE/TIME NULL
B SIGNED BY NULL
Condition Check Logic: A!B
```

Figure 3-15: Entering a site exception

3.6.2 Define Patient Specific Exceptions

This option allows a site to create a patient exception profile to be set up, edited or removed. A patient exception profile allows sites to omit specific patient data from an EHI data export. This functionality is needed to prevent information specifically excluded from the HIPAA Privacy Rule individual right of access from being included in a requested EHI data output document. More than one exception profile can be created for a patient.

Notes:	Information such as the following should not be included in an EHI document:
	Psychotherapy notes, which are the notes recorded by a health care provider who is a mental health professional documenting or analyzing the contents of a conversation during a private counseling session and that are maintained separate from the rest of the patient's medical record.
	Information compiled in reasonable anticipation of, or for use in, a civil, criminal, or administrative action or proceeding.

To set up a patient exception profile for a patient, please follow these steps:

- 1. Select the **Define Patient Specific Exceptions** option.
- 2. At the **Would you like to create/edit an exception profile for a patient?** prompt type **YES**.
- 3. At the **Name, DOB or Chart# of the patient** prompt enter the patient to create an exception for.
- 4. Enter 'C' to create a new patient exception profile for that patient.

- 5. At the **Enter the new patient exception profile name** prompt enter the new profile name.
- 6. Enter 'A' to add a file exception profile for the patient.
- 7. At the **FILE** prompt enter the file to create the patient profile for (more than one file can be assigned to each patient profile).
- 8. At the EXCLUDE ALL FILE ENTRIES prompt enter YES to exclude all of the patient's entries in the file or NO to exclude specific entries. If YES is chosen, you will then be prompted to enter the EXCLUSION REASON and, if 'Other' was chosen, the OTHER EXCLUSION REASON. The exception process for this file for this profile is now complete.
- 9. If NO was chosen in the previous step, at the Would you like to create/edit/remove exceptions to exclude specific records in this file prompt type YES.
- 10. Enter 'C' to create a new entry exclusion.
- One by one a list of the patient's entries in the file will be displayed. Step through the list until you find the entry you are looking for. Once an entry is found, enter 'E' to exclude entry (create an exception).
- 12. At the EXCLUDE ENTIRE ENTRY prompt enter **YES** to exclude the entire entry or **NO** if you would like to exclude specific fields in the entry.
- 13. You will then be prompted to enter the EXCLUSION REASON and, if 'Other' was chosen, the OTHER EXCLUSION REASON.
- 14. If **NO** was chosen, you will then be able to enter field level exceptions. Enter 'A' to add a field level exception.
- 15. You will be presented with a list of fields in the file. Step through the fields until you find the field you are looking for. Once you have located the field you want, enter 'S' and a field level exception will be entered for that field.
- 16. Control will return to the previous menu where you can add an additional field level exception or remove an existing field exception.
- 17. Entering '**Q**' to get out of the field exceptions will return you to the next entry for the patient in the file.
- 18. You can step back through the menus to create/edit/remove exceptions for that file and to add exceptions for another file.

Figure 3-16 shows a sample patient exception created for a patient's PROBLEM file entries. One of the entries is being completely excluded while another entry has two fields excluded.

BREH Exception Menu 1. Define Site Level Exceptions 2. Define Patient Specific Exceptions 3. Display Patient and Site Exceptions Select number or return to quit: (1-3): 2 This option will allow a site to create a patient exception profile to be set up or edited. A patient exception profile allows sites to omit specific patient data from an EHI data export. This functionality is needed to prevent information specifically excluded from the HIPAA Privacy Rule individual right of access from being included in a requested EHI data output document. Information such as the following should not be included in an EHI document: (1) Psychotherapy notes, which are the notes recorded by a health care provider who is a mental health professional documenting or analyzing the contents of a conversation during a private counseling session and that are maintained separate from the rest of the patient's medical record. (2) Information compiled in reasonable anticipation of, or for use in, a civil, criminal, or administrative action or proceeding. More than one exception profile can be created for a patient. During the export process a user can select one or more of a patient's exception(s) to apply to the EHI export being generated. Would you like to create/edit an exception profile for a patient? NO// YES Please select the patient to create/edit a patient exception profile for. Name, DOB or Chart# of the patient: **DEMO, BARBARA** DEMO,BARBARA J - Demo FAVORITE* F 01-00-1980 XXX-XX-0123 DB 459 CHH 107338 NPP 114762 122188 Select one of the following: С Create a new patient exception profile Q Quit What action would you like to perform: Q// **C**reate a new patient exception profile Enter the new patient exception profile name: Exclude PROBLEM entries New patient exception profile 'EXCLUDE PROBLEM ENTRIES' has been created Select one of the following: Add file to exception profile А Quit 0

Selection: Q// Add file to exception profile Please select the file you would like to add/edit/remove the exception(s) for. FILE: PROBLEM EXCLUDE ALL FILE ENTRIES: N NO Would you like to create/edit/remove exceptions to exclude specific records in this file? NO// YES Current records with exceptions # Division Record IEN ____ ____ <No exceptions entered for file> Select one of the following: С Create New Entry Exclusion (add exception) 0 Quit Selection: Q// Create New Entry Exclusion (add exception) Patient entries in file PROBLEM: _____ ____ DIVISION: 2016 DEMO HOSPITAL ENTRY IEN: 14580 DIAGNOSIS: L70.9 PATIENT NAME: DEMO, BARBARA J DATE LAST MODIFIED: APR 21, 2023@10:50:37 PROVIDER NARRATIVE: Acne | FACILITY: 2016 DEMO HOSPITAL DATE ENTERED: SEP 27, 2021 NMBR: 1 STATUS: EPISODIC USER LAST MODIFIED: Delete, Delete NONREDISCLOSURE: NO ENTERED BY: Demo, Demo RECORDING PROVIDER: Demo, Demo PRIORITY: ACUTE USE AS POV (VISIT): SEP 27, 2021@12:19 USE AS POV (VISIT): JAN 05, 2023@17:48 USE AS POV (VISIT): APR 21, 2023@10:29 SNOMED CT CONCEPT CODE: 11381005 SNOMED CT DESIGNATION CODE: 19696016 Entry IEN Status: Entry Included in EHI Select one of the following: Exclude entry (create exception) Ε J Jump to specific IEN Ν Display next IEN entry in list Q Quit Selection: N// N Display next IEN entry in list _____ ____

