USE [ATLAS]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[EN\_AtlasOrderChainV6] Script Date: 11/1/2019 5:36:29 AM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER procedure [dbo].[EN\_AtlasOrderChain]

(@SN Varchar(50) , @CustID varchar (20) , @Item varchar (50)

,@ItemA varchar (50),@ItemB varchar (50),@ItemC varchar (50),@ItemD varchar (50)

,@OrderID varchar(20))

as

declare @CrtNode varchar(20)

declare @CrtNodeS varchar(20)

declare @Level bigint

declare @Continue char(1)

--Declare @SNReturned Varchar(50)

--Declare @OrderID varchar(20)

--Declare @SN Varchar(50)

--declare @CustID varchar (20)

--declare @Item varchar (50)

--declare @ItemA varchar (50)

--declare @ItemB varchar (50)

--declare @ItemC varchar (50)

--declare @ItemD varchar (50)

--set @OrderID = '55348'

----set @OrderID = '41468'

--set @CustID = '32476'

--set @Item = '8000P'

--set @ItemA = 'MOD8040PWCABLE'

----set @SN = 'WK004153547'

--set @SN = 'WK200035062'

set @SN = upper(@SN)

set @Item = upper(@Item)

set @ItemA = upper(@ItemA)

set @ItemB = upper(@ItemB)

set @ItemC = upper(@ItemC)

set @ItemD = upper(@ItemD)

set @OrderID = upper(@OrderID)

set @Level=1

set @Continue='Y'

IF EXISTS

(

SELECT \*

FROM tempdb.dbo.sysobjects

WHERE ID = OBJECT\_ID(N'tempdb..#OrderChain')

)

BEGIN

DROP TABLE #OrderChain

END

select

OrderDetailID

,OrderID

,CustID

,ItemNbr

,ItemDesc

,SerialNbr

,Price

,PurchasePrice

,AssemblyPrice

,DateShipped

,DateReturned

,ShipOrReturn

,ReturnedOrderID

,OrderDetailLink

,OriginalShippedDate

,GPInvoiceNmbr

,FirstDate

into #OrderChain

from(

SELECT top 100

A.OrderDetailID as OrderDetailID

,B.OrderID as OrderID

,B.CustomerNo as CustID

,A.ItemNmbr as ItemNbr

,A.ItemDesc as ItemDesc

,A.SerialNumb as SerialNbr

,cast(coalesce(A.Price, 0.0) as decimal(7,2)) as Price

,cast(0.0 as decimal(7,2)) as PurchasePrice

,cast(0.0 as decimal(7,2)) as AssemblyPrice

,convert(datetime, B.OrderDate, 101) as DateShipped

,convert(datetime, B.OrderDate, 101) as DateReturned

,A.ShipOrReturn as ShipOrReturn

,A.ReturnedOrderID as ReturnedOrderID

,A.OrderDetailLink as OrderDetailLink

,convert(datetime, '01/01/1900', 101) as OriginalShippedDate

,GPInvoiceNmbr as GPInvoiceNmbr

,(select top 1 convert(varchar(10), OriginatedByDate, 101) from [ATLAS].[dbo].[A\_HelpDeskIssue] C

where C.Custnmbr = B.CustomerNo order by OriginatedByDate) as FirstDate

FROM [ATLAS].[dbo].[A\_OrderDetails] A

inner join [ATLAS].[dbo].[A\_Orders] B on B.OrderID = A.OrderID

where

(A.ItemNmbr = @Item or

A.ItemNmbr = @ItemA or

A.ItemNmbr = @ItemB or

A.ItemNmbr = @ItemC or

A.ItemNmbr = @ItemD or

(A.ItemNmbr = 'MISC' and A.ItemDesc COLLATE SQL\_LATIN1\_General\_CP1\_CS\_AS

like ('%' + @Item + '%') COLLATE SQL\_LATIN1\_General\_CP1\_CS\_AS))

and B.CustomerNo = @CustID

and B.GPInvoiceNmbr is not null

order by

A.DateShipped asc

) as a2

--SELECT TOP 1 @OrderID=OrderID from #OrderChain where SerialNbr = @SN order by OrderID desc

--select top 1 OrderID from #OrderChain where SerialNbr = 'WK200035062' order by OrderID desc

insert into #OrderChain

(

OrderDetailID

,OrderID

,CustID

,ItemNbr

,ItemDesc

,SerialNbr

,Price

,PurchasePrice

,AssemblyPrice

,DateShipped

,DateReturned

,ShipOrReturn

,ReturnedOrderID

,OrderDetailLink

,OriginalShippedDate

,GPInvoiceNmbr

,FirstDate)

