



# Avalara AvaTax for Microsoft Dynamics NAV 2013 RTM

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## Specific Code Change Document

Version 01

Revision date: 1/25/16

Release: Microsoft NAV 7.00.33781.05.05

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**Release: Microsoft NAV 7.00.33781.05.01****Details**

Fixed the warning message displayed during transaction posting when the **Quantity at Release** or **Quantity at Statistics** is set to the **Quantity to Invoice** and the transaction line **Unit Price** and the **Discount** have decimal values

**Codeunit 14073301 AVA Tax Engine**

*Add new in Global variable:*

**RecCurrency : Record Currency**

*Changes in function → fnCalcTax*

Modified Code (Search for 1<sup>st</sup> 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(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(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 1<sup>st</sup> 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;
    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 1<sup>st</sup> 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

```





```

                ,RecCurrency."Amount Rounding Precision",<'); //AVANA7.00.05.00
    QtyPerLine:=SalesLine."Qty. to Invoice";
    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;
    END;

```

### Changes in function → fnObjToTbl

Modified Code (Search for 1<sup>st</sup> 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 1<sup>st</sup> 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;
  END;

```

*Changes in function → fnServiceCalcTax1*

Modified Code (Search for 1<sup>st</sup> Line) changes highliighted 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;
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;
  END;

```

### Changes in function → fnServiceCalcTaxBatch

Modified Code (Search for 1<sup>st</sup> 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 AvaReleaseStatisticsBIn 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;
    END;

```

### Changes in function → fnServCalcTaxBatch

Modified Code (Search for 1<sup>st</sup> 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;  
END;
```

**Release: Microsoft NAV 7.00.33781.05.02****Details**

Fixed the warning message displayed during transaction posting when **At Order Release** was configured to **Quantity to Invoice** or **Quantity to Ship** and the transaction **Quantity** was 0.

**Codeunit 14073301 AVA Tax Engine**

*Changes in function → fnCalcTax*

Modified Code (Search for 1<sup>st</sup> Line) changes highlighted in red Color

```

IF STRLEN(FromAddress)>0 THEN  AvaAddrSeparator:=',';

AVAAddrLatLongFlag:=FALSE;
IF AvaReleaseStatusFlag THEN BEGIN
  IF (Avaconfig."Release Quantity" = '3') THEN BEGIN
    AvaCallGetTax := FALSE;
    AvaHead.SETFILTER("Document No.",'%1','*'+SalesHead."No."+'*');
    AvaHead.SETRANGE("Document Type",FORMAT(SalesHead."Document Type"));
    IF AvaHead.FINDFIRST AND (AvaHead."Company ID" <> "") THEN BEGIN
      IF SalesHead."Document Type" = SalesHead."Document Type"::Quote THEN
        AvaCallGetTax := TRUE;
      IF AvaCallGetTax = FALSE THEN IF (SalesHead."Document Type" <> SalesHead."Document Type"::Quote)
THEN
        IF AvaHead."Document Status" = 0 THEN AvaCallGetTax := TRUE;

        IF AvaCallGetTax = FALSE THEN IF (AvaHead."Original Address" <> FromAddress) THEN AvaCallGetTax
:= TRUE;

        IF AvaCallGetTax = FALSE THEN IF (AvaHead."Destination Address" <> ToAddress) THEN
AvaCallGetTax := TRUE;

        IF AvaCallGetTax = FALSE THEN IF (AvaHead."Customer No." <> SalesHead."Sell-to Customer No.")
THEN AvaCallGetTax := TRUE;
        IF AvaCallGetTax = FALSE THEN IF (AvaHead."Document Date" <> SalesHead."Document Date") THEN
AvaCallGetTax := TRUE;
        IF AvaCallGetTax = FALSE THEN IF (AvaHead."Exemption No." <> ExemptionNo) THEN
AvaCallGetTax:= TRUE;
        SalesHead.CALCFIELDS(SalesHead.Amount);
        IF AvaCallGetTax = FALSE THEN IF ((AvaHead."Total Taxable Amount" + AvaHead."Tax Exempt
Amount") <> SalesHead.Amount) THEN AvaCallGetTax:= TRUE;