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DIVISION: 2016 DEMO HOSPITAL ENTRY IEN: 14581 DIAGNOSIS: Z59.00 PATIENT NAME: DEMO, BARBARA J DATE LAST MODIFIED: JAN 10, 2023@11:32:24 PROVIDER NARRATIVE: Homeless | FACILITY: 2016 DEMO HOSPITAL NMBR: 2DATE ENTERED: OCT 01, 2STATUS: SOCIALUSER LAST MODIFIED: DemNONREDISCLOSURE: NOENTERED BY: Demo, DemoRECORDING PROVIDER: Demo, DemoPRIORITY: CHRONIC DATE ENTERED: OCT 01, 2021 USER LAST MODIFIED: Demo, Demo USE AS POV (VISIT): SEP 27, 2021@12:19 USE AS POV (VISIT): JAN 04, 2023012:05 USE AS POV (VISIT): JAN 04, 2023@12:05 SNOMED CT CONCEPT CODE: 32911000 SNOMED CT DESIGNATION CODE: 485356010 Entry IEN Status: Entry Included in EHI Select one of the following: E Exclude entry (create exception) Jump to specific IEN J N Display next IEN entry in list Ρ Display previous IEN entry in list Q Quit Selection: N// ${\tt N}$ Display next IEN entry in list _____ ____ DIVISION: 2016 DEMO HOSPITAL ENTRY IEN: 15108 DIAGNOSIS: D64.9 PATIENT NAME: DEMO, BARBARA J DATE LAST MODIFIED: FEB 28, 2023@10:20:58 PROVIDER NARRATIVE: Anemia | TESTING A FACILITY: 2016 DEMO HOSPITAL NMBR: 3 USER LAST MODIFIED: Demo, Demo ENTERED BY: Demo, Demo PRIORITY: ACUTE RECORDING PROVIDER: Demo, Demo USE AS POV (VISIT): FEB 28, 2023@10:13 SNOMED CT CONCEPT CODE: 271737000 SNOMED CT DESIGNATION CODE: 406636013 Entry IEN Status: Entry Included in EHI Select one of the following: E Exclude entry (create exception) J Jump to specific IEN Display next IEN entry in list Ν Ρ Display previous IEN entry in list Quit 0 Selection: N// N Display next IEN entry in list _____ DIVISION: 2016 DEMO HOSPITAL ENTRY IEN: 15173

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DIAGNOSIS: R50.9 PATIENT NAME: DEMO, BARBARA J DATE LAST MODIFIED: MAY 11, 2023@09:58:37 PROVIDER NARRATIVE: Fever | Going to delete FACILITY: 2016 DEMO HOSPITALNMBR: 4DATE ENTERED: MAY 11, 2023STATUS: DELETEDUSER LAST MODIFIED: Demo, DemoNONREDISCLOSURE: NOENTERED BY: Demo, DemoRECORDING PROVIDER: Demo, DemoPRIORITY: ACUTEPROBLEM DELETED BY: Demo, Demo DATE/TIME PROBLEM DELETED: MAY 11, 2023@09:58:57 REASON PROBLEM DELETED: OTHER REASON IF OTHER: Other delete reason SNOMED CT CONCEPT CODE: 386661006 SNOMED CT DESIGNATION CODE: 1480803010 Entry IEN Status: Entry Included in EHI Select one of the following: E Exclude entry (create exception) Jump to specific IEN J Ν Display next IEN entry in list Ρ Display previous IEN entry in list Ouit 0 Selection: N// N Display next IEN entry in list _____ DIVISION: 2016 DEMO HOSPITAL ENTRY IEN: 15177 DIAGNOSIS: Z21. PATIENT NAME: DEMO, BARBARA J DATE LAST MODIFIED: JUL 06, 2023@10:39:34 PROVIDER NARRATIVE: HIV positive | Tested positive for HIV FACILITY: 2016 DEMO HOSPITALNMBR: 5DATE ENTERED: JUL 06, 2023STATUS: EPISODICUSER LAST MODIFIED: Demo, DemoNONREDISCLOSURE: NOENTERED BY: Demo, DemoRECORDING PROVIDER: RECORDING PROVIDER: Demo, Demo PRIORITY: ACUTE USE AS POV (VISIT): JUL 06, 2023@10:35 SNOMED CT CONCEPT CODE: 165816005 SNOMED CT DESIGNATION CODE: 257855012 Entry IEN Status: Entry Included in EHI Select one of the following: Exclude entry (create exception) E J Jump to specific IEN Ν Display next IEN entry in list Display previous IEN entry in list Ρ Quit 0 Selection: N// Exclude entry (create exception) EXCLUDE ENTIRE ENTRY: Y YES EXCLUSION REASON: C Civil, criminal or administrative action or proceeding _____ ____ DIVISION: 2016 DEMO HOSPITAL ENTRY IEN: 15178

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DIAGNOSIS: ZZZ.999 PATIENT NAME: DEMO, BARBARA J DATE LAST MODIFIED: JUL 06, 2023@10:41:05 PROVIDER NARRATIVE: Suicide attempt by alcohol poisoning | FACILITY: 2016 DEMO HOSPITALNMBR: 6DATE ENTERED: JUL 06, 2023STATUS: EPISODICUSER LAST MODIFIED: Demo, DemoNONREDISCLOSURE: NOENTERED BY: Demo, DemoRECORDING PROVIDER: RECORDING PROVIDER: Demo, Demo PRIORITY: ACUTE USE AS POV (VISIT): JUL 06, 2023@10:35 SNOMED CT CONCEPT CODE: 461181000124102 SNOMED CT DESIGNATION CODE: 803721000124111 Entry IEN Status: Entry Included in EHI Select one of the following: E Exclude entry (create exception) J Jump to specific IEN Ρ Display previous IEN entry in list 0 Ouit Selection: Q// Exclude entry (create exception) EXCLUDE ENTIRE ENTRY: N NO EXCLUSION REASON: OTH Other OTHER EXCLUSION REASON: testing Exclude Individual Field(s) from a Specified File Entry This option allows specific fields for a chosen file entry to be excluded from an EHI document. If, for example, only particular field data in a record should be omitted from a generated EHI document, then that field information can be excluded while the remainder of the record can be sent. Select one of the following: Add Field Exception А Q Quit Selection: Q// Add Field Exception Field listing for PROBLEM file: # FIELD FIELD NUMBER DIAGNOSIS 1 .01 SNOMED CONCEPT PREFERRED TERM .019 2 PATIENT NAME .02 3 4 DATE LAST MODIFIED .03 5 CLASS .04 6 PROVIDER NARRATIVE .05 7 FACILITY .06 NMBR 8 .07 .08 DATE ENTERED 9 10 STATUS .12 Select one of the following:

J Jump to FIELD NUMBER Ν Next Select field S Q Quit Selection: N// **S**elect field Select field reference number (#) or return to quit: (1-57): 2Field exception successfully added CURRENT FIELD EXCEPTION(S): File/Subfile FIELD (#) _____ ____ PROBLEM SNOMED CONCEPT PREFERRED TERM (#.019) Select one of the following: A Add Field Exception R Remove Field Exception 0 Ouit Selection: Q// Add Field Exception CURRENT FIELD EXCEPTION(S): File/Subfile FIELD (#) _____ PROBLEM SNOMED CONCEPT PREFERRED TERM (#.019) Field listing for PROBLEM file: # FIELD NUMBER FIELD 1 DIAGNOSIS .01 SNOMED CONCEPT PREFERRED TERM .019 2 PATIENT NAME .02 3 DATE LAST MODIFIED 4 .03 5 CLASS .04 PROVIDER NARRATIVE .05 6 FACILITY 7 .06 .07 NMBR 8 9 DATE ENTERED .08 10 STATUS .12 Select one of the following: J Jump to FIELD NUMBER Ν Next S Select field Quit Q Selection: N// Select field Select field reference number (#) or return to quit: (1-57): 6Field exception successfully added CURRENT FIELD EXCEPTION(S): File/Subfile FIELD (#)

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```
PROBLEM SNOMED CONCEPT PREFERRED TERM (#.019)
PROBLEM PROVIDER NARRATIVE (#.05)
Select one of the following:
A Add Field Exception
R Remove Field Exception
Q Quit
Selection: Q// Quit
```

