**TAS eBill SDD US14**

System Design Document

IB\*2.0\*592



Department of Veterans Affairs

**March 2017**

Version 2.01

**User Story Number:** USEB-14

**User Story Name:** TPJI Indicator for Dental Claims

**Resolution – Data Design**

To satisfy the enhancement request described by the aforementioned User Story, the following need to be completed:

* MODIFY the ^IBJTLA1 routine to identify a Dental Claim.
* MODIFY the ^IBJTLB1 routine to identify a Dental Claim.
* CORRECT a detected bug in TYPE^IBJTLB1.

| **Routines** | **Activities** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBJTLA1 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | None | | | | | | | | |
| **Related Routines** | **Routines “Called By”** | | | | | **Routines “Called”** | | | |
|  |  | | | | |  | | | |
| **Data Dictionary (DD) References** | None | | | | | | | | |
| **Related Protocols** | None | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | None | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Current Logic** | | | | | | | | | |
| IBJTLA1 ;ALB/ARH - TPI ACTIVE BILLS LIST BUILD ;2/14/95  ;;2.0;INTEGRATED BILLING;\*\*39,80,61,51,153,137,183,276,451,516\*\*;21-MAR-94;Build 123  ;;Per VA Directive 6402, this routine should not be modified.  ; BLDA ; build active list for third party joint inquiry active list  N IBIFN,IBCNT S VALMCNT=0,IBCNT=0  S IBIFN=0 F  S IBIFN=$O(^DGCR(399,"C",DFN,IBIFN)) Q:'IBIFN  I $$ACTIVE^IBJTU4(IBIFN) W "." D SCRN  ;  I VALMCNT=0 D SET(" ",0),SET("No Active Bills for this Patient",0)  ;  Q  ; SCRN ; add bill to screen list (IBIFN,DFN must be defined)  N X,IBY,IBD0,IBDU,IBDM,TYPE S X=""  S IBCNT=IBCNT+1,IBD0=$G(^DGCR(399,+IBIFN,0)),IBDU=$G(^DGCR(399,+IBIFN,"U")),IBDM=$G(^DGCR(399,+IBIFN,"M"))  S IBY=IBCNT,X=$$SETFLD^VALM1(IBY,X,"NUMBER")  ; IB\*2.0\*451 - get EEOB indicator for bill # when applicable  S IBPFLAG=$$EEOB(+IBIFN)  S IBY=$S($G(IBPFLAG)'="":"%",1:" ")\_$P(IBD0,U,1)\_$$ECME^IBTRE(IBIFN),X=$$SETFLD^VALM1(IBY,X,"BILL") ;add EEOB indicator '%' to bill number when applicable  S IBY=$S($$REF^IBJTU31(+IBIFN):"r",1:""),X=$$SETFLD^VALM1(IBY,X,"REFER")  S IBY=$S($$IB^IBRUTL(+IBIFN,0):"\*",1:""),X=$$SETFLD^VALM1(IBY,X,"HD")  S IBY=$$DATE($P(IBDU,U,1)),X=$$SETFLD^VALM1(IBY,X,"STFROM")  S IBY=$$DATE($P(IBDU,U,2)),X=$$SETFLD^VALM1(IBY,X,"STTO")  ;  S IBY=$P($$LST^DGMTU(DFN,$P(IBDU,U)),U,4),IBY=$S(IBY="C":"YES",IBY="P":"PEN",IBY="R":"REQ",IBY="G":"GMT",1:"NO"),X=$$SETFLD^VALM1(IBY,X,"MT?")  ;S IBY=$$TYPE($P(IBD0,U,5))\_$$TF($P(IBD0,U,6))\_$S($P(IBD0,U,27)=1:"I",$P(IBD0,U,27)=2:"P",1:""),X=$$SETFLD^VALM1(IBY,X,"TYPE") ; 516 - baa  S TYPE=$$TYPE($P(IBD0,U,5)) I $E(TYPE,2)="P" S TYPE=$E(TYPE) ; 516 - baa  S IBY=TYPE\_"/"\_$S($P(IBD0,U,27)=1:"I",$P(IBD0,U,27)=2:"P",1:""),X=$$SETFLD^VALM1(IBY,X,"TYPE") ; 516 - baa  S IBY=" "\_$P($$ARSTATA^IBJTU4(IBIFN),U,2),X=$$SETFLD^VALM1(IBY,X,"ARST")  ;  S IBY=$P($G(^DGCR(399.3,+$P(IBD0,U,7),0)),U,4),X=$$SETFLD^VALM1(IBY,X,"RATE")  S IBY=$S($$MINS^IBJTU31(+IBIFN):"+",1:""),X=$$SETFLD^VALM1(IBY,X,"CB")  S IBY=+$G(^DGCR(399,+IBIFN,"MP"))  I 'IBY,$$MCRWNR^IBEFUNC($$CURR^IBCEF2(IBIFN)) S IBY=+$$CURR^IBCEF2(IBIFN)  S IBY=$P($G(^DIC(36,+IBY,0)),U,1)  S X=$$SETFLD^VALM1(IBY,X,"INSUR")  S IBY=$$BILL^RCJIBFN2(IBIFN)  S X=$$SETFLD^VALM1($J(+$P(IBY,U,1),8,2),X,"OAMT")  S X=$$SETFLD^VALM1($J(+$P(IBY,U,3),8,2),X,"CAMT")  D SET(X,IBCNT)  Q  ; DATE(X) ; date in external format  N Y S Y="" I X?7N.E S Y=$E(X,4,5)\_"/"\_$E(X,6,7)\_"/"\_$E(X,2,3)  Q Y  ; TYPE(X) ; return abbreviated form of Bill Classification (399,.05)  Q $S(X=1:"IP",X=2:"IH",X=3:"OP",X=4:"OH",1:"")  ; TF(X) ; return abbreviated form of Timeframe of Bill (399,.06)  Q $S(X=2:"-F",X=3:"-C",X=4:"-L",X'=1:"-O",1:"")  ; SET(X,CNT) ; set up list manager screen array  S VALMCNT=VALMCNT+1  S ^TMP("IBJTLA",$J,VALMCNT,0)=X Q:'CNT  S ^TMP("IBJTLA",$J,"IDX",VALMCNT,+CNT)=""  S ^TMP("IBJTLAX",$J,CNT)=VALMCNT\_U\_IBIFN  Q  ; EEOB(IBIFN) ; get payment information  ; IB\*2.0\*451 - find an EOB payment for a bill  ; input is the IEN for the bill # in file #399 and must be valid,  ; output is the EEOB indicator '%' if a payment is found in file #361.1,  ; exclude EOB type MRA (Medicare).  N IBPFLAG,IBVAL,Z  I $G(IBIFN)=0 Q ""  I '$O(^IBM(361.1,"B",IBIFN,0)) Q ""  ; no entry here  I $P($G(^DGCR(399,IBIFN,0)),"^",13)=1 Q ""  ;avoid 'ENTERED/NOT REVIEWED' status  ; handle both single and multiple bill entries in file #361.1  S Z=0 F  S Z=$O(^IBM(361.1,"B",IBIFN,Z)) Q:'Z  D  Q:$G(IBPFLAG)="%"  . S IBVAL=$G(^IBM(361.1,Z,0))  . S IBPFLAG=$S($P(IBVAL,"^",4)=1:"",$P(IBVAL,"^",4)=0:"%",1:"")  Q IBPFLAG  ; EOB indicator for either 1st or 3rd payment on bill | | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | | |
| IBJTLA1 ;ALB/ARH - TPI ACTIVE BILLS LIST BUILD ;2/14/95  ;;2.0;INTEGRATED BILLING;\*\*39,80,61,51,153,137,183,276,451,516\*\*;21-MAR-94;Build 123  ;;Per VA Directive 6402, this routine should not be modified.  ; BLDA ; build active list for third party joint inquiry active list  N IBIFN,IBCNT S VALMCNT=0,IBCNT=0  S IBIFN=0 F  S IBIFN=$O(^DGCR(399,"C",DFN,IBIFN)) Q:'IBIFN  I $$ACTIVE^IBJTU4(IBIFN) W "." D SCRN  ;  I VALMCNT=0 D SET(" ",0),SET("No Active Bills for this Patient",0)  ;  Q  ; SCRN ; add bill to screen list (IBIFN,DFN must be defined)  N X,IBY,IBD0,IBDU,IBDM,TYPE S X=""  S IBCNT=IBCNT+1,IBD0=$G(^DGCR(399,+IBIFN,0)),IBDU=$G(^DGCR(399,+IBIFN,"U")),IBDM=$G(^DGCR(399,+IBIFN,"M"))  S IBY=IBCNT,X=$$SETFLD^VALM1(IBY,X,"NUMBER")  ; IB\*2.0\*451 - get EEOB indicator for bill # when applicable  S IBPFLAG=$$EEOB(+IBIFN)  S IBY=$S($G(IBPFLAG)'="":"%",1:" ")\_$P(IBD0,U,1)\_$$ECME^IBTRE(IBIFN),X=$$SETFLD^VALM1(IBY,X,"BILL") ;add EEOB indicator '%' to bill number when applicable  S IBY=$S($$REF^IBJTU31(+IBIFN):"r",1:""),X=$$SETFLD^VALM1(IBY,X,"REFER")  S IBY=$S($$IB^IBRUTL(+IBIFN,0):"\*",1:""),X=$$SETFLD^VALM1(IBY,X,"HD")  S IBY=$$DATE($P(IBDU,U,1)),X=$$SETFLD^VALM1(IBY,X,"STFROM")  S IBY=$$DATE($P(IBDU,U,2)),X=$$SETFLD^VALM1(IBY,X,"STTO")  ;  S IBY=$P($$LST^DGMTU(DFN,$P(IBDU,U)),U,4),IBY=$S(IBY="C":"YES",IBY="P":"PEN",IBY="R":"REQ",IBY="G":"GMT",1:"NO"),X=$$SETFLD^VALM1(IBY,X,"MT?")  ;S IBY=$$TYPE($P(IBD0,U,5))\_$$TF($P(IBD0,U,6))\_$S($P(IBD0,U,27)=1:"I",$P(IBD0,U,27)=2:"P",1:""),X=$$SETFLD^VALM1(IBY,X,"TYPE") ; 516 - baa  S TYPE=$$TYPE($P(IBD0,U,5)) I $E(TYPE,2)="P" S TYPE=$E(TYPE) ; 516 - baa  I $$FT^IBCEU(IBIFN)=7 S TYPE=”D” ; If this is a Dental Claim, set TYPE to “D”  S IBY=TYPE\_"/"\_$S($P(IBD0,U,27)=1:"I",$P(IBD0,U,27)=2:"P",1:""),X=$$SETFLD^VALM1(IBY,X,"TYPE") ; 516 - baa  S IBY=" "\_$P($$ARSTATA^IBJTU4(IBIFN),U,2),X=$$SETFLD^VALM1(IBY,X,"ARST")  ;  S IBY=$P($G(^DGCR(399.3,+$P(IBD0,U,7),0)),U,4),X=$$SETFLD^VALM1(IBY,X,"RATE")  S IBY=$S($$MINS^IBJTU31(+IBIFN):"+",1:""),X=$$SETFLD^VALM1(IBY,X,"CB")  S IBY=+$G(^DGCR(399,+IBIFN,"MP"))  I 'IBY,$$MCRWNR^IBEFUNC($$CURR^IBCEF2(IBIFN)) S IBY=+$$CURR^IBCEF2(IBIFN)  S IBY=$P($G(^DIC(36,+IBY,0)),U,1)  S X=$$SETFLD^VALM1(IBY,X,"INSUR")  S IBY=$$BILL^RCJIBFN2(IBIFN)  S X=$$SETFLD^VALM1($J(+$P(IBY,U,1),8,2),X,"OAMT")  S X=$$SETFLD^VALM1($J(+$P(IBY,U,3),8,2),X,"CAMT")  D SET(X,IBCNT)  Q  ; DATE(X) ; date in external format  N Y S Y="" I X?7N.E S Y=$E(X,4,5)\_"/"\_$E(X,6,7)\_"/"\_$E(X,2,3)  Q Y  ; TYPE(X) ; return abbreviated form of Bill Classification (399,.05)  Q $S(X=1:"IP",X=2:"IH",X=3:"OP",X=4:"OH",1:"")  ; TF(X) ; return abbreviated form of Timeframe of Bill (399,.06)  Q $S(X=2:"-F",X=3:"-C",X=4:"-L",X'=1:"-O",1:"")  ; SET(X,CNT) ; set up list manager screen array  S VALMCNT=VALMCNT+1  S ^TMP("IBJTLA",$J,VALMCNT,0)=X Q:'CNT  S ^TMP("IBJTLA",$J,"IDX",VALMCNT,+CNT)=""  S ^TMP("IBJTLAX",$J,CNT)=VALMCNT\_U\_IBIFN  Q  ; EEOB(IBIFN) ; get payment information  ; IB\*2.0\*451 - find an EOB payment for a bill  ; input is the IEN for the bill # in file #399 and must be valid,  ; output is the EEOB indicator '%' if a payment is found in file #361.1,  ; exclude EOB type MRA (Medicare).  