



Avalara AvaTax for Microsoft Dynamics NAV 2013 R2

Specific Code Change Document

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Changes in Avalara objects

Object Table 14073510 AVA Release State Buffer

Delete this Table object from Object designer

Object Codeunit 14073301 AVA Tax Engine

Change in Version List of objects:

Old Value	:	AVA7.08.05.00
New Value	:	AVA7.08.05.01

Changes in Global Text Constant:

Text14073212 :	TextConst	'ENU=NAV 7.10.35473.05.00'
Text14073212 :	TextConst	'ENU=NAV 7.10.35473.05.01'

Changes in Global variables

Add new variable:

AvaReleaseStatisticsBln – Boolean

Remove existing variable:

AvaTempReleaseStateBuf - Record - 14073510

Create new function → AvaSetFlagStatReleaseFn

New Code

```
AvaReleaseStatisticsBln := TRUE;
```

Change to function → fnCalcTax

Changes in below line

Old code

```

AvaWindowOpen(StrMessage+Text14073221);
CASE SalesHead."Document Type" OF
  0 : PassDocNo:='QUO' + SalesHead."No.";
  1 : PassDocNo:='ORD' + SalesHead."No.";
  2 : PassDocNo:='INV' + SalesHead."No.";
  3 : PassDocNo:='CRM' + SalesHead."No.";
  4 : PassDocNo:='BLC' + SalesHead."No.";
  5 : PassDocNo:='RET' + SalesHead."No.";
END;

IF Avaconfig.FINDFIRST THEN;

```

New code

```

AvaWindowOpen(StrMessage+Text14073221);
IF SalesHead."Document Type"=0 THEN
  PassDocNo:='QUO' + SalesHead."No."
ELSE IF SalesHead."Document Type"=1 THEN
  PassDocNo:='ORD' + SalesHead."No."
ELSE IF SalesHead."Document Type"=2 THEN
  PassDocNo:='INV' + SalesHead."No."
ELSE IF SalesHead."Document Type"=3 THEN
  PassDocNo:='CRM' + SalesHead."No."
ELSE IF SalesHead."Document Type"=4 THEN
  PassDocNo:='BLC' + SalesHead."No."
ELSE IF SalesHead."Document Type"=5 THEN
  PassDocNo:='RET' + SalesHead."No.";

IF Avaconfig.FINDFIRST THEN;

```

Search for below lines

```

TotalDisc:=0;
AvaWindowClose();

Disc:=FALSE;
SalesLine.SETRANGE(SalesLine."Document Type",SalesHeaderType);
SalesLine.SETRANGE(SalesLine."Document No.",SalesHeaderNo);
SalesLine.SETFILTER(SalesLine.Type, '<>%1', SalesLine.Type::" ");

Remove below Red clored lines
AvaTempReleaseStateBuf.RESET;//ERP CON-1361
IF AvaTempReleaseStateBuf.FIND('-') THEN BEGIN//ERP CON-1361
  AvaTempReleaseStateBuf.FINDFIRST;//ERP CON-1361
END;//1361

IF SalesLine.FIND('-') THEN BEGIN
  REPEAT
    IF NOT((SalesLine."Qty. to Ship"=0) AND (SalesLine."Qty. to Invoice"=0)) OR
      ((Avaconfig."Statistics Quantity" = '1') AND NOT(AvaTempReleaseStateBuf."Release State")) THEN BEGIN//ERP CON-
1361
      Ref1:="";Ref2:="";G\LAccNo.:="";TaxibilityCode:="";

```

```

LineAmtPassed:=0;QtyPerLine:=0;
ShipMethodLine:=ShipMethod;
IF STRPOS(SalesLine."Tax Area Code",Text14073208) <> 0 THEN
  ShipMethodLine:=2;

```

Apply below code change

```

Disc:=FALSE;
IF SalesLine."Inv. Discount Amount" <> 0 THEN
  Disc:=TRUE
ELSE
  Disc:=FALSE;

IF NOT AvaReleaseStatisticsBln THEN BEGIN

Remove below colored lines
AvaTempReleaseStateBuf.RESET;
IF AvaTempReleaseStateBuf.FIND('-') THEN BEGIN
  AvaTempReleaseStateBuf.FINDFIRST;
END;
IF AvaTempReleaseStateBuf."Release State" = FALSE THEN BEGIN

  IF Avaconfig."Statistics Quantity" = '1' THEN
    BEGIN
      LineAmtPassed:=ROUND((SalesLine.Quantity*UnitPrice) -
        ROUND((SalesLine.Quantity * UnitPrice * SalesLine."Line Discount %")/100));//CONNECT-918
      QtyPerLine:=SalesLine.Quantity;
    END ELSE IF Avaconfig."Statistics Quantity" = '2' THEN BEGIN
    IF (SalesLine."Document Type" = SalesLine."Document Type" :: "Return Order") OR
      (SalesLine."Document Type" = SalesLine."Document Type" :: "Credit Memo") THEN BEGIN
      LineAmtPassed:=ROUND((SalesLine."Return Qty. to Receive"*UnitPrice) -
        ROUND((SalesLine."Return Qty. to Receive" * UnitPrice * SalesLine."Line Discount
%/100));//CONNECT-918
      QtyPerLine:=SalesLine."Return Qty. to Receive";
    END ELSE BEGIN
      LineAmtPassed:=ROUND((SalesLine."Qty. to Ship"*UnitPrice) -
        ROUND((SalesLine."Qty. to Ship" * UnitPrice * SalesLine."Line Discount %")/100));//CONNECT-918
      QtyPerLine:=SalesLine."Qty. to Ship";
    END;
  END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
    LineAmtPassed:=ROUND((SalesLine."Qty. to Invoice"*UnitPrice) -
      ROUND((SalesLine."Qty. to Invoice" * UnitPrice * SalesLine."Line Discount %")/100));//CONNECT-918
    QtyPerLine:=SalesLine."Qty. to Invoice";
  END;

  END ELSE BEGIN
  IF Avaconfig."Release Quantity" = '1' THEN
    BEGIN
      LineAmtPassed:=ROUND((SalesLine.Quantity*UnitPrice) -
        ROUND((SalesLine.Quantity * UnitPrice * SalesLine."Line Discount %")/100));//CONNECT-918
      QtyPerLine:=SalesLine.Quantity;
    END ELSE IF Avaconfig."Release Quantity" = '2' THEN BEGIN
    IF (SalesLine."Document Type" = SalesLine."Document Type" :: "Credit Memo") OR
      (SalesLine."Document Type" = SalesLine."Document Type" :: "Return Order") THEN BEGIN
      LineAmtPassed:=ROUND((SalesLine."Return Qty. to Receive"*UnitPrice) -

