



Avalara AvaTax for Microsoft Dynamics NAV 2013 RTM

Specific Code Change Document

Version 01

Revision date: 6/3/15

Product release: Microsoft NAV 7.00.33781.05.01

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Changes in Avalara objects

Codeunit 14073301 AVA Tax Engine

Add new in Global variable:

RecCurrency : **Record** **Currency**

Changes in function → *fnCalcTax*

Modified Code (Search for 1st Line) changes highlighted in red Color

```

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

//AVANA7.00.05.00
IF SalesHead."Currency Code" = " THEN
  RecCurrency.InitRoundingPrecision
ELSE BEGIN
  SalesHead.TESTFIELD("Currency Factor");
  RecCurrency.GET(SalesHead."Currency Code");
  RecCurrency.TESTFIELD("Amount Rounding Precision");
END;

IF NOT AvaReleaseStatisticsBln THEN BEGIN
  IF Avaconfig."Statistics Quantity" = '1' THEN BEGIN
    LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") -
      ROUND((ROUND(ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00
    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
      IF SalesLine."Return Qty. to Receive" > 0 THEN
        LineAmtPassed:=ROUND(ROUND(SalesLine."Return Qty. to Receive"*UnitPrice,RecCurrency."Amount
Rounding Precision") -
          ROUND((ROUND(SalesLine."Return Qty. to Receive" * UnitPrice,RecCurrency."Amount
Rounding Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
          ,RecCurrency."Amount Rounding Precision",'<') //AVANA7.00.05.00
        ELSE
          LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision")
-
          ROUND((ROUND(ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
          ,RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00
        QtyPerLine:=SalesLine."Return Qty. to Receive";
      END ELSE BEGIN
        IF SalesLine."Qty. to Ship" > 0 THEN
          LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
            ROUND((ROUND(SalesLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
            ,RecCurrency."Amount Rounding Precision",'<') //AVANA7.00.05.00
          ELSE
            LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision")
-

```

```

ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Ship";
END;
END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
IF SalesLine."Qty. to Invoice" > 0 THEN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<') //AVANA7.00.05.00
ELSE
LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision") -
ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END ELSE BEGIN
IF Avaconfig."Release Quantity" = '1' THEN BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision") -
ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
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
IF SalesLine."Return Qty. to Receive" > 0 THEN
LineAmtPassed:=ROUND(ROUND(SalesLine."Return Qty. to Receive"*UnitPrice,RecCurrency."Amount
Rounding Precision") -
ROUND((ROUND(SalesLine."Return Qty. to Receive" * UnitPrice,RecCurrency."Amount
Rounding Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<') //AVANA7.00.05.00
ELSE
LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision")
-
ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Return Qty. to Receive";
END ELSE BEGIN
IF SalesLine."Qty. to Ship" > 0 THEN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
ROUND((ROUND(SalesLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<') //AVANA7.00.05.00
ELSE
LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision")
-
ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Ship";
END;
END ELSE IF Avaconfig."Release Quantity" = '3' THEN BEGIN
IF SalesLine."Qty. to Invoice" > 0 THEN

```

```

LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
    ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<') //AVANA7.00.05.00
ELSE
LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision") -
    ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END;

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;

```

Changes in function → fnCalcTax1

Modified Code (Search for 1st Line) changes highlighted in red Color

```

//AVANA7.00.05.00
IF SalesHead."Currency Code" = " THEN
RecCurrency.InitRoundingPrecision
ELSE BEGIN
SalesHead.TESTFIELD("Currency Factor");
RecCurrency.GET(SalesHead."Currency Code");
RecCurrency.TESTFIELD("Amount Rounding Precision");
END;

Avaconfig.FINDFIRST;
InvoiceFlag := Avaconfig.Invoice;
IF (SalesLine."Qty. Shipped Not Invoiced") <> 0 THEN BEGIN
IF InvoiceFlag THEN BEGIN
IF SalesLine."Qty. Shipped Not Invoiced" < SalesLine."Qty. to Invoice" THEN BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. Shipped Not Invoiced"*UnitPrice,RecCurrency."Amount
Rounding Precision") -
    ROUND((ROUND(SalesLine."Qty. Shipped Not Invoiced" * UnitPrice,RecCurrency."Amount
Rounding Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. Shipped Not Invoiced";
END
ELSE BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
    ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END
ELSE BEGIN
IF SalesLine."Qty. Shipped Not Invoiced" < SalesLine."Qty. to Invoice" THEN BEGIN

