



LOUISIANA DEPT. OF HEALTH & HOSPITALS

Medicaid Eligibility Data System

External Design Part 1: Core System

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Revision Summary

The following revisions have been made to the document since it was first published:

Date	Description of Change	By
4/29/2003	Revised with RedMane templates	M. Smutko
7/31/2003	Added City and Zip tables to Reference Tables menus	Jennifer Leslie
8/2/2003	Added LAMI AUM Closure Code table to Reference Table Menu	Jennifer Leslie
3/22/2004	Update for SIR924 - Online Renewal guide	Lizette Nel
8/5/2004	Change REDTQ transaction ID to RNEWQ – SIR1105	Lizette Nel
7/25/2005	Add LaHIPP Interface Subsystem Menu (SIR867)	Lizette Nel
8/12/2005	Remove hospice except inquiry and display (SIR1186)	Karl Powers
11/14/2006	Added Good Cause reason and determination to Reference Table menus and added new menus (SIR1121)	Niki Wells
5/19/2008	Update MEDS screen to include PF5 – CSUM (SIR1479)	Lauren O'Neil
12/23/2009	Added "Person Inquiry by CCN" to PIM menu (SIR14930)	Guy Fankam

Introduction

A brief description of the purpose and functionality of the MEDS system is given here. This is not intended to be a comprehensive documentation of the entire system.

The primary function of MEDS is to capture Medicaid eligibility data. This process begins with the recording of the application. Applications are either accepted or rejected after the review of the entire set of programs (type cases) for which the applicant may be eligible.

While the actual determination of eligibility (acceptance or rejection) is a function performed by the worker rather than the system, the system will both record the results of the determination and also provide assistance in making the income eligibility determination. One key area of assistance provided by the application is the budget worksheet which records both income and deduction amounts for an assistance unit. The net income can then be compared to the appropriate income standard to determine whether the assistance unit is eligible. Sets of these budget worksheets can be created and will be recorded for an application, whether it is finally accepted or rejected.

If an application is rejected, the rejection reason is recorded. If it is accepted, a period of certification, the type case and the composition of the assistance unit (which members are eligible for benefits) are defined. Changes to an assistance unit over time and renewals are facilitated and recorded in the system.

One source of applications is through interfaces from other systems, such as L'AMI, notifying MEDS of the 'automatic' eligibility approval of some assistance units. Also key to this system is the automatic interface to the Medicaid claims processing system, MMIS, of all approved eligibility and any changes to the eligibility details. The handling of claims is not within the scope of the MEDS system as this is entirely the responsibility of MMIS. These are specified in the Interfaces External Design document.

There are many reports produced by the MEDS system. These are specified in the Reports External Design document.

This document describes the core application i.e. the core on-line functions that a worker will use in the course of determining whether an application for assistance should be certified, the on-line functions necessary to create budgets as part of the determination process and the on-line functions necessary to create the actual certifications. These on-line functions are also used for re-determinations.

Also included in this document are inquiries that will help the worker identify people and the cases to which they belong. Other inquiries help the worker to determine their outstanding workload in terms of applications, determinations and re-determinations.

Also included in this document are the batch processes that are necessary for the MEDS system.

Candidates for Next Phase

The following functions are not included in this document and can be specified at a later stage :

1. Provider Lock-in interface to MMIS
2. Person Merge function
3. Person Merge interface to MMIS.

System Navigation

The MED on-line system will consist of a number of subsystems. These are:

- Administration Subsystem

This subsystem contains the on-line functions for defining Budget Templates, security requirements, workers, caseloads and other system parameter information.

- Batch Submission Subsystem

This subsystem contains the on-line functions to allow users to request submission of batch jobs.

- Budget Worksheet Subsystem

This subsystem contains all of the on-line functions to create and maintain Budget Worksheets.

- Certification Subsystem

This subsystem contains all of the core on-line functions to create and maintain Applications, Certification Periods, Certification Period Type Cases and Segments. The creation and maintenance of Person information is also included here along with inquiries to help the worker identify a person.

- Reference Table Subsystem

This subsystem contains the on-line functions for maintaining the reference (code) tables.

- Workflow Subsystem

This subsystem contains the on-line functions for using workflow processing.

The following sub-sections represent the menu structure for navigating the MEDS system.

MEDS System Startup

The MEDS online system startup program (program name "MEDS") detects when an Annual Holiday Schedule has not been created for next year by September 1st. It works as follows:

If the current date is on or after September 1:

 If there isn't an existing Annual Holiday Schedule for next year:

 Store an Annual Holiday Schedule entry for next year. Ensure "Complete" is blank. This prevents the system from sending further review list entries once the initial one has been sent, as follows.

 Send a Review List with Reason Code "ADMN0001" – "Annual Holiday Schedule Not Defined" and Purpose "Complete Annual Holiday Schedule for YYYY" (where YYYY is next year), to the members of Review Group "SYSADMIN" – "System Administration and Setup".

 End-If

End-If

Note that that on the morning of September 1st, if the first several users login to MEDS at exactly the same moment, there is a possibility of that occasionally the second or third user may receive a strange error message because the start up program has attempted to store a second Annual Holiday Schedule for next year. If they try again it will be OK.