Figure 3-16: Patient Exception Profile

3.6.3 Display Patient and Site Exceptions

This option displays the **site/patient exceptions** defined at a site. The user may choose to view the site and patient exceptions all at one time or has the option to view just the site or patient exceptions created.

Select one of the following: A Display both Patient and Site Exceptions P Display Patient Exceptions S Display Site Exceptions Q Quit What action would you like to perform: Q//

Figure 3-17: Display patient and site exceptions

Figure 3-18 shows a sample display of the Site Level Exceptions.

```
BREH Exception Menu
1. Define Site Level Exceptions
2. Define Patient Specific Exceptions
3. Display Patient and Site Exceptions
Select number or return to quit: (1-3): 3
This option displays the site/patient exceptions defined at a site.
    Select one of the following:
                   Display both Patient and Site Exceptions
         А
         Ρ
                  Display Patient Exceptions
         S
                  Display Site Exceptions
         0
                   Ouit
What action would you like to perform: Q// S Display Site Exceptions
DEVICE: HOME// <Enter> VIRTUAL Right Margin: 80// <Enter>
SITE EXCEPTION LISTING
```

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```
_____
____
Profile Name: TEST
Profile Type: Local
Exception Reason: Psychotherapy note
Exception file/subfile:
Condition(s)
_____
<No conditions found for this site exception profile>
Condition Logic: <none>
                  _____
      _____
Profile Name: TEST2
Profile Type: Local
Exception Reason: Other
Other Exception Reason: TESTING
Exception file/subfile: PROBLEM
Condition(s)
 _____
Condition Letter: A
Condition: SNOMED CONCEPT PREFERRED TERM (#.019) NULL
Condition Logic: A
                _____
_____
Profile Name: TESTING
Profile Type: Local
Exception Reason: Other
Other Exception Reason: TESTING
Exception file/subfile:
Condition(s)
<No conditions found for this site exception profile>
Condition Logic: <none>
                  _____
------
____
Profile Name: TESTING TWO
Profile Type: Local
Exception Reason: Other
Other Exception Reason: TESTING
Exception file/subfile: PROBLEM
Condition(s)
Condition Letter: A
Condition: SNOMED CONCEPT PREFERRED TERM (#.019) NULL
Condition Logic: A
                _____
_____
____
Profile Name: TESTKJH
Profile Type: Local
Exception Reason: Other
Other Exception Reason: TESTING
Exception file/subfile: PROBLEM
```

```
Condition(s)
_____
Condition Letter: A
Condition: SNOMED CONCEPT PREFERRED TERM (#.019) NULL
Condition Logic: A
_____
                _____
____
Profile Name: TIU DOCUMENT - EXCLUDE UNSIGNED
Profile Type: Local
Exception Reason: Other
Other Exception Reason: Do not include draft documents
Exception file/subfile: TIU DOCUMENT
Condition(s)
_____
Condition Letter: A
Condition: SIGNATURE DATE/TIME (#1501) NULL
Condition Letter: B
Condition: SIGNED BY (#1502) NULL
Condition Logic: A!B
Press 'Return to continue':
```

Figure 3-18 Sample site level exception display

4.0 Package Operation

4.1 Generate a BREH EHI Export

This option allows a user to create an **EHI data export document** for a patient, list of patients or ALL patients.

Note: Every 14 days the system will add an additional question to confirm that you are using the newest schema definition provided by the OIT. If it has been 14 days or more since the user answered **YES** that they checked for a new schema (Figure 4-1). Users will continue to get prompted to answer this question until a user answers **YES** which will reset the 14 counter.

```
In order for all of a patient's information on file to be exported in an EHI document, the most recent national schema provided by OIT must be used. Therefore, before extracting a patient's EHI, sites should periodically check to see if a new schema file has been released. Sites should pull the most recent schema definition from the public location and import it into their RPMS system so it can be selected as the definition to use.
```

Figure 4-1 Periodic check for new schema message

To generate an EHI export for a patient or patients please follow these steps:

- 1. The user is prompt to select a **schema**. The system defaults to the latest nationally released schema. Entering a **?** allows the user to view the list of both nationally distributed schemas and locally customized schemas (Figure 4-2).
- 2. Pressing Enter leaves the system default, or you can select the schema you want to use by entering its name and pressing Enter.

```
Create an EHI export for a patient

This option allows a user to create an EHI data export document for a

patient, list of patients or ALL patients.

Please select the schema definition to use for this export

Schema: BREH_OIT_20230704// ?

Answer with BREH EHI SCHEMAS SCHEMA NAME, or OUTPUT FILE NAME

Choose from:

BREH_OIT_20230607

BREH_OIT_20230704

TESTING
```

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Schema: BREH_OIT_20230704// <Enter>

Figure 4-2: Nationally distributed and locally customized schemas

- 3. At the DO YOU WANT TO EXPORT 'SINGLE PATIENT', 'MULTIPLE PATIENTS' OR 'ALL PATIENTS' prompt make the appropriate selection. Note that demo patients can only be exported using the SINGLE PATIENT option providing they have been entered as EHI demo patients. Demo patients cannot be exported using the MULTIPLE PATIENTS or ALL PATIENTS selection (Figure 4-3).
- 4. Select the patient or patients you wish to generate an EHI document for (Figure 4-3).

```
DO YOU WANT TO EXPORT 'SINGLE PATIENT', 'MULTIPLE PATIENTS' OR 'ALL
PATIENTS': SINGLE PATIENT// SINGLE PATIENT
ENTER NAME, DOB OR CHART#: DEMO, BA
                                                                 DB
  1 DEMO, BABY VITALS
                                      F 06-01-2022
777775
  2 DEMO, BARABARA DEMO, BARBARA J - Demo FAVORITE*
                                      F 01-00-1980 XXX-XX-0123 DB 459
                                                                 CHH
107338
                                                                 NPP
114762
122188
CHOOSE 1-2: 2
 DEMO, BARBARA J - Demo FAVORITE* F 01-00-1980 XXX-XX-0123 DB 459
                                                                 CHH
107338
                                                                 NPP
114762
122188
```

Figure 4-3 Selecting output type and patient(s)

5. If the selected patient has patient exception profiles defined you will be prompted whether or not you want to apply any and if so which ones (Figure 4-4).

```
This patient has exception profiles on file.
Would you like to apply any to this export? N// YES
# Patient Exception Profile
1) EXCLUDE PROBLEM ENTRIES
Enter the # or #'s (separated by ',') or 'ALL' (for all profiles) to apply:
1
```

Figure 4-4 Selecting patient exception profiles to apply

6. If there are any site defined exception profiles defined you will be prompted whether or not you want to apply any and if so which ones (Figure 4-5).

```
There are site exception profiles defined for file(s) in this schema.
Would you like to apply any to this export? N// YES
# Site Exception Profile
1) TEST
2) TEST2
3) TESTING TWO
4) TESTKJH
5) TIU DOCUMENT - EXCLUDE UNSIGNED
Enter the # or #'s (separated by ',') or 'ALL' (for all profiles) to apply:
5
```

Figure 4-5 Selecting a site exception profiles to apply

7. Enter the output path (Figure 4-6).

Note: Since the generated files contain patient information, please ensure the location is encrypted and accessible by only the appropriate personnel.

```
Enter the path of the folder to place the file(s) in. Since the generated files contain patient information, please ensure the location is encrypted and accessible by only the appropriate personnel.
```

Export folder: H:\TEMP\CHITT// <Enter>

Figure 4-6 Selecting the EHI export output path

8. Select whether to process now in the foreground or queue to the background (Figure 4-7).

Run the process now or queue: R// ${\bf R} \text{UN}$ NOW

Figure 4-7 Choose to run in the foreground or background

9. Review the process information and enter YES to continue (Figure 4-8).

```
PROCESS INFORMATION

Schema definition: BREH_OIT_20230704

Storage location: H:\TEMP\CHITT

Process user: Demo, Demo

Process run time: NOW (Foreground Process)

Site Exception(s)