(

SELECT --top 1

1000 as 'OrderDetailID', 100 as 'OrderID',

D.CUSTNMBR as 'CustID', C.ITEMNMBR as 'ItemNbr',

C.ITEMDESC as 'ItemDesc', A.SERLTNUM as 'SerialNbr',

A.UNITCOST as 'Price', 0 as 'PurchasePrice',0 as 'AssemblyPrice',

--B.PSTGDATE as 'DateShipped', B.PSTGDATE as 'DateReturned',

A.DATERECD as 'DateShipped', A.DATERECD as 'DateReturned',

'S' as 'ShipOrReturn', 0 as 'ReturnedOrderID',

1000 as 'ORderDetailLink', A.DATERECD as 'OriginalShippedDate',

0 as 'GPInvoiceNmbr', convert(char(10),A.DATERECD, 101) as 'FirstDate'

FROM MAPS.dbo.BM30400 A

INNER JOIN MAPS.dbo.BM30200 B ON A.TRX\_ID = B.TRX\_ID

INNER JOIN MAPS.dbo.IV00101 C ON A.ITEMNMBR = C.ITEMNMBR

INNER JOIN MAPS.dbo.RM00101 D ON B.BACHNUMB = D.CUSTNMBR

inner join #OrderChain E on E.CustID = D.CUSTNMBR

WHERE A.SERLTNUM in (select SerialNbr from #OrderChain where ShipOrReturn = 'R' )

-- = 'WK200057738'

union all

SELECT

1000 as 'OrderDetailID', 100 as 'OrderID',

B.CUSTNMBR as 'CustID', A.ITEMNMBR as 'ItemNbr',

D.ITEMDESC as 'ItemDesc', A.SERLTNUM as 'SerialNbr',

C.UNITPRCE as 'Price', 0 as 'PurchasePrice',0 as 'AssemblyPrice',

A.DATERECD as 'DateShipped', A.DATERECD as 'DateReturned',

'R' as 'ShipOrReturn', 0 as 'ReturnedOrderID',

1000 as 'ORderDetailLink', A.DATERECD as 'OriginalShippedDate',

0 as 'GPInvoiceNmbr', convert(char(10),A.DATERECD, 101) as 'FirstDate'

--select \*

FROM MAPS.dbo.SOP10201 A

INNER JOIN MAPS.dbo.SOP30200 B ON A.SOPTYPE = B.SOPTYPE

AND A.SOPNUMBE = B.SOPNUMBE

INNER JOIN MAPS.dbo.SOP30300 C ON A.CMPNTSEQ = C.CMPNTSEQ

AND A.LNITMSEQ = C.LNITMSEQ

AND A.SOPNUMBE = C.SOPNUMBE

AND B.SOPNUMBE = C.SOPNUMBE

AND A.SOPTYPE = C.SOPTYPE

AND B.SOPTYPE = C.SOPTYPE

INNER JOIN MAPS.dbo.IV00101 D ON A.ITEMNMBR = D.ITEMNMBR

WHERE

(B.SOPNUMBE LIKE 'RTN%') and B.CUSTNMBR = @CustID

--and A.SERLTNUM not in (select SerialNbr from #OrderChain where ShipOrReturn = 'R' )

union all

SELECT

1000 as 'OrderDetailID', 100 as 'OrderID',

B.CUSTNMBR as 'CustID', A.ITEMNMBR as 'ItemNbr',

D.ITEMDESC as 'ItemDesc', A.SERLTNUM as 'SerialNbr',

C.UNITPRCE as 'Price', 0 as 'PurchasePrice',0 as 'AssemblyPrice',

A.DATERECD as 'DateShipped', A.DATERECD as 'DateReturned',

'S' as 'ShipOrReturn', 0 as 'ReturnedOrderID',

1000 as 'ORderDetailLink', A.DATERECD as 'OriginalShippedDate',

0 as 'GPInvoiceNmbr', convert(char(10),A.DATERECD, 101) as 'FirstDate'

--SELECT \*

FROM MAPS.dbo.SOP10201 A

INNER JOIN MAPS.dbo.SOP30200 B ON A.SOPTYPE = B.SOPTYPE

AND A.SOPNUMBE = B.SOPNUMBE

INNER JOIN MAPS.dbo.SOP30300 C ON A.CMPNTSEQ = C.CMPNTSEQ

AND A.LNITMSEQ = C.LNITMSEQ

AND A.SOPNUMBE = C.SOPNUMBE

AND B.SOPNUMBE = C.SOPNUMBE

AND A.SOPTYPE = C.SOPTYPE

AND B.SOPTYPE = C.SOPTYPE

INNER JOIN MAPS.dbo.IV00101 D ON A.ITEMNMBR = D.ITEMNMBR

WHERE

(B.SOPNUMBE LIKE 'INV%') and B.CUSTNMBR = @CustID and

(A.SERLTNUM= @SN and B.CUSTNMBR = @CustID )