Main Menu

```

MEDS                      *** M.E.D. SYSTEM ***          05/19/08
MEXMANM                   METEST MAIN MENU              12:56:17

      Id Tran      Description
-----
      1 ASM        Administration Subsystem
      2 MNH        Mainframe Notice History
      3 BSM        Batch Submission Subsystem
      4 BWM        Budget Worksheet Subsystem
      5 CSM        Certification Subsystem
      6 RTM        Reference Table Subsystem
      7 TPL        Third Party Liability Subsystem
      8 WFM        Workflow Subsystem

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit  Csum                                RNEWQ

```

The Third Party Liability (TPL) and Automated Notices subsystems are available from the MEDS main menu as a convenience to the workers. This will enable them to easily get to the TPL or Automated Notices subsystems without leaving MEDS.

Non-Standard PF-Keys

PF5 – CSUM

This key invokes the Case Summary Inquiry screen.

PF12 – RNEWQ

This key invokes the Renewals by Caseload / Parish browse.

Administration Subsystem Menu

```

Message Line ...
  ASM                      *** M.E.D. SYSTEM ***          *DATE
  MEAMANM                  ADMINISTRATION SUBSYSTEM        *TIME

      Id Tran      Description
      -----
      1 ATM        Administration Tables Subsystem
      2 BTM        Budget Template Subsystem
      3 IFM        Interfaces Subsystem
      4 RNM        Run Control Subsystem
      5 SCM        Security Subsystem
      6 ANTM       Auto Notice Tables Subsystem

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit

```

Administration Tables Subsystem Menu

```

Message Line ...
  ATM                      *** M.E.D. SYSTEM ***          *DATE
  MEAATMM                  ADMINISTRATION TABLES SUBSYSTEM        *TIME

      Id Tran      Description
      -----
      1 APPC       Application/Contractor Center Maintenance
      2 APOS       Application Other Source Maintenance
      3 CSLD       Caseload Maintenance
      4 LOCN       Location Maintenance
      5 MCUT       Monthly Cutoff Maintenance
      6 STDV       Standard Value Maintenance
      7 TCAS       Type Case Maintenance
      8 TCAP       Type Case Approval Code Maintenance
      9 WRKR       Worker Maintenance
      10 WRKRU     Worker Inquiry by User Id
      11 HOLLS     Annual Holiday Schedule Maintenance
      12 VERI      Verification Code Maintenance
      13 ADEM      Audit Trail By Entry
      14 ADTM      Audit Trail By Time

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit

```

Administration Tables Audit Trail By Entry Menu

```

Message Line ...
  ADEM                      *** M.E.D. SYSTEM ***          *DATE
  MEACEEM                   ADMINISTRATION AUDIT TRAIL BY ENTRY MENU    *TIME

      Id Tran      Description
      -----
      1 APPCE      Application/Contractor Center
      2 APOSE      Application Other Source
      3 CSLDE      Caseload
      4 LOCNE      Location
      5 MCUTE      Monthly Cutoff
      6 STDVE      Standard Value
      7 TCASE      Type Case
      8 TCAPE      Type Case Approval Code
      9 WRKRE      Worker
     10 HOLSE      Annual Holiday Schedule

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
    
```

Administration Tables Audit Trail By Time Menu

```

Message Line ...
  ADTM                      *** M.E.D. SYSTEM ***          *DATE
  MEACETM                   ADMINISTRATION AUDIT TRAIL BY TIME MENU    *TIME

      Id Tran      Description
      -----
      1 APPCT      Application/Contractor Center
      2 APOSE      Application Other Source
      3 CSLDT      Caseload
      4 LOCNT      Location
      5 MCUTT      Monthly Cutoff
      6 STDVT      Standard Value
      7 TCAST      Type Case
      8 TCAPT      Type Case Approval Code
      9 WRKRT      Worker
     10 HOLST      Annual Holiday Schedule

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
    
```

Budget Template Menu

```

Message Line ...
  BTM                      *** M.E.D. SYSTEM ***          *DATE
  MECBTM                   BUDGET TEMPLATE MENU           *TIME

      Id Tran      Description
      -----
      1  TMPL      Budget Template Maintenance
      2  VRSN      Budget Template Version Maintenance
      3  LINK      Template Version / Type Case Link
      4  SCTN      Budget Template Section Maintenance
      5  SLN       Budget Template Section Line Maintenance
      6  LINE      Budget Template Line Maintenance
      7  INSTR     Budget Template Line Instr Maintenance
      8  COPY      Budget Template Section Copy
      9  BTTSM     Budget Template Testing Facilities
     10  BTRM     Budget Template Reports

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit
    
```

Budget Template Testing Facilities Menu

```

Message Line ...
  BTSM                *** M.E.D. SYSTEM ***                *DATE
  MECBTM              BUDGET TEMPLATE TESTING FACILITIES      *TIME

      Id Tran      Description
      -----
      1 TT         Template Test
      2 BT         Budget Test

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit

```

Budget Template Reports Menu

```

Message Line ...
  BTRM                *** M.E.D. SYSTEM ***                *DATE
  MECBTRM             BUDGET TEMPLATE REPORTS                *TIME

      Id Tran      Description
      -----
      1 BTWIR      Worker Instructions
      2 BTBFR      Blank Forms

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit

```

Interfaces Subsystem Menu

```
Message Line ...
IFM                *** M.E.D. SYSTEM ***                *DATE
MECIFMM           INTERFACES SUBSYSTEM                 *TIME

      Id Tran      Description
      -----
      1 MAS        MAS Interface Subsystem
      2 MMIS       MMIS Interface Subsystem
      3 LAHIPP     LaHIPP Interface Subsystem

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
```

MAS Interface Subsystem Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
MAS		MAS INTERFACE SUBSYSTEM MENU	*TIME
MEIMASM			
Id Tran	Description		
-----	-----		
1 MASQ1	MAS Query by SSN		
2 MASQ2	MAS Query by Person Num, Case Num, CPTC		
Id/*Tran: _____ Act: _ Key: _____ Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12--- Help Main Retn Quit			

MMIS Interface Subsystem Menu

MMIS		*** M.E.D. SYSTEM ***	*DATE
MEIMMIM		MMIS INTERFACES SUBSYSTEM	*TIME
Id Tran	Description		
-----	-----		
1 MMISQ1	AU Member Eligibility Inquiry		
2 MMISQ2	Browse Eligibility Inquiry		
3 MMISSP	MMIS Extract Person Selection	(1)	
4 MMISSL	MMIS Extract Lock In Selection	(3)	
5 MMISSS	MMIS Extract Swipe Card Selection	(2)	
6 MMISSE	MMIS Extract Eligibility Selection	(4,6,7)	
7 MMISSC	MMIS Extract Case (Parish) Selection	(5)	
8 MMISSG	MMIS Extract Segment Selection	(7)	
9 MMISXS	MMIS Extract Person XRef Selection	(8)	
Id/*Tran: _____ Act: _ Key: _____ Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12--- Help Main Retn Quit			

LaHIPP Interface Subsystem Menu

LAHIPP	*** M.E.D. SYSTEM ***	07/25/05
MEILHPM	LaHIPP INTERFACES SUBSYSTEM	11:27:20
Id Tran	Description	
-----	-----	
1 LHIPPQ	LaHIPP Eligibility Referral Inq by Person	
2 LHIPPQ1	LaHIPP Eligibility Referral Inq by Case	
3 LCREL	LaHIPP Case Relationship Inquiry	
4 LCRAE	LaHIPP Case Relationship Audit by Entry	
5 LCRAT	LaHIPP Case Relationship Audit by Time	
Id/*Tran: _____ Act: _ Key: _____		
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---		
Help Main Retn Quit		

Run Control Subsystem Menu

```
Message Line ...
RNM                *** M.E.D. SYSTEM ***                *DATE
MEXRUNM           RUN CONTROL SUBSYSTEM                *TIME

      Id Tran      Description
-----
      1 RUN        Run Control Maintenance
      2 RUNE       Run Control Audit

      3 COLF       Cola Request Maintenance
      4 COLB       Cola Request Browse

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit
```

Security Subsystem Menu

Refer to Common Facilities document.

Automated Notices Subsystem

This function will call the Automated Notices Subsystem and open the main menu of this system.

Technical Note: The ANS main menu is called MSO2000 and is found in the following libraries:

Development library: MSTEST

UAT library: MSUAT

Production library: MSPROD

Batch Submission Subsystem Menu

Refer to Common Facilities document.

Budget Worksheet Menu

```
Message Line ...
  BWM                      *** M.E.D. SYSTEM ***          *DATE
  MECPBWM                   BUDGET WORKSHEET MENU          *TIME

      Id Tran      Description
      ----
      1 ELIG      Eligibility Determination Maintenance
      2 BDGT      Budget Worksheet Maintenance
      3 BMBR      Budget Member Maintenance
      4 BSEC      Budget Section Capture
      5 WRKRQ     Select Alternate Worker Assignment

      6 BCHK      Budget Checking
      7 BIM       Budget Inquiries
      8 BUDR      Budget Report

      9 PIES      Person Month Income/Expense Summary
     10 BQUESM   Budget Questions Menu

     11 BABEM    Budget Audit Trail by Entry Menu
     12 BABTM    Budget Audit Trail by Time Menu

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11--PF12---
      Help Main Retn Quit
```

Budget Inquiries Menu

Message Line ...		
BIM	*** M.E.D. SYSTEM ***	*DATE
MEBBIQM	BUDGET INQUIRIES MENU	*TIME
Id Tran	Description	
1	ELIGQC	Determinations by Case Inquiry
2	BUDQ	Budgets by Case Inquiry
3	BUDQI	Budgets in Progress Inquiry
4	BUDQC	Budgets to be Checked Inquiry
5	BUDSQ	Budget Section Inquiry
6	BUDSDQ	Spenddown Bills by Case Inquiry
Id/*Tran: _____ Act: _ Key: _____ Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12--- Help Main Retn Quit		