TIU DOCUMENT - EXCLUDE UNSIGNED

Patient(s): SINGLE PATIENT

Patient Patient Exception Profile
```

____ DEMO, BARBARA J EXCLUDE PROBLEM ENTRIES Prior to continuing, please verify that the path chosen to store the generated files in is encrypted and accessible by only the appropriate personnel. Would you like to continue? NO// YES Generating EHI Export for patient: DEMO, BARBARA J Processing file: VA PATIENT [#2] Processing file: PRF ASSIGNMENT [#26.13] Processing file: PRF HL7 EVENT [#26.21] Processing file: PATIENT ENROLLMENT [#27.11] Processing file: ENROLLMENT QUERY LOG [#27.12] Processing file: ENROLLMENT/ELIGIBILITY UPLOAD AUDIT [#27.14] Processing file: MST HISTORY [#29.11] Processing file: INCONSISTENT DATA [#38.5] Processing file: OPC [#40.1] Processing file: OPC ERRORS [#40.15] Processing file: SCHEDULED ADMISSION [#41.1] Processing file: PRE-REGISTRATION AUDIT [#41.41] Processing file: PRE-REGISTRATION CALL LOG [#41.43] Processing file: WAIT LIST [#42.5] Processing file: G&L CORRECTIONS [#43.5] Processing file: CENSUS WORKFILE [#45.85] Processing file: PAF [#45.9] Processing file: PRESCRIPTION [#52] Processing file: PATIENT NOTIFICATION (Rx READY) [#52.11] Processing file: RX VERIFY [#52.4] Processing file: PENDING OUTPATIENT ORDERS [#52.41] Processing file: RX SUSPENSE [#52.5] Processing file: PHARMACY ARCHIVE [#52.8] Processing file: NON-VERIFIED ORDERS [#53.1] Processing file: BCMA MEDICATION VARIANCE LOG [#53.78] Processing file: BCMA MEDICATION LOG [#53.79] Processing file: PHARMACY PATIENT [#55] Processing file: DRUG ACCOUNTABILITY TRANSACTION [#58.81] Processing file: LAB DATA [#63] Processing file: BLOOD INVENTORY [#65] Processing file: REFERRAL PATIENT [#67] Processing file: LAB ORDER ENTRY [#69] Processing file: RAD/NUC MED PATIENT [#70] Processing file: NUC MED EXAM DATA [#70.2] Processing file: RADIATION ABSORBED DOSE [#70.3] Processing file: RAD/NUC MED REPORTS [#74] Processing file: REPORT DISTRIBUTION [#74.4] Processing file: RAD/NUC MED ORDERS [#75.1] Processing file: ORDER [#100] Processing file: OE/RR PATIENT EVENT [#100.2] Processing file: ORDER DEA ARCHIVE INFO [#101.52] Processing file: PATIENT ALLERGIES [#120.8] Processing file: ADVERSE REACTION REPORTING [#120.85] Processing file: ADVERSE REACTION ASSESSMENT [#120.86] Processing file: REQUEST/CONSULTATION [#123] Processing file: GMR TEXT [#124.3] Processing file: GMRY PATIENT I/O FILE [#126] Processing file: INTEGRATED BILLING ACTION [#350] Processing file: CATEGORY C BILLING CLOCK [#351]

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Processing file: IB CONTINUOUS PATIENT [#351.1] Processing file: SPECIAL INPATIENT BILLING CASES [#351.2] Processing file: BILLING PATIENT [#354] Processing file: BILLING EXEMPTIONS [#354.1] Processing file: INSURANCE CLAIMS YEAR TO DATE [#355.5] Processing file: PERSONAL POLICY [#355.7] Processing file: CLAIMS TRACKING [#356] Processing file: HOSPITAL REVIEW [#356.1] Processing file: INSURANCE REVIEW [#356.2] Processing file: CLAIMS TRACKING/BILL [#356.399] Processing file: INPATIENT DIAGNOSIS [#356.9] Processing file: PATIENT MOVEMENT [#405] Processing file: INPATIENT PROCEDURE [#356.91] Processing file: INPATIENT INTERIM DRG [#356.93] Processing file: INPATIENT PROVIDERS [#356.94] Processing file: ENCOUNTER FORM TRACKING [#357.96] Processing file: AICS ERROR AND WARNING LOG [#359.3] Processing file: IB AUTOMATED BILLING COMMENTS [#362.1] Processing file: IB BILL/CLAIMS PRESCRIPTION REFILL [#362.4] Processing file: BILL/CLAIMS [#399] Processing file: TREATING FACILITY LIST [#391.91] Processing file: BENEFICIARY TRAVEL CLAIM [#392] Processing file: BENEFICIARY TRAVEL CERTIFICATION [#392.2] Processing file: INCOMPLETE RECORDS [#393] Processing file: BILL/CLAIMS [#399] Processing file: PATIENT MOVEMENT [#405] Processing file: SD WAIT LIST [#409.3] Processing file: SDWL TRANSFER REQUEST [#409.35] Processing file: SDWL TRANSFER ACCEPT [#409.36] Processing file: EWL CLEAN-UP [#409.39] Processing file: OUTPATIENT CLASSIFICATION [#409.42] Processing file: OUTPATIENT ENCOUNTER [#409.68] Processing file: OUTPATIENT DIAGNOSIS [#409.43] Processing file: OUTPATIENT PROVIDER [#409.44] Processing file: SDSC SERVICE CONNECTED CHANGES [#409.48] Processing file: SCHEDULING VISITS [#409.5] Processing file: APPOINTMENT PFSS ACCOUNT REFERENCE [#409.55] Processing file: OUTPATIENT ENCOUNTER [#409.68] Processing file: TRANSMITTED OUTPATIENT ENCOUNTER [#409.73] Processing file: DELETED OUTPATIENT ENCOUNTER [#409.74] Processing file: TRANSMITTED OUTPATIENT ENCOUNTER ERROR [#409.75] Processing file: ACRP TRANSMISSION HISTORY [#409.77] Processing file: ORDER CHECK PATIENT ACTIVE DATA [#860.1] Processing file: IMAGE [#2005] Processing file: IMAGING ANNOTATION [#2005.002] Processing file: IMAGE AUDIT [#2005.1] Processing file: PACS MESSAGE [#2006.5] Processing file: TELEREADER READ/UNREAD LIST [#2006.5849] Processing file: MULTI IMAGE PRINT [#2006.961] Processing file: TIU DOCUMENT [#8925] Processing file: TIU MULTIPLE SIGNATURE [#8925.7] Processing file: TIU PROBLEM LINK [#8925.9] Processing file: TIU EXTERNAL DATA LINK [#8925.91] Processing file: ALERT TRACKING [#8992.1] Processing file: RCIS REFERRAL [#90001] Processing file: RCIS DIAGNOSIS [#90001.01] Processing file: RCIS PROCEDURE [#90001.02] Processing file: RCIS COMMENTS [#90001.03] Processing file: RCIS SECONDARY REFERRAL [#90001.04] Processing file: RCIS MESSAGES [#90001.57] Processing file: CHR RECORD [#90002]

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Processing file: CHR POV [#90002.01] Processing file: CHR EDUCATION PROVIDED [#90002.02] Processing file: A/R BILL/IHS [#90050.01] Processing file: A/R ACCOUNTS/IHS [#90050.02] Processing file: A/R TRANSACTIONS/IHS [#90050.03] Processing file: A/R BILL ERROR [#90050.04] Processing file: A/R PREPAYMENT [#90050.06] Processing file: A/R FLAT RATE POSTING [#90054.01] Processing file: A/R EDI CLAIM STATUS [#90056.08] Processing file: BLS LOINC EXPORT [#90221] Processing file: V LAB [#9000010.09] Processing file: ROI LISTING RECORD [#90264] Processing file: BEX REFILL TRANSACTION [#90350.1] Processing file: BDP DESG SPECIALTY PROVIDER [#90360.1] Processing file: BGO PROBLEM PRIORITY [#90362.22] Processing file: PROBLEM [#9000011] Processing file: HMS REGISTRY [#90451] Processing file: BEH RECONCILIATION [#90461.63] Processing file: IZ EXPORTS [#90480.1] Processing file: ICARE PATIENT [#90507.5] Processing file: ICARE DX CAT REGISTRY [#90509] Processing file: ICARE REMINDER NOTIFICATIONS [#90509.4] Processing file: ICARE DX CAT FACTORS [#90509.5] Processing file: BCDM PATIENT [#90520] Processing file: CM EVENT TRACKING [#90620] Processing file: CM EVENT QUEUE [#90629] Processing file: BJPN PRENATAL PROBLEMS [#90680.01] Processing file: THIRD PARTY ELIGIBLE [#1800008] Processing file: LIST MANAGER [#1800015] Processing file: MEDICAID CLAIM [#1800071] Processing file: C.O. & DEPENDENT BILLING [#1800075] Processing file: DENTAL TREATMENT [#1803001] Processing file: PATIENT [#9000001] Processing file: MEDICARE ELIGIBLE [#9000003] Processing file: MEDICARE CLAIMS [#9000003.01] Processing file: POLICY HOLDER [#9000003.1] Processing file: MEDICAID ELIGIBLE [#9000004] Processing file: MEDICAID CLAIMS [#9000004.01] Processing file: RAILROAD ELIGIBLE [#9000005] Processing file: RAILROAD CLAIMS [#9000005.01] Processing file: PRIVATE INSURANCE ELIGIBLE [#9000006] Processing file: PRIVATE INSURANCE CLAIMS [#9000006.01] Processing file: VAMB ELIGIBLE [#9000006.02] Processing file: VISIT [#9000010] Processing file: V MEASUREMENT [#9000010.01] Processing file: V HOSPITALIZATION [#9000010.02] Processing file: V CHS [#9000010.03] Processing file: V EYE GLASS [#9000010.04] Processing file: V DENTAL [#9000010.05] Processing file: V PROVIDER [#9000010.06] Processing file: V POV [#9000010.07] Processing file: V PROCEDURE [#9000010.08] Processing file: V LAB [#9000010.09] Processing file: V IMMUNIZATION [#9000010.11] Processing file: V SKIN TEST [#9000010.12] Processing file: V EXAM [#9000010.13] Processing file: V MEDICATION [#9000010.14] Processing file: V TREATMENT [#9000010.15] Processing file: V PATIENT ED [#9000010.16] Processing file: V CPT [#9000010.18] Processing file: V ACTIVITY TIME [#9000010.19]

