



SNC Supplier Guide – Scheduling Agreement (Release) Process

Scope and Field of Application:

This document is meant for SNC suppliers and describes the steps and procedure on how to work on Scheduling Agreement (Release) process in SNC.

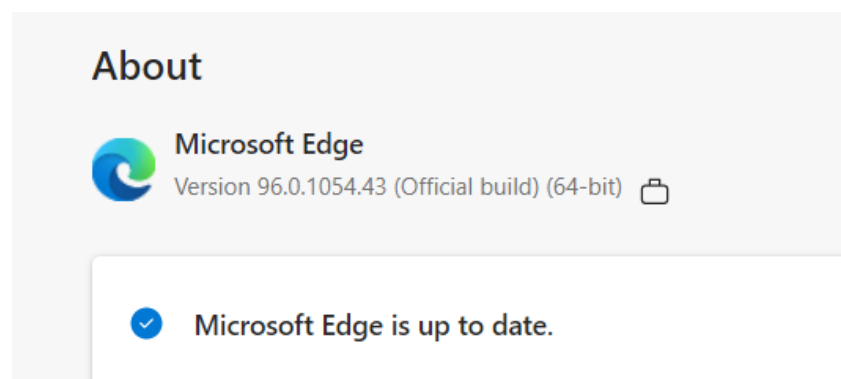
1. How do I log on?	2
2. General navigation in SNC.	3
2.1 Quick View	3
2.2 Navigation between Screens	4
3. How to view New Release in SNC	5
4. Working on Release Details screen.....	7
5. How to compare releases of SA lines	9
6. How to create ASN (Advance Ship Notification)	10
6.1 Create ASN from Due list of purchasing document screen.....	10
6.2 Create ASN from Release details screen.....	15
7. How to Monitor shipments from ASN.....	16
8. How to Cancel the wrong ASN and Create New ASN	16
9. Forecast	18
10. How to view Demand using SNC – SMI	20
10.1 SMI Detail View.....	21
11. How do I logoff from SNC?	24

1. How do I log on?

Use the following link:

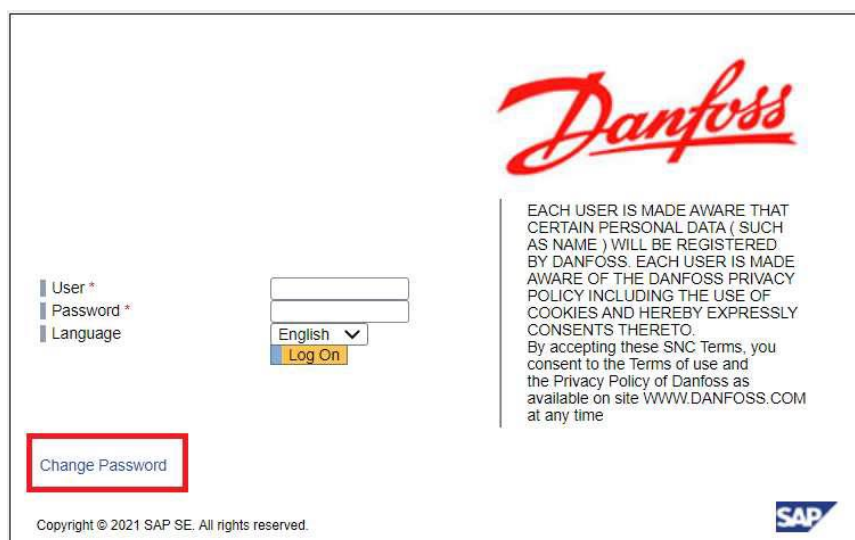
<https://suppliers.danfoss.com/> or suppliers.danfoss.com/

The recommended browser is Microsoft Edge or Google Chrome. Make sure you are using the latest versions of these web browsers



The SNC logon screen comes up. Read the text regarding terms for using SNC. Enter User id and password and click 'Log on'

You can change password from this screen anytime.

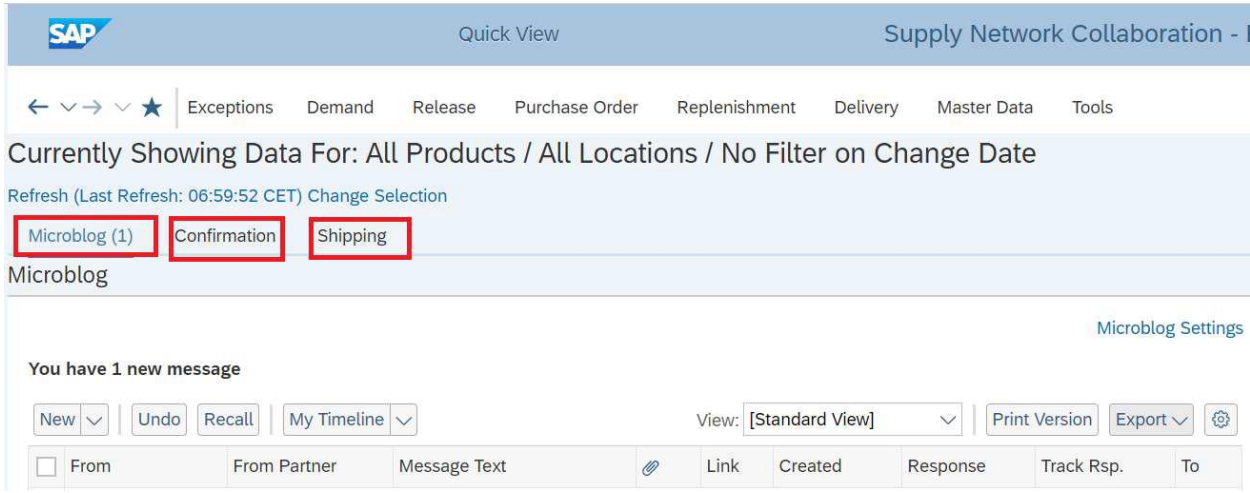
A screenshot of the Danfoss SNC logon screen. The Danfoss logo is at the top right. On the left, there are labels for 'User *', 'Password *', and 'Language'. Below these are input fields for the user ID and password, a dropdown menu for language (set to 'English'), and a 'Log On' button. A 'Change Password' link is highlighted with a red rectangle at the bottom left. On the right, there is a block of text regarding user registration and privacy policy. At the bottom left, it says 'Copyright © 2021 SAP SE. All rights reserved.' and at the bottom right is the SAP logo.

2. General navigation in SNC.

2.1 Quick View:

Menu → Exceptions → Quick View.

When you enter SNC 'Quick view screen', you can see 3 tabs as standard settings done by Danfoss



Quick View Supply Network Collaboration - I

← → ★ Exceptions Demand Release Purchase Order