Budget Questions Menu

Message Line ...		
BQUESM	*** M.E.D. SYSTEM ***	03/22/04
MEBQUESM	BUDGET QUESTIONS MENU	07:27:26
Id Tran	Description	
1	BDAC	C-Related Budget Questions
2	BDAL	LTC/Waiver Budget Questions
3	BDAO	Other Budget Questions
Id/*Tran: _____ Act: _ Key: _____ Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12--- Help Main Retn Quit		

Budget Audit Trail by Entry Menu

```

BABEM          *** M.E.D. SYSTEM ***          *DATE
MEBABEM       BUDGET AUDIT TRAIL BY ENTRY MENU *TIME

      Id Tran      Description
      -----
      1 BDAE      Budget Questions Audit by Entry
      2 NBMRIE    Non Budget Member Income Audit by Entry
      3 PMIE      Person Monthly Income Audit by Entry
      4 PMEE      Person Monthly Expenses Audit by Entry

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Budget Audit Trail by Time Menu

```

BABTM          *** M.E.D. SYSTEM ***          *DATE
MEBABTM       BUDGET AUDIT TRAIL BY TIME MENU *TIME

      Id Tran      Description
      -----
      1 BDAT      Budget Questions Audit by Time
      2 NBMRIT    Non Budget Member Income Audit by Time
      3 PMIT      Person Monthly Income Audit by Time
      4 PMET      Person Monthly Expenses Audit by Time

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Certification Subsystem Menu

Message Line ...		
CSM	*** M.E.D. SYSTEM ***	*DATE
MECMANM	CERTIFICATION SUBSYSTEM MENU	*TIME
Id Tran	Description	
-----	-----	
1 CAM	Case Application Menu	
2 CAIM	Case Application Inquiry Menu	
3 CTM	Certification Menu	
4 CTIM	Certification Inquiry Menu	
5 PIM	Person Inquiry Menu	
6 CIM	Case Inquiry Menu	
7 RENM	Renewals Menu	
8 ANM	Auto Notice Menu	
Id/*Tran: _____ Act: _ Key: _____		
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---		
Help Main Retn Quit		

Case Application Menu

Message Line		
CAM	*** M.E.D. SYSTEM ***	*DATE
MECCAPM	CASE APPLICATION MENU	*TIME
Id Tran	Description	
-----	-----	
1 CASE	Case Maintenance	
2 APPL	Application Maintenance	
3 APTC	Application Type Case Maintenance	
4 CMEM	Case Member Maintenance	
5 PERS	Person Maintenance	
6 INCM	Person Gross Income Maintenance	
7 LOCK	Community Care/Provider Lock-in Maintenance	
8 SWIP	Swipe Card Request Maintenance	
9 CSLA	Caseload Reassignment - Active	
10 CSLP	Caseload Reassignment - Pending	
11 CSLE	Caseload Reassignment - Active/Pending	
12 CAEM	Audit Trail By Entry Menu	
13 CATM	Audit Trail By Time Menu	
14 CAUM	Audit Trail By User Menu	
Id/*Tran: _____ Act: _ Key: _____		
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---		
Help Main Retn Quit		

Case Application Audit Trail By Entry Menu

```

Message Line ...
CAEM                      *** M.E.D. SYSTEM ***          *DATE
MECAPEM                   CASE APPLICATION AUDIT TRAIL BY ENTRY MENU  *TIME

      Id Tran      Description
      -----
      1 CASEE      Case
      2 APPLE      Application
      3 APTCE      Application Type Case
      4 CMEME      Case Member
      5 PERSE      Person
      6 INCME      Person Gross Income
      7 LOCKE      Community Care/Provider Lock-In
      8 SWIPE      Swipe Card Request

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit
    
```

Case Application Audit Trail By Time Menu

```

Message Line ...
CATM                      *** M.E.D. SYSTEM ***          *DATE
MECAPTM                   CASE APPLICATION AUDIT TRAIL BY TIME MENU  *TIME

      Id Tran      Description
      -----
      1 CASET      Case
      2 APPLT      Application
      3 APTCT      Application Type Case
      4 CMEMT      Case Member
      5 PERST      Person
      6 INCMT      Person Gross Income
      7 LOCKT      Community Care/Provider Lock-In
      8 SWIPT      Swipe Card Request

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit
    
```

Case Application Audit Trail By User Menu

```
Message Line ...
CAUM          *** M.E.D. SYSTEM ***          *DATE
MECAPUM      CASE APPLICATION AUDIT TRAIL BY USER MENU *TIME

      Id Tran      Description
      -----
      1 CASEU      Case
      2 APPLU      Application
      3 APTCU      Application Type Case
      4 CMEMU      Case Member
      5 PERSU      Person

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit
```

Case Application Inquiry Menu

```

Message Line ...
CAIM                *** M.E.D. SYSTEM ***                *DATE
MECCAIM            CASE APPLICATION INQUIRY MENU          *TIME

      Id Tran      Description
      -----
      1 PNDA       Pending Applications By Worker
      2 PNDA2      Pending Applications > 45 Days By Location
      3 PNDATC     Pending Applications By Type Case
      4 ININQ      Person Gross Income Inquiry

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
    
```

