Integrated Billing
eIV Phase 3 Iteration 1
Release Notes and Installation Guide

IB*2*416
September 2010

Department of Veterans Affairs
Veterans Health Administration

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1 INTRODUCTION

This patch contains electronic insurance verification (eIV) enhancements which are designed to improve the efficiency of the patient insurance verification process while reducing the workload of the insurance clerks. This is accomplished by direct, automatic updates to patient insurance information (bypassing the insurance buffer), by enhanced eIV reporting capabilities and enhanced user interface, and by including Medicare in the insurance verification process. In addition, VistA will now be able to receive, store, and display more eligibility and benefit information received from insurance companies.

Electronic insurance data is sent by payers and received by Austin FSC in an ANSI ASC X12.282 - Eligibility, Coverage, or Benefit Information (271) transaction set. This 271 data is converted to HL7 messages by Austin FSC and sent into VistA. When the 271 insurance data meets the requirements for the automatic updating of the patient's insurance, the insurance will be updated by the system when the HL7 transmission is received. This will eliminate the need for the insurance clerk to manually process this information. The time lag between the receipt of the transmission and the manual processing of the data will be eliminated. This functionality, plus the addition of Medicare to the eIV process, should significantly improve the quality and timeliness of the insurance data that is used to create claims for healthcare services provided to Veterans.

2 OVERVIEW

2.1 Patch IB*2*416 includes the following modifications

2.1.1 The eIV site parameters have been simplified
The eIV site parameters as found in the option 'MCCR Site Parameter Display/Edit' [IBJ MCCR SITE PARAMETERS] have been simplified. The buffer and appointment data extracts are no longer editable and the "No Insurance" data extract has been removed from service.

2.1.2 Incoming 271 insurance coverage/eligibility/benefit data may now bypass the insurance buffer
Incoming 271 insurance coverage/eligibility/benefit data may now bypass the insurance buffer and be filed directly to the patient insurance file if certain conditions are met.

2.1.3 Insurance Identification inquiries have been removed from service
Insurance Identification inquiries have been removed from service. All of the electronic insurance transactions will now be insurance verification transactions. As a result, references to "IIV" have been changed to be "eIV" instead.

2.1.4 Patient IDs and subscriber IDs will have all punctuation removed

Patient IDs and subscriber IDs will have all punctuation removed and will be converted into uppercase upon leaving VistA in the outbound HL7 insurance verification request messages. When the patient is the subscriber, the subscriber ID will be transmitted in the HL7 IN1 segment and no HL7 GT1 segment will be sent. When the patient is not the subscriber, the patient ID will be transmitted in the HL7 IN1 segment and the subscriber ID will be transmitted in the HL7 GT1 segment.

2.2 Patch IB*2*416 includes the following New Service Requests (NSRs)

2.2.1 20070582 - eIV Phase 3 Iteration 1

Enables the business process to better align with the HIPAA electronic requirement, as well as the following: develop the ability of eIV transactions to bypass the buffer file and auto-update the insurance file, controllable by payer; push verified data returned by payers to all medical centers with record of patient; modify remote query to only return data on active coverage; modify eIV cache to function as the basis of a national insurance file. The request will meet the non-discretionary mandate that VHA implement the full HIPAA 270/271 transaction for Electronic Transactions under HIPAA.

Source: http://vista.med.va.gov/nsrd   Request ID# 20070582

2.3 Patch IB*2*416 addresses the following Remedy Tickets

HD287430   IBCNEKIT appears to violate SACC standards
HD063913   UNY-0504-10264 Error <UNDEF(ECODE)>DATA+10^IBCNERP3

2.3.1 Overview of Remedy Tickets

2.3.1.1 HD287430   IBCNEKIT appears to violate SACC standards

Problem
Routine IBCNEKIT calls vendor specific functions to enable and disable journaling during the eIV purge process. It also sets its own error trap so that journaling may be re-enabled in case it crashes. Differences between production systems and shadows may require database copies to re-sync the pairs.

