

# SAP Business Network for SCC

Scheduling Agreement Release Supplier Training Guide



## Agenda

#### Scheduling Agreement Release

- Introduction
- <u>Scheduling Agreement Release Process Workflow</u>
- <u>Scheduling Agreement Release Documents</u>
- Different Modes of Integration/ Automation

Scheduling Agreement Release Portal User Interaction

- Overall Considerations
- <u>Scheduling Agreements</u>
- Order Confirmation
- <u>Advanced Ship Notice</u>
- Goods Receipt
- Invoicing

#### <u>Appendix</u>

## Scheduling Agreement Releases In this Chapter You Will Learn About ...

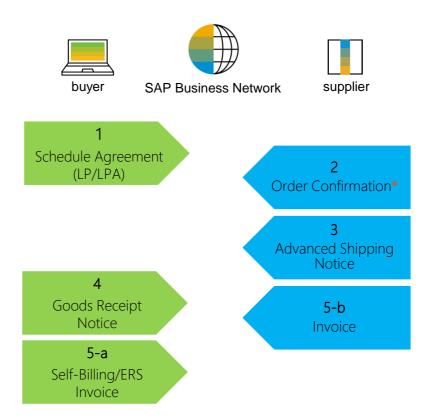
- ... Scheduling Agreement Documents
- ... Scheduling Agreement Collaboration Process
- ... Different Modes of Integration

#### Introduction

- Scheduling Agreement is a form of outline purchase agreement under which materials are procured on predetermined dates within a certain period of time. There are two forms of Scheduling Agreements as listed below:
  - **Scheduling Agreement** is a purchasing document that contains schedule lines stating quantities and dates for specific shipments of a material.
  - Scheduling Agreement Release is a release of schedule lines within the scheduling agreement.
- Use Cases:
  - Pricing & terms are agreed upon for the time period (horizon).
  - Quantity should cover the horizon needs.
  - Smaller quantities requested on "scheduled" basis.
  - Delivery is on an "ASAP" basis (short term or immediately).
  - Mid-to-long term requirements also communicated in the trade-off or forecast horizon.
- Benefits:
  - Improved visibility into availability of supply.
  - Greater transparency for suppliers into longer term and near-term demands of their customers.
  - Flexible invoicing options, including self-billing and supplier-generated invoicing (increased billing accuracy).

#### Scheduling Agreement Release Process Workflow

- 1. Buyer performs a planning run (MRP). This automatically generates scheduling agreement releases. Buyer shares the Scheduling Agreement Release with the supplier through the SAP Business Network.
- 2. Supplier confirms scheduling agreement/ scheduling agreement release for **firm** scheduling lines.
- 3. Supplier ships the goods ordered.
- 4. Buyer receives the goods ordered.
- 5. a) Buyer invoices through ERS or
  - b) less commonly, supplier can invoice directly.



## Scheduling Agreement Release Documents

Document	Description
Scheduling Agreement	Defines the actual agreement of quantities and dates for the shipments desired for a period of time
Scheduling Agreement Release	Defines releases of quantities and dates for the shipments desired for a period of time
Order Confirmation	Confirms scheduling agreement or scheduling agreement releases for firm schedule lines.
Advanced Ship Notice	Provides details for shipment of specific quantities of materials/goods
Goods Receipt	Customer confirmation of final product receipt.
Invoice	Binding document which reflects the amount to be paid, along with the details of the material provided to a customer

## Different Modes of Integration/ Automation

SAP Business Network allows to work / to integrate in different modes with the system

- **Portal:** The Supplier works online through its Web Browser.
- Full System Integration: Suppliers electronically integrate their system(s) to the Network.

## Scheduling Agreement Release Portal User Interaction In this Chapter You Will Learn About ...

... the parts of Scheduling Agreements

- ... how to manage scheduling agreements and releases
- ... how to submit Order Confirmation and Advanced Shipment Notices against Scheduling Agreements

#### **Overall Considerations**

• Scheduling Agreement specifies three "zones" (typically these have commercial implications).

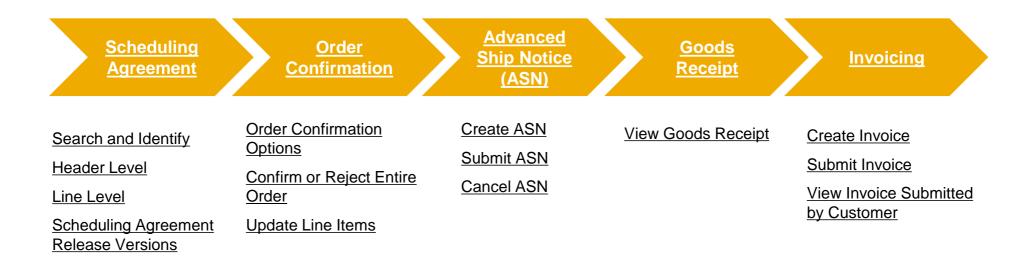
Firm Zone (Zone 1): Make Schedule Lines in this zone are binding. If cancelled, the vendor is entitled to charge both production and Material costs. Trade-Off Zone (Zone 2): Procure Components

Schedule Lines in this zone instruct the vendor that they can buy materials required for production. If cancelled, the vendor is entitled to charge

only for material costs.