        IF AvaCallGetTax = FALSE THEN BEGIN
          SalesLine.SETRANGE("Document Type",SalesHead."Document Type");
          SalesLine.SETRANGE("Document No.",SalesHead."No.");
          SalesLine.SETFILTER(Type,'<>%1',SalesLine.Type::" ");

          SalesLine.CALCSUMS("Inv. Discount Amount");
          IF AvaCallGetTax = FALSE THEN IF SalesLine."Inv. Discount Amount" <> AvaHead."Tax Discount
Amount" THEN AvaCallGetTax:= TRUE;

          //SalesLine.SETFILTER("Qty. to Invoice",<>0'); //AVANA7.00.05.02
          SalesLine.SETFILTER("Qty. to Invoice",>=0'); //AVANA7.00.05.02
          IF SalesLine.FINDFIRST THEN BEGIN
            REPEAT
              AvaLine.RESET;

```



```

AvaLine.SETRANGE("Tax Header No.",AvaHead."No.");
AvaLine.SETRANGE("Tax Line No.",FORMAT(SalesLine."Line No."));
AvaLine.SETRANGE("Item No.",FORMAT(SalesLine."No."));
IF AvaLine.FINDFIRST THEN BEGIN
    IF AvaCallGetTax = FALSE THEN IF (AvaLine."Entity No." <> EntityUseCode) THEN
AvaCallGetTax:= TRUE;

```

### Modified Code (Search for 1<sup>st</sup> 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(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
            //AVANA7.00.05.02 Start
            //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
            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",<');
            //AVANA7.00.05.02 end
            QtyPerLine:=SalesLine."Return Qty. to Receive";
        END ELSE BEGIN
            //AVANA7.00.05.02 Start
            //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
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",<');
//AVANA7.00.05.02 END
QtyPerLine:=SalesLine."Qty. to Ship";
END;
END ELSE IF Avaconfig."Statistics Quantity" = '3' THEN BEGIN
//AVANA7.00.05.02 Start
//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
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",<');
//AVANA7.00.05.02 END
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
//AVANA7.00.05.02 start
//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
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",'<');
//AVANA7.00.05.02 end
QtyPerLine:=SalesLine."Return Qty. to Receive";
END ELSE BEGIN
//AVANA7.00.05.02 start
//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
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",'<');
//AVANA7.00.05.02 end
QtyPerLine:=SalesLine."Qty. to Ship";
END;
END ELSE IF Avaconfig."Release Quantity" = '3' THEN BEGIN
//AVANA7.00.05.02 start
//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
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",'<');
//AVANA7.00.05.02 END
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 1<sup>st</sup> Line) changes highlighted in red Color

```

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; //AVANA7.00.05.02
      QtyPerLine:=QtyPerLine*-1; //AVANA7.00.05.02
    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,

```

## Release: Microsoft NAV 7.00.33781.05.03

### Details

Fixed the warning message displayed during transaction posting when **At Order Release** was configured to **Quantity to Invoice** or **Quantity to Ship** and the transaction **Quantity** was 0.

### OBJECT Page 6631 Sales Return Order Subform

*Changes in Trigger → OnDeleteRecord*

Old code

```
IF (Quantity <> 0) AND ItemExists("No.") THEN BEGIN
  COMMIT;
  IF NOT ReserveSalesLine.DeleteLineConfirm(Rec) THEN
    EXIT(FALSE);
  ReserveSalesLine.DeleteLine(Rec);
END;
AVATaxEngine.AvaDocNumSalesLine(Rec,FALSE)//Avalara
```

New code (Modified code marked in red color)

```
IF (Quantity <> 0) AND ItemExists("No.") THEN BEGIN
  COMMIT;
  IF NOT ReserveSalesLine.DeleteLineConfirm(Rec) THEN
    EXIT(FALSE);
  ReserveSalesLine.DeleteLine(Rec);
END;
AVATaxEngine.AvaDocNumSalesLine(Rec,TRUE)//Avalara
```

## Release: Microsoft NAV 7.00.33781.05.04

### Details

Fixed the issue related to Ship-to Code on Sales Credit Memo & Return Order, user will now able to use Ship to Address for transaction tax calculation.

### Codeunit 14073301 AVA Tax Engine

#### Changes in function → *fnCalcTax*

New code (Search for below 1<sup>st</sup> line and Modified code marked in red color)