--and A.SERLTNUM not in (select SerialNbr from #OrderChain )

--A.SERLTNUM in (select SerialNbr from #OrderChain where ShipOrReturn = 'R' )

union all

SELECT

1000 as 'OrderDetailID', 100 as 'OrderID',

B.CUSTNMBR as 'CustID', A.ITEMNMBR as 'ItemNbr',

D.ITEMDESC as 'ItemDesc', A.SERLTNUM as 'SerialNbr',

C.UNITPRCE as 'Price', 0 as 'PurchasePrice',0 as 'AssemblyPrice',

A.DATERECD as 'DateShipped', A.DATERECD as 'DateReturned',

'R' as 'ShipOrReturn', 0 as 'ReturnedOrderID',

1000 as 'ORderDetailLink', A.DATERECD as 'OriginalShippedDate',

0 as 'GPInvoiceNmbr', convert(char(10),A.DATERECD, 101) as 'FirstDate'

--select \*

FROM MAPS.dbo.SOP10201 A

INNER JOIN MAPS.dbo.SOP30200 B ON A.SOPTYPE = B.SOPTYPE

AND A.SOPNUMBE = B.SOPNUMBE

INNER JOIN MAPS.dbo.SOP30300 C ON A.CMPNTSEQ = C.CMPNTSEQ

AND A.LNITMSEQ = C.LNITMSEQ

AND A.SOPNUMBE = C.SOPNUMBE

AND B.SOPNUMBE = C.SOPNUMBE

AND A.SOPTYPE = C.SOPTYPE

AND B.SOPTYPE = C.SOPTYPE

INNER JOIN MAPS.dbo.IV00101 D ON A.ITEMNMBR = D.ITEMNMBR

WHERE

(B.SOPNUMBE LIKE 'RTN%') and B.CUSTNMBR = @CustID

and (A.SERLTNUM= @SN ) and A.SERLTNUM not in (select SerialNbr from #OrderChain )

union all

SELECT

1000 as 'OrderDetailID', 100 as 'OrderID',

B.CUSTNMBR as 'CustID', A.ITEMNMBR as 'ItemNbr',

D.ITEMDESC as 'ItemDesc', A.SERLTNUM as 'SerialNbr',

C.UNITPRCE as 'Price', 0 as 'PurchasePrice',0 as 'AssemblyPrice',

A.DATERECD as 'DateShipped', A.DATERECD as 'DateReturned',

'S' as 'ShipOrReturn', 0 as 'ReturnedOrderID',

1000 as 'ORderDetailLink', A.DATERECD as 'OriginalShippedDate',

0 as 'GPInvoiceNmbr', convert(char(10),A.DATERECD, 101) as 'FirstDate'

FROM MAPS.dbo.SOP10201 A

INNER JOIN MAPS.dbo.SOP30200 B ON A.SOPTYPE = B.SOPTYPE

AND A.SOPNUMBE = B.SOPNUMBE

INNER JOIN MAPS.dbo.SOP30300 C ON A.CMPNTSEQ = C.CMPNTSEQ

AND A.LNITMSEQ = C.LNITMSEQ

AND A.SOPNUMBE = C.SOPNUMBE

AND B.SOPNUMBE = C.SOPNUMBE

AND A.SOPTYPE = C.SOPTYPE

AND B.SOPTYPE = C.SOPTYPE

INNER JOIN MAPS.dbo.IV00101 D ON A.ITEMNMBR = D.ITEMNMBR

WHERE

(B.SOPNUMBE LIKE 'INV%') and B.CUSTNMBR = @CustID

and (A.SERLTNUM= @SN ) and A.SERLTNUM not in (select SerialNbr from #OrderChain )

and A.SERLTNUM in (select SerialNbr from #OrderChain where ShipOrReturn = 'R' )

union all

SELECT

1000 as 'OrderDetailID', 100 as 'OrderID',

D.CUSTNMBR as 'CustID', C.ITEMNMBR as 'ItemNbr',

C.ITEMDESC as 'ItemDesc', A.SERLTNUM as 'SerialNbr',

A.UNITCOST as 'Price', 0 as 'PurchasePrice',0 as 'AssemblyPrice',

B.PSTGDATE as 'DateShipped', B.PSTGDATE as 'DateReturned',

'S' as 'ShipOrReturn', 0 as 'ReturnedOrderID',

1000 as 'ORderDetailLink', B.PSTGDATE as 'OriginalShippedDate',

0 as 'GPInvoiceNmbr', convert(char(10),B.PSTGDATE, 101) as 'FirstDate'