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Processing file: V DIAGNOSTIC PROCEDURE RESULT [#9000010.21] Processing file: V RADIOLOGY [#9000010.22] Processing file: V HEALTH FACTORS [#9000010.23] Processing file: V PATHOLOGY [#9000010.24] Processing file: V MICROBIOLOGY [#9000010.25] Processing file: V EMERGENCY VISIT RECORD [#9000010.29] Processing file: V PHN [#9000010.32] Processing file: V TRANSACTION CODES [#9000010.33] Processing file: V NARRATIVE TEXT [#9000010.34] Processing file: V ELDER CARE [#9000010.35] Processing file: V TRANSACTION CHARGE [#9000010.37] Processing file: V UNHF [#9000010.38] Processing file: V ASTHMA [#9000010.41] Processing file: V INFANT FEEDING CHOICES [#9000010.44] Processing file: V WELL CHILD [#9000010.46] Processing file: V TELEHEALTH [#9000010.48] Processing file: V NUTRITION SCREENING [#9000010.49] Processing file: V ANTICOAGULATION [#9000010.51] Processing file: V UPDATED/REVIEWED [#9000010.54] Processing file: V VISIT INSTRUCTIONS [#9000010.58] Processing file: V REFERRAL [#9000010.59] Processing file: V TREATMENT/REGIMEN [#9000010.61] Processing file: V AMI [#9000010.62] Processing file: V STROKE [#9000010.63] Processing file: PROBLEM [#9000011] Processing file: PERSONAL HISTORY [#9000013] Processing file: FAMILY HISTORY [#9000014] Processing file: FAMILY HISTORY FAMILY MEMBERS [#9000014.1] Processing file: REPRODUCTIVE FACTORS [#9000017] Processing file: PT LAB RELATED DATA [#9000020] Processing file: PATIENT REFUSALS FOR SERVICE/NMI [#9000022] Processing file: ELDER CARE [#9000023] Processing file: BIRTH MEASUREMENT [#9000024] Processing file: PODIATRY HISTORY [#9000028] Processing file: AUTO/LIABILITY [#9000031] Processing file: WORKMAN'S COMP [#9000032] Processing file: PATIENT NAME CHANGES [#9000033] Processing file: PATIENT'S LEGAL DOCS [#9000034] Processing file: CATEGORY PRIORITIZING [#9000035] Processing file: MSP PATIENT [#9000037] Processing file: NOTICE OF PRIVACY PRACTICES [#9000038] Processing file: RESTRICTED HEALTH INFORMATION [#9000039] Processing file: ADVANCE DIRECTIVE [#9000040] Processing file: THIRD PARTY LIABILITY [#9000041] Processing file: WORKMAN'S COMPENSATION [#9000042] Processing file: GUARANTOR [#9000043] Processing file: BENEFIT COORDINATOR CASES [#9000044] Processing file: PATIENT APPLICATIONS [#9000045] Processing file: PRIOR AUTHORIZATIONS [#9000046] Processing file: SPENDDOWN INFORMATION [#9000047] Processing file: PATIENT IMPLANTED DEVICES [#9000091] Processing file: CARE PLAN [#9000092] Processing file: PATIENT GOALS [#9000093] Processing file: TREATMENT PLAN [#9000094] Processing file: DENTAL FOLLOWUP [#9002003.2] Processing file: DENTAL DEFERRED SVCS REGISTER [#9002003.4] Processing file: DENTAL PROCEDURE [#9002007] Processing file: DENTAL PATIENT [#9002010.2] Processing file: MHSS RECORD [#9002011] Processing file: MHSS RECORD PROBLEMS (POVS) [#9002011.01] Processing file: MHSS RECORD PROVIDERS [#9002011.02]

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Processing file: MHSS RECORD TREATED MEDICAL PROBS [#9002011.03] Processing file: MHSS RECORD PROCEDURES (CPT) [#9002011.04] Processing file: MHSS RECORD PATIENT EDUCATION [#9002011.05] Processing file: BH CD STAGING TOOL [#9002011.06] Processing file: MHSS INTAKE [#9002011.07] Processing file: MHSS RECORD HEALTH FACTORS [#9002011.08] Processing file: MHSS RECORD PREVENTION ACTIVITES [#9002011.09] Processing file: MHSS RECORD NAVAJO REFERRAL FORM [#9002011.11] Processing file: MHSS RECORD MEASUREMENTS [#9002011.12] Processing file: MHSS RECORD INTAKE [#9002011.13] Processing file: MHSS RECORD UPDATED/REVIEWED [#9002011.14] Processing file: MHSS PATIENT PROBLEM LIST [#9002011.51] Processing file: MHSS PATIENT PERSONAL HX [#9002011.52] Processing file: MHSS PATIENT TREATMENT NOTES [#9002011.53] Processing file: MHSS PATIENT DATA [#9002011.55] Processing file: MHSS PATIENT TREATMENT PLANS [#9002011.56] Processing file: *MHSS PATIENT TX PLAN METHODS [#9002011.57] Processing file: MHSS CASE DATES [#9002011.58] Processing file: *MHSS PATIENT TP PROBLEMS [#9002011.62] Processing file: *MHSS PATIENT TP GOALS 2 [#9002011.63] Processing file: *MHSS PATIENT TP METHODS [#9002011.64] Processing file: MHSS SUICIDE FORMS [#9002011.65] Processing file: MHSS GROUP [#9002011.67] Processing file: MHSS MOST RECENTLY SELECTED ITEMS PATIENT [#9002012.96] Processing file: BSDX APPOINTMENT [#9002018.4] Processing file: CHS CHEF REGISTRY [#9002064.1] Processing file: CHS DEFERRED SERVICE DATA [#9002066] Processing file: CHS DENIAL DATA [#9002071] Processing file: CHS FACILITY [#9002080] Processing file: BI PATIENT [#9002084] Processing file: BI PATIENT IMMUNIZATIONS DUE [#9002084.1] Processing file: BI PATIENT CONTRAINDICATIONS [#9002084.11] Processing file: BI PATIENT CONTRAINDICATIONS DELETED [#9002084.115] Processing file: BI V IMMUNIZATIONS DELETED [#9002084.118] Processing file: BI PATIENT FORECAST ERRORS [#9002084.12] Processing file: BW PATIENT [#9002086] Processing file: BW PROCEDURE [#9002086.1] Processing file: BW NOTIFICATION [#9002086.4] Processing file: QA CHS ADMISSION [#9002157] Processing file: QA IHS ADMISSION [#9002159] Processing file: QI OCCURRENCE [#9002167] Processing file: CDMIS INIT/INFO/FU [#9002170] Processing file: CDMIS VISIT [#9002172.1] Processing file: CDMIS TRANS/DISC/CLOSE [#9002171] Processing file: CDMIS CLIENT SVCS [#9002172] Processing file: CDMIS VISIT [#9002172.1] Processing file: CDMIS CLIENT CATEGORY [#9002172.8] Processing file: CDMIS BILL [#9002172.9] Processing file: CIC VISIT [#9002230] Processing file: 3P CLAIM DATA [#9002274.3] Processing file: 3P CANCELLED CLAIM DATA [#9002274.32] Processing file: 3P BILL [#9002274.4] Processing file: ABSP COMBINED INSURANCE [#9002313.1] Processing file: ABSP LOG OF TRANSACTIONS [#9002313.57] Processing file: ABSP ELIGIBILITY [#9002313.7] Processing file: DAY SURGERY [#9009012] Processing file: DS INCOMPLETE CHART [#9009012.5] Processing file: INCOMPLETE CHART-OLD [#9009013] Processing file: SCHEDULED VISIT-OLD [#9009013.1] Processing file: WAITING LIST CLINIC-OLD [#9009015] Processing file: INCOMPLETE CHART [#9009016.1]

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```
Processing file: SCHEDULED VISIT [#9009016.7]
Processing file: WAITING LIST [#9009017.1]
Processing file: ACCESS RESTRICTIONS [#9009018.1]
Processing file: BLRA LAB AUDIT [#9009027]
Processing file: APSP INTERVENTION [#9009032.4]
Processing file: APSP MEDHIST REQUESTS [#9009033.85]
Processing file: APSP SURESCRIPTS REQUESTS [#9009033.91]
Processing file: NON FORMULARY REQUESTS [#9009035.1]
Processing file: APSP CS AUDIT LOG [#9009036]
Processing file: APSP DEA ARCHIVE INFO [#9009036.1]
Processing file: AGVQ VERIQUEST PATIENT [#9009062.08]
Processing file: AG MESSAGE TRANSACTIONS [#9009063.1]
Processing file: AG ACA LOG [#9009063.5]
Processing file: AGEV INSURANCE ELIGIBILITY HOLDING [#9009066]
Processing file: ER VISIT [#9009080]
Processing file: ER ADMISSION [#9009081]
Converting data to JSON
Exporting JSON data to a file
EHI Export File: EHI_99999_CHITT_20230710 102638 7211.txt
has been created and placed in folder:
H:\Temp\CHITT\
```