```

```

        ROUND((SalesLine."Return Qty. to Receive" * UnitPrice * SalesLine."Line Discount
%")/100));//CONNECT-918
        QtyPerLine:=SalesLine."Return Qty. to Receive";
    END ELSE BEGIN
        LineAmtPassed:=ROUND((SalesLine."Qty. to Ship"*UnitPrice) -
            ROUND((SalesLine."Qty. to Ship" * UnitPrice * SalesLine."Line Discount %")/100));//CONNECT-918
        QtyPerLine:=SalesLine."Qty. to Ship";
    END;
END ELSE IF Avaconfig."Release Quantity" = '3' THEN BEGIN
    LineAmtPassed:=ROUND((SalesLine."Qty. to Invoice"*UnitPrice) -
        ROUND((SalesLine."Qty. to Invoice" * UnitPrice * SalesLine."Line Discount %")/100));//CONNECT-918
    QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END;

Remove below colored lines
AvaTempReleaseStateBuf.DELETEALL;
COMMIT;
CLEAR(AvaTempReleaseStateBuf);

IF TDocType=1 THEN BEGIN
    IF QtyPerLine < 0 THEN
        QtyPerLine:=QtyPerLine*-1;
    END ELSE IF TDocType=5 THEN BEGIN
        IF QtyPerLine < 0 THEN
            QtyPerLine:=QtyPerLine*-1;
            LineAmtPassed:= LineAmtPassed * -1;
        END;

    IF Disc THEN
        IF NOT (SalesLine.Quantity=0) THEN
            TotalDisc:=TotalDisc + ((SalesLine."Inv. Discount Amount"/SalesLine.Quantity)*QtyPerLine)
        ELSE
            TotalDisc:=TotalDisc + 0;
            AvaWindowOpen(StrMessage+Text14073225);
            fnUpdateTaxCode(SalesLine);

            fnGetTaxLine(oGetTaxRequest,
                oAddFromLine,
                oAddFinalToLine,
                ShipMethodLine,
                SalesLine."Line No.",
                SalesLine."No.",
                SalesLine.Description,
                QtyPerLine,
                LineAmtPassed,
                Disc,
                ExemptionNo,
                Ref1,
                Ref2,
                "G\LAccNo.",
                TaxibilityCode,
                EntityUseCode,
                oTaxLines,

```

```

        OutStatus);
        AvaWindowClose(); ;
        END;//ERPCON-1316
    UNTIL SalesLine.NEXT = 0;
    END;

```

Remove below colored lines

```

AvaTempReleaseStateBuf.DELETEALL;
COMMIT;
CLEAR(AvaTempReleaseStateBuf);

```

```

IF TotalDisc <> 0 THEN

```

Change to function → fnCalcTax1

Changes in below line

Old code

```

fnRemoveRecord(AvaHead."No.");
CASE SalesHead."Document Type" OF
    0 : PassDocNo:='QUO' + SalesHead."No.";
    1 : PassDocNo:='ORD' + SalesHead."No.";
    2 : PassDocNo:='INV' + SalesHead."No.";
    3 : PassDocNo:='CRM' + SalesHead."No.";
    4 : PassDocNo:='BLC' + SalesHead."No.";
    5 : PassDocNo:='RET' + SalesHead."No.";
END;

```

```

IF Avaconfig.FINDFIRST THEN;

```

New code

```

fnRemoveRecord(AvaHead."No.");
IF SalesHead."Document Type"=0 THEN
    PassDocNo:='QUO' + SalesHead."No."
ELSE IF SalesHead."Document Type"=1 THEN
    PassDocNo:='ORD' + SalesHead."No."
ELSE IF SalesHead."Document Type"=2 THEN
    PassDocNo:='INV' + SalesHead."No."
ELSE IF SalesHead."Document Type"=3 THEN
    PassDocNo:='CRM' + SalesHead."No."
ELSE IF SalesHead."Document Type"=4 THEN
    PassDocNo:='BLC' + SalesHead."No."
ELSE IF SalesHead."Document Type"=5 THEN
    PassDocNo:='RET' + SalesHead."No.";