```

AvaWindowOpen(StrMessage);
"TmpL 1":=""; "TmpL 2":=""; "TmpL 3":=""; TmpCity:=""; TmpState:=""; TmpZip:=""; TmpCountry:=""; ResultText:="";
TmpTaxRegionID :=0;TmpLatitude:="";TmpLongitude:="";
TmpAddressSrc:=Text14073215;
IF (DocumentType = 'Credit Memo') OR (DocumentType = 'Return Order') THEN BEGIN
  IF SalesHead."Ship-to Code" = " THEN BEGIN //7.00.33781.05.04
    IF Avaconfig."Return Address" = '1' THEN BEGIN
      fnIsEmptyAddressRet(3,SalesHead,EntityUseCode);
      "TmpL 1":=SalesHead."Sell-to Address";
      "TmpL 2":=SalesHead."Sell-to Address 2";
      "TmpL 3":="";
      TmpCity:=SalesHead."Sell-to City";
      TmpState:=SalesHead."Sell-to County";
      TmpZip:=fnAVAPinCheck(SalesHead."Sell-to Post Code");
      TmpCountry:=FORMAT(SalesHead."Sell-to Country/Region Code");
    END ELSE IF Avaconfig."Return Address" = '2' THEN BEGIN
      fnIsEmptyAddressRet(2,SalesHead,EntityUseCode);
      "TmpL 1":=SalesHead."Bill-to Address";
      "TmpL 2":=SalesHead."Bill-to Address 2";
      "TmpL 3":="";
      TmpCity:=SalesHead."Bill-to City";
      TmpState:=SalesHead."Bill-to County";
      TmpZip:=fnAVAPinCheck(SalesHead."Bill-to Post Code");
      TmpCountry:=FORMAT(SalesHead."Bill-to Country/Region Code");
    END ELSE IF Avaconfig."Return Address" = '3' THEN BEGIN
      fnIsEmptyAddressRet(1,SalesHead,EntityUseCode);
      "TmpL 1":=SalesHead."Ship-to Address";
      "TmpL 2":=SalesHead."Ship-to Address 2";
      "TmpL 3":="";
      TmpCity:=SalesHead."Ship-to City";
      TmpState:=SalesHead."Ship-to County";
      TmpZip:=fnAVAPinCheck(SalesHead."Ship-to Post Code");
      TmpCountry:=FORMAT(SalesHead."Ship-to Country/Region Code");
    END;
  //7.00.33781.05.04 Start
  END
  ELSE BEGIN
    ShipToAddress.RESET;
    ShipToAddress.SETRANGE("Customer No.",SalesHead."Sell-to Customer No.");
    ShipToAddress.SETRANGE(Code,SalesHead."Ship-to Code");
    IF ShipToAddress.FINDFIRST THEN BEGIN
      "TmpL 1":=ShipToAddress.Address;
      "TmpL 2":=ShipToAddress."Address 2";
      "TmpL 3":="";
      TmpCity:=ShipToAddress.City;
      TmpState:=ShipToAddress.County;
      TmpZip:=fnAVAPinCheck(ShipToAddress."Post Code");
      TmpCountry:=FORMAT(ShipToAddress."Country/Region Code");
    END;
  END;
END;

```

```

END;
END;
//7.00.33781.05.04 End
END ELSE BEGIN
  IF fnIsEmptyAddress(1,SalesHead,EntityUseCode) THEN BEGIN
    TmpAddressSrc:=Text14073215;
  
```

### Changes in function → fnCalcTaxBatch

New code (Search for below 1<sup>st</sup> line and Modified code marked in red color)