Resolution
Remove all calls to disable journaling, local error trapping, and related code from routine IBCNEKIT.

2.3.1.2 HD063913 UNY-0504-10264 Error <UNDEF(ECODE)>DATA+10^IBCNERP3

Problem
Original IIV software used a utility called %XY^%RCR to merge global array data to/from local array data. There is a bug in this %XY^%RCR utility when two or more of the array subscripts contain a comma, which can produce an error detect in some IIV report software.

Resolution
Remove all references to the %XY^%RCR utility and replace with the standard MERGE command.

2.4   Documentation Retrieval

Sites may retrieve documentation in one of the following ways:

1. The preferred method is to FTP the files from download.vista.med.va.gov, which will transmit the files from the first available FTP server.

2. Sites may also elect to retrieve documentation directly from a specific server as follows:

Albany	ftp.fo-albany.med.va.gov
Hines	ftp.fo-hines.med.va.gov
Salt Lake City	ftp.fo-slc.med.va.gov

3. Documentation can also be retrieved from the VistA Documentation Library (VDL) on the Internet at the following address, http://www.va.gov/vdl.

The documentation distribution includes:

FILE NAME	DESCRIPTION
IB_2_P416_UM.PDF	User Guide

2.5   Test Sites
Cleveland
Tennessee Valley
Wilmington
Marion (VISN 15)
Tampa

3 INSTALLATION

3.1 Prerequisites

The following patches must be installed before IB*2*416
        IB*2*284
        IB*2*316
        IB*2*377
        IB*2*399
        IB*2*400
        IB*2*411
        IB*2*413

3.2 Pre/Post Installation Overview

The Post-Install routine is automatically deleted after this patch is installed.

The Post-Install routine re-sets all of the eIV parameter values to the new default settings, re-names some system entities to be "eIV" instead of "IIV", activates and links the MEDICARE WNR payer with the MEDICARE (WNR) insurance company.

3.3 Installation Instructions

It is recommended that this patch be installed outside of normal working hours when no Integrated Billing users are on the system. However, if installed during the normal workday, it is recommended that the following selections in the OPTION (#19) file, and all of their descendants be disabled to prevent possible conflicts while running the KIDS Install. Other VISTA users will not be affected.

    Enter/Edit Billing Information   [IB EDIT BILLING INFO]
    MCCR Site Parameter Display/Edit   [IBJ MCCR SITE PARAMETERS]
    Insurance Company Entry/Edit   [IBCN INSURANCE CO EDIT]
    Process Insurance Buffer   [IBCN INSURANCE BUFFER PROCESS]

**** Do not install this patch when the [IBCNE IIV BATCH PROCESS] nightly eIV background job is running or scheduled to run. ****

Install Time - less than 5 minutes

1. LOAD TRANSPORT GLOBAL

Choose the PackMan message containing this patch and invoke the INSTALL/CHECK MESSAGE PackMan option.

2. START UP KIDS
Start up the Kernel Installation and Distribution System Menu [XPD MAIN]:

    Edits and Distribution ...
    Utilities ...
    Installation ...

Select Kernel Installation & Distribution System Option: Installation

    Load a Distribution
    Print Transport Global
    Compare Transport Global to Current System
    Verify Checksums in Transport Global
    Install Package(s)
    Restart Install of Package(s)
    Unload a Distribution
    Backup a Transport Global

Select Installation Option:

3. Select Installation Option
NOTE: The following are OPTIONAL - (When prompted for the INSTALL NAME, enter IB*2.0*416):

a. Backup a Transport Global - This option will create a backup message of any routines exported with this patch. It will not backup any other changes such as DD's or templates.

b. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when this patch is installed. It compares all components of this patch (routines, DD's, templates, etc.).

c. Verify Checksums in Transport Global - This option will allow you to ensure the integrity of the routines that are in the transport global.