```

```

IF Avaconfig.FINDFIRST THEN;

```

Search for below lines

```

AvaWindowClose();
TotalDisc:=0;

```

Remove below colored line

```

AvaTempReleaseStateBuf.RESET;
IF AvaTempReleaseStateBuf.FIND('-') THEN BEGIN

```

```
AvaTempReleaseStateBuf.FINDFIRST;
END;//1361
```

```
Disc:=FALSE;
```

Change to function → OnServiceReleaseBatch

Old Code

```
IF NOT(AvaCheckInstStatus) THEN
  EXIT(FALSE);

IF AvaConfig.FINDFIRST THEN BEGIN
  IF ((AvaConfig.Services MOD 100)/10) >= 1 THEN BEGIN
    IF AvaRelStateBuf.FIND('-') THEN BEGIN
      AvaRelStateBuf.DELETE;
      COMMIT;
      END;
      AvaRelStateBuf.INIT;
      AvaRelStateBuf.VALIDATE(AvaRelStateBuf."Release State", TRUE);
      AvaRelStateBuf.INSERT();

      ServiceLines1.SETRANGE(ServiceLines1."Document Type",ServiceHead1."Document Type");
```

New Code

```
IF NOT(AvaCheckInstStatus) THEN
  EXIT(FALSE);

IF AvaConfig.FINDFIRST THEN BEGIN
  IF ((AvaConfig.Services MOD 100)/10) >= 1 THEN BEGIN
    AvaTaxEngine.AvaSetFlagStatReleaseFn;
    ServiceLines1.SETRANGE(ServiceLines1."Document Type",ServiceHead1."Document Type");
```

Apply below code change

```
Disc:=FALSE;
IF SalesLine."Inv. Discount Amount" <> 0 THEN
  Disc:=TRUE
ELSE
  Disc:=FALSE;
IF NOT (SalesHead.Ship AND SalesHead.Invoice) THEN
  BEGIN
    IF NOT AvaReleaseStatisticsBln THEN BEGIN //CONNECT-1596
      Remove below colored line
      IF AvaTempReleaseStateBuf.FIND('-') THEN BEGIN
        AvaTempReleaseStateBuf.FINDFIRST;
      END;
      IF AvaTempReleaseStateBuf."Release State" = FALSE THEN BEGIN
        IF Avaconfig."Statistics Quantity" = '1' THEN
          BEGIN
            LineAmtPassed:=ROUND((SalesLine.Quantity*UnitPrice) -
              ((SalesLine.Quantity * UnitPrice * SalesLine."Line Discount %")/100));
            QtyPerLine:=SalesLine.Quantity;
```



```

END ELSE IF Avaconfig."Statistics Quantity" = '2' THEN BEGIN
  IF (SalesLine."Document Type" = SalesLine."Document Type" :: "Credit Memo") OR

```

Apply below changes

```

UNTIL SalesLine.NEXT = 0;
END;
Remove below colored line
AvaTempReleaseStateBuf.DELETEALL;
COMMIT;

IF TotalDisc <> 0 THEN
  oGetTaxRequest.Discount:=TotalDisc*DCoefficient;

```

Change in function → *fnServiceCalcTax*

Old Code

```

fnRemoveRecord(AvaHead."No.");

CASE ServiceHead."Document Type" OF
  0 : PassDocNo:='SERQUO' + ServiceHead."No.";
  1 : PassDocNo:='SERORD' + ServiceHead."No.";
  2 : PassDocNo:='SERINV' + ServiceHead."No.";
  3 : PassDocNo:='SERCRM' + ServiceHead."No.";
END;
IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN

```

New Code

```

fnRemoveRecord(AvaHead."No.");

IF ServiceHead."Document Type"=0 THEN
  PassDocNo:='SERQUO' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=1 THEN
  PassDocNo:='SERORD' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=2 THEN
  PassDocNo:='SERINV' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=3 THEN
  PassDocNo:='SERCRM' + ServiceHead."No.";
IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN

```

Apply below changes

```

Disc:=FALSE;
IF ServiceLine."Inv. Discount Amount" <> 0 THEN
  Disc:=TRUE
ELSE
  Disc:=FALSE;

Remove below colored line
IF AvaTempReleaseStateBuf.FIND('-') THEN BEGIN
  AvaTempReleaseStateBuf.FINDFIRST;
END;

IF Avaconfig."Statistics Quantity" = '1' THEN
  BEGIN
    LineAmtPassed:=ROUND((ServiceLine.Quantity*UnitPrice) -
      ((ServiceLine.Quantity * UnitPrice * ServiceLine."Line Discount %")/100));
    QtyPerLine:=ServiceLine.Quantity;
  END ELSE IF Avaconfig."Statistics Quantity" = '2' THEN BEGIN
  IF (ServiceLine."Document Type" = ServiceLine."Document Type" :: "Credit Memo") THEN BEGIN
    LineAmtPassed:=ROUND((ServiceLine."Qty. to Invoice"*UnitPrice) -
      ((ServiceLine."Qty. to Invoice" * UnitPrice * ServiceLine."Line Discount %")/100));
    QtyPerLine:=ServiceLine."Qty. to Invoice";
  END ELSE BEGIN
    LineAmtPassed:=ROUND((ServiceLine."Qty. to Ship"*UnitPrice) -
      ((ServiceLine."Qty. to Ship" * UnitPrice * ServiceLine."Line Discount %")/100));
    QtyPerLine:=ServiceLine."Qty. to Ship";
  END;
  END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
    LineAmtPassed:=ROUND((ServiceLine."Qty. to Invoice"*UnitPrice) -
      ((ServiceLine."Qty. to Invoice" * UnitPrice * ServiceLine."Line Discount %")/100));
    QtyPerLine:=ServiceLine."Qty. to Invoice";
  END;
Remove below colored line
AvaTempReleaseStateBuf.DELETEALL;
COMMIT;
IF TDocType=1 THEN BEGIN
  IF QtyPerLine < 0 THEN