```

IF NOT Avaconfig."Show Message Dialog" THEN
  Window.OPEN(StrMessage)
ELSE
  AvaWindowOpen(StrMessage);
"TmpL 1":=""; "TmpL 2":=""; "TmpL 3":=""; TmpCity:=""; TmpState:=""; TmpZip:=""; TmpCountry:=""; ResultText:="";
TmpTaxRegionID :=0;TmpLatitude:="";TmpLongitude:="";
TmpAddressSrc:=Text14073215;

IF (DocumentType = 'Credit Memo') OR (DocumentType = 'Return Order') THEN BEGIN
  IF SalesHead."Ship-to Code" = " THEN BEGIN //7.00.33781.05.04
    IF Avaconfig."Return Address" = '3' THEN BEGIN
      fnIsEmptyAddressRet(1,SalesHead,EntityUseCode);
      "TmpL 1":=SalesHead."Sell-to Address";
      "TmpL 2":=SalesHead."Sell-to Address 2";
      "TmpL 3":="";
      TmpCity:=SalesHead."Sell-to City";
      TmpState:=SalesHead."Sell-to County";
      TmpZip:=fnAVAPinCheck(SalesHead."Sell-to Post Code");
      TmpCountry:=FORMAT(SalesHead."Sell-to Country/Region Code");
    END ELSE IF Avaconfig."Return Address" = '2' THEN BEGIN
      fnIsEmptyAddressRet(2,SalesHead,EntityUseCode);
      "TmpL 1":=SalesHead."Bill-to Address";
      "TmpL 2":=SalesHead."Bill-to Address 2";
      "TmpL 3":="";
      TmpCity:=SalesHead."Bill-to City";
      TmpState:=SalesHead."Bill-to County";
      TmpZip:=fnAVAPinCheck(SalesHead."Bill-to Post Code");
      TmpCountry:=FORMAT(SalesHead."Bill-to Country/Region Code");
    END ELSE IF Avaconfig."Return Address" = '1' THEN BEGIN
      fnIsEmptyAddressRet(3,SalesHead,EntityUseCode);
      "TmpL 1":=SalesHead."Ship-to Address";
      "TmpL 2":=SalesHead."Ship-to Address 2";
      "TmpL 3":="";
      TmpCity:=SalesHead."Ship-to City";
      TmpState:=SalesHead."Ship-to County";
      TmpZip:=fnAVAPinCheck(SalesHead."Ship-to Post Code");
      TmpCountry:=FORMAT(SalesHead."Ship-to Country/Region Code");
    END;
  //7.00.33781.05.04 Start
  END
  ELSE BEGIN
    ShipToAddress.RESET;
    ShipToAddress.SETRANGE("Customer No.",SalesHead."Sell-to Customer No.");
    ShipToAddress.SETRANGE(Code,SalesHead."Ship-to Code");
    IF ShipToAddress.FINDFIRST THEN BEGIN
      "TmpL 1":=ShipToAddress.Address;
    
```

```
"TmpL 2":=ShipToAddress."Address 2";  
"TmpL 3":="";  
TmpCity:=ShipToAddress.City;  
TmpState:=ShipToAddress.County;  
TmpZip:=fnAVAPinCheck(ShipToAddress."Post Code");  
TmpCountry:=FORMAT(ShipToAddress."Country/Region Code");  
END;  
END;  
//7.00.33781.05.04 End  
END ELSE BEGIN  
  
IF fnIsEmptyAddress(1,SalesHead,EntityUseCode) THEN BEGIN  
  TmpAddressSrc:=Text14073215;
```



## Release: Microsoft NAV 7.00.33781.05.05

### Details

Fixed the issue related Credit Outstanding for Customer. On Sales Module, User can now able to receive messages / warning / error while using outstanding feature for customer on transaction

### Codeunit 14073301 AVA Tax Engine

*Changes in function → fnObjToTbl*

New code (Search for below 1<sup>st</sup> line and Modified code marked in red color)

```

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 //AVANA7.00.05.05
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