Figure 4-8 Generating an EHI export

10. When completed, the file(s) are accessible in the **folder path** (Figure 4-9) defined.

Figure 4-9 Sample EHI export file

11. To view the file, utilize **Notepad** ++ or a similar application by right-clicking the **file name** (Figure 4-10).
| • | This PC > PUB (H:) > Temp > C | CHITT > | | | | |
|-------|--------------------------------------|--------------|----------------------|--------------------|---------------|-------|
| e | Name | | | Date modified | Туре | Size |
| · | EHI 99999 CHITT 20230710_102638_7211 | | 20230710_102638_7211 | 7/10/2023 10:26 AM | Text Document | 999 K |
| | Open | | 230710 | 7/10/2023 9:57 AM | Text Document | 11 |
| | Print | | 230707 | 7/7/2023 9:57 AM | Text Document | 11 |
| s | Edit | | | 7/6/2023 2:53 PM | File | 15 |
| 20 | CrowdStrike Falcon malware scan | > | 230706 | 7/6/2023 9:57 AM | Text Document | 1 |
| | 7-Zip | > | | 7/5/2023 4:41 PM | File | 9 |
| | CRC SHA | > | | 7/5/2023 2:33 PM | Text Document | 5,533 |
| | Edit with Notepad++ | | 20230705_133808_7564 | 7/5/2023 1:38 PM | Text Document | 210 |
| F | Scan with Windows Defender | | | 7/5/2023 1:31 PM | File | 42 |
| | Open with | > | | 7/5/2023 12:46 PM | File | 28 |
| | Restore previous versions | · · · · · | 230705 | 7/5/2023 9:57 AM | Text Document | 1 |
| - | | | CAPTURE 1 | 7/4/2023 3:02 PM | File | 1 |
| _ | Send to | > | CAPTURE | 7/4/2023 2:37 PM | File | 50 |
| | Cut | | 14 | 7/4/2023 2:33 PM | Text Document | 5,534 |
| | Сору | | 230704 | 7/4/2023 9:57 AM | Text Document | 1 |
| - | Crosta charteut | | 600 | 7/3/2023 9:59 AM | Text Document | 57 |
| | Delete | | 20230600 | 7/3/2023 9:59 AM | Text Document | 2 |
| | Delete | | _20230600 | 7/3/2023 9:59 AM | Text Document | 2 |
| _ | Kename | | _20230600 | 7/3/2023 9:59 AM | Text Document | 1 |
| | Properties | | 20230600 | 7/3/2023 9:59 AM | Text Document | 2 |
| Stora | age (D:) | EZ_202101_2 | 230703 | 7/3/2023 9:57 AM | Text Document | 1 |
| | | EZ 202101 20 | 230630 | 6/30/2023 9·57 AM | Text Document | 1 |

Figure 4-10: Utilizing Notepad ++

12. In **Notepad** ++, click the **Plugin option** in the **toolbar** and select **JSON Viewer**. The system displays the exported data in a treeview (Figure 4-11 and Figure 4-12).

The fast stack Vew forceding Language Stating Tools More Ray Fungers Venders ? + Image: State	م × •
Image: State of the state	- 0
1 1	•
Incompile Time*:("INTERNAL DATE /Slool /ET*:*-0500*, "VALUE*:*2023-07-10110:26:38-0500"), "CONTENT DESCRIPTION":"All data residing in RPMS for the patient is included in the fol /contool /contool	01
realized and the second sec	
n MiME Tools >	
Converter >	
NppExport	
Show JSON Viewer Ctrl+Alt+Shift+J JSON Viewer >	
Format JSON Ctrl+Alt+Shift+M Plugins Admin	11
Compress JSON Ctrl+Alt+Shift+C Open Plugins Folder	
Setting	
About	
	2

Figure 4-11: JSON Viewer

and the second se		
H:\Temp\CHITT\EHI_99999_CHITT_20230710_102638_7211.txt - Notepad++		J X
File Edit Search View Encoding Language Settings Tools Macro Run Plugir	ins Window ?	+ v ×
3 ≝ H N N N A 4 N N P C # % 3 3 4 N N N I 5 1		
SON Wewer Panel X	EH_99999_CHITT_20230710_102638_7211.txt E3	()
	1 ["COMPILE TIME":("INTERNAL_DATE":3230710.102638,"UTC_OFFSET":"-0500","VALUE":"2023-07-10710:26:38-0500"),"CONTENT DESCRIPTI	ON":"A11
Don		
JSON	<	,
formal text file	length: 1.022.162 lines: 1 Ln: 1 Col: 1.022.163 Sel: 1.022.162 L1 Windows (CRLF) UTF-8	INS

Figure 4-12: Exported data

4.2 Real World Testing Report

This option generates a **Real World Testing Report** for a selected date range. The report will show the number of EHI documents that were requested, as well as the number of documents that failed to generate. If desired, a listing of successful/unsuccessful EHI documents will be returned.

Note: In order to compile this information, the report logic loops through BUSA auditing information. Because so much information gets audited by BUSA, it is important to run this report for the smallest date range possible (preferably a week or less) since the report could take a long time to compile.

- 1. The user enters the report **beginning date**. The system allows for the user of **T** for Today and **T-?** similar to other RPMS date fields.
- 2. The user enters the report **ending date**. The system allows for the user of **T** for Today and **T-?** similar to other RPMS date fields.
- 3. The user is asked if they want to include **demo patients**. The system default is **No**.
- 4. The user can display summary totals (Figure 4-13) or a detailed list of patients and their file generation status (Figure 4-14).
- 5. The user must enter a **device**. The system default is **home** to the screen.