```

Change in function → fnServiceCalcTax1

Old Code

```

fnRemoveRecord(AvaHead."No.");

CASE ServiceHead."Document Type" OF
  0 : PassDocNo:='SERQUO' + ServiceHead."No.";
  1 : PassDocNo:='SERORD' + ServiceHead."No.";
  2 : PassDocNo:='SERINV' + ServiceHead."No.";
  3 : PassDocNo:='SERCRM' + ServiceHead."No.";
END;
IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN

```

New Code

```

fnRemoveRecord(AvaHead."No.");

IF ServiceHead."Document Type"=0 THEN
  PassDocNo:='SERQUO' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=1 THEN

```

```

PassDocNo:='SERORD' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=2 THEN
PassDocNo:='SERINV' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=3 THEN
PassDocNo:='SERCRM' + ServiceHead."No.";
IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN

```

Change in function → fnServiceCalcTaxBatch

Old Code

```

fnRemoveRecord(AvaHead."No.");

CASE ServiceHead."Document Type" OF
0 : PassDocNo:='SERQUO' + ServiceHead."No.";
1 : PassDocNo:='SERORD' + ServiceHead."No.";
2 : PassDocNo:='SERINV' + ServiceHead."No.";
3 : PassDocNo:='SERCRM' + ServiceHead."No.";
END;
IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN

```

New Code

```

fnRemoveRecord(AvaHead."No.");

IF ServiceHead."Document Type"=0 THEN
PassDocNo:='SERQUO' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=1 THEN
PassDocNo:='SERORD' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=2 THEN
PassDocNo:='SERINV' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=3 THEN
PassDocNo:='SERCRM' + ServiceHead."No.";
IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN

```

Apply below changes

```

Disc:=FALSE;
IF SalesLine."Inv. Discount Amount" <> 0 THEN
Disc:=TRUE
ELSE
Disc:=FALSE;
IF NOT (SalesHead.Ship AND SalesHead.Invoice) THEN
BEGIN
IF NOT AvaReleaseStatisticsBln THEN BEGIN //CONNECT-1596
Remove below colored line
IF AvaTempReleaseStateBuf.FIND('-') THEN BEGIN
AvaTempReleaseStateBuf.FINDFIRST;
END;
IF AvaTempReleaseStateBuf."Release State" = FALSE THEN BEGIN
IF Avaconfig."Statistics Quantity" = '1' THEN
BEGIN
LineAmtPassed:=(SalesLine.Quantity*UnitPrice) -
ROUND((SalesLine.Quantity * UnitPrice * SalesLine."Line Discount %")/100);

```

Apply below changes

```

QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END;

```

Remove below colored line

```
AvaTempReleaseStateBuf.DELETEALL;
COMMIT;
END;
```

```
IF TDocType=1 THEN BEGIN
  IF QtyPerLine < 0 THEN
    QtyPerLine:=QtyPerLine*-1;
```

Change in function → fnServCalcTaxBatch

Old Code

```
AvaWindowOpen(StrMessage+Text14073221);
IF ServiceHead."Document Type"=0 THEN
  PassDocNo:='SERQUO' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=1 THEN
  PassDocNo:='SERORD' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=2 THEN
  PassDocNo:='SERINV' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=3 THEN
  PassDocNo:='SERCRM' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=4 THEN
  PassDocNo:='BLC' + ServiceHead."No."
ELSE IF ServiceHead."Document Type"=5 THEN
  PassDocNo:='RET' + ServiceHead."No.";

IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN
```

New Code

```
AvaWindowOpen(StrMessage+Text14073221);
CASE ServiceHead."Document Type" OF
  0 : PassDocNo:='SERQUO' + ServiceHead."No.";
  1 : PassDocNo:='SERORD' + ServiceHead."No.";
  2 : PassDocNo:='SERINV' + ServiceHead."No.";
  3 : PassDocNo:='SERCRM' + ServiceHead."No.";
END;

IF Avaconfig."Source Code" = Avaconfig."Source Code"::"Sell-to Customer" THEN
```