Planning Zone (Zone 3): Forecast Schedule Lines in this planning/forecast zone are advisory. There is no commitment on the part of the ordering party.

#### Scheduling Agreement Release Portal User Interaction



## Scheduling Agreement Search and Identify

#### From the Workbench

OR

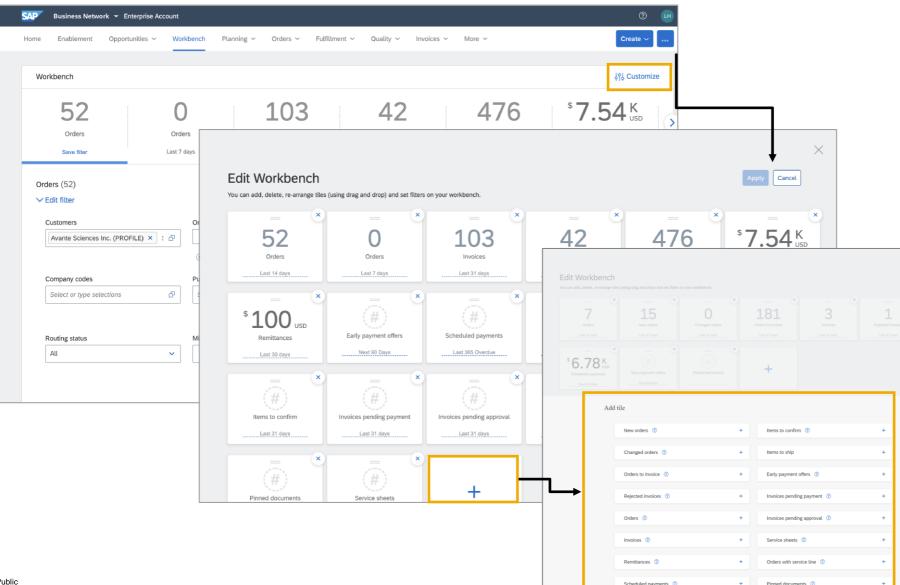
From the **Orders>Orders and Releases** screen:

- 1. Select the **Orders** tile.
- 2. Use filters to identify the right item. Set order type as **Scheduling agreements only**.
- 3. Search results will appear. You can configure the view by clicking the settings icon.
- 4. To view the scheduling agreement, click on its number.

**Note:** For more info on how to manage your workbench and create specific tiles please refer to **the next slide.** 

Home Enablement	Workbenc	h Pla	nning ~		Orders		and Releases	1 26 Orde Last 90	ers			
Edit filter							Queries La	Lust of				
Customers Select or type selections		rder numbers					Creation date	~	Order statu	aı V	Select or type	6
Company codes Select or type selections Routing status	£	urchasing org Select or typ in amount		IS	Currenc	6	Customer locations Type selection	2	Scheduli	ng agre	ements only	
All	×			3	EUR	, ~ ]						
			Ē		<b>φ</b> ίγ							
Order Number	T	Гуре		Ac	tions							
55000018200010FOR	F	Release			000							
BP1550000008400010FOR	F	Release			000							

#### Workbench



Scheduled payments 💿

Pinned documents (7)

Customize Workbench

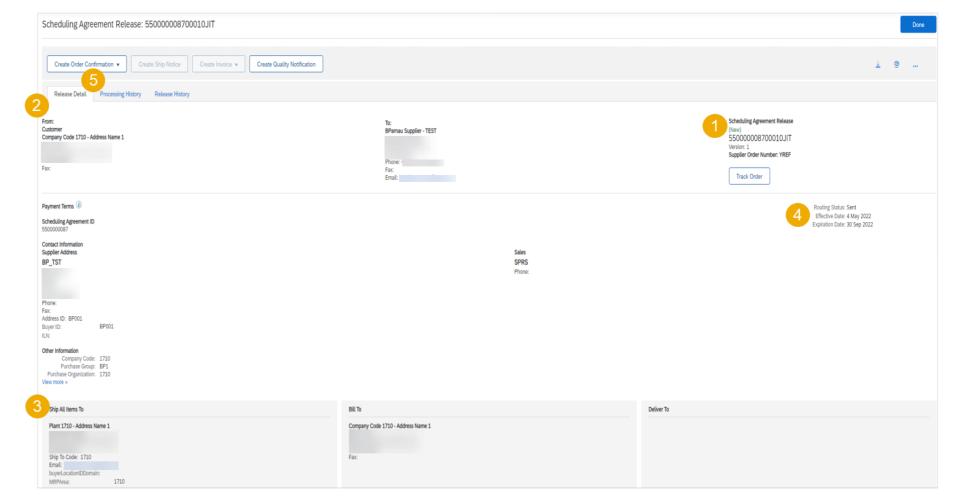
- The customize icon on the workbench will bring up the edit workbench page. On this page, you can add, remove and reorder your tiles.
- To add a tile, click on the "+" icon. This will bring up a list of available tiles. Click on the "+" sign again to the tile. The add workbench can support a maximum of 25 tiles.
- To remove a tile, click on the "x" icon on the top right of the tile.
- To reorder your tiles, drag on the two horizontal lines on the top of each tile and drop to the desired position. The ordering of your tiles is how it will appear on your homepage.