//AVANA7.00.05.05 Start
IF SalesLine."Document Type" IN [SalesLine."Document Type"::"Return Order",SalesLine."Document
Type"::"Credit Memo"] THEN BEGIN
SalesLine."Outstanding Quantity" := SalesLine.Quantity - SalesLine."Return Qty. Received";
SalesLine."Outstanding Qty. (Base)" := SalesLine."Quantity (Base)" - SalesLine."Return Qty. Received (Base)";
SalesLine."Return Qty. Rcd. Not Invd." := SalesLine."Return Qty. Received" - SalesLine."Quantity Invoiced";
SalesLine."Ret. Qty. Rcd. Not Invd.(Base)" := SalesLine."Return Qty. Received (Base)" - SalesLine."Qty. Invoiced
(Base)";
END ELSE BEGIN
SalesLine."Outstanding Quantity" := SalesLine.Quantity - SalesLine."Quantity Shipped";
SalesLine."Outstanding Qty. (Base)" := SalesLine."Quantity (Base)" - SalesLine."Qty. Shipped (Base)";
SalesLine."Qty. Shipped Not Invoiced" := SalesLine."Quantity Shipped" - SalesLine."Quantity Invoiced";
SalesLine."Qty. Shipped Not Invd. (Base)" := SalesLine."Qty. Shipped (Base)" - SalesLine."Qty. Invoiced (Base)";
END;
SalesLine."Completely Shipped" := (SalesLine.Quantity <> 0) AND (SalesLine."Outstanding Quantity" = 0);

```

```

    AmountInclVAT := ROUND( (SalesLine."Line Amount" + (SalesLine."Line Amount" * AvaLine."Tax Rate")) *
SalesLine."Outstanding Quantity" / SalesLine.Quantity
    ,RecCurrency."Amount Rounding Precision");
    SalesLine.VALIDATE("Outstanding Amount",AmountInclVAT);
    //AVANA7.00.05.05 End

    SalesLine.MODIFY;
END ELSE BEGIN
    SalesInvLine.SETRANGE(SalesInvLine."Document No.",COPYSTR(AvaHead."Document No.",4,100));
    SalesInvLine.SETFILTER(SalesInvLine."Line No.",oTaxLine.No);
    IF SalesInvLine.FINDFIRST THEN
        AvaLine."Tax Area" := SalesInvLine."Tax Area Code"
    ELSE BEGIN
        recObjPostedCrLine.SETRANGE(recObjPostedCrLine."Document No.",COPYSTR(AvaHead."Document
No.",4,100));
        recObjPostedCrLine.SETFILTER(recObjPostedCrLine."Line No.",oTaxLine.No);
        IF recObjPostedCrLine.FINDFIRST THEN
            AvaLine."Tax Area" := recObjPostedCrLine."Tax Area Code"
        END
    END
END ELSE BEGIN
    ServiceLine.SETRANGE(ServiceLine."Document No.",COPYSTR(AvaHead."Document No.",7,100));
    ServiceLine.SETFILTER(ServiceLine."Line No.",oTaxLine.No);
    ServiceLine.SETRANGE("Document Type",ServiceHeader."Document Type");
    IF ServiceLine.FINDFIRST THEN BEGIN
        AvaLine."Tax Area" := ServiceLine."Tax Area Code";
        ServiceLine."Amount Including VAT" := AvaLine."Tax Tax Amount" + AvaLine."Total Taxable Amount";
        //AVANA7.00.05.05 start
        IF ServiceHeader."Currency Code" = " THEN
            RecCurrency.InitRoundingPrecision
        ELSE BEGIN
            ServiceHeader.TESTFIELD("Currency Factor");
            RecCurrency.GET(ServiceHeader."Currency Code");
            RecCurrency.TESTFIELD("Amount Rounding Precision");
        END;
        ServiceLine."VAT %" := AvaLine."Tax Rate" * 100;