Apply below changes

```
Disc:=FALSE;
IF ServiceLine."Inv. Discount Amount" <> 0 THEN
  Disc:=TRUE
ELSE
  Disc:=FALSE;
IF NOT AvaReleaseStatisticsBln THEN BEGIN //CONNECT-1596
//IF AvaTempReleaseStateBuf."Release State" = FALSE THEN BEGIN
  IF Avaconfig."Statistics Quantity" = '1' THEN
    BEGIN
      LineAmtPassed:=ROUND((ServiceLine.Quantity*UnitPrice) -
        ((ServiceLine.Quantity * UnitPrice * ServiceLine."Line Discount %")/100));
      QtyPerLine:=ServiceLine.Quantity;
    END ELSE IF Avaconfig."Statistics Quantity" = '2' THEN BEGIN
      IF (ServiceLine."Document Type" = ServiceLine."Document Type" :: "Credit Memo") THEN BEGIN
        LineAmtPassed:=ROUND((ServiceLine."Qty. to Invoice"*UnitPrice) -
          ((ServiceLine."Qty. to Invoice" * UnitPrice * ServiceLine."Line Discount %")/100));
        QtyPerLine:=ServiceLine."Qty. to Invoice";
```

```

END ELSE BEGIN
LineAmtPassed:=ROUND((ServiceLine."Qty. to Ship"*UnitPrice) -
((ServiceLine."Qty. to Ship" * UnitPrice * ServiceLine."Line Discount %")/100));
QtyPerLine:=ServiceLine."Qty. to Ship";
END;
END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
LineAmtPassed:=ROUND((ServiceLine."Qty. to Invoice"*UnitPrice) -
((ServiceLine."Qty. to Invoice" * UnitPrice * ServiceLine."Line Discount %")/100));
QtyPerLine:=ServiceLine."Qty. to Invoice";
END;

END ELSE BEGIN
IF Avaconfig."Release Quantity" = '1' THEN
BEGIN
LineAmtPassed:=ROUND((ServiceLine.Quantity*UnitPrice) -
((ServiceLine.Quantity * UnitPrice * ServiceLine."Line Discount %")/100));
QtyPerLine:=ServiceLine.Quantity;
END ELSE IF Avaconfig."Release Quantity" = '2' THEN BEGIN
IF (ServiceLine."Document Type" = ServiceLine."Document Type" :: "Credit Memo") THEN BEGIN
LineAmtPassed:=ROUND((ServiceLine."Qty. to Invoice"*UnitPrice) -
((ServiceLine."Qty. to Invoice" * UnitPrice * ServiceLine."Line Discount %")/100));
QtyPerLine:=ServiceLine."Qty. to Invoice";
END ELSE BEGIN
LineAmtPassed:=ROUND((ServiceLine."Qty. to Ship"*UnitPrice) -
((ServiceLine."Qty. to Ship" * UnitPrice * ServiceLine."Line Discount %")/100));
QtyPerLine:=ServiceLine."Qty. to Ship";
END;
END ELSE IF Avaconfig."Release Quantity" = '3' THEN BEGIN
LineAmtPassed:=ROUND((ServiceLine."Qty. to Invoice"*UnitPrice) -
((ServiceLine."Qty. to Invoice" * UnitPrice * ServiceLine."Line Discount %")/100));
QtyPerLine:=ServiceLine."Qty. to Invoice";
END;
END;
//AvaTempReleaseStateBuf.DELETEALL;
//COMMIT;

IF TDocType=1 THEN BEGIN
IF QtyPerLine < 0 THEN

```

Changes in function → AvaCheckTaxReqd

Old code

```

Status:=TRUE;
Avaconfig.RESET;Avaconfig.FINDFIRST;
IF (Avaconfig."Disable Tax Calc.") THEN
EXIT (FALSE);

IF iSalesHeaderType=0 THEN
IAvaHeadNo:='QUO' + iSalesHeaderNo
ELSE IF iSalesHeaderType=1 THEN
IAvaHeadNo:='ORD' + iSalesHeaderNo
ELSE IF iSalesHeaderType=2 THEN
IAvaHeadNo:='INV' + iSalesHeaderNo
ELSE IF iSalesHeaderType=3 THEN
IAvaHeadNo:='CRM' + iSalesHeaderNo
ELSE IF iSalesHeaderType=4 THEN
IAvaHeadNo:='BLC' + iSalesHeaderNo
ELSE IF iSalesHeaderType=5 THEN
IAvaHeadNo:='RET' + iSalesHeaderNo;

```

```
IF Avaconfig."Enable AsynchronousAvaTax Post" THEN BEGIN
```

New code

```
Status:=TRUE;
  Avaconfig.RESET;Avaconfig.FINDFIRST;
  IF (Avaconfig."Disable Tax Calc.") THEN
    EXIT (FALSE);

  CASE iSalesHeaderType OF
    0 : lAvaHeadNo:='QUO' + iSalesHeaderNo;
    1 : lAvaHeadNo:='ORD' + iSalesHeaderNo;
    2 : lAvaHeadNo:='INV' + iSalesHeaderNo;
    3 : lAvaHeadNo:='CRM' + iSalesHeaderNo;
    4 : lAvaHeadNo:='BLC' + iSalesHeaderNo;
    5 : lAvaHeadNo:='RET' + iSalesHeaderNo;
  END;

  IF Avaconfig."Enable AsynchronousAvaTax Post" THEN BEGIN
```

Changes in function → AvaServCheckTaxReqd

Old code

```
Status:=TRUE;
Avaconfig.RESET;Avaconfig.FINDFIRST;
IF (Avaconfig."Disable Tax Calc.") THEN
  EXIT (FALSE);

IF iServiceHeaderType=0 THEN
  lAvaHeadNo:='SERQUO' + iServiceHeaderNo
ELSE IF iServiceHeaderType=1 THEN
  lAvaHeadNo:='SERORD' + iServiceHeaderNo
ELSE IF iServiceHeaderType=2 THEN
  lAvaHeadNo:='SERINV' + iServiceHeaderNo
ELSE IF iServiceHeaderType=3 THEN
  lAvaHeadNo:='SERCRM' + iServiceHeaderNo;

IF AvaReleaseStatusFlag THEN BEGIN
```