N IBPFLAG,IBVAL,Z  I $G(IBIFN)=0 Q ""  I '$O(^IBM(361.1,"B",IBIFN,0)) Q ""  ; no entry here  I $P($G(^DGCR(399,IBIFN,0)),"^",13)=1 Q ""  ;avoid 'ENTERED/NOT REVIEWED' status  ; handle both single and multiple bill entries in file #361.1  S Z=0 F  S Z=$O(^IBM(361.1,"B",IBIFN,Z)) Q:'Z  D  Q:$G(IBPFLAG)="%"  . S IBVAL=$G(^IBM(361.1,Z,0))  . S IBPFLAG=$S($P(IBVAL,"^",4)=1:"",$P(IBVAL,"^",4)=0:"%",1:"")  Q IBPFLAG  ; EOB indicator for either 1st or 3rd payment on bill | | | | | | | | | |

| **Routines** | **Activities** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Routine Name** | IBJTLB1 | | | | | | | | |
| **Enhancement Category** | New | | Modify | Delete | | | No Change | | |
| **RTM** |  | | | | | | | | |
| **Related Options** | None | | | | | | | | |
| **Related Routines** | **Routines “Called By”** | | | | | **Routines “Called”** | | | |
|  |  | | | | |  | | | |
| **Data Dictionary (DD) References** | None | | | | | | | | |
| **Related Protocols** | None | | | | | | | | |
| **Related Integration Control Registrations (ICRs)** | None | | | | | | | | |
| **Data Passing** | Input | Output Reference | | | Both | | | Global Reference | Local |
| **Input Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Output Attribute Name and Definition** | Name:  Definition: | | | | | | | | |
| **Current Logic** | | | | | | | | | |
| IBJTLB1 ;ALB/ARH - TPI INACTIVE LIST BUILD ;2/14/95  ;;2.0;INTEGRATED BILLING;\*\*39,80,61,137,276,451,516\*\*;21-MAR-94;Build 123  ;;Per VA Directive 6402, this routine should not be modified.  ; BLDA ; build active list for third party joint inquiry active list, DFN must be defined  ; first search starts at dt and works backwards for 6 months of bills or IBMAXCNT bills, whichever is greater  ; all bills for a single day are included in the same search so even IBMAXCNT may be exceeded  ; if IBEND is defined on entry it is used as the end dt of the search, otherwise DT is used  ; IBBEG is left defined on exit, if it has a value then it is used by the Change Dates action to define the next  ; end date of the search, this results in each CD action default working backwards through