Certification Menu

```

Message Line ...
CTM                *** M.E.D. SYSTEM ***                *DATE
MECCRIM           CERTIFICATION MENU                    *TIME

      Id Tran      Description
      -----
      1 ELIG       Eligibility Determination Maintenance
      2 CERT       Certification Maintenance
      3 SGMT       Segment Maintenance
      4 AUMEM      AU Member Maintenance
      5 ABSP       Absent Parent Maintenance
      6 LCASE      LASES Case Maintenance
      7 LCHLD      LASES Case Child Maintenance

      8 CEEM       Audit Trail by Entry Menu
      9 CETM       Audit Trail by Time Menu
     10 CEUM       Audit Trail by User Menu

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
    
```

Certification Audit Trail By Entry Menu

```

Message Line ...
CEEM                *** M.E.D. SYSTEM ***                *DATE
MECCCEEM           CERTIFICATION AUDIT TRAIL BY ENTRY MENU *TIME

      Id Tran      Description
      -----
      1 ELIGE      Eligibility Determination
      2 CERTE      Certification Period
      3 CPTCE      Cert Period Type Case
      4 SGMTE      Segment
      5 AUMEME      AU Member
      6 ABSPE      Absent Parent (MEDS)
      7 ABSPEL     Absent Parent (LASES)
      8 LCASEE     LASES Case
      9 LCHLDE     LASES Case Child
      10 HSPCE     Hospice Segment

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit

```

Certification Audit Trail By Time Menu

```

CETM                *** M.E.D. SYSTEM ***                *DATE
MECCETM           CERTIFICATION AUDIT TRAIL BY TIME MENU *TIME

      Id Tran      Description
      -----
      1 ELIGT      Eligibility Determination
      2 CERTT      Certification Period
      3 CPTCT      Cert Period Type Case
      4 SGMTT      Segment
      5 AUMEMT     AU Member
      6 ABSPT      Absent Parent (MEDS)
      7 ABSPTL     Absent Parent (LASES)
      8 LCASET     LASES Case
      9 LCHLDT     LASES Case Child
      10 HSPCT     Hospice Segment

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit

```

Certification Audit Trail By User Menu

```

CEUM          *** M.E.D. SYSTEM ***          *DATE
MECCEUM       CERTIFICATION AUDIT TRAIL BY USER MENU  *TIME

  Id Tran      Description
  -----
  1 ELIGU      Eligibility Determination
  2 CERTU      Certification Period
  3 SGM TU     Segment
  4 HSPCU      Hospice Segment
  5 AUMEMU     AU Member
  6 ABSPU      Absent Parent (MEDS)
  7 LCASEU     LASES Case
  8 LCHLDU     LASES Case Child

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit

```

Certification Inquiry Menu

```
Message Line ...
CTIM                *** M.E.D. SYSTEM ***                *DATE
MECCTIM             CERTIFICATION INQUIRY MENU           *TIME

      Id Tran      Description
-----
      1 SGINQ      Segment Inquiry by Case / Cert Period
      2 AUIHQ      AU Member Inquiry by Case / Cert Period
      3 ELIGQ      Outstanding Determinations by Caseload
      4 RNEWQ      Renewals by Parish / Caseload
      5 LCHLDQ     LASES Case Child Inquiry
      6 ABSPQ      Absent Parent Inquiry
      7 HSINQ      Hospice Segment Inquiry
      8 ASQ        Active Segment Inquiry by Provider / Case

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help Main Retn Quit
```

Person Inquiry Menu

```
Message Line ...
PIM                      *** M.E.D. SYSTEM ***          *DATE
MECPERM                  PERSON INQUIRY MENU              *TIME

      Id Tran      Description
-----
      1 PERQN      Person Inquiry by Name / Parish / Birth Date
      2 PERQS      Person Inquiry by SSN
      3 PERQM      Person Inquiry by Maiden Name
      4 PERQE      Person Inquiry by Secondary Name
      5 PERQL      Person Inquiry by LAMI PID
      6 PERQC      Person Inquiry by CCN

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit
```

Case Inquiry Menu

```

Message Line ...
CIM                *** M.E.D. SYSTEM ***                *DATE
MECCASM           CASE INQUIRY MENU                       *TIME

      Id Tran      Description
-----
      1 CASQP      Case Inquiry by Person Number
      2 CASQN      Case Inquiry by Person Name, Parish
      3 CASQS      Case Inquiry by SSN
      4 CASQT      Case Inquiry by Category, Type Case
      5 CSUM       Case Summary Inquiry

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Renewals Menu

```

Message Line -
RENМ              *** M.E.D. SYSTEM ***                03/22/04
MECRENM          RENEWALS MENU                          07:33:47

      Id Tran      Description
-----
      1 RNEWQ      Renewals by Caseload / Parish
      2 RENEWQ     Renewal Documentation by Caseload / Parish
      3 RENEW      Renewal Documentation Maintenance
      4 RMEM       Renewal Members
      5 RSRCE      Renewal Details by Source
      6 RMEMD      Renewal Details by Member

      7 REEM       Audit Trail by Entry Menu
      8 RETM       Audit Trail by Time Menu
      9 REUM       Audit Trail by User Menu