New code

```
Status:=TRUE;
Avaconfig.RESET;Avaconfig.FINDFIRST;
IF (Avaconfig."Disable Tax Calc.") THEN
  EXIT (FALSE);

CASE iServiceHeaderType OF
  0 : lAvaHeadNo:='SERQUO' + iServiceHeaderNo;
  1 : lAvaHeadNo:='SERORD' + iServiceHeaderNo;
  2 : lAvaHeadNo:='SERINV' + iServiceHeaderNo;
  3 : lAvaHeadNo:='SERCRM' + iServiceHeaderNo;
END;

IF AvaReleaseStatusFlag THEN BEGIN
```

Changes in function → AvaDocNumSales

Old code

```

IF FORMAT(SalesHeader."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN
  IF SalesHeader."Document Type" = SalesHeader."Document Type"::Quote THEN
    AvaDocNoSales:='QUO' + SalesHeader."No."
  ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::Order THEN
    AvaDocNoSales:='ORD' + SalesHeader."No."
  ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::Invoice THEN
    AvaDocNoSales:='INV' + SalesHeader."No."
  ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::"Credit Memo" THEN
    AvaDocNoSales:='CRM' + SalesHeader."No."
  ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::"Blanket Order" THEN
    AvaDocNoSales:='BLC' + SalesHeader."No."
  ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::"Return Order" THEN
    AvaDocNoSales:='RET' + SalesHeader."No.";

  AvaHeadChk.RESET;

```

New code

```

IF FORMAT(SalesHeader."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN

CASE SalesHeader."Document Type" OF
  SalesHeader."Document Type"::Quote      : AvaDocNoSales:='QUO' + SalesHeader."No.";
  SalesHeader."Document Type"::Order      : AvaDocNoSales:='ORD' + SalesHeader."No.";
  SalesHeader."Document Type"::Invoice    : AvaDocNoSales:='INV' + SalesHeader."No.";
  SalesHeader."Document Type"::"Credit Memo" : AvaDocNoSales:='CRM' + SalesHeader."No.";
  SalesHeader."Document Type"::"Blanket Order" : AvaDocNoSales:='BLC' + SalesHeader."No.";
  SalesHeader."Document Type"::"Return Order" : AvaDocNoSales:='RET' + SalesHeader."No.";
END;

  AvaHeadChk.RESET;

```

Changes in function → *AvaDocNumServ*

Old code

```

IF Avaconfig.FINDFIRST THEN BEGIN
  IF FORMAT(ServHeader."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN
    IF ServHeader."Document Type" = ServHeader."Document Type"::Quote THEN
      AvaDocNoServ:='SERQUO' + ServHeader."No."
    ELSE IF ServHeader."Document Type" = ServHeader."Document Type"::Order THEN
      AvaDocNoServ:='SERORD' + ServHeader."No."
    ELSE IF ServHeader."Document Type" = ServHeader."Document Type"::Invoice THEN
      AvaDocNoServ:='SERINV' + ServHeader."No."
    ELSE IF ServHeader."Document Type" = ServHeader."Document Type"::"Credit Memo" THEN
      AvaDocNoServ:='SERCRM' + ServHeader."No.";

    AvaHeadChk.RESET;

```

New code

```

IF Avaconfig.FINDFIRST THEN BEGIN
  IF FORMAT(ServHeader."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN

CASE ServHeader."Document Type" OF
  ServHeader."Document Type"::Quote      : AvaDocNoServ:='SERQUO' + ServHeader."No.";
  ServHeader."Document Type"::Order      : AvaDocNoServ:='SERORD' + ServHeader."No.";
  ServHeader."Document Type"::Invoice    : AvaDocNoServ:='SERINV' + ServHeader."No.";
  ServHeader."Document Type"::"Credit Memo" : AvaDocNoServ:='SERCRM' + ServHeader."No.";
END;

```

```
AvaHeadChk.RESET;
```

Changes in function → AvaDocNumSalesLine

Old code

```
IF Avaconfig.FINDFIRST THEN BEGIN
  IF FORMAT(SalesLine."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN
    IF SalesLine."Document Type" = SalesLine."Document Type"::Quote THEN
      AvaDocNoSales:='QUO' + SalesLine."Document No."
    ELSE IF SalesLine."Document Type" = SalesLine."Document Type"::Order THEN
      AvaDocNoSales:='ORD' + SalesLine."Document No."
    ELSE IF SalesLine."Document Type" = SalesLine."Document Type"::Invoice THEN
      AvaDocNoSales:='INV' + SalesLine."Document No."
    ELSE IF SalesLine."Document Type" = SalesLine."Document Type"::"Credit Memo" THEN
      AvaDocNoSales:='CRM' + SalesLine."Document No."
    ELSE IF SalesLine."Document Type" = SalesLine."Document Type"::"Blanket Order" THEN
      AvaDocNoSales:='BLC' + SalesLine."Document No."
    ELSE IF SalesLine."Document Type" = SalesLine."Document Type"::"Return Order" THEN
      AvaDocNoSales:='RET' + SalesLine."Document No.";
  
```

AvaHeadChk.RESET;