## Scheduling Agreement

#### Header Level

View the header level information:

- 1. Document Type, status, number and version.
- 2. From Information (Buyer)/ To Information (Supplier)
- 3. Ship to/Bill To Information
- 4. Routing Status
- 5. Processing and release history is available in the appropriate tabs.



#### Scheduling Agreement Line Level

- 1. The Line Item section includes detailed Commitment Information, including Release Information and Commitment Level
- 2. Schedule Lines (Delivery Schedules) for Line Items contain date and quantity for each schedule line
- 3. Commitment Levels of schedule lines indicate one of three zones.

Line #	Part #	Customer Part #	Туре	Return	Revision Level	Qty (Unit)	Unit Price	Subtotal	Previous Received Qty (Unit)	Cumulative Received Qty (Unit)	Cumulative Shipped Qty (Ur
10		DICE-DP-0700	Material			3.0 (EA)	10.00 EUR	30.00 EUR		0.0 (EA)	0 (EA)
Des	cription: 30A	Speed Controller									
	Release Info	rmation									
		End of Firm Zone: 28 Apr 2019 6:00 AM EDT									
		End of Tradeoff Zone: 28 Feb 2019 5:00 AM EST									
		Release Type:	JIT								
		Release Number:	1								
2	Schedul	e Lines									3
	Schedule L	_ine # Shipme	ent Status	Delivery Date		Ship Date	Quanti	ty (Unit)	Cumulative Scheduled Qty (Unit)	Received Qty (Unit)	Commitment Level
	1	<b>Q</b>		5 Mar 2019 5:	00 AM EST		3.0 (EA	4)	3.0 (EA)		Firm
	2			5 Mar 2019 5:	00 AM EST		4.0 (EA	4)	7.0 (EA)		Tradeoff

#### Scheduling Agreement

#### Scheduling Agreement Release Versions

Note that with Scheduling Agreement Releases there are different versions depending on if the customer sends a change. Release to the SAP Business Network.

- 1. Older Versions are viewable by clicking the **Previous Version** hyperlink.
- 2. In order to view the changes on the Release, go to the **Release History.**
- 3. Click on **Compare** and select the version you want to compare.
- 4. The edits will be highlighted in orange.

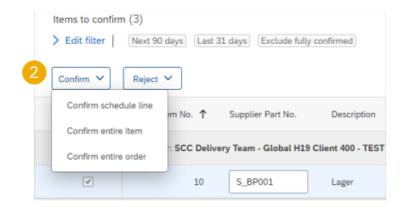
Release Detail Processing History Release History											
From: Customer Company Code 1710 - Address Name 1 Fax:			To: BParn Phone Fax: Email:						1	Scheduling Agreement Release (+ Changed) 550000009300010JIT Version: 2 (Previous Version) Track Order	
Release Detail     Processing History     Release History       3     Compare	Line Item										
COMPARE RELEASES SELECT A RELEASE TO COMPARE. THE LATEST CHANGE WILL BE MARKED IN ORANGE.	Line # No. Schedule Li	ines Change Pa	art #	Customer Part #	Туре	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal
Releases	<b>10</b> 3	4 → Edited		BP001	Material			30.000 20.000 (PCE)	20 Jun 2022	1.00 EUR	30.00 EUR
Version 1 Submitted On											20.00 EUR
2         16 Jun 2022 5:01 PM CEST           1         16 Jun 2022 3:19 PM CEST											
Compare											

#### Order Confirmation Options

Supplier can confirm scheduling agreement or scheduling agreement release from the following screens:

- 1. Workbench > Orders tile
- 2. Workbench > Items to Confirm tile
- 3. SA / SAR screen

Order Number	Customer	Amount	Date 🦊	Order Status	Amount Invoiced	Actions
55000009700010JIT	SCC Sandbox Global CoE Team - TEST	€50.00 EUR	Jun 30, 2022	Received	1 Confirm entire order	
55000009600010JIT	SCC Sandbox Global CoE Team - TEST	€60.00 EUR	Jun 30, 2022	Partially Invoiced	Update line items	000
					Reject entire order	



	Scheduling Agreement Release: 550000028100010JIT										
3	Create Order Confirmation 🔻 💽 Create Ship Notice 🖷 Create Invoice 🔻 Create Quality Notification										

## Order Confirmation

#### **Confirm or Reject Entire Order**

Suppliers **can** confirm or reject entire scheduling agreement and scheduling agreement release for **firm** schedule lines.