Would you like to continue? NO// ${\bf Y}$ YES

Package Operation

Enter the report beginning date: **T** (JUN 20, 2023) Enter the report ending date: T (JUN 20, 2023) Would you like to include demo patients in the totals? NO// Y YES Would you like to see the report detail showing each record? NO// <Enter> DEVICE: HOME// **<Enter>** Virtual Compiling report... Outputting report... REAL WORLD TESTING REPORT FROM: Jun 20, 2023 TO Jun 20, 2023 SUMMARY Total Requested EHI exports: 579 Successful EHI Exports: Total EHI exports successfully generated (S): 578 Failed EHI Exports: Exports that did not complete successfully (F): 0 Export processes that errored prior to failure capture (E): 1 Total Failed EHI requests: 1 Successful EHI completion percentage: 99.82% Hit ENTER to continue:

Figure 4-13: Successful/unsuccessful EHI documents listing

Successful·EHI·completion·percentage: 99.82%¶					
Request Dt/Tm	Patient	Requestor			
06/20/2023 08:12 06/20/2023 09:52	DEMO,PATIENT EHIINPATIEN DEMO,CCDA TRIAGETHREE	HATHAWAY, STRUBLE,			
06/20/2023 09:52 06/20/2023 09:52 06/20/2023 09:52	DEMO,CCDA TRIAGETEST LANG,	STRUBLE, STRUBLE, STRUBLE			
06/20/2023 09:52 06/20/2023 09:52	JENKINS, DEMO,RETEST USINGEM	STRUBLE, STRUBLE,			
06/20/2023 09:52	BPRM, TOPRETHREE BPRM, TOPRETWO	STRUBLE, STRUBLE,			
06/20/2023 09:55 06/20/2023 09:55 06/20/2023 09:55	DEMO,CCDA TRIAGE DEMO,CCDA INPTWO	STRUBLE, STRUBLE,			
06/20/2023 09:55 06/20/2023 09:55	DEMO,CCDA TRIAGETWO DEMO,CCDA AMB	STRUBLE, STRUBLE,			
06/20/2023 09:55	DEMO, TEST CCDAPTHREE SILOPANNA, TRIAGE THREE STLOPANNA, TRIAGE TWO	STRUBLE, STRUBLE, STRUBLE.			
06/20/2023 09:55 06/20/2023 09:55	SILOPANNA, TRIAGE ONE BPRM, AMTWO	STRUBLE, STRUBLE,			
06/20/2023 09:55 06/20/2023 09:55 06/20/2023 09:56	BPRM,AMONE ZDEMO,ZMAN STRUBLE.NEW FIRST	STRUBLE, STRUBLE, STRUBLE.			

Figure 4-14: Detailed list of patients and their file generation status

Appendix A Rules of Behavior

The Resource and Patient Management (RPMS) system is a United States Department of Health and Human Services (HHS), Indian Health Service (IHS) information system that is *FOR OFFICIAL USE ONLY*. The RPMS system is subject to monitoring; therefore, no expectation of privacy shall be assumed. Individuals found performing unauthorized activities are subject to disciplinary action including criminal prosecution.

All users (Contractors and IHS Employees) of RPMS will be provided a copy of the Rules of Behavior (ROB) and must acknowledge that they have received and read them prior to being granted access to a RPMS system, in accordance IHS policy.

- For a listing of general ROB for all users, see the most recent edition of *IHS General User Security Handbook* (SOP 06-11a).
- For a listing of system administrators/managers rules, see the most recent edition of the *IHS Technical and Managerial Handbook* (SOP 06-11b).

Both documents are available at this IHS website: <u>https://home.ihs.gov/security/index.cfm</u>.

Note: Users must be logged on to the IHS D1 Intranet to access these documents.

The ROB listed in the following sections are specific to RPMS.

A.1 All RPMS Users

In addition to these rules, each application may include additional ROBs that may be defined within the documentation of that application (e.g., Dental, Pharmacy).

A.1.1 Access

RPMS users shall

- Only use data for which you have been granted authorization.
- Only give information to personnel who have access authority and have a need to know.
- Always verify a caller's identification and job purpose with your supervisor or the entity provided as employer before providing any type of information system access, sensitive information, or nonpublic agency information.
- Be aware that personal use of information resources is authorized on a limited basis within the provisions *Indian Health Manual* Part 8, "Information Resources Management," Chapter 6, "Limited Personal Use of Information Technology Resources."

RPMS users shall not

- Retrieve information for someone who does not have authority to access the information.
- Access, research, or change any user account, file, directory, table, or record not required to perform their *official* duties.
- Store sensitive files on a PC hard drive, or portable devices or media, if access to the PC or files cannot be physically or technically limited.
- Exceed their authorized access limits in RPMS by changing information or searching databases beyond the responsibilities of their jobs or by divulging information to anyone not authorized to know that information.

A.1.2 Information Accessibility

RPMS shall restrict access to information based on the type and identity of the user. However, regardless of the type of user, access shall be restricted to the minimum level necessary to perform the job.

RPMS users shall

- Access only those documents they created and those other documents to which they have a valid need-to-know and to which they have specifically granted access through an RPMS application based on their menus (job roles), keys, and FileMan access codes. Some users may be afforded additional privileges based on the functions they perform, such as system administrator or application administrator.
- Acquire a written preauthorization in accordance with IHS policies and procedures prior to interconnection to or transferring data from RPMS.

A.1.3 Accountability

RPMS users shall

- Behave in an ethical, technically proficient, informed, and trustworthy manner.
- Log out of the system whenever they leave the vicinity of their personal computers (PCs).
- Be alert to threats and vulnerabilities in the security of the system.
- Report all security incidents to their local Information System Security Officer (ISSO).
- Differentiate tasks and functions to ensure that no one person has sole access to or control over important resources.
- Protect all sensitive data entrusted to them as part of their government employment.
- Abide by all Department and Agency policies and procedures and guidelines related to ethics, conduct, behavior, and information technology (IT) information processes.

A.1.4 Confidentiality

RPMS users shall

- Be aware of the sensitivity of electronic and hard copy information and protect it accordingly.
- Store hard copy reports/storage media containing confidential information in a locked room or cabinet.
- Erase sensitive data on storage media prior to reusing or disposing of the media.
- Protect all RPMS terminals from public viewing at all times.
- Abide by all Health Insurance Portability and Accountability Act (HIPAA) regulations to ensure patient confidentiality.

RPMS users shall not

- Allow confidential information to remain on the PC screen when someone who is not authorized to that data is in the vicinity.
- Store sensitive files on a portable device or media without encrypting.

A.1.5 Integrity

RPMS users shall

- Protect their systems against viruses and similar malicious programs.
- Observe all software license agreements.

- Follow industry standard procedures for maintaining and managing RPMS hardware, operating system software, application software, and/or database software and database tables.
- Comply with all copyright regulations and license agreements associated with RPMS software.

RPMS users shall not

- Violate federal copyright laws.
- Install or use unauthorized software within the system libraries or folders.
- Use freeware, shareware, or public domain software on/with the system without their manager's written permission and without scanning it for viruses first.

A.1.6 System Logon

RPMS users shall

- Have a unique User Identification/Account name and password.
- Be granted access based on authenticating the account name and password entered.
- Be locked out of an account after five successive failed login attempts within a specified time period (e.g., one hour).

A.1.7 Passwords

RPMS users shall

- Change passwords a minimum of every 90 days.
- Create passwords with a minimum of eight characters.
- If the system allows, use a combination of alpha-numeric characters for passwords, with at least one uppercase letter, one lower case letter, and one number. It is recommended, if possible, that a special character also be used in the password.
- Change vendor-supplied passwords immediately.
- Protect passwords by committing them to memory or store them in a safe place (do not store passwords in login scripts or batch files).
- Change passwords immediately if password has been seen, guessed, or otherwise compromised, and report the compromise or suspected compromise to their ISSO.
- Keep user identifications (IDs) and passwords confidential.