New code

```
IF Avaconfig.FINDFIRST THEN BEGIN
  IF FORMAT(SalesLine."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN

    CASE SalesLine."Document Type" OF
      SalesLine."Document Type"::Quote : AvaDocNoSales:='QUO' + SalesLine."Document No.";
      SalesLine."Document Type"::Order : AvaDocNoSales:='ORD' + SalesLine."Document No.";
      SalesLine."Document Type"::Invoice : AvaDocNoSales:='INV' + SalesLine."Document No.";
      SalesLine."Document Type"::"Credit Memo" : AvaDocNoSales:='CRM' + SalesLine."Document No.";
      SalesLine."Document Type"::"Blanket Order" : AvaDocNoSales:='BLC' + SalesLine."Document No.";
      SalesLine."Document Type"::"Return Order" : AvaDocNoSales:='RET' + SalesLine."Document No.";
    END;
  
```

AvaHeadChk.RESET;

Changes in function → AvaDocNumServLine

Old code

```
IF Avaconfig.FINDFIRST THEN BEGIN
  IF FORMAT(ServLine."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN
    IF ServLine."Document Type" = ServLine."Document Type"::Quote THEN
      AvaDocNoServ:='SERQUO' + ServLine."Document No."
    ELSE IF ServLine."Document Type" = ServLine."Document Type"::Order THEN
      AvaDocNoServ:='SERORD' + ServLine."Document No."
    ELSE IF ServLine."Document Type" = ServLine."Document Type"::Invoice THEN
      AvaDocNoServ:='SERINV' + ServLine."Document No."
    ELSE IF ServLine."Document Type" = ServLine."Document Type"::"Credit Memo" THEN
      AvaDocNoServ:='SERCRM' + ServLine."Document No.";
  
```

AvaHeadChk.RESET;

New code

```
IF Avaconfig.FINDFIRST THEN BEGIN
```



```
IF FORMAT(ServLine."Tax Area Code",6) = FORMAT(Avaconfig."Tax Group No.",6) THEN BEGIN
```

```
CASE ServLine."Document Type" OF
```

```
ServLine."Document Type"::Quote : AvaDocNoServ:='SERQUO' + ServLine."Document No.";
ServLine."Document Type"::Order : AvaDocNoServ:='SERORD' + ServLine."Document No.";
ServLine."Document Type"::Invoice : AvaDocNoServ:='SERINV' + ServLine."Document No.";
ServLine."Document Type"::"Credit Memo" : AvaDocNoServ:='SERCRM' + ServLine."Document No.";
END;
```

```
AvaHeadChk.RESET;
```

Changes in function → *AvaDeleteTablesSales*

Old code

```
IF Avaconfig.FINDFIRST THEN BEGIN
```

```
IF SalesHeader."Document Type" = SalesHeader."Document Type"::Quote THEN
```

```
AvaDocNoSales:='QUO' + SalesHeader."No."
```

```
ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::Order THEN
```

```
AvaDocNoSales:='ORD' + SalesHeader."No."
```

```
ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::Invoice THEN
```

```
AvaDocNoSales:='INV' + SalesHeader."No."
```

```
ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::"Credit Memo" THEN
```

```
AvaDocNoSales:='CRM' + SalesHeader."No."
```

```
ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::"Blanket Order" THEN
```

```
AvaDocNoSales:='BLC' + SalesHeader."No."
```

```
ELSE IF SalesHeader."Document Type" = SalesHeader."Document Type"::"Return Order" THEN
```

```
AvaDocNoSales:='RET' + SalesHeader."No.";
```

```
AvaHeadChk.RESET;
```

New code

```
IF Avaconfig.FINDFIRST THEN BEGIN
```

```
CASE SalesHeader."Document Type" OF
```

```
SalesHeader."Document Type"::Quote : AvaDocNoSales:='QUO' + SalesHeader."No.";
```

```
SalesHeader."Document Type"::Order : AvaDocNoSales:='ORD' + SalesHeader."No.";
```

```
SalesHeader."Document Type"::Invoice : AvaDocNoSales:='INV' + SalesHeader."No.";
```

```
SalesHeader."Document Type"::"Credit Memo" : AvaDocNoSales:='CRM' + SalesHeader."No.";
```

```
SalesHeader."Document Type"::"Blanket Order" : AvaDocNoSales:='BLC' + SalesHeader."No.";
```

```
SalesHeader."Document Type"::"Return Order" : AvaDocNoSales:='RET' + SalesHeader."No.";
```

```
END;
```

```
AvaHeadChk.RESET;
```

Changes in function → *AvaDeleteTablesServ*

Old code

```
IF Avaconfig.FINDFIRST THEN BEGIN
```

```
IF ServHeader."Document Type" = ServHeader."Document Type"::Quote THEN
```

```
AvaDocNoServ:='SERQUO' + ServHeader."No."
```

```
ELSE IF ServHeader."Document Type" = ServHeader."Document Type"::Order THEN
```

```
AvaDocNoServ:='SERORD' + ServHeader."No."
```

```
ELSE IF ServHeader."Document Type" = ServHeader."Document Type"::Invoice THEN
```

```
AvaDocNoServ:='SERINV' + ServHeader."No."
```

```
ELSE IF ServHeader."Document Type" = ServHeader."Document Type"::"Credit Memo" THEN
```

```
AvaDocNoServ:='SERCRM' + ServHeader."No.";
```

```
AvaHeadChk.RESET;
```