FROM MAPS.dbo.BM30400 A

INNER JOIN MAPS.dbo.BM30200 B ON A.TRX\_ID = B.TRX\_ID

INNER JOIN MAPS.dbo.IV00101 C ON A.ITEMNMBR = C.ITEMNMBR

INNER JOIN MAPS.dbo.RM00101 D ON B.BACHNUMB = D.CUSTNMBR

WHERE A.SERLTNUM= @SN and D.CUSTNMBR = @CustID

and A.SERLTNUM not in (select SerialNbr from #OrderChain )

)

--select SerialNbr from #OrderChain group by SerialNbr having count(SerialNbr) > 1

update #OrderChain

set FirstDate = (select top 1 convert(varchar(10), OriginatedByDate, 101) from [ATLAS].[dbo].[A\_HelpDeskIssue] C

where C.Custnmbr = #OrderChain.CustID order by OriginatedByDate)

update E

set OrderDetailLink = (

SELECT top 1

C.OrderDetailID

FROM #OrderChain C

where

C.ShipOrReturn = 'S'

and C.SerialNbr COLLATE Latin1\_General\_CI\_AS = E.SerialNbr COLLATE Latin1\_General\_CI\_AS

and substring(E.ItemNbr,1,5) = substring(C.ItemNbr,1,5)

and E.OrderDetailID > C.OrderDetailID

order by C.OrderDetailID DESC

)

from #OrderChain E

where E.ShipOrReturn = 'R'

update S

set

Price = coalesce(A.Price, 0.0),

ItemDesc = 'Retired'

from #OrderChain S

inner join [ATLAS].[dbo].[A\_OrderDetails] A on A.OrderID = S.OrderID

where S.ShipOrReturn = 'R' and A.ItemNmbr = 'M9966' and S.Price = '0' --and abs(S.Price) = abs(A.Price)

--SELECT TOP 1 @OrderID=OrderID from #OrderChain where SerialNbr = @SN order by OrderID desc

IF EXISTS

(

SELECT \*

FROM tempdb.dbo.sysobjects

WHERE ID = OBJECT\_ID(N'tempdb..#Ordtable')

)

BEGIN

DROP TABLE #Ordtable

END

declare @SNSave varchar(50)

declare @OrderNodeDetailID varchar(20)

create table #Ordtable(NodeID varchar(20), SNPos varchar(50), OrderID varchar(20), Pos bigint)

select top 1 @CrtNode=OrderDetailLink, @SNSave=SerialNbr, @OrderID=OrderID

from #OrderChain where SerialNbr = @SN and ShipOrReturn = 'S'

order by OrderID desc

--select \* from #Ordtable

--insert into #Ordtable values(@CrtNodeS,@SNSave, @OrderID, @Level)

set @Level=1

insert into #Ordtable values(@CrtNode,@SNSave, @OrderID, @Level)

set @Level=@Level+1

select top 1 @CrtNode=OrderDetailLink, @SNSave=SerialNbr, @OrderID=OrderID

from #OrderChain where OrderID = @OrderID and ItemNbr = @Item and ShipOrReturn = 'R'

insert into #Ordtable values(@CrtNode,@SNSave, @OrderID, @Level)

set @Level=@Level+1

--select \* from #Ordtable

--select \* from #OrderChain where SerialNbr = 'WS200018448'

if @CrtNode is not null

BEGIN

while @Continue='Y'

BEGIN

---get the shipped side

select @CrtNode=OrderDetailLink, @SNSave=SerialNbr, @OrderID=OrderID from #OrderChain

where (OrderDetailID=@CrtNode )

--and SerialNbr = @SNSave)

insert into #Ordtable values(@CrtNode,@SNSave, @OrderID, @Level)

set @Level=@Level+1

--get the return side

select @CrtNode=OrderDetailLink, @SNSave=SerialNbr, @OrderID=OrderID from #OrderChain

where (OrderID=@OrderID and ShipOrReturn = 'R')

insert into #Ordtable values(@CrtNode,@SNSave, @OrderID, @Level)

set @Level=@Level+1

--set @Continue = 'N'