        IF ServiceLine."Document Type" = ServiceLine."Document Type>::"Credit Memo" THEN BEGIN
            ServiceLine."Outstanding Quantity" := ServiceLine.Quantity;
            ServiceLine."Outstanding Qty. (Base)" := ServiceLine."Quantity (Base)";
        END ELSE BEGIN
            ServiceLine."Outstanding Quantity" := ServiceLine.Quantity - ServiceLine."Quantity Shipped";
            ServiceLine."Outstanding Qty. (Base)" := ServiceLine."Quantity (Base)" - ServiceLine."Qty. Shipped (Base)";
            ServiceLine."Qty. Shipped Not Invoiced" := ServiceLine."Quantity Shipped" - ServiceLine."Quantity Invoiced" -
ServiceLine."Quantity Consumed";
            ServiceLine."Qty. Shipped Not Invd. (Base)" := ServiceLine."Qty. Shipped (Base)" - ServiceLine."Qty. Invoiced
(Base)" - ServiceLine."Qty. Consumed (Base)";
        END;
        ServiceLine."Completely Shipped" := (ServiceLine.Quantity <> 0) AND (ServiceLine."Outstanding Quantity" = 0);
        AmountInclVAT := ROUND( (ServiceLine."Line Amount" + (ServiceLine."Line Amount" * AvaLine."Tax Rate"))
* ServiceLine."Outstanding Quantity" / ServiceLine.Quantity
        ,RecCurrency."Amount Rounding Precision");
        ServiceLine.VALIDATE("Outstanding Amount",AmountInclVAT);
        //AVANA7.00.05.05 End

        ServiceLine.MODIFY;
    END ELSE BEGIN
        ServInvLine.SETRANGE(ServInvLine."Document No.",COPYSTR(AvaHead."Document No.",7,100));
        ServInvLine.SETFILTER(ServInvLine."Line No.",oTaxLine.No);

```

```

IF ServInvLine.FINDFIRST THEN BEGIN
  AvaLine."Tax Area" := ServInvLine."Tax Area Code";
END ELSE BEGIN
  ServCrMemoLine.SETRANGE(ServCrMemoLine."Document No.",COPYSTR(AvaHead."Document
No.",7,100));
  ServCrMemoLine.SETFILTER(ServCrMemoLine."Line No.",oTaxLine.No);
  IF ServCrMemoLine.FINDFIRST THEN
    AvaLine."Tax Area" := ServCrMemoLine."Tax Area Code"
  END;
END;
END;
IF BlnInsertLn THEN AvaLine.INSERT ELSE AvaLine.MODIFY;

```

## Codeunit 14073310 AVA Validate Call

*Changes in function → AvaGetTaxOrder*

New code (Search for below 1<sup>st</sup> line and Modified code marked in red color)

```

IF AvaGetTaxOrderPost() THEN BEGIN
  CASE DocType OF
    0,1,2,4: BEGIN TDocType := 1; Coefficient:= 1; END;
    3,5: BEGIN TDocType := 5; Coefficient:= -1; END;
  END;
  IF SalesLine.FINDFIRST THEN BEGIN
    REPEAT
      LAvaHead.SETRANGE("Document No.",DocNumPre);
      IF LAvaHead.FINDFIRST THEN BEGIN
        LAvaLine.SETRANGE("Tax Header No.",LAvaHead."No.");
        LAvaLine.SETRANGE("Tax Line No.",FORMAT(SalesLine."Line No."));
        IF LAvaLine.FINDFIRST THEN BEGIN
          IF AvaConfig.FINDFIRST THEN;
            //AVANA7.00.05.05 start
            //IF (AvaConfig."Enable Tax Amt Adj.") AND (LAvaLine."Item No."=TextSalesTaxAdjust) THEN BEGIN
            // SalesLine.Amount:=0;
            // SalesLine."VAT Base Amount":=LAvaLine."Total Taxable Amount";
            // SalesLine."Amount Including VAT" := SalesLine.Amount + LAvaLine."Tax Tax Amount";
            // SalesLine."VAT %":=0;
            // SalesLine."Line Amount":=0;
            //END ELSE BEGIN
            // SalesLine.VALIDATE(Amount, SalesLine."Line Amount" - SalesLine."Inv. Discount Amount");
            // SalesLine.VALIDATE("VAT Base Amount" , SalesLine.Amount);
            // SalesLine."Amount Including VAT" := SalesLine.Amount + LAvaLine."Tax Tax Amount";
            // IF LAvaLine."Total Taxable Amount" = 0 THEN
            //   SalesLine.VALIDATE("VAT %",0)
            // ELSE
            //   SalesLine.VALIDATE("VAT %" , ROUND((LAvaLine."Tax Tax Amount"/LAvaLine."Total Taxable
Amount")*100));
            //END;
            IF (AvaConfig."Enable Tax Amt Adj.") AND (LAvaLine."Item No."=TextSalesTaxAdjust) THEN BEGIN
              SalesLine.Amount:=0;
              SalesLine."VAT Base Amount":=LAvaLine."Total Taxable Amount";
              IF ((LAvaLine."Tax Tax Amount" + LAvaLine."Total Taxable Amount" + LAvaLine."Tax Exempt Amount")
<> 0) THEN
                SalesLine.VALIDATE("Amount Including VAT",LAvaLine."Tax Tax Amount" + LAvaLine."Total Taxable
Amount" + LAvaLine."Tax Exempt Amount");
              SalesLine."VAT %":=0;
              SalesLine."Line Amount":=0;
            END;

```