4. Select Installation Option: Install Package(s)
 **This is the step to start the installation of this KIDS patch:

a. Choose the Install Package(s) option to start the patch install.

b. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//' Answer YES, unless your system does this in a nightly TaskMan process.

c. When prompted 'Want KIDS to INHIBIT LOGONs during the install? NO//' answer NO

d. When prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//' answer YES if installing during working hours.

e. When prompted 'Enter options you wish to mark as 'Out Of Order':' Enter the following options:

Enter/Edit Billing Information   [IB EDIT BILLING INFO]
MCCR Site Parameter Display/Edit [IBJ MCCR SITE PARAMETERS]
Insurance Company Entry/Edit   [IBCN INSURANCE CO EDIT]
Process Insurance Buffer   [IBCN INSURANCE BUFFER PROCESS]

f. When prompted 'Enter protocols you wish to mark as 'Out Of Order':' press <return>.

4 ENHANCEMENTS

4.1 Medicare (WNR) is now a valid insurance company
Medicare (WNR) is now a valid insurance company for the eIV process.

4.2 Much more of the 271 eligibility/benefit data will be stored
Much more of the 271 eligibility/benefit data will be stored in the eIV Response file (file# 365) and also in corresponding fields in the patient INSURANCE TYPE sub-file (sub-file# 2.312).

4.3 Additional eIV eligibility/benefit data will be displayed
Additional eIV eligibility/benefit data will be displayed in the Insurance Buffer, Patient Insurance, Claims Tracking, Third Party Joint Inquiry, and in the billing screens with the ?INX special help action.

4.4 The option 'Process Insurance Buffer' [IBCN INSURANCE BUFFER PROCESS] was enhanced
The option 'Process Insurance Buffer' [IBCN INSURANCE BUFFER PROCESS] was enhanced by the addition of several new insurance buffer data views for positive responses, negative responses, Medicare buffer entries, and future appointment buffer entries.

4.5 Enhancements were made to several eIV-related reports
Enhancements were made to several eIV-related reports and one new eIV report was added.

4.6 The process to link VistA insurance companies was enhanced

The process to link VistA insurance companies to VistA eIV payers in the option 'Link Insurance Companies to Payers' [IBCNE PAYER LINK] was enhanced to allow the user to link multiple insurance companies to a payer at one time.

5 TECHNICAL MODIFICATIONS

5.1 A. Files and Fields

5.1.1 Components Sent With Patch:

The following is a list of files included in this patch

FILE #	NAME	UP DATE DD	SEND SEC. CODE	DATA COMES W/FILE	SITE DATA	RSLV PTS
2	PATIENT	YES	YES	NO		
350.9	IB SITE PARAMETERS	YES	YES	NO		
355.33	INSURANCE BUFFER	YES	YES	NO		
365	IIV RESPONSE	YES	YES	NO		
365.011	X12 271 ELIGIBILITY/BENEFIT	YES	YES	YES	OVER	NO
365.013	X12 271 SERVICE TYPE	YES	YES	YES	OVER	NO
365.014	X12 271 INSURANCE TYPE	YES	YES	YES	OVER	NO
365.016	X12 271 QUANTITY QUALIFIER	YES	YES	YES	OVER	NO
365.022	X12 271 ENTITY ID CODE	YES	YES	YES	OVER	NO
365.023	X12 271 ID QUAL	YES	YES	YES	OVER	NO
365.024	X12 271 PROVIDER CODE	YES	YES	YES	OVER	NO
365.025	X12 271 DELIVERY FREQ CODE	YES	YES	YES	OVER	NO
365.026	X12 271 DATE QUALIFIER	YES	YES	YES	OVER	NO
365.028	X12 271 REF IDENTIFICATION	YES	YES	YES	OVER	NO
365.1	IIV TRANSMISSION QUEUE	YES	YES	NO		
365.12	PAYER	YES	YES	NO		
365.15	IIV STATUS TABLE	NO	YES	YES	OVER	YES