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Reference Table Subsystem Menu

```

Message Line
RTM          *** M.E.D. SYSTEM ***          *DATE
MECREFM     REFERENCE TABLE SUBSYSTEM     *TIME

      Id Tran      Description
-----
      1 RTM1      Reference Table Maintenance
      2 RTM2      Reference Table Audit Information
      3 RTM3      Reference Table Maintenance - More Tables

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
    
```

```

Message Line ...
RTM1          *** M.E.D. SYSTEM ***          *DATE
MECREFM1     REFERENCE TABLE SUBSYSTEM     *TIME

      Id Tran      Description
-----
      1 APPV      Approval Code Maintenance
      2 CTGY      Category Code Maintenance
      3 CLSR      Closure Code Maintenance
      4 INCTYP     Income Type Maintenance
      5 CLSRL     LAMI Closure Code Maintenance
      6 CLSRAL    LAMI AU Member Closure Code Maintenance
      7 STD TYP   Standard Type Maintenance
      8 REJT      Rejection Code Maintenance
      9 EXPTYP    Expense Type Maintenance
     10 CITY      Louisiana City Maintenance
     11 ZIP       Louisiana Zip Code Maintenance
     12 CHR D     Client Heard Type Maintenance
     13 BLVT      Budget Line Identifier Maintenance
     14 GCRC      Good Cause Reason Code Maintenance
     15 GCDC      Good Cause Determination Code Maintenance

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
    
```

Reference Table Audit Trail Menu

Message Line		
RTM2	*** M.E.D. SYSTEM ***	*Date
MECREFM2	REFERENCE TABLE SUBSYSTEM	*Time
Id Tran	Description	
1 RTEM	Audit Trail by Entry Menu	
2 RTTM	Audit Trail by Time Menu	
3 RTEM2	Audit Trail by Entry Menu 2	
4 RTTM2	Audit Trail by Time Menu 2	

Id/*Tran: _____ Act: _ Key: _____
 Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
 Help Main Retn Quit

Reference Table Audit Trail Menu

```
Message Line

RTM3                      *** M.E.D. SYSTEM ***          *Date
MECREFM3                  REFERENCE TABLE SUBSYSTEM      *Time

   Id Tran   Description
   -----
    1  HARD   Hardship Code Maintenance

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn
```

Reference Table Audit Trail By Entry Menu

```

Message Line ...
RTM          *** M.E.D. SYSTEM ***          *DATE
MECRTEM      REFERENCE TABLE AUDIT TRAIL BY ENTRY MENU  *TIME

      Id Tran      Description
      ---
      1 APPVE      Approval Code
      2 CTGYE      Category Code
      3 CLSRE      Closure Code
      4 INCTYPE     Income Type
      5 CLSRLE     LAMI Closure Code
      6 CLSRAL     LAMI AU Member Closure Code
      7 STDTYPE     Standard Type
      8 REJTE      Rejection Code
      9 EXPTYE     Expense Type
      10 CITYE     Louisiana City
      11 ZIPE      Louisiana Zip Code
      12 CHRDE     Client Heard Type
      14 GCRCE     Good Cause Reason Code
      15 GCDCE     Good Cause Determination Code

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
  
```

Reference Table Audit Trail By Time Menu

```

Message Line ...
RTM          *** M.E.D. SYSTEM ***          *DATE
MECRRTM      REFERENCE TABLE AUDIT TRAIL BY TIME MENU  *TIME

      Id Tran      Description
      ---
      1 APPVT      Approval Code
      2 CTGYT      Category Code
      3 CLSRT      Closure Code
      4 INCTYPT     Income Type
      5 CLSRLT     LAMI Closure Code
      6 CLSRALT     LAMI AU Member Closure Code
      7 STDTYPT     Standard Type
      8 REJTT      Rejection Code
      9 EXPTYPT     Expense Type
      10 CITYT     Louisiana City
      11 ZIPT      Louisiana Zip Code
      12 CHRDT     Client Heard Type
      13 BLVTT     Budget Line Identifier

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Retn Quit
  
```

Auto Notice Menu

```

Message Line ...

      ANM                      *** M.E.D. SYSTEM ***          02/29/08
      MEFANOM                   AUTO NOTICE MENU              12:46:17

      Id Tran      Description
      -----
      1 NSUM       Notice Summary by Caseload / Date Created
      2 ANIM       Auto Notice Inquiry Menu
      3 ANAEM      Auto Notice Audit by Entry Menu
      4 ANATM      Auto Notice Audit by Time Menu
      5 ANAUM      Auto Notice Audit by User Menu

      Id/*Tran: _____ Act: _ Key: _____
      Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
           Help Main Retn Quit
      Help Main Retn Quit
  
```

Auto Notice Inquiry Menu

```

Message Line ...

      ANIM                      *** M.E.D. SYSTEM ***          02/29/08
      MEFANOIM                   AUTO NOTICE INQUIRY MENU      12:48:28

      Id Tran      Description
      -----
      1 AUNEQ      AU Member Notice Event Inquiry
      2 NSCSQ      Notice Summary by Case
      3 NSCLQ      Notice Summary by Client
      4 NASQ       Notice Action Summary
      5 NOTQ       Auto Notices Created Browse
      6 NOTQ1      Auto Notices not Created Browse
      7 NOTQ2      Auto Notices not Extracted Browse
      8 NOTQ4      Auto Notices Case Browse

      Id/*Tran: _____ Act: _ Key: _____
      Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
           Help Main Retn Quit
      Help Main Retn Quit
  