```

```

LineAmtPassed:=ROUND(ROUND(((SalesLine."Qty. Shipped Not Invoiced" + SalesLine."Qty. to
Ship")*UnitPrice),RecCurrency."Amount Rounding Precision") -
      ROUND((ROUND((SalesLine."Qty. Shipped Not Invoiced" + SalesLine."Qty. to Ship")*
UnitPrice,RecCurrency."Amount Rounding Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount
Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=(SalesLine."Qty. Shipped Not Invoiced")+(SalesLine."Qty. to Ship");
END
ELSE BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
      ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END
END;
END;
IF (SalesLine."Qty. Shipped Not Invoiced" = 0) AND (InvoiceFlag = FALSE) THEN BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
      ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END;

IF (SalesLine."Document Type" = SalesLine."Document Type" :: "Credit Memo") OR (SalesLine."Document Type" =
SalesLine."Document Type" :: "Return Order") THEN BEGIN
IF (SalesLine."Return Qty. Rcd. Not Invd.") <> 0 THEN BEGIN
Avaconfig.FINDFIRST;
InvoiceFlag := Avaconfig.Invoice;
IF InvoiceFlag THEN BEGIN
IF SalesLine."Return Qty. Rcd. Not Invd." < SalesLine."Qty. to Invoice" THEN BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine."Return Qty. Rcd. Not Invd."*UnitPrice,RecCurrency."Amount
Rounding Precision") -
      ROUND((ROUND(SalesLine."Return Qty. Rcd. Not Invd." * UnitPrice,RecCurrency."Amount
Rounding Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Return Qty. Rcd. Not Invd.";
END ELSE BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
      ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END ELSE BEGIN
IF SalesLine."Return Qty. Rcd. Not Invd." < SalesLine."Qty. to Invoice" THEN BEGIN
LineAmtPassed:=ROUND(ROUND((SalesLine."Return Qty. Rcd. Not Invd."+SalesLine."Return Qty. to
Receive")*UnitPrice,RecCurrency."Amount Rounding Precision") -
      ROUND((ROUND((SalesLine."Return Qty. Rcd. Not Invd." + SalesLine."Return Qty. to
Receive")* UnitPrice,RecCurrency."Amount Rounding Precision")
      * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=(SalesLine."Return Qty. Rcd. Not Invd.")+(SalesLine."Return Qty. to Receive");
END ELSE BEGIN

```

```

LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
    ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END
END;
END;
IF (SalesLine."Return Qty. Rcd. Not Invd." = 0) AND (InvoiceFlag=FALSE) THEN BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
    ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END;

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;
LineAmtPassed:= LineAmtPassed * -1;
END;

```

Changes in function → *fnCalcTaxBatch*

Modified Code (Search for 1st Line) changes highlighted in red Color

```

UnitPrice:=SalesLine."Unit Price";
fnGetItemDetails(SalesLine.Type,SalesLine."No.",SalesLine."Tax Group
Code",Ref1,Ref2,"G\LAccNo.",TaxibilityCode,UnitPrice);

Disc:=FALSE;
IF SalesLine."Inv. Discount Amount" <> 0 THEN
Disc:=TRUE
ELSE
Disc:=FALSE;
IF NOT (SalesHead.Ship AND SalesHead.Invoice) THEN BEGIN
//AVANA7.00.05.00
IF SalesHead."Currency Code" = " THEN
RecCurrency.InitRoundingPrecision
ELSE BEGIN
SalesHead.TESTFIELD("Currency Factor");
RecCurrency.GET(SalesHead."Currency Code");
RecCurrency.TESTFIELD("Amount Rounding Precision");
END;

IF NOT AvaReleaseStatisticsBln THEN BEGIN //CONNECT-1596
IF Avaconfig."Statistics Quantity" = '1' THEN BEGIN
LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision") -
    ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
QtyPerLine:=SalesLine.Quantity;
END ELSE IF Avaconfig."Statistics 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(ROUND(SalesLine."Return Qty. to Receive"*UnitPrice,RecCurrency."Amount
Rounding Precision") -
        ROUND((ROUND(SalesLine."Return Qty. to Receive" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=SalesLine."Return Qty. to Receive";
END ELSE BEGIN
    LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
        ROUND((ROUND(SalesLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=SalesLine."Qty. to Ship";
END;
END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
    LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
        ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=SalesLine."Qty. to Invoice";
END;
END ELSE BEGIN
    IF Avaconfig."Release Quantity" = '1' THEN BEGIN
        LineAmtPassed:=ROUND(ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision") -
            ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
        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(ROUND(SalesLine."Return Qty. to Receive"*UnitPrice,RecCurrency."Amount
Rounding Precision") -
                ROUND((ROUND(SalesLine."Return Qty. to Receive" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
            QtyPerLine:=SalesLine."Return Qty. to Receive";
        END ELSE BEGIN
            LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
                ROUND((ROUND(SalesLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
            QtyPerLine:=SalesLine."Qty. to Ship";
        END;
    END ELSE IF Avaconfig."Release Quantity" = '3' THEN BEGIN
        LineAmtPassed:=ROUND(ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
            ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
        QtyPerLine:=SalesLine."Qty. to Invoice";
    END;
END;
END;
END;