the date range until  ; no bills are found and IBBEG is null then search restarts at DT, IBEND is defined so can tell if range changed  N IBIFN,IBCNT,IBBDT,IBEDT,IBFIRST,IBLAST,IBDT1,IBDT2,IBMAXCNT K IBHMSG  S IBEDT=$S(+$G(IBEND):IBEND,1:DT),IBBDT=$$FMADD^XLFDT(IBEDT,-180),IBMAXCNT=52  ;  S (VALMCNT,IBCNT)=0,IBDT1=$S(IBEDT'="":-(IBEDT+.01),1:""),IBDT2=-IBBDT  S IBFIRST=IBBDT,IBLAST=-$O(^DGCR(399,"APDS",DFN,""))  ;  F  S IBDT1=$O(^DGCR(399,"APDS",DFN,IBDT1)) Q:'IBDT1!(IBDT1>IBDT2&(IBCNT'<IBMAXCNT)) S IBFIRST=-IBDT1 D  . S IBIFN=0 F  S IBIFN=$O(^DGCR(399,"APDS",DFN,IBDT1,IBIFN)) Q:'IBIFN  I '$$ACTIVE^IBJTU4(IBIFN) D SCRN W "."  ;  S IBBEG=$S('IBDT1:"",IBBDT>IBFIRST:IBFIRST,1:IBBDT),IBBDT=$S(+IBBEG:$$DATE(IBBEG),1:"BEGIN")  S IBEND=$S(IBEDT=""!(IBLAST'>IBEDT):"",1:IBEDT),IBEDT=$S(+IBEND:$$DATE(IBEND),1:"END")  ;  I 'IBBEG,'IBEND S IBHMSG="\*\* All Inactive Bills \*\*"  I $G(IBHMSG)="" S IBHMSG=IBBDT\_" - "\_IBEDT  S IBHMSG=IBHMSG\_" ("\_VALMCNT\_")"  ;  I VALMCNT=0 D SET(" ",0),SET("No Inactive Bills for this Patient",0)  ;  Q  ; SCRN ; add bill to screen list (IBIFN,DFN must be defined)  N X,IBY,IBD0,IBDU,IBDM,TYPE S X=""  S IBCNT=IBCNT+1,IBD0=$G(^DGCR(399,+IBIFN,0)),IBDU=$G(^DGCR(399,+IBIFN,"U")),IBDM=$G(^DGCR(399,+IBIFN,"M"))  S IBY=IBCNT,X=$$SETFLD^VALM1(IBY,X,"NUMBER")  ; IB\*2.0\*451 - get EEOB indicator for bill # when applicable  S IBPFLAG=$$EEOB^IBJTLA1(+IBIFN)  S IBY=$P(IBD0,U,1)\_$$ECME^IBTRE(IBIFN),X=$$SETFLD^VALM1(IBY,X,"BILL")  S IBY=$S($G(IBPFLAG)'="":"%",1:" ")\_IBY,X=$$SETFLD^VALM1(IBY,X,"BILL")  S IBY=$S($$REF^IBJTU31(+IBIFN):"r",1:""),X=$$SETFLD^VALM1(IBY,X,"REFER")  S IBY=$S($$IB^IBRUTL(+IBIFN,0):"\*",1:""),X=$$SETFLD^VALM1(IBY,X,"HD")  S IBY=$$DATE($P(IBDU,U,1)),X=$$SETFLD^VALM1(IBY,X,"STFROM")  S IBY=$$DATE($P(IBDU,U,2)),X=$$SETFLD^VALM1(IBY,X,"STTO")  ;  ;S IBY=$$TYPE($P(IBD0,U,5))\_$$TF($P(IBD0,U,6)),X=$$SETFLD^VALM1(IBY,X,"TYPE")  S TYPE=$$TYPE($P(IBD0,U,5)) I $E(TYPE,2)="P" S TYPE=$E(TYPE) ; 516 - baa  S IBY=TYPE\_"/"\_$S($P(IBD0,U,27)=1:"I",$P(IBD0,U,27)=2:"P",1:""),X=$$SETFLD^VALM1(IBY,X,"TYPE") ; 516 - baa  S IBY=" "\_$P($$ARSTATA^IBJTU4(IBIFN),U,2),X=$$SETFLD^VALM1(IBY,X,"ARST")  ;  S IBY=$P($G(^DGCR(399.3,+$P(IBD0,U,7),0)),U,4),X=$$SETFLD^VALM1(IBY,X,"RATE")  S IBY=$S($$MINS^IBJTU31(IBIFN):"+",1:""),X=$$SETFLD^VALM1(IBY,X,"CB")  S IBY=+$G(^DGCR(399,+IBIFN,"MP"))  I 'IBY,$$MCRWNR^IBEFUNC(+$$CURR^IBCEF2(IBIFN)) S IBY=+$$CURR^IBCEF2(IBIFN)  S IBY=$P($G(^DIC(36,+IBY,0)),U,1),X=$$SETFLD^VALM1(IBY,X,"INSUR")  S IBY=$$BILL^RCJIBFN2(IBIFN)  