From the **Workbench > Orders** tile screen:

- 1. Identify the right item and click ••• under Actions.
- 2. Choose an action from the dropdown.
- 3. New window will appear. Fulfill all mandatory fields and submit.

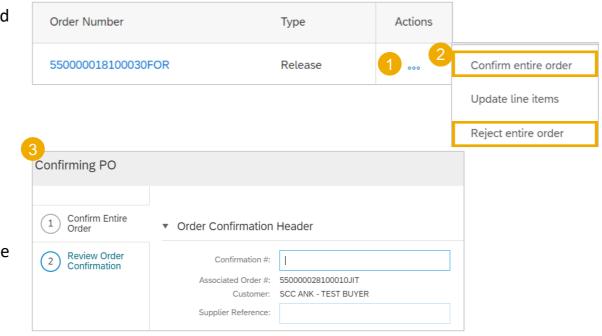
#### OR

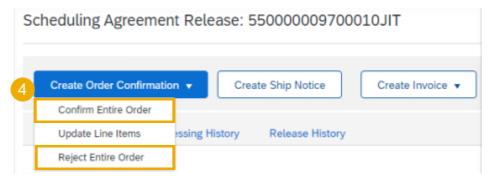
From the SA/SAR screen:

4. Click **Create Order Confirmation** and choose an action from the dropdown.

#### Note:

 Supplier cannot confirm or reject entire scheduling agreement or scheduling agreement release if it contains schedule lines with other than firm commitment level (e.g. tradeoff, forecast). Error message will appear. In this case supplier is able to confirm firm schedule lines via Update Line Items action.





## Order Confirmation

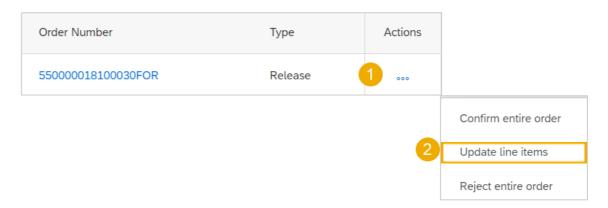
#### Update Line Items

#### From the Workbench>Orders tile screen

#### OR

From the Orders>Orders and Releases>Orders tile screen:

- 1. Identify the right item and click ••• under Actions.
- 2. Choose **Update Line Items** from the dropdown.
- 3. New window will appear. Fulfill all mandatory fields and click **Confirm Based on Schedule Lines**.



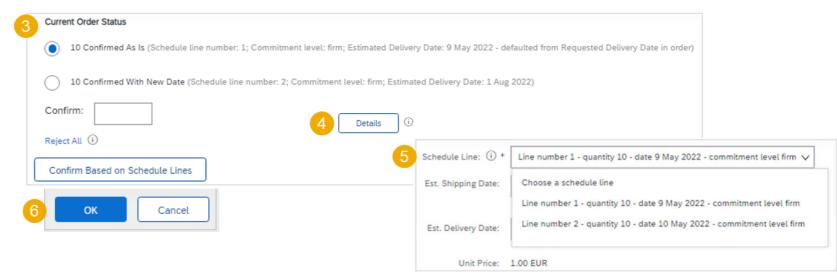
Line I	tems							
Line #	Part #	Customer Part #	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal Customer Location	
10		BP001		20.000 (PCE)	9 May 2022	1.00 EUR	20.00 EUR	
				Description: Chain wheel				
	<ul> <li>Schedule Lines</li> </ul>							
	Schedule Line No. †		Commitment Level		Delivery Date	Ship By		Quantity (Unit)
	1		Firm		9 May 2022			10 (PCE)
	2		Firm		10 May 2022			10 (PCE)
	Current Order Status							
	20.000 Unconfirmed							
	Confirm:	]		Details	0			
	Reject All (i)							
3	Confirm Based on Scheo	dule Lines						

## **Order Confirmation**

#### Update Line Items

- 1. Select the scheduled line and update delivery date and quantity. Note, that only firm schedule lines are displayed on confirmation page.
- 2. Once done, click Create status.
- 3. Confirmation status is created.
- 4. Click **Details** to add additional information.
- 5. You can choose a referenced schedule line from the dropdown.
- 6. Once done, click **OK** and proceed with order confirmation submission.