```



```

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;
  LineAmtPassed:= LineAmtPassed * -1;
END;

```

Changes in function → fnObjToTbl

Modified Code (Search for 1st Line) changes highlighted in red Color

```

AvaLine."Tax Area" := 'AVATAX';

IF NOT(COPYSTR(AvaHead."Document No.",1,3) = 'SER') THEN BEGIN
  SalesLine.SETRANGE(SalesLine."Document No.",COPYSTR(AvaHead."Document No.",4,100));
  SalesLine.SETFILTER(SalesLine."Line No.",oTaxLine.No);
  SalesLine.SETFILTER("Document Type",DocumentType);
  SalesLine.SETRANGE("Document Type",SalesOrderHdr."Document Type");
  IF SalesLine.FINDFIRST THEN BEGIN
    AvaLine."Tax Area" := SalesLine."Tax Area Code";
    SalesLine."Amount Including VAT" := AvaLine."Tax Tax Amount" + AvaLine."Total Taxable Amount";

    //AVANA7.00.05.00 start
    IF SalesOrderHdr."Currency Code" = " THEN
      RecCurrency.InitRoundingPrecision
    ELSE BEGIN
      SalesOrderHdr.TESTFIELD("Currency Factor");
      RecCurrency.GET(SalesOrderHdr."Currency Code");
      RecCurrency.TESTFIELD("Amount Rounding Precision");
    END;
    IF (SalesLine."Prepayment %" > 0) AND (AvaLine."Tax Tax Amount" > 0) THEN
      SalesLine."VAT %" := AvaLine."Tax Rate" * 100;
      SalesLine."Prepmt. Line Amount" := ROUND((SalesLine."Prepayment %" * SalesLine."Line Amount") /
100,RecCurrency."Amount Rounding Precision");

      PrepLineAmt := AvaLine."Total Taxable Amount" + AvaLine."Tax Tax Amount" + AvaLine."Tax Exempt
Amount" + AvaLine."Tax Discount Amount";
      IF SalesOrderHdr."Prepmt. Include Tax" THEN
        SalesLine."Prepmt. Amt. Incl. VAT" := ROUND((SalesLine."Prepayment %" * PrepLineAmt) /
100,RecCurrency."Amount Rounding Precision")
      ELSE
        SalesLine."Prepmt. Amt. Incl. VAT" := SalesLine."Prepmt. Line Amount";
        SalesLine."Prepayment Amount" := SalesLine."Prepmt. Amt. Incl. VAT";
        //AVANA7.00.05.00 end
        SalesLine.MODIFY;
      END ELSE BEGIN

```

Changes in function → fnServiceCalcTax

Modified Code (Search for 1st Line) changes highlighted in red Color

```

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

//AVANA7.00.05.00
IF ServiceHead."Currency Code" = " THEN

```

```

    RecCurrency.InitRoundingPrecision
ELSE BEGIN
    ServiceHead.TESTFIELD("Currency Factor");
    RecCurrency.GET(ServiceHead."Currency Code");
    RecCurrency.TESTFIELD("Amount Rounding Precision");
END;

IF Avaconfig."Statistics Quantity" = '1' THEN BEGIN
    LineAmtPassed:=ROUND(ROUND(ServiceLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision")
-
        ROUND((ROUND(ServiceLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
        ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    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(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
            ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
            ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
        QtyPerLine:=ServiceLine."Qty. to Invoice";
    END ELSE BEGIN
        LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
            ROUND((ROUND(ServiceLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
            ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
        QtyPerLine:=ServiceLine."Qty. to Ship";
    END;
END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
    LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
        ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
        ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=ServiceLine."Qty. to Invoice";
END;

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;