S X=$$SETFLD^VALM1($J(+$P(IBY,U,1),8,2),X,"OAMT")  S X=$$SETFLD^VALM1($J(+$P(IBY,U,3),8,2),X,"CAMT")  D SET(X,IBCNT)  Q  ; DATE(X) ; date in external format  Q $E(X,4,5)\_"/"\_$E(X,6,7)\_"/"\_$E(X,2,3)  ; TYPE(X) ; return abbreviated form of Bill Classification (399,.05)  ; modified for 516 - baa  ;Q $S(X=1:"IP",X=2:"IH",X=3:"OP",X=4:"OH",1:"")  Q $S(X=1:"I",X=2:"IH",X=3:"O",X=4:"OH",1:"")  ; TF(X) ; return abbreviated form of Timeframe of Bill (399,.06)  Q $S(X=2:"-F",X=3:"-C",X=4:"-L",X'=1:"-O",1:"")  ; SET(X,CNT) ; set up list manager screen array  S VALMCNT=VALMCNT+1  S ^TMP("IBJTLB",$J,VALMCNT,0)=X Q:'CNT  S ^TMP("IBJTLB",$J,"IDX",VALMCNT,+CNT)=""  S ^TMP("IBJTLBX",$J,CNT)=VALMCNT\_U\_IBIFN  Q | | | | | | | | | |
| **Modified Logic (Changes are in bold)** | | | | | | | | | |
| IBJTLB1 ;ALB/ARH - TPI INACTIVE LIST BUILD ;2/14/95  ;;2.0;INTEGRATED BILLING;\*\*39,80,61,137,276,451,516\*\*;21-MAR-94;Build 123  ;;Per VA Directive 6402, this routine should not be modified.  ; BLDA ; build active list for third party joint inquiry active list, DFN must be defined  ; first search starts at dt and works backwards for 6 months of bills or IBMAXCNT bills, whichever is greater  ; all bills for a single day are included in the same search so even IBMAXCNT may be exceeded  ; if IBEND is defined on entry it is used as the end dt of the search, otherwise DT is used  ; IBBEG is left defined on exit, if it has a value then it is used by the Change Dates action to define the next  ; end date of the search, this results in each CD action default working backwards through the date range until  ; no bills are found and IBBEG is null then search restarts at DT, IBEND is defined so can tell if range changed  N IBIFN,IBCNT,IBBDT,IBEDT,IBFIRST,IBLAST,IBDT1,IBDT2,IBMAXCNT K IBHMSG  S IBEDT=$S(+$G(IBEND):IBEND,1:DT),IBBDT=$$FMADD^XLFDT(IBEDT,-180),IBMAXCNT=52  ;  S (VALMCNT,IBCNT)=0,IBDT1=$S(IBEDT'="":-(IBEDT+.01),1:""),IBDT2=-IBBDT  S IBFIRST=IBBDT,IBLAST=-$O(^DGCR(399,"APDS",DFN,""))  ;  F  S IBDT1=$O(^DGCR(399,"APDS",DFN,IBDT1)) Q:'IBDT1!(IBDT1>IBDT2&(IBCNT'<IBMAXCNT)) S IBFIRST=-IBDT1 D  . S IBIFN=0 F  S IBIFN=$O(^DGCR(399,"APDS",DFN,IBDT1,IBIFN)) Q:'IBIFN  I '$$ACTIVE^IBJTU4(IBIFN) D SCRN W "."  ;  S IBBEG=$S('IBDT1:"",IBBDT>IBFIRST:IBFIRST,1:IBBDT),IBBDT=$S(+IBBEG:$$DATE(IBBEG),1:"BEGIN")  S IBEND=$S(IBEDT=""!