```

Auto Notice Audit By Entry Menu

```

Message Line ...
ANAEM          *** M.E.D. SYSTEM ***          02/29/08
MEFANOEM       AUTO NOTICE AUDIT BY ENTRY MENU 12:52:08

      Id Tran   Description
      -----
      1 AUNEE   AU Member Notice Events by Entry
      2 NOTE    Notice Audit by Entry

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit

```

Auto Notice Audit By Time Menu

```

Message Line ...
ANATM          *** M.E.D. SYSTEM ***          02/29/08
MEFANOTM       AUTO NOTICE AUDIT BY TIME MENU 12:53:29

      Id Tran   Description
      -----
      1 AUNET   AU Member Notice Events by Time
      2 NOTT    Notice Audit by Time

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit

```

Auto Notice Audit By User Menu

```

Message Line ...
ANAUM          *** M.E.D. SYSTEM ***          02/29/08
MEFANOUM      AUTO NOTICE AUDIT BY USER MENU  12:54:15

      Id Tran      Description
-----
      1 AUNEU      AU Member Notice Events by User
      2 NOTU       Notice Audit by User

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Main  Retn  Quit

```

Third Party Liability System

This function will call the Third Party Liability (TPL) system and open the main menu of this system.

Technical Note: The TPL main menu is called TPLMANM and found in the following libraries:

Development library: TPTST

UAT library: TPUSER

Production library: TPPROD

Workflow Subsystem Menu

Refer to Common Facilities document.

Active Help

“Active” help (or “Valid Values” help) routines will be available for all business objects defined in the MEDS system. These help routines are typically pop-up windows which display all possible (or “active”) values in key sequence. The user has the option of restarting the browse at a specific value, scrolling forward through the list, selecting a value, or returning to the calling screen without making a selection.

Active help on business objects is provided from screens where one business object is required to be linked to another business object. For example: Closure Codes will be maintained in the MEDS system with its own maintenance function. When AU Members are closed in MEDS, a Closure Code is required. AU Member maintenance will therefore provide Closure Code active help to assist the user in selection of the correct Closure Code.

Hierarchical Help

“Hierarchical” help (or “Complex” help) is required on all business objects where the display of the key value in sequence doesn’t make sense outside of the context of business object hierarchy. For example: The key of an AU Member is a sequence number within a Certification Period. The key value of a Certification Period is considered to be a hierarchical component of the AU Member key. While viewing AU Members in sequence number order doesn’t make sense, viewing all AU Members in sequence number order within a MEDS Certification Period Number does. The scope of the AU Member display is narrowed to the point where making a selection is possible.

“Hierarchical” helps provide all of the functionality of any normal “active” help, with the following additions:

- The calling window is required to validate that all hierarchical components are present and valid prior to displaying the hierarchical help.
- The objects displayed are limited to only those records whose hierarchical components match the calling window. Hierarchical components may not be changed on the help screen.

Audit Trails - Log file browses

A log file will be kept for each active file on the system. A log file contains all of the fields on the active file including the footprint information. It represents the history of all changes that were made to the records on the active file.

A log file browse will be created for each log file. This will enable the user to view the history of any of the active files. The log file browse will consist of a multi-panel browse that will display all of the fields on the log file. There will be 2 browses for each log file - a browse by prime key and a browse by date/time entry.

All of the files in the MED system will have log files with the exception of the Budget Worksheet files and the Budget Template files. These files will not have log files because we do not need to record all changes to a budget while it is in progress. A worker may need to make many changes before a budget is finalized. When a budget has been finalized it can no longer be changed i.e. it is frozen so there is no need to create a history file as changes are not allowed. The same principle applies to the Budget Templates.

Common Routines

Refer to Common Modules document.

Appendix A - Logical Files

Refer to Database Design document.

Appendix B - Assumptions

This section details assumptions that have been made in the process of designing the MEDS business object model and in anticipation of the External Design and Development phases. These assumptions were developed jointly between SPL WorldGroup and DSS IT staff. Every attempt was made to be consistent with the Contract and Statements of Work. Should there be any contradictions between these assumptions and the Contract / Statements of Work, the Contract / Statements of Work will take precedence.

Reference Tables

- There are some reference tables that do not change frequently, e.g. State table. These reference tables could be loaded and maintained by the *application development* staff. No user interface would be built to maintain these tables.
- Some reference tables do require maintenance and therefore a user interface will be required to allow the users to maintain these tables. This will be defined on a case by case basis.

Database Definition and Administration

SPL WorldGroup will be responsible for defining the database files in Predict using conceptual files. DSS will be responsible for the actual creation of the database files in the development, test and production environments.

- The expected turnaround time for database changes is approximately 1 day unless the changes required are substantial.
- DSS will supply SPL WorldGroup with the appropriate forms that need to accompany database changes.
- DSS will be responsible for the tuning of the database and SPL WorldGroup will perform program related tuning where necessary. Tuning of the application as a whole will be a co-operative activity.