Latest Co	nfirmed Delivery Date:	None			
Sche	dule Lines				
	Schedule Line No. 🕇	Commitment Level	Delivery Date	Ship By	Quantity (Unit)
	1	Firm	9 May 2022		10
	2	Firm	10 May 2022		10



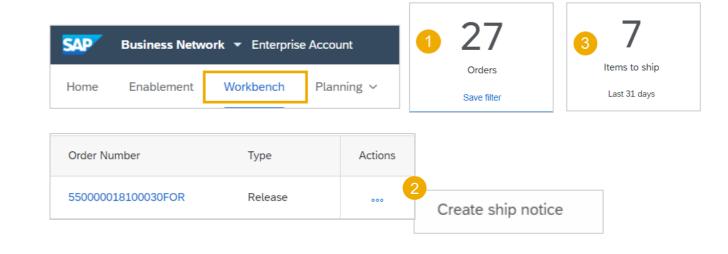
#### Create ASN (From the Workbench)

#### From the **Workbench** tab:

- 1. Select **Orders** tile.
- 2. Identify the right document and click under Actions and select **Create ship notice**.

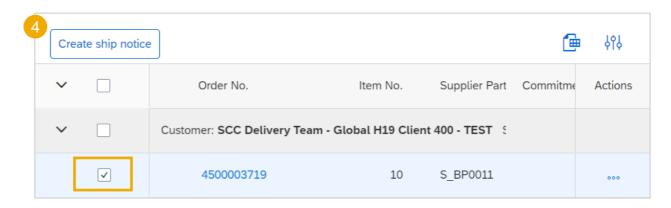
#### OR

- 3. Use **Items to Ship** tile.
- 4. Identify the right items using filters. Select them and Create Ship Notice.



#### Note:

- You can create ASN per multiple scheduling lines. For more information refer to the PO Collaboration Guide/ ASN Management or to Help Center documentation.
- For more info on how to manage your workbench and create specific tiles please refer to SCC General Functionality Guide.

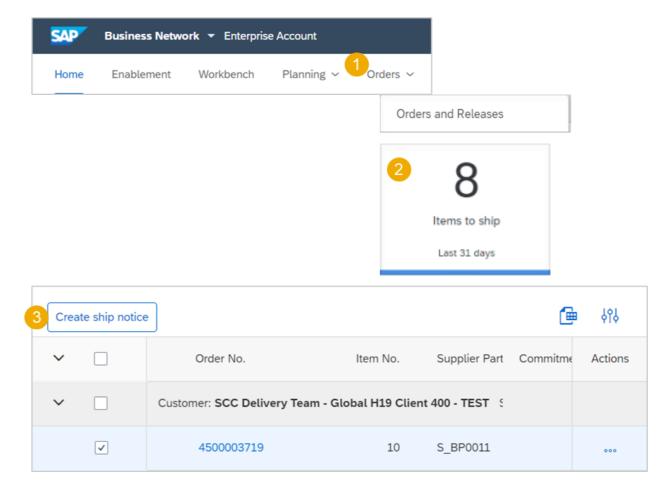


#### Create ASN (From the Orders Tab)

- 1. Go to the **Orders** tab and from the dropdown select **Orders and Releases.**
- 2. Select the **Items to Ship** tile.
- 3. Select the desired items to ship and click **Create Ship Notice**.

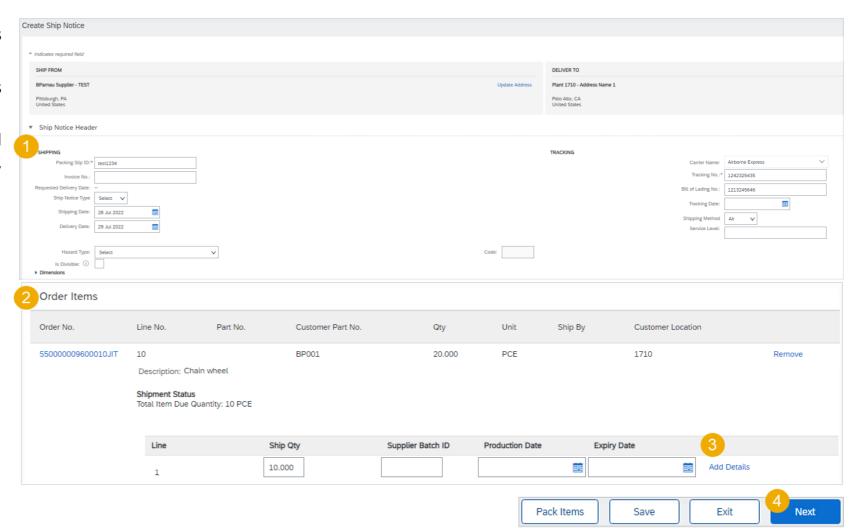
#### Note:

 You can create ASN per multiple scheduling lines. For more information refer to the PO Collaboration Guide / ASN Management or to Help Center documentation.