```

//AVANA7.00.05.05 end
END;
SalesLine.MODIFY;

```

### Changes in function → AvaGetTaxOrderBatch

New code (Search for below 1<sup>st</sup> line and Modified code marked in red color)

```

IF AvaGetTaxOrderBatchPost() THEN BEGIN
CASE DocType OF
0,1,2,4: BEGIN TDocType := 1; Coefficient:= 1; END;
3,5: BEGIN TDocType := 5; Coefficient:= -1; END;
END;
IF SalesLine.FINDFIRST THEN BEGIN
REPEAT
LAvaHead.SETRANGE("Document No.",DocNumPre);
LAvaHead.SETRANGE("AVA Document Type",TDocType);
IF LAvaHead.FINDFIRST THEN BEGIN
LAvaLine.SETRANGE("Tax Header No.",LAvaHead."No.");
LAvaLine.SETRANGE("Tax Line No.",FORMAT(SalesLine."Line No."));
IF LAvaLine.FINDFIRST THEN BEGIN
//AVANA7.00.05.05 start
//IF LAvaLine."Tax Tax Amount" = 0 THEN BEGIN
// SalesLine.VALIDATE(Amount , SalesLine."Line Amount" - SalesLine."Inv. Discount Amount");
// SalesLine.VALIDATE("VAT Base Amount" , SalesLine.Amount);
// SalesLine.VALIDATE("Amount Including VAT" , SalesLine.Amount);

// IF LAvaLine."Total Taxable Amount" = 0 THEN
// SalesLine.VALIDATE("VAT %",0)
// ELSE
// SalesLine.VALIDATE("VAT %" , ROUND((LAvaLine."Tax Tax Amount"/LAvaLine."Total Taxable
Amount")*100));
//END ELSE BEGIN
// SalesLine.VALIDATE(Amount, SalesLine."Line Amount" - SalesLine."Inv. Discount Amount");
// SalesLine.VALIDATE("VAT Base Amount" , SalesLine.Amount);
// SalesLine.VALIDATE("Amount Including VAT" , SalesLine.Amount + LAvaLine."Tax Tax Amount");
// IF LAvaLine."Total Taxable Amount" = 0 THEN
// SalesLine.VALIDATE("VAT %",0)
// ELSE
// SalesLine.VALIDATE("VAT %" , ROUND((LAvaLine."Tax Tax Amount"/LAvaLine."Total Taxable
Amount")*100));
//END;
IF (AvaConfig."Enable Tax Amt Adj.") AND (LAvaLine."Item No."=TextSalesTaxAdjust) THEN BEGIN
SalesLine.Amount:=0;
SalesLine."VAT Base Amount":=LAvaLine."Total Taxable Amount";
IF ((LAvaLine."Tax Tax Amount" + LAvaLine."Total Taxable Amount" + LAvaLine."Tax Exempt Amount")
<> 0) THEN
SalesLine.VALIDATE("Amount Including VAT",LAvaLine."Tax Tax Amount" + LAvaLine."Total Taxable
Amount" + LAvaLine."Tax Exempt Amount");
SalesLine."VAT %":=0;
SalesLine."Line Amount":=0;
END;
//AVANA7.00.05.05 end
SalesLine.MODIFY;
END;

```