The following is a list of fields included in this patch

Field Name (Number)	File Name (Number)
DATE LAST EDITED (1.05)	INSURANCE TYPE (sub-file) (2.312)
EIV AUTO-UPDATE (4.04)	INSURANCE TYPE (sub-file) (2.312)
ALL SUBFIELDS	ELIGIBIL/BENEFIT (sub-file) (2.322)
DAILY MAILMAN MSG (51.02)	IB SITE PARAMETERS (350.9)
DAILY MSG TIME (51.03)	IB SITE PARAMETERS (350.9)

Field Name (Number)	File Name (Number)
MESSAGES MAILGROUP (51.04)	IB SITE PARAMETERS (350.9)
NUMBER RETRIES (51.06)	IB SITE PARAMETERS (350.9)
HL7 RESPONSE PROCESSING (51.13)	IB SITE PARAMETERS (350.9)
HL7 START TIME (51.14)	IB SITE PARAMETERS (350.9)
HL7 MAXIMUM NUMBER (51.15)	IB SITE PARAMETERS (350.9)
HL7 STOP TIME (51.19)	IB SITE PARAMETERS (350.9)
FAILURE MAILMAN MSG (51.2)	IB SITE PARAMETERS (350.9)
REGISTRATION COMPLETE (51.22)	IB SITE PARAMETERS (350.9)
MEDICARE PAYER (51.25)	IB SITE PARAMETERS (350.9)
ALL SUBFIELDS	BATCH EXTRACTS (sub-file) (350.9002)
SUBSCRIBER ADDRESS LINE 1 (62.02)	INSURANCE BUFFER (355.33)
SUBSCRIBER ADDRESS LINE 2 (62.03)	INSURANCE BUFFER (355.33)
SUBSCRIBER ADDRESS CITY (62.04)	INSURANCE BUFFER (355.33)
SUBSCRIBER ADDRESS STATE (62.05)	INSURANCE BUFFER (355.33)
SUBSCRIBER ADDRESS ZIP (62.06)	INSURANCE BUFFER (355.33)
PT RELATIONSHIP TO INSURED (1.09)	IIV RESPONSE (365)
SUBSCRIBER ADDRESS LINE 1 (5.01)	IIV RESPONSE (365)
SUBSCRIBER ADDRESS LINE 2 (5.02)	IIV RESPONSE (365)
SUBSCRIBER ADDRESS CITY (5.03)	IIV RESPONSE (365)
SUBSCRIBER ADDRESS STATE (5.04)	IIV RESPONSE (365)
SUBSCRIBER ADDRESS ZIP (5.05)	IIV RESPONSE (365)
ALL SUBFIELDS	ELIGIBLT/BENEFIT (sub-file) (365.02)
FULL DD BEING SENT	X12 271 ELIGIBILITY/BENEFIT (365.011)
FULL DD BEING SENT	X12 271 SERVICE TYPE (365.013)
FULL DD BEING SENT	X12 271 INSURANCE TYPE (365.014)
FULL DD BEING SENT	X12 271 QUANTITY QUALIFIER (365.016)
FULL DD BEING SENT	X12 271 ENTITY ID CODE (365.022)
FULL DD BEING SENT	X12 271 IDENT QUAL (365.023)
FULL DD BEING SENT	X12 271 PROVIDER CODE (365.024)
FULL DD BEING SENT	X12 271 DELIVERY FREQ CODE (365.025)
FULL DD BEING SENT	X12 271 DATE QUALIFIER (365.026)
FULL DD BEING SENT	X12 271 REF IDENTIFICATION (365.028)
WHICH EXTRACT (.1)	IIV TRANSMISSION QUEUE (365.1)
HL7 PATIENT ID FIELD (.19)	IIV TRANSMISSION QUEUE (365.1)
ALL SUBFIELDS	ACTIVE FLAG LOG (sub-file)(365.1212)
ALL SUBFIELDS	TRUSTED FLAG LOG(sub-file)(365.1213)

The following is a list of templates included in this patch

Template Name	Type	File Name (Number)
IBCNE GENERAL PARAMETER EDIT	INPUT	IB SITE PARAMETERS (350.9)

The following is a list of protocols included in this patch

Protocol	Action
IBCNB ENTRY EDIT ALL	SEND TO SITE
IBCNB ENTRY EDIT GROUP	SEND TO SITE
IBCNB ENTRY EDIT INSURANCE	SEND TO SITE
IBCNB ENTRY EDIT POLICY	SEND TO SITE
IBCNB ENTRY RESPONSE REPORT	SEND TO SITE
IBCNB ENTRY SCREEN MENU	SEND TO SITE
IBCNB ENTRY VERIFY	SEND TO SITE
IBCNB EXPAND BENEFITS	SEND TO SITE
IBCNB FAST EXIT	SEND TO SITE
IBCNB LIST ADD	SEND TO SITE
IBCNB LIST APPOINTMENTS VIEW	SEND TO SITE
IBCNB LIST CHECK NAMES	SEND TO SITE
IBCNB LIST ENTRY SCREEN	SEND TO SITE
IBCNB LIST MEDICARE VIEW	SEND TO SITE
IBCNB LIST NEGATIVE VIEW	SEND TO SITE
IBCNB LIST POSITIVE VIEW	SEND TO SITE
IBCNB LIST PROCESS SCREEN	SEND TO SITE
IBCNB LIST REJECT	SEND TO SITE
IBCNB LIST SCREEN MENU	SEND TO SITE
IBCNB LIST SORT	SEND TO SITE
IBCNB PROCESS ACCEPT	SEND TO SITE
IBCNB PROCESS COMPARE/EDIT	SEND TO SITE
IBCNB PROCESS ENTRY SCREEN	SEND TO SITE
IBCNB PROCESS REJECT	SEND TO SITE
IBCNB PROCESS SCREEN MENU	SEND TO SITE
IBCNB PROCESS TOGGLE	SEND TO SITE
IBCNE AB VIEW EXP ELIG BEN SCREEN	SEND TO SITE
IBCNE ELIG BEN INFO MENU	SEND TO SITE
IBCNE FAST EXIT	SEND TO SITE
IBCNE JT COVERAGE LIMIT DATE RANGE	SEND TO SITE
IBCNE JT VIEW EXP ELIG BEN SCREEN	SEND TO SITE
IBCNE PAYER EXIT	SEND TO SITE
IBCNE PAYER EXPAND	SEND TO SITE

Protocol	Action
IBCNE PAYER EXPAND MENU	SEND TO SITE
IBCNE PAYER LINK	SEND TO SITE
IBCNE PAYER MAINT MENU	SEND TO SITE
IBCNE SJ COVERAGE LIMIT DATE RANGE	SEND TO SITE
IBCNE SP COVERAGE LIMIT DATE RANGE	SEND TO SITE
IBCNE SV VIEW EXP ELIG BEN SCREEN	SEND TO SITE
IBCNE VP VIEW EXP ELIG BEN SCREEN	SEND TO SITE
IBCNS EXIT	SEND TO SITE
IBCNS QUIT	SEND TO SITE
IBCNSA AN BEN CH YR	SEND TO SITE
IBCNSA AN BEN ED ALL	SEND TO SITE
IBCNSA AN BEN HOME HEA	SEND TO SITE
IBCNSA AN BEN HOSPC	SEND TO SITE
IBCNSA AN BEN INPT	SEND TO SITE
IBCNSA AN BEN IV MGMT	SEND TO SITE
IBCNSA AN BEN MEN H	SEND TO SITE
IBCNSA AN BEN OPT	SEND TO SITE
IBCNSA AN BEN POL INF	SEND TO SITE
IBCNSA AN BEN REHAB	SEND TO SITE
IBCNSA ANNUAL BENEFITS	SEND TO SITE
IBCNSC PLAN DETAIL	SEND TO SITE
IBCNSJ CHANGE PLAN	SEND TO SITE
IBCNSJ EDIT COVERAGE LIMITS	SEND TO SITE
IBCNSJ EDIT PLAN INFO	SEND TO SITE
IBCNSJ INACTIVATE PLAN	SEND TO SITE
IBCNSJ INS CO EDIT COVERAGE LIMITS	SEND TO SITE
IBCNSJ INS CO INACTIVATE PLAN	SEND TO SITE
IBCNSJ PLAN COMMENT	SEND TO SITE
IBCNSJ PLAN UR INFO	SEND TO SITE
IBCNSJ SWITCH PLANS	SEND TO SITE
IBCNSJ UPDATE ANNUAL BENEFITS	SEND TO SITE
IBCNSM ADD POLICY	SEND TO SITE
IBCNSM BENEFITS USED	SEND TO SITE
IBCNSM CHANGE PATIENT	SEND TO SITE
IBCNSM DELETE POLICY	SEND TO SITE
IBCNSM EDIT ALL	SEND TO SITE
IBCNSM PATIENT INSURANCE	SEND TO SITE
IBCNSM PERSONAL RIDERS	SEND TO SITE
IBCNSM PRINT PATIENT INS	SEND TO SITE
IBCNSM PRINT WORKSHEET	SEND TO SITE