#### **Create ASN**

- 1. Fulfill all mandatory fields and fields required by your customer.
- 2. Review and edit if needed order items details.
- 3. Click **Add Details** to add additional information, such as serial numbers, etc.
- 4. Once done, click **Next**.



#### Submit ASN

- 1. Review all information entered.
- 2. Click **Submit** to send Advanced Ship Notice to the Customer.

					2		
Create Ship Notice				Previous	Save	Submit	Exit
Confirm and submit this document.							
SHIP FROM		DELIVER TO					
Supplier ABC - TEST 210 Liberty Ave Pritsburgh , PA 15222 United States		Mack Inc 8 Allegheny Center Pittsburgh, PA 15212 United States					
SHIPPING		TRACKING					
Packing Slip ID:	124325446		Carrier Name: A	irborne Express			
Invoice #:	-		Carrier Code:				
Requested Delivery Date:	_		Tracking No.: 1	32432155			
Ship Notice Type:	**		Bill of Lading No.: 3	143155			
Actual Shipping Date:			Tracking Date:				
Actual Delivery Date:			Shipping Method: A	ir			
Is divisible:	No		Service Level:				
DIMENSIONS							
Gross Volume:	**						
Gross Weight:							
Total Length:							
Total Width:							
Total Height:							
DELIVERY AND TRANSPORT INFORMATION							
Delivery Terms:	Transport Condition		Shipping Payment Method: A	count			
Delivery Terms Description:			Shipping Contract Number:				
Transport Terms Description:			Shipping Instructions:				
Is sensitive:	No		Shipping Instructions.				
Transport Terms Equipment Iden	ification Code Gross	S Volume Gross Weight	Sealing	Party Code		Seal ID	

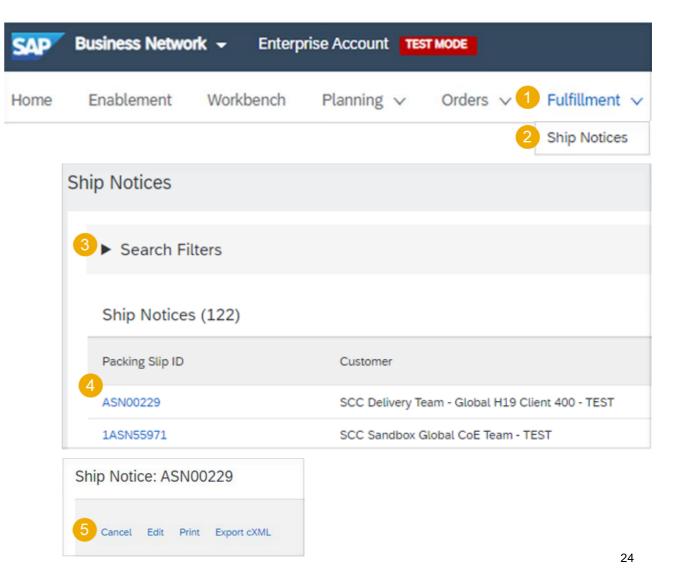
#### Advanced Ship Notice Cancel ASN

It is **not possible** to update a shipping notice after the document is sent. Suppliers need to cancel the document and resubmit.

**Cancellation rule:** a shipping notice can be cancelled until the day before the expected delivery.

- 1. Go to **Fulfillment** tab.
- 2. Select from the dropdown list Ship Notices.
- 3. Use search filters to identify the right item.
- 4. Open shipping notice that you would like to cancel by clicking on **Packing Slip ID** number.
- 5. Click Cancel.

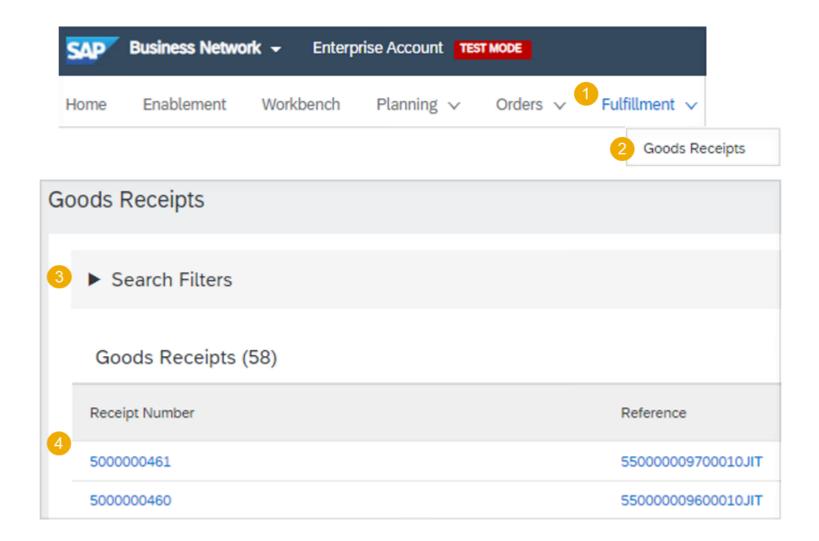
After ASN cancellation, the items will be visible again in Items to Ship tab and a new shipping notice can be created.