```

Changes in function → fnServiceCalcTax1

Modified Code (Search for 1st Line) changes highlighted in red Color

```

    Disc:=FALSE;
    IF ServiceLine."Inv. Discount Amount" <> 0 THEN
        Disc:=TRUE
    ELSE
        Disc:=FALSE;
    Avaconfig.FINDFIRST;
    InvoiceFlag := Avaconfig.Invoice;
    //AVANA7.00.05.00

```

```

IF ServiceHead."Currency Code" = " THEN
  RecCurrency.InitRoundingPrecision
ELSE BEGIN
  ServiceHead.TESTFIELD("Currency Factor");
  RecCurrency.GET(ServiceHead."Currency Code");
  RecCurrency.TESTFIELD("Amount Rounding Precision");
END;
IF (ServiceLine."Qty. Shipped Not Invoiced") <> 0 THEN BEGIN
  IF InvoiceFlag THEN BEGIN
    IF ServiceLine."Qty. Shipped Not Invoiced" < ServiceLine."Qty. to Invoice" THEN BEGIN
      LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. Shipped Not Invoiced"*UnitPrice,RecCurrency."Amount
Rounding Precision") -
        ROUND((ROUND(ServiceLine."Qty. Shipped Not Invoiced" * UnitPrice,RecCurrency."Amount
Rounding Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
        ,RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00
      QtyPerLine:=ServiceLine."Qty. Shipped Not Invoiced";
    END ELSE BEGIN
      LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
        ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
        ,RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00
      QtyPerLine:=ServiceLine."Qty. to Invoice";
    END;
  END ELSE BEGIN
    IF ServiceLine."Qty. Shipped Not Invoiced" < ServiceLine."Qty. to Invoice" THEN BEGIN
      LineAmtPassed:=ROUND(ROUND(((ServiceLine."Qty. Shipped Not Invoiced")+(ServiceLine."Qty. to
Ship"))*UnitPrice,RecCurrency."Amount Rounding Precision") -
        ROUND((ROUND((ServiceLine."Qty. Shipped Not Invoiced" + ServiceLine."Qty. to Ship") *
UnitPrice,RecCurrency."Amount Rounding Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount
Rounding Precision"),
        RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00
      QtyPerLine:=(ServiceLine."Qty. Shipped Not Invoiced")+(ServiceLine."Qty. to Ship");
    END ELSE BEGIN
      LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
        ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
        ,RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00
      QtyPerLine:=ServiceLine."Qty. to Invoice";
    END;
  END;
END;
IF (ServiceLine."Qty. Shipped Not Invoiced" = 0) THEN BEGIN
  LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
    ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00
  QtyPerLine:=ServiceLine."Qty. to Invoice";
END;

IF (ServiceLine."Document Type" = ServiceLine."Document Type" :: "Credit Memo") THEN BEGIN
  LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
    ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",'<'); //AVANA7.00.05.00

```

```

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

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;
  LineAmtPassed:= LineAmtPassed * -1;
END;

```

Changes in function → *fnServiceCalcTaxBatch*

Modified Code (Search for 1st Line) changes highlighted in red Color

```

Disc:=FALSE;
IF SalesLine."Inv. Discount Amount" <> 0 THEN
  Disc:=TRUE
ELSE
  Disc:=FALSE;
//AVANA7.00.05.00
IF SalesHead."Currency Code" = " THEN
  RecCurrency.InitRoundingPrecision
ELSE BEGIN
  SalesHead.TESTFIELD("Currency Factor");
  RecCurrency.GET(SalesHead."Currency Code");
  RecCurrency.TESTFIELD("Amount Rounding Precision");
END;
IF NOT (SalesHead.Ship AND SalesHead.Invoice) THEN BEGIN
  IF NOT AvaReleaseStatisticsBln THEN BEGIN //CONNECT-1596
    IF Avaconfig."Statistics Quantity" = '1' THEN BEGIN
      LineAmtPassed:=ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision") -
        ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
      QtyPerLine:=SalesLine.Quantity;
    END ELSE IF Avaconfig."Statistics 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,RecCurrency."Amount Rounding
Precision") -
          ROUND((ROUND(SalesLine."Return Qty. to Receive" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
        QtyPerLine:=SalesLine."Return Qty. to Receive";
      END ELSE BEGIN
        LineAmtPassed:=ROUND(SalesLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding Precision") -
          ROUND((ROUND(SalesLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding Precision")
* SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
        QtyPerLine:=SalesLine."Qty. to Ship";
      END;
    END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
      LineAmtPassed:=ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding Precision") -
        ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
      QtyPerLine:=SalesLine."Qty. to Invoice";
    END;
  END ELSE BEGIN
    IF Avaconfig."Release Quantity" = '1' THEN BEGIN
      LineAmtPassed:=ROUND(SalesLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision") -