RPMS users shall not

• Use common words found in any dictionary as a password.

- Use obvious readable passwords or passwords that incorporate personal data elements (e.g., user's name, date of birth, address, telephone number, or social security number; names of children or spouses; favorite band, sports team, or automobile; or other personal attributes).
- Share passwords/IDs with anyone or accept the use of another's password/ID, even if offered.
- Reuse passwords. A new password must contain no more than five characters per eight characters from the previous password.
- Post passwords.
- Keep a password list in an obvious place, such as under keyboards, in desk drawers, or in any other location where it might be disclosed.
- Give a password out over the phone.

A.1.8 Backups

RPMS users shall

- Plan for contingencies such as physical disasters, loss of processing, and disclosure of information by preparing alternate work strategies and system recovery mechanisms.
- Make backups of systems and files on a regular, defined basis.
- If possible, store backups away from the system in a secure environment.

A.1.9 Reporting

RPMS users shall

- Contact and inform their ISSO that they have identified an IT security incident and begin the reporting process by providing an IT Incident Reporting Form regarding this incident.
- Report security incidents as detailed in the *IHS Incident Handling Guide* (SOP 05-03).

RPMS users shall not

• Assume that someone else has already reported an incident. The risk of an incident going unreported far outweighs the possibility that an incident gets reported more than once.

A.1.10 Session Timeouts

RPMS system implements system-based timeouts that back users out of a prompt after no more than 5 minutes of inactivity.

RPMS users shall

• Utilize a screen saver with password protection set to suspend operations at no greater than 10 minutes of inactivity. This will prevent inappropriate access and viewing of any material displayed on the screen after some period of inactivity.

A.1.11 Hardware

RPMS users shall

- Avoid placing system equipment near obvious environmental hazards (e.g., water pipes).
- Keep an inventory of all system equipment.
- Keep records of maintenance/repairs performed on system equipment.

RPMS users shall not

• Eat or drink near system equipment.

A.1.12 Awareness

RPMS users shall

- Participate in organization-wide security training as required.
- Read and adhere to security information pertaining to system hardware and software.
- Take the annual information security awareness.
- Read all applicable RPMS manuals for the applications used in their jobs.

A.1.13 Remote Access

Each subscriber organization establishes its own policies for determining which employees may work at home or in other remote workplace locations. Any remote work arrangement should include policies that:

- Are in writing.
- Provide authentication of the remote user through the use of ID and password or other acceptable technical means.
- Outline the work requirements and the security safeguards and procedures the employee is expected to follow.
- Ensure adequate storage of files, removal, and nonrecovery of temporary files created in processing sensitive data, virus protection, and intrusion detection, and provide physical security for government equipment and sensitive data.

• Establish mechanisms to back up data created and/or stored at alternate work locations.

Remote RPMS users shall

• Remotely access RPMS through a virtual private network (VPN) whenever possible. Use of direct dial in access must be justified and approved in writing and its use secured in accordance with industry best practices or government procedures.

Remote RPMS users shall not

• Disable any encryption established for network, internet, and Web browser communications.

A.2 RPMS Developers

RPMS developers shall

- Always be mindful of protecting the confidentiality, availability, and integrity of RPMS when writing or revising code.
- Always follow the IHS RPMS Programming Standards and Conventions (SAC) when developing for RPMS.
- Only access information or code within the namespaces for which they have been assigned as part of their duties.
- Remember that all RPMS code is the property of the U.S. Government, not the developer.
- Not access live production systems without obtaining appropriate written access and shall only retain that access for the shortest period possible to accomplish the task that requires the access.
- Observe separation of duties policies and procedures to the fullest extent possible.
- Document or comment all changes to any RPMS software at the time the change or update is made. Documentation shall include the programmer's initials, date of change, and reason for the change.
- Use checksums or other integrity mechanism when releasing their certified applications to assure the integrity of the routines within their RPMS applications.
- Follow industry best standards for systems they are assigned to develop or maintain and abide by all Department and Agency policies and procedures.
- Document and implement security processes whenever available.

RPMS developers shall not

• Write any code that adversely impacts RPMS, such as backdoor access, "Easter eggs," time bombs, or any other malicious code or make inappropriate comments within the code, manuals, or help frames.

- Grant any user or system administrator access to RPMS unless proper documentation is provided.
- Release any sensitive agency or patient information.

A.3 Privileged Users

Personnel who have significant access to processes and data in RPMS, such as, system security administrators, systems administrators, and database administrators, have added responsibilities to ensure the secure operation of RPMS.

Privileged RPMS users shall

- Verify that any user requesting access to any RPMS system has completed the appropriate access request forms.
- Ensure that government personnel and contractor personnel understand and comply with license requirements. End users, supervisors, and functional managers are ultimately responsible for this compliance.
- Advise the system owner on matters concerning information technology security.
- Assist the system owner in developing security plans, risk assessments, and supporting documentation for the certification and accreditation process.
- Ensure that any changes to RPMS that affect contingency and disaster recovery plans are conveyed to the person responsible for maintaining continuity of operations plans.
- Ensure that adequate physical and administrative safeguards are operational within their areas of responsibility and that access to information and data is restricted to authorized personnel on a need-to-know basis.
- Verify that users have received appropriate security training before allowing access to RPMS.
- Implement applicable security access procedures and mechanisms, incorporate appropriate levels of system auditing, and review audit logs.
- Document and investigate known or suspected security incidents or violations and report them to the ISSO, Chief Information Security Officer (CISO), and systems owner.
- Protect the supervisor, superuser, or system administrator passwords.
- Avoid instances where the same individual has responsibility for several functions (i.e., transaction entry and transaction approval).
- Watch for unscheduled, unusual, and unauthorized programs.
- Help train system users on the appropriate use and security of the system.

- Establish protective controls to ensure the accountability, integrity, confidentiality, and availability of the system.
- Replace passwords when a compromise is suspected. Delete user accounts as quickly as possible from the time that the user is no longer authorized system. Passwords forgotten by their owner should be replaced, not reissued.
- Terminate user accounts when a user transfers or has been terminated. If the user has authority to grant authorizations to others, review these other authorizations. Retrieve any devices used to gain access to the system or equipment. Cancel logon IDs and passwords and delete or reassign related active and backup files.
- Use a suspend program to prevent an unauthorized user from logging on with the current user's ID if the system is left on and unattended.
- Verify the identity of the user when resetting passwords. This can be done either in person or having the user answer a question that can be compared to one in the administrator's database.
- Shall follow industry best standards for systems they are assigned to and abide by all Department and Agency policies and procedures.

Privileged RPMS users shall not

- Access any files, records, systems, etc., that are not explicitly needed to perform their duties.
- Grant any user or system administrator access to RPMS unless proper documentation is provided.
- Release any sensitive agency or patient information.

Glossary

Designated Record Set

Defined in the HIPAA Rules (45 CFR 164.501), consists of the following:

- Medical records and billing records about individuals.
- Enrollment, payment, claims adjudication, and case or medical management record systems maintained by or for a health plan.
- Other records that are used, in whole or in part, to make decisions about individuals.

Electronic Protected Health Information

Defined in 45 CFR 160.103 to the extent that it would be included in a Designated Record Set (DRS) as defined in 45 CFR 164.501, regardless of whether the group of records are used or maintained by or for an entity covered by the Health Insurance Portability and Accountability Act (HIPAA) Rules.

Acronym List

Acronym	Term Meaning
21 CCA	21st Century Cures Act
ePHI	Electronic Protected Health Information
FIPS	Federal Information Processing Standard 199
GMT	Greenwich Mean time
HIPAA	Health Insurance Portability and Accountability Act
IHS	Indian Health Service
ONC	Office of National Coordinator
RPMS	Resource and Patient Management System
SSP	System Security Plan

Contact Information

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

Phone: (888) 830-7280 (toll free)

- Web: <u>https://www.ihs.gov/itsupport/</u>
- Email: <u>itsupport@ihs.gov</u>