## Goods Receipt

**View Goods Receipt** 

- 1. Click on **Fulfillment** tab.
- 2. Select from the drop down list Goods Receipts.
- 3. Use search filters to ease the navigation.
- 4. Review search results. Click receipt number to view receipt details.



# Invoicing

#### Create Invoice 1

For more details on invoice management please refer to documentation in your supplier account **Help Center** or to **SCC Supplier Invoicing Guide**.

#### From the Workbench

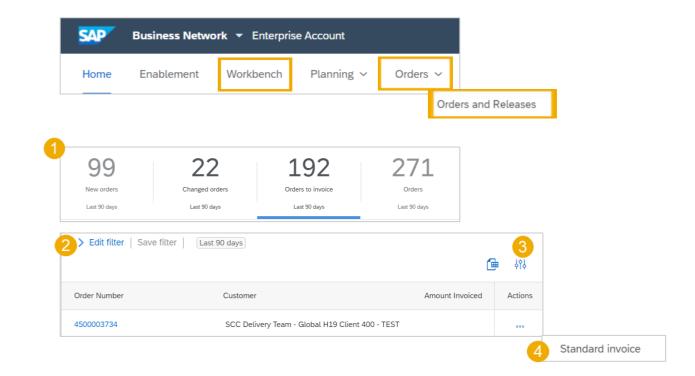
OR

#### From the **Orders>Orders and Releases** screen:

- 1. Use one of the tiles to identify the PO/ SA/ SAR.
- 2. Use filters to identify the correct reference document.
- 3. You can configure the view by clicking the settings icon.
- 4. Click under Actions and select **Standard Invoice**.

#### Note:

• For more info on how to manage your workbench and create specific tiles please refer to SCC General Functionality Guide.



#### Invoicing Create Invoice 2

For more details on invoice management please refer to documentation in your supplier account **Help Center** or to **SCC Supplier Invoicing Guide**.

- 1. Fulfill all mandatory fields.
- 2. Confirm line items included on invoice.
- 3. Edit quantity (if needed).
- 4. Click Next.

#### Note:

- Most information from the scheduling agreement release will auto populate onto the Invoice.
- The firm schedule line information from the scheduling agreement release will auto populate on the invoice.

reate Invoice							
<ul> <li>Invoice Header</li> </ul>							
Summary							
Release:	55000009700010JIT						
Invoice #:*							
Invoice Date: *	15 Jul 2022						
Service Description:							
Supplier Tax ID:							
	BParnau Supplier - TEST						
	Pittsburgh, PA						
	United States						
Bill To:	Company Code 1710 - Address Nan	ne 1					
	Palo Alto, California						
2	United States						
						1 Line Item	s, 1 Included, 0 Previously Fu
ne Items							
rt Line Item Options	Details Tax Category:	V					
							Add to Include
No. Inci	ing Documents Special Handling Discount ude Type	Part # Description	Customer Part #	Quantity	Unit	Unit Price	Subtotal
10 🗨		Chain wheel	BP001	3 10.0	PCE	1.00 EUR	10.00 EUR
Receipt Details	Receipt #: 500000	461		Receipt Line #: 1			
Pricing Details	Price Unit: PCE		Disc (in)	Quantity: 1			
Priving Details	Unit Conversion: 1			scription:			
Line Item Actions 👻 Delete							
in Error Dumo							_
n Error Dump ① how XML							
						Update	Save Exit

## Invoicing Submit Invoice

For more details on invoice management please refer to documentation in your supplier account **Help Center** or to **SCC Supplier Invoicing Guide**.

- Verify all information was entered correctly via the invoice review page.
- 2. Click **Submit** to send Invoice to Customer.

1					2	
reate Invoice			Previous	Save	Submit	Exit
confirm and submit this document. It will be electronical Standard Invoice	ly signed according to the countries of origin and destination of invoice. This transaction of	ualifies as Cross-Border trade. The document's originating country is:Czech Republic. The	document's destination c	ountry is:United States.		-
	Invoice Number: 12233 Invoice Date: Monday 11 Jul 2022 10:52 PM GMT+02:00 Scheduling Agreement Release: 55000009700010.JIT Receipt: 5000000461 Scheduling Agreement ID: 550000097			Subtotal: Total Tax: tal Gross Amount: Total Net Amount: Amount Due:	10.00 EUR 0.00 EUR 10.00 EUR 10.00 EUR 10.00 EUR	
REMIT TO:		BILL TO:			SUPPLIER	Ł
BParnau Suppler - TEST Postal Address: United States		Company Code 1710 - Address Name 1 Postal Address: United States Address ID: 1710			BParnau S Postal Add Czech Reg	
BILL FROM:		CUSTOMER:				
BParnau Supplier - TEST Postal Address: Czech Republic		Company Code 1710 - Address Name 1 Postal Address: United States Address ID: 1710				
SHIPPING INFORMATION:						
SHIP FROM:			SHIP TO:			
BParnau Supplier - TEST Postal Address: United States			Plant 1710 - Address N Postal Address: United States Address ID: 1710 Email: (	ame 1		

#### Invoicing View Invoice Submitted by Customer

For more details on invoice management please refer to documentation in your supplier account **Help Center** or to **SCC Supplier Invoicing Guide**.