Documentation

Online Help Text

- SPL WorldGroup will provide the structure for on-line help.
- DHH will be responsible for entering the help text and for maintaining it.

User Manual

DHH will be responsible for producing the User Manual available for the 'Train the Trainer' sessions.

User Acceptance Test Plan

- DHH will be responsible for producing the User Acceptance Test Plan in advance of the User Acceptance Testing Phase.
- SPL WorldGroup will support the User Acceptance Testing Phase.

Technical documentation

SPL WorldGroup will supply no additional technical documentation besides the external specification, internal specifications and Predict field definitions.

Technical Architecture

- SPL WorldGroup will design the MEDS system using 3-tier architecture where appropriate. Keeping the tiers separate will allow code re-use and the flexibility to easily change platforms. SPL WorldGroup will adhere to this approach as far as possible.
- The MEDS system will be built using Natural and Adabas. The Natural Construct object models will be used where possible. Some limited customization of the Construct object models will be required. All changes will be documented.

Scope Limitation

It is the responsibility of both SPL WorldGroup and DHH to jointly manage the scope. Specifically, opportunities to defer functionality to later phases should be identified.

Implementation

Promotion to Production

DSS will be responsible for promotion of programs and other Natural modules and database definitions to production.

Software licenses and upgrades

- DHH will be responsible for obtaining licenses and upgrades for all software used in the development of the system and for all maintenance costs associated with said software.
- All licenses will be the property of DHH.

Methodology

The SPL Worldgroup Methodology **LEVEREDGE™** will be used. This comprises the Application Development Methodology and the Project Management Methodology.

The process to date has followed **LEVEREDGE™** principles. This methodology, which encompasses object-oriented (OO) techniques and multi-tier logical design, is centered around user participation in joint application design (JAD) sessions.

The **LEVEREDGE™** Application Development Methodology is based on three major phases:

- Application Blueprint (completed January 1998)
- External Design - this document (explores objects, their attributes and responsibilities in detail, user interfaces, processes defined, etc.)
- Development (includes Internal Design, programming and testing)

Environment

There will be 4 environments - Development, Test, Conversion and Production. Both data and program libraries will be provided in each environment. The Natural / Adabas run parameters should be consistent across all the environments.

SPL WorldGroup will attempt to ensure that all batch processes will finish within the batch window, but the system will be designed to allow batch processes to run concurrently with online processes.

Machine availability during development

- Access to the mainframe (including the gateway) is required for 24 hours a day, 7 days a week.
- DSS will send a notice 24 hours before any unscheduled down time (if possible).

Response time for the delivered MEDS application

- A reasonable response time is sub-second thru 5 seconds.
- Response times may be governed by external factors (e.g. CICS) and these factors must also be taken into account when evaluating acceptable response times.
- Response times should be similar to comparable DSS systems.
- It will be a joint responsibility to address unreasonable response time issues.

Modeling Tool

- SPL WorldGroup will use the Erwin modeling tool.

Location of Development

- Development will be done at the SPL WorldGroup Development Centers that include centers in Chicago, Israel, South Africa and Manila.
- A desk, workstation and phone will be required at DSS for 1 SPL WorldGroup person during the user acceptance test and warranty support period.

Hardware

- SPL WorldGroup is responsible for supplying all workstations used by developers.
- SPL WorldGroup is responsible for setting up the Advantis connection.
- DSS is responsible for ensuring that their gateway will handle the volumes.
- DHH is responsible for all workstations used by end-users.
- DHH is responsible for providing all other hardware (printers, modems, LANs, etc.) for end users.
- DHH is responsible for providing SPL WorldGroup access to a laser printer on site in Baton Rouge during the development phase.

Client Participation

- SPL WorldGroup will staff the design and development teams.
- DHH staff will be included in the testing teams to facilitate the knowledge and skills transfer of the system.

Backup and Recovery

- DHH will be responsible for the backup of all databases (both data and program libraries) on a daily basis.

User interface

The user interface will be designed for a standard mainframe "green" screen.

Conversion

- SPL WorldGroup will be responsible for the design of the programs for the conversion of data and the coding and testing of the conversion programs.
- DHH will be responsible for data cleansing. This will include the clean up of invalid codes.
- SPL WorldGroup will not be responsible for the design or construction of data conversions in other systems.

Archiving

SPL will not develop archiving procedures, in this phase.

Security

- All environmental security requirements will be the responsibility of DHH. This includes Database, Operating system and Environmental security.
- SPL WorldGroup will implement application specific security.
- DHH will provide SPL WorldGroup staff with all the security access required with regard to access to buildings, systems etc. SPL WorldGroup will supply DHH with a list of the SPL WorldGroup staff who require security access.

Training

User training is included as part of the estimate. This training will take the form of 'Train the Trainer' sessions as defined in the Statement of Work. The User documentation developed by DHH will be used in the training sessions.

Dependent Systems/Projects

SPL WorldGroup will need to be made aware of all requirements and changes to other systems which may affect or influence MEDS.

This includes all interfaces especially L'AMI, MMIS, TPL.

Also, changes made to L'AMI for the new medical category, and the swipe card change in MMIS need to be communicated to the MEDS team if the changes will in any way affect the design of the MEDS system.