Protocol	Action
IBCNSM UPDATE ANNUAL BENEFITS	SEND TO SITE
IBCNSM VERIFY INS	SEND TO SITE
IBCNSM VIEW PAT POLICY	SEND TO SITE
IBCNSP ADD COMMENT	SEND TO SITE
IBCNSP ANNUAL BENEFITS	SEND TO SITE
IBCNSP BENEFITS USED	SEND TO SITE
IBCNSP EDIT ALL	SEND TO SITE
IBCNSP EDIT EFFECTIVE DATES	SEND TO SITE
IBCNSP EDIT POLICY INFO	SEND TO SITE
IBCNSP EMPLOYER INFO FOR CLAIMS	SEND TO SITE
IBCNSP INSURANCE CONTACT INF	SEND TO SITE
IBCNSP POLICY MENU	SEND TO SITE
IBCNSP SUBSCRIBER UPDATE	SEND TO SITE
IBCNSP UR INFO	SEND TO SITE
IBCNSP VERIFY COVERAGE	SEND TO SITE
IBCNSV ANNUAL BENEFITS	SEND TO SITE
IBCNSV PATIENT INSURANCE	SEND TO SITE
IBCNSV POLICY MENU	SEND TO SITE
IBCNSV VIEW AN BEN	SEND TO SITE
IBCNSV VIEW BEN USED	SEND TO SITE
IBCNSV VIEW EXP POL	SEND TO SITE
IBJ EXIT	SEND TO SITE
IBJP IIV BATCH EXTRACT EDIT	SEND TO SITE
IBJP IIV GENERAL EDIT	SEND TO SITE
IBJP INS VER MENU	SEND TO SITE
IBJP INS VER SCREEN	SEND TO SITE
IBJT ACTIVE LIST SCREEN SKIP	SEND TO SITE
IBJT AR ACCOUNT PROFILE SCREEN	SEND TO SITE
IBJT AR COMMENT HISTORY SCREEN	SEND TO SITE
IBJT BILL CHARGES SCREEN	SEND TO SITE
IBJT BILL DX SCREEN	SEND TO SITE
IBJT BILL PROCEDURES SCREEN	SEND TO SITE
IBJT CHANGE BILL	SEND TO SITE
IBJT CLAIM SCREEN MENU	SEND TO SITE
IBJT CLAIM SCREEN SKIP	SEND TO SITE
IBJT CT/IR COMMUNICATIONS LIST SCREEN	SEND TO SITE
IBJT EDI STATUS SCREEN	SEND TO SITE
IBJT HS HEALTH SUMMARY	SEND TO SITE
IBJT NS VIEW AN BEN MENU	SEND TO SITE
IBJT NS VIEW AN BEN REDISPLAY	SEND TO SITE