(IBLAST'>IBEDT):"",1:IBEDT),IBEDT=$S(+IBEND:$$DATE(IBEND),1:"END")  ;  I 'IBBEG,'IBEND S IBHMSG="\*\* All Inactive Bills \*\*"  I $G(IBHMSG)="" S IBHMSG=IBBDT\_" - "\_IBEDT  S IBHMSG=IBHMSG\_" ("\_VALMCNT\_")"  ;  I VALMCNT=0 D SET(" ",0),SET("No Inactive Bills for this Patient",0)  ;  Q  ; SCRN ; add bill to screen list (IBIFN,DFN must be defined)  N X,IBY,IBD0,IBDU,IBDM,TYPE S X=""  S IBCNT=IBCNT+1,IBD0=$G(^DGCR(399,+IBIFN,0)),IBDU=$G(^DGCR(399,+IBIFN,"U")),IBDM=$G(^DGCR(399,+IBIFN,"M"))  S IBY=IBCNT,X=$$SETFLD^VALM1(IBY,X,"NUMBER")  ; IB\*2.0\*451 - get EEOB indicator for bill # when applicable  S IBPFLAG=$$EEOB^IBJTLA1(+IBIFN)  S IBY=$P(IBD0,U,1)\_$$ECME^IBTRE(IBIFN),X=$$SETFLD^VALM1(IBY,X,"BILL")  S IBY=$S($G(IBPFLAG)'="":"%",1:" ")\_IBY,X=$$SETFLD^VALM1(IBY,X,"BILL")  S IBY=$S($$REF^IBJTU31(+IBIFN):"r",1:""),X=$$SETFLD^VALM1(IBY,X,"REFER")  S IBY=$S($$IB^IBRUTL(+IBIFN,0):"\*",1:""),X=$$SETFLD^VALM1(IBY,X,"HD")  S IBY=$$DATE($P(IBDU,U,1)),X=$$SETFLD^VALM1(IBY,X,"STFROM")  S IBY=$$DATE($P(IBDU,U,2)),X=$$SETFLD^VALM1(IBY,X,"STTO")  ;  ;S IBY=$$TYPE($P(IBD0,U,5))\_$$TF($P(IBD0,U,6)),X=$$SETFLD^VALM1(IBY,X,"TYPE") S TYPE=$$TYPE($P(IBD0,U,5)) I $E(TYPE,2)="P" S TYPE=$E(TYPE) ; 516 - baa  I $$FT^IBCEU(IBIFN)=7 S TYPE=”D” ; If this is a Dental Claim, set TYPE to “D”  S IBY=TYPE\_"/"\_$S($P(IBD0,U,27)=1:"I",$P(IBD0,U,27)=2:"P",1:""),X=$$SETFLD^VALM1(IBY,X,"TYPE") ; 516 - baa  S IBY=" "\_$P($$ARSTATA^IBJTU4(IBIFN),U,2),X=$$SETFLD^VALM1(IBY,X,"ARST")  ;  S IBY=$P($G(^DGCR(399.3,+$P(IBD0,U,7),0)),U,4),X=$$SETFLD^VALM1(IBY,X,"RATE")  S IBY=$S($$MINS^IBJTU31(IBIFN):"+",1:""),X=$$SETFLD^VALM1(IBY,X,"CB")  S IBY=+$G(^DGCR(399,+IBIFN,"MP"))  I 'IBY,$$MCRWNR^IBEFUNC(+$$CURR^IBCEF2(IBIFN)) S IBY=+$$CURR^IBCEF2(IBIFN)  S IBY=$P($G(^DIC(36,+IBY,0)),U,1),X=$$SETFLD^VALM1(IBY,X,"INSUR")  S IBY=$$BILL^RCJIBFN2(IBIFN)  S X=$$SETFLD^VALM1($J(+$P(IBY,U,1),8,2),X,"OAMT")  S X=$$SETFLD^VALM1($J(+$P(IBY,U,3),8,2),X,"CAMT")  D SET(X,IBCNT)  Q  ; DATE(X) ; date in external format  Q $E(X,4,5)\_"/"\_$E(X,6,7)\_"/"\_$E(X,2,3)  ; TYPE(X) ; return abbreviated form of Bill Classification (399,.05)  ; modified for 516 - baa  Q $S(X=1:"IP",X=2:"IH",X=3:"OP",X=4:"OH",1:"") ; vd – IB\*2.O\*??? correct a detected bug and to  ;Q $S(X=1:"I",X=2:"IH",X=3:"O",X=4:"OH",1:"") ; make this code consistent with TYPE^IBJTLA1.  ; TF(X) ; return abbreviated form of Timeframe of Bill (399,.06)  Q $S(X=2:"-F",X=3:"-C",X=4:"-L",X'=1:"-O",1:"")  ; SET(X,CNT) ; set up list manager screen array  S VALMCNT=VALMCNT+1  S ^TMP("IBJTLB",$J,VALMCNT,0)=X Q:'CNT  S ^TMP("IBJTLB",$J,"IDX",VALMCNT,+CNT)=""  S ^TMP("IBJTLBX",$J,CNT)=VALMCNT\_U\_IBIFN  Q | | | | | | | | | |