```

```

        ROUND((ROUND(SalesLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
        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,RecCurrency."Amount Rounding
Precision") -
                    ROUND((ROUND(SalesLine."Return Qty. to Receive" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
                QtyPerLine:=SalesLine."Return Qty. to Receive";
            END ELSE BEGIN
                LineAmtPassed:=ROUND(SalesLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding Precision") -
                    ROUND((ROUND(SalesLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding Precision")
* SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
                QtyPerLine:=SalesLine."Qty. to Ship";
            END;
        END ELSE IF Avaconfig."Release Quantity" = '3' THEN BEGIN
            LineAmtPassed:=ROUND(SalesLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding Precision") -
                ROUND((ROUND(SalesLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * SalesLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
            QtyPerLine:=SalesLine."Qty. to Invoice";
        END;
    END;
END;
END;

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;
            LineAmtPassed:= LineAmtPassed * -1;
        END;
    END;

```

Changes in function → fnServCalcTaxBatch

Modified Code (Search for 1st Line) changes highlighted in red Color

```

    Disc:=FALSE;
    IF ServiceLine."Inv. Discount Amount" <> 0 THEN
        Disc:=TRUE
    ELSE
        Disc:=FALSE;
    //AVANA7.00.05.00
    IF ServiceHead."Currency Code" = " THEN
        RecCurrency.InitRoundingPrecision
    ELSE BEGIN
        ServiceHead.TESTFIELD("Currency Factor");
        RecCurrency.GET(ServiceHead."Currency Code");
        RecCurrency.TESTFIELD("Amount Rounding Precision");
    END;
    IF NOT AvaReleaseStatisticsBln THEN BEGIN //CONNECT-1596
        IF Avaconfig."Statistics Quantity" = '1' THEN BEGIN
            LineAmtPassed:=ROUND(ROUND(ServiceLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision")
-
                ROUND((ROUND(ServiceLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision")
* ServiceLine."Line Discount %")/100,RecCurrency."Amount Rounding Precision"),
                RecCurrency."Amount Rounding Precision",<); //AVANA7.00.05.00
            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(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
      ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %)/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=ServiceLine."Qty. to Invoice";
  END ELSE BEGIN
    LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
      ROUND((ROUND(ServiceLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %)/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=ServiceLine."Qty. to Ship";
  END;
END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
  LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
    ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %)/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
  QtyPerLine:=ServiceLine."Qty. to Invoice";
END;

END ELSE BEGIN
  IF Avaconfig."Release Quantity" = '1' THEN BEGIN
    LineAmtPassed:=ROUND(ROUND(ServiceLine.Quantity*UnitPrice,RecCurrency."Amount Rounding Precision")
-
    ROUND((ROUND(ServiceLine.Quantity * UnitPrice,RecCurrency."Amount Rounding Precision") *
ServiceLine."Line Discount %)/100,RecCurrency."Amount Rounding Precision")
    ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    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(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
        ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %)/100,RecCurrency."Amount Rounding Precision")
        ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
      QtyPerLine:=ServiceLine."Qty. to Invoice";
    END ELSE BEGIN
      LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Ship"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
        ROUND((ROUND(ServiceLine."Qty. to Ship" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %)/100,RecCurrency."Amount Rounding Precision")
        ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
      QtyPerLine:=ServiceLine."Qty. to Ship";
    END;
  END ELSE IF Avaconfig."Release Quantity" = '3' THEN BEGIN
    LineAmtPassed:=ROUND(ROUND(ServiceLine."Qty. to Invoice"*UnitPrice,RecCurrency."Amount Rounding
Precision") -
      ROUND((ROUND(ServiceLine."Qty. to Invoice" * UnitPrice,RecCurrency."Amount Rounding
Precision") * ServiceLine."Line Discount %)/100,RecCurrency."Amount Rounding Precision")
      ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=ServiceLine."Qty. to Invoice";
  END;
END;

```

```
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;
    LineAmtPassed:= LineAmtPassed * -1;
END;
```