Protocol	Action
IBJT NS VIEW AN BEN SCREEN	SEND TO SITE
IBJT NS VIEW EXP POL MENU	SEND TO SITE
IBJT NS VIEW EXP POL REDISPLAY	SEND TO SITE
IBJT NS VIEW EXP POL SCREEN	SEND TO SITE
IBJT NS VIEW INS CO SCREEN	SEND TO SITE
IBJT PT ELIGIBILITY SCREEN	SEND TO SITE
VALM BLANK 1	SEND TO SITE
VALM PRINT LIST	SEND TO SITE

The following is a list of List Templates included in this patch

List Template	Action
IBCNB INSURANCE BUFFER LIST	SEND TO SITE
IBCNE ELIGIBILITY/BENEFIT INFO	SEND TO SITE
IBCNE REQUEST INS INQUIRY LIST	SEND TO SITE
IBCNS EXPANDED POLICY	SEND TO SITE
IBCNS INS CO PLAN DETAIL	SEND TO SITE
IBJP IIV SITE PARAMETERS	SEND TO SITE
IBJT CLAIM INFO	SEND TO SITE

The following is a list of Options included in this patch

Option	Type
IBCNE AUTO MATCH BUFFER	SEND TO SITE
IBCNE AUTO MATCH ENTER/EDIT	SEND TO SITE
IBCNE EIV UPDATE REPORT	SEND TO SITE
IBCNE IIV AMBIGUOUS POLICY RPT	SEND TO SITE
IBCNE IIV BATCH PROCESS	SEND TO SITE
IBCNE IIV INACTIVE POLICY RPT	SEND TO SITE
IBCNE IIV MENU	SEND TO SITE
IBCNE IIV PAYER LINK REPORT	SEND TO SITE
IBCNE IIV PAYER REPORT	SEND TO SITE
IBCNE IIV RESPONSE REPORT	SEND TO SITE
IBCNE IIV STATISTICAL REPORT	SEND TO SITE
IBCNE POTENTIAL NEW INS FOUND	SEND TO SITE
IBCNE PURGE IIV DATA	SEND TO SITE
IBCNE REQUEST INQUIRY	SEND TO SITE

Routine Information:

The second line of each of these routines now looks like:
 ;;2.0;INTEGRATED BILLING;**[Patch List]**;21-MAR-94;Build 58

The checksums below are new checksums, and can be checked with
CHECK1^XTSUMBLD.

Routine	Checksum Before	Checksum After	Patch List
IBCNBAA	B59752666	B67963575	**82,184,246,416**
IBCNBAR	B41255372	B44012684	**82,240,345,413,416**
IBCNBCD	B35866486	B84472806	**82,251,361,371,416**
IBCNBEE	B44866934	B45989984	**82,184,252,251,356,361,371,377,416**
IBCNBLA	B65200465	B65832730	**82,149,153,184,271,416**
IBCNBLA1	B76644494	B77705604	**82,133,149,184,252,271,416**
IBCNBLB	n/a	B1130107	**416**
IBCNBLE	B69021746	B77550797	**82,231,184,251,371,416**
IBCNBLE1	B27903709	B27906815	**184,271,416**
IBCNBLL	B58797432	B90593913	**82,149,153,183,184,271,345,416**
IBCNBMI	B80184806	B85358524	**82,184,246,251,299,345,361,371,413,416**
IBCNEBF	B29002877	B36248866	**184,271,361,371,416**
IBCNEDE	B21001833	B20320433	**184,271,300,416**
IBCNEDE1	B33576444	B37016330	**184,271,416**
IBCNEDE2	B63218575	B58601408	**184,271,249,345,416**
IBCNEDE3	B51661172	B57677467	**184,271,416**
IBCNEDE4	B79553596	B81971988	**184,271,416**
IBCNEDE5	B30882453	B26929333	**184,271,416**
IBCNEDE6	B30305878	B32927570	**184,271,345,416**
IBCNEDE7	B21406402	B24335491	**271,416**
IBCNEDEP	B95024002	B83667847	**184,271,300,416**
IBCNEDEQ	B27345351	B27902088	**184,271,300,416**
IBCNEHL1	B32996551	B225142720	**300,345,416**
IBCNEHL2	B48625538	B53025337	**300,345,416**
IBCNEHL3	B72666983	B72667613	**300,416**
IBCNEHL4	B25894966	B96805218	**300,416**
IBCNEHLI	B8071384	B8196060	**184,252,251,271,300,416**
IBCNEHLM	B21111301	B21127175	**184,251,300,416**
IBCNEHLQ	B42736526	B38577924	**184,271,300,361,416**
IBCNEHLT	B69606344	B77352947	**184,251,271,300,416**
IBCNEHLU	B16427486	B30725766	**184,300,416**
IBCNEKI2	B9265324	B9273638	**271,316,416**
IBCNEKIT	B77702012	B54158297	**184,271,316,416**
IBCNEPM1	B17662698	B31433472	**184,416**
IBCNEPY	B21965484	B17186468	**184,416**