--set @Continue=(case when @CrtNode is null or @CrtNode = '0' or @CrtNode = '1000' then 'N' else 'Y' end)

set @Continue=(case when @CrtNode is null

or @CrtNode = '0'

or @CrtNode = '1000'

or @Level > 20

then 'N' else 'Y' end)

END

END

--select case when (#Ordtable.NodeID is null and #Ordtable.OrderID = @OrderID)

-- then select top 1 from #OrderChain where #OrderChain.OrderID = @OrderID

--else

IF @SN in (select SerialNbr from #OrderChain )

BEGIN

select top 100

a1.OrderID

,CustID

,ItemNbr

,ItemDesc

,SerialNbr

,Price

,PurchasePrice

,AssemblyPrice

,IDate

,ShipOrReturn

,ServiceDate

,ShippedDate

,max(G.Pos) as Pos

from(

select top 100

B.OrderID

,B.CustID

,B.ItemNbr

,B.ItemDesc

,B.SerialNbr

,B.Price

,B.PurchasePrice

,B.AssemblyPrice

,convert(varchar(10), B.DateShipped, 101) as IDate

,B.ShipOrReturn

,B.FirstDate as ServiceDate

,B.DateShipped as ShippedDate

,B.DateReturned as ReturnedDate

from #OrderChain B

--inner join #OrderChain B on B.ReturnedOrderID = A.OrderDetailLink

--where B.ReturnedOrderID is not null

Order by B.ReturnedOrderID

union all

select top 100

B.OrderID

,B.CustID

,B.ItemNbr

,B.ItemDesc

,B.SerialNbr

,B.Price

,B.PurchasePrice

,B.AssemblyPrice

,convert(varchar(10), B.DateShipped, 101) as IDate

,B.ShipOrReturn

,B.FirstDate as ServiceDate

,B.DateShipped as ShippedDate

,B.DateReturned as ReturnedDate

--select B.\*

from #OrderChain B

inner join #OrderChain C on B.SerialNbr = C.SerialNbr

where

(C.ShipOrReturn = 'S' and B.ShipOrReturn = 'R' )

or (B.ShipOrReturn = 'S' and C.ShipOrReturn = 'R' )

or B.OrderID = C.OrderID or B.SerialNbr = @SN

union all

select top 100

B.OrderID

,B.CustID

,B.ItemNbr

,B.ItemDesc

,B.SerialNbr

,B.Price

,B.PurchasePrice

,B.AssemblyPrice

,convert(varchar(10), B.DateShipped, 101) as IDate

,B.ShipOrReturn

,B.FirstDate as ServiceDate

,B.DateShipped as ShippedDate

,B.DateReturned as ReturnedDate

from #OrderChain B

right outer join #Ordtable G on G.SNPos = B.SerialNbr and G.OrderID = B.OrderID

--select B.\*

) as a1

inner join #Ordtable G on G.SNPos = a1.SerialNbr and G.OrderID = a1.OrderID --and G.NodeID is not NULL

where

(a1.ItemNbr = @Item or

a1.ItemNbr = @ItemA or

a1.ItemNbr = @ItemB or

a1.ItemNbr = @ItemC or

a1.ItemNbr = @ItemD or

(a1.ItemNbr = 'MISC' and a1.ItemDesc COLLATE SQL\_LATIN1\_General\_CP1\_CS\_AS

like ('%' + @Item + '%') COLLATE SQL\_LATIN1\_General\_CP1\_CS\_AS))

group by

a1.OrderID

,CustID

,ItemNbr

,ItemDesc

,SerialNbr

,Price

,PurchasePrice

,AssemblyPrice

,IDate

,ShipOrReturn

,ServiceDate

,ShippedDate

order by Pos asc, year(IDate) asc, month(IDate) asc, day(IDate) asc, a1.OrderID desc, ShipOrReturn desc

END

else

select '' as OrderID, @CustID as CustID, @Item as ItemNbr

,'' as ItemDesc, @SN as SerialNbr, '' as Price, '' as PurchasePrice, '' as AssemblyPrice

,'' as IDate, '' as ShipOrReturn, '' as ServiceDate, '' as ShippedDate, '' as Pos

--select case when #Ordtable.NodeID is null and #Ordtable.OrderID = @OrderID then select top 1 from #OrderChain where #OrderChain.OrderID = @OrderID end

-- where OrderID in ('57711', '44562', '44356', '42458', '32095', '28982') ORDER BY DateShipped

--select \* from #Ordtable

--select \* from #OrderChain where ItemNbr = '8000P' SerialNbr = 'WK004243923'

GO