New code

```
IF Avaconfig.FINDFIRST THEN BEGIN
CASE ServHeader."Document Type" OF
  ServHeader."Document Type"::Quote : AvaDocNoServ:='SERQUO' + ServHeader."No.";
  ServHeader."Document Type"::Order : AvaDocNoServ:='SERORD' + ServHeader."No.";
  ServHeader."Document Type"::Invoice : AvaDocNoServ:='SERINV' + ServHeader."No.";
  ServHeader."Document Type"::"Credit Memo" : AvaDocNoServ:='SERCRM' + ServHeader."No.";
END;

AvaHeadChk.RESET;
```

Object Codeunit 14073310 AVA Validate Call

Change in Version List of objects:

Old Value	:	AVA7.08.05.00
New Value	:	AVA7.08.05.01

Changes in Global variables

Remove existing variable:

AvaTempReleaseStateBuf - Record - 14073510

Change to function → AvaGetTaxOrder

Remove lines marked in Red

```

IF NOT (SalesHead.Status = SalesHead.Status::Released) THEN BEGIN
  IF NOT(SALES_TO_POST) THEN
    Result:=AvaTaxEngine.fnCalcTax(DocNum,DocType,AvaDocTypeTax)
  ELSE
    Result:=TRUE;
  IF AvaRelStateBuf.FIND('-') THEN BEGIN
    AvaRelStateBuf.DELETE;
    COMMIT;
    END;
  END ELSE BEGIN

```

Change to function → AvaGetTaxOrderPost

Remove lines marked in Red

```

IF NOT(SALES_TO_POST) THEN
  Result:=AvaTaxEngine.fnCalcTax(DocNum,DocType,TmpDocTypePost)
ELSE
  Result:=TRUE;
  IF AvaRelStateBuf.FIND('-') THEN BEGIN
    AvaRelStateBuf.DELETE;
    COMMIT;
    END;
  BEGIN
    AvaHead.SETRANGE(AvaHead."Document No.",DocNumPre);

```

Change to function → OnRelease

Old Code

```

AvaConfig.RESET;
IF AvaConfig.FINDFIRST THEN;

IF AvaConfig.FINDFIRST THEN BEGIN
  IF ((AvaConfig.Services MOD 100)/10) >= 1 THEN BEGIN
    IF AvaRelStateBuf.FIND('-') THEN BEGIN
      AvaRelStateBuf.DELETE;
      COMMIT;
      END;
    AvaRelStateBuf.INIT;
    AvaRelStateBuf.VALIDATE(AvaRelStateBuf."Release State", TRUE);
    AvaRelStateBuf.INSERT();

    IF SalesLines1.Type <> SalesLines1.Type::" " THEN

```

New Code

```

AvaConfig.RESET;
IF AvaConfig.FINDFIRST THEN;

IF AvaConfig.FINDFIRST THEN BEGIN
  IF ((AvaConfig.Services MOD 100)/10) >= 1 THEN BEGIN
    AvaTaxEngine.AvaSetFlagStatReleaseFn;
    IF SalesLines1.Type <> SalesLines1.Type::" " THEN

```

*Change to function → OnReleaseBatch***Old Code**

```

IF NOT(AvaCheckInstStatus) THEN
  EXIT(FALSE);

IF AvaConfig.FINDFIRST THEN BEGIN
  IF ((AvaConfig.Services MOD 100)/10) >= 1 THEN BEGIN
    IF AvaRelStateBuf.FIND('-') THEN BEGIN
    AvaRelStateBuf.DELETE;
    COMMIT;
    END;
    AvaRelStateBuf.INIT;
    AvaRelStateBuf.VALIDATE(AvaRelStateBuf."Release State", TRUE);
    AvaRelStateBuf.INSERT();

    SalesLines1.SETRANGE(SalesLines1."Document Type",SalesHead1."Document Type");

```

New Code

```

IF NOT(AvaCheckInstStatus) THEN
  EXIT(FALSE);

IF AvaConfig.FINDFIRST THEN BEGIN
  IF ((AvaConfig.Services MOD 100)/10) >= 1 THEN BEGIN
    AvaTaxEngine.AvaSetFlagStatReleaseFn;
    SalesLines1.SETRANGE(SalesLines1."Document Type",SalesHead1."Document Type");

```

Object Page 14073400 AVA Configuration Card*Change in Version List of objects:*

Old Value	:	AVA7.08.05.00
New Value	:	AVA7.08.05.01

Changes in Variable

Text14073211	:	TextConst	NAV 7.10.35473.05.01
---------------------	---	------------------	-----------------------------

Object OBJECT Page 14073523 AVA Reconciliation*Change in Version List of objects:*

Old Value	:	AVA7.08.05.00
New Value	:	AVA7.08.05.01

Change in function → FnConnect

Old Value

oTaxSvc.Profile.Client:='NAV 7.10.35473.04.00';

New Value

oTaxSvc.Profile.Client:='NAV 7.10.35473.05.01';

Object Page 14073531 Asynchronous AvaTax Posting*Change in Version List of objects:*

Old Value	:	AVA7.08.05.00
New Value	:	AVA7.08.05.01

Change in Name of objects:

Old Value

OBJECT Page 14073531 Asynchronous AvaTax Posting
--

New value

OBJECT Page 14073531 AVA Asynchronous Posting
--