- To view the invoice submitted by customer go to the **Invoices** tab and from the dropdown list select **Invoices.**
- 2. View search results.

SAP	Business Netwo	ork 🔻 Enterpris	e Account TEST	MODE			
Home	Enablement	Workbench	Planning 🗸	Orders ~	Fulfillment $ \sim $	Quality ~ 1 Invoices ~	
							Invoices

Invoices											
4	0	0	0	1	0	0	0	0	0		
Invoices	Rejected invoices	Overdue invoices - Not approved	Overdue invoices - Approved	Invoices pending approval	Approved invoices pending payment	Paid invoices	Draft invoices	Credit Memos	Debit Memos		
	Last 31 days	Last 31 days	Last 31 days	Last 31 days	Last 31 days	Last 31 days	Last 50 days	Last 90 days	Last 90 days		
Invoices (4) <ul> <li>Edit filter  </li> </ul>										G	= ¢१¢
Invoice Number	Customer			Reference	Invoiced Date $~\downarrow~$		Amount F	Routing Status	Invoice Status		Actions
1INV55961JIT	SCC Sandbox Global CoE Te	eam - TEST		55000009600010JIT	Jun 30, 2022		€10.00 EUR	Acknowledged	Sent		
2INV5595	SCC Sandbox Global CoE Te	eam - TEST		550000095	May 10, 2022		€3.00 EUR	Sent	Sent		

# Appendix

## **Routing Statuses**

<b>Routing Status</b>	Definition					
Queued	Initial state. SAP Business Network received the order, but no further action was taken.					
Sent	SAP Business Network sent the order to your account.					
Acknowledged	You received the order.					
Failed	SAP Business Network experienced a problem routing the order to your preferred order routing method. For example, your back-end order fulfillment system could have experienced a problem that prevented SAP Business Network from successfully routing the order. You can resend orders that have a Failed routing status.					

## **Order Statuses**

Order Status	Definition			
New	Initial state. You have not updated the order status.			
Changed	Your customer canceled or replaced the order by a sending a subsequent (changed) order.			
Confirmed	You agreed to ship all line items.			
Partially Confirmed Partially Shipped Partially Serviced Partially Invoiced Partially Rejected	The order is in progress. If you update part of a purchase order, SAP Business Network reports the partial status for the entire purchase order. For example, if you partially confirmed an order and then you partially ship either the previously confirmed order line or a different order line, the purchase order status is set to Partially Shipped. You can still continue to confirm order line items regardless of the shipping status until you have confirmed all order lines. For service orders, you can continue to create service sheets for unplanned service lines up to their hidden maximum amounts (which may be larger than their subtotals) or planned service lines up to their subtotals. The service order status is set to Partially Serviced until all of the service lines are serviced.			
Serviced	The order is fully serviced. You cannot create any more service sheets for any more service lines in the order.			
Shipped	Final state. You shipped the entire order.			
Invoiced	The order is fully invoiced. The Amount Invoiced column shows how much money you have invoiced or charged against the purchase order. For older purchase orders, SAP Business Network displays Yes to indicating that you have submitted invoices.			
Received Partially Received Returned	Statuses for receipts that are sent by the buyer from their ERP system. The purchase order status is updated based on this information. On the Order Detail page, each line item detail section displays the quantity of goods received or returned for that line item based on the information in the receipts.			
Failed	SAP Business Network experienced a problem routing the order to your account. You can resend failed orders.			

#### **Invoice Statuses**

Invoice Status	Definition
Canceled	You canceled the invoice and can't make any further changes to it.
Sent	Your customer received the invoice but hasn't approved or rejected it. If your invoice stays in this status for a while, contact your customer to see what needs to happen next. If your customer allows it, you can <u>cancel an invoice</u> with this invoice status.
Rejected	The invoice failed validation on SAP Business Network, or <u>your customer rejected the invoice</u> in their invoice processing system. You can <u>edit and resubmit a rejected invoice.</u>
Approved	If the invoice doesn't have any errors, your customer approves the invoice for payment, which changes the invoice status to <b>Approved</b> . After an invoice reaches <b>Approved</b> status, you can't make changes to it. You'll need to <u>send a credit memo</u> if you made a mistake.
Paid	Your customer paid the invoice or is in the process of issuing payment.

# Thank you.

Contact information:



