Process for Testing a C32 for Meaningful Use (MU) Requirements

1. Install the C32 software as described in the C32 Installation Guide. Make sure to execute all configuration steps, start C Messaging and confirm that C32s are available within EHR.

2. Contact the Help Desk and receive the URL of the C32 repository that you will be sending C32s to.

3. Access the C Messaging menu in RPMS and select the "EDIT" option as follows:

   Select OPTION NAME: C MESSAGING MENU   BJMD C MESSAGING   C Messaging Menu
   **   EDIT   Edit C Messaging Site Parameters**
   **   ONE   Generate C32 for a single patient**
   **   ALL   Generate C32 documents for all patients in RPMS**
   **   MANG   Manage C Messaging transmissions**

4. Hit <Enter> past all prompts. Make sure NOT to enter a value at the TIME TO RUN NIGHTLY TASK prompt. If you do, it will try to create and upload C32 documents for ALL patients in the database, which may cause performance, disk space and other problems.

5. At the REPOSITORY LOCATION prompt, enter the URL that you received in step 2. A sample session follows:

   Select C Messaging Menu Option: edit Edit C Messaging Site Parameters
   Now editing C Messaging parameters:

   BACKGROUND JOB DELAY: 1// **<Enter>**
   RECORD GLOBAL REFERENCES: Do not capture global references
        // **<Enter>**
   TIME TO RUN NIGHTLY TASK: **<Enter>**

   Now editing C32 (Patient Summary)-specific parameters:

   DAYS KEEP TRANSMISSION ENTRIES: 30// **<Enter>**
   REPOSITORY LOCATION:
   http://sample.ihs.gov:19090/PatientRecordReceiverService/PatientRecordReceiverService
   ENABLED?: YES// **<Enter>**

6. You will be back at the C MESSAGING menu prompt. Access option "ONE". When prompted, enter the name of the patient whose C32 document you want to transmit to the test repository as follows:

```
Select C Messaging Menu Option: ONE  Generate C32 for a single patient
ENTER NAME, SSN, DOB OR CHART#: SMITH,JOHN
   1    SMITH,JOHN                 <A>   M 07-01-1987 XXX-XX-4901   CH 125315
                                                                   CI 125316
                                                                   URA 125317
   2    SMITH,JOHN                       M 12-29-1989 XXX-XX-7348   CH 139870
                                                                   CI 139871
                                                                   URA 139872
   3    SMITH,JOHN LANGDON         <WA>  M 02-04-1957 XXX-XX-8706   CH 105212
                                                                   CI 105213
                                                                   URA 105214
   4    SMITH,JOHN Z                     M 04-29-1969 XXX-XX-7636   CH 159349
                                                              CI 159350(I)
                                                                   URA 159351
```

```
   5    SMITH,JOHN BRAD                    M 05-30-1989 XXX-XX-7775   CH 129483
                                                                     CI 129484
                                                                     URA 129485
ENTER '^' TO STOP, OR
CHOOSE 1-5: 2
  SMITH,JOHN                               M 12-29-1989 XXX-XX-7348   CH 139870
                                                                     CI 139871
                                                                     URA 139872
C32 request has been scheduled for patient SMITH,JOHN
```

You can repeat step 6 as many times as needed to generate C32s for multiple patients. Note that demo patients can't be transmitted and you will receive an error message if you try.

7. Right click on the Ensemble cube in the Windows system tray. Access the System Management Portal for the Ensemble instance which contains the RPMS database that you are working with. Click on the "SQL" link in the "Data Management" column in the middle of the screen. Click on "Execute SQL Query" in the "SQL Operations" column. On the far left, click on your RPMS namespace, for example "GOLD5". The page will redisplay and you will see the name of the namespace in the sentence "Enter the SQL query you wish to execute in namespace GOLD5 using the form below" at the top of the page.

8. Type the following command in the white box in the middle of the screen: **SELECT TOP 3 DocType, InfoSourceInfoSourcename, PersonC32HRN, PersonC32ID, Status, TransmissionEndTimeStamp FROM BJMD_Xfer.Queue WHERE PushFlag=1**

9. Note that the command is case-sensitive, so make sure to type it in exactly as it appears above or copy-and-paste it from these instructions. Click on the "Execute Query" button immediately above the white box where you entered the command. After a few seconds a table containing between 1 and 3 rows will appear with each row representing a test C32 document that you previously sent out. Below is a sample screenshot of the results:

EMS   **Execute SQL Query**
Licensed to: **Vangent, Inc.**

Server: **VDENMIHSDBD01**
Instance: **ENSEMBLE**
User: **amikhayl**

o | Logout

[Execute SQL Query]   Go to:

nter the SQL query you wish to execute in namespace GOLD5 using the form below:

| Execute Query | Show Query Plan | Query History | Query Builder | Display: | Logical Mode ∨ | Max Rows: | 1000 |

```
SELECT top 3 DocType,InfoSourceInfoSourceName,PersonC32HRN,PersonC32ID,Status,TransmissionEndTimestamp
FROM BJMD_Xfer.Queue where PushFlag=1
```

he results of executing the SQL query are shown below:

Last update: **2011-07-08 10:38:27.988**

SQLCODE: **100** Row count: **3**   Performance: **0.050** seconds **43** global references

#	DocType	InfoSourceInfoSourceName	PersonC32HRN	PersonC32ID	Status	TransmissionEndTim
1	C32	Indian Health Services BFMC - DEMO HOSPITAL (1601)	UAA: 129969, UAS: 129970	1602_P10000	T	2011-06-06 18:01:16
2	C32	Indian Health Services BFMC - DEMO HOSPITAL (1601)	UAA: 103011, UAS: 103012	1602_P1000	T	2011-06-06 19:00:26
3	C32	Indian Health Services BFMC - DEMO HOSPITAL (1601)	UAA: 103714, UAS: 103715	1602_P1234	T	2011-06-06 19:01:20
	Complete					

10. The "T" in the "Status" column stands for "Transmitted" and the value of the TransmissionEndStamp column shows when the receipt of the C32 document was acknowledged by the central repository.

11. Take a screenshot of the screen and save it for future reference.