IBCNEQU	B85417611	B82573317	**184,271,416**
IBCNERP0	B5712540	B5707694	**184,271,416**
IBCNERP1	B76118662	B79692188	**184,271,416**
IBCNERP2	B33851537	B30801647	**184,271,416**
IBCNERP3	B33550221	B28161597	**184,271,416**
IBCNERP4	B61874953	B61656289	**184,271,300,416**
IBCNERP5	B48772624	B43579817	**184,271,300,416**
IBCNERP6	B76775707	B74223457	**184,271,416**
IBCNERP7	B26918279	B26715367	**184,416**
IBCNERP8	B55076349	B66453982	**184,271,345,416**
IBCNERP9	B85343498	B102330381	**184,271,416**
IBCNERPA	B29790461	B6564371	**184,271,345,416**
IBCNERPB	B47281674	B47288196	**184,252,271,416**
IBCNERPC	B46100582	B46095484	**184,252,271,416**
IBCNERPD	B45776123	B44163811	**184,252,416**
IBCNERPE	B68650966	B36361133	**271,300,416**
IBCNERPF	n/a	B16361185	**416**
IBCNERPG	n/a	B15534927	**416**
IBCNERPH	n/a	B19008482	**416**
IBCNES	n/a	B24997316	**416**
IBCNES1	n/a	B103884237	**416**
IBCNES2	n/a	B9476079	**416**
IBCNEUT2	B2641881	B2594683	**184,416**
IBCNEUT3	B58297927	B56842259	**184,252,271,416**
IBCNEUT4	B50608524	B50167663	**184,271,345,416**
IBCNEUT5	B60224642	B57334702	**184,284,271,416**
IBCNEUT8	B7469707	B5629329	**184,416**
IBCNICB	B105382395	B106011881	**413,416**
IBCNS3	B55507373	B62573337	**287,399,416**
IBCNSC01	B55064562	B53646224	**52,137,191,184,232,320,349,371,399,416**
IBCNSC4	B17390042	B17661433	**43,85,103,251,416**
IBCNSC41	B8406316	B9252371	**43,416**
IBCNSP	B42668156	B42954824	**6,28,43,52,85,251,363,371,416**
IBCNSP01	B32701738	B33683555	**43,52,85,251,371,377,416**
IBCNSU1	B18337578	B18872542	**103,133,244,371,416**
IBJPI	B59509234	B20701382	**184,271,316,416**
IBJPI2	B18769415	B5452535	**184,271,316,416**
IBJPM	B11055331	B10531686	**39,137,184,271,316,416**
IBY416PO	n/a	B137314065	**416**

Routine list of preceding patches: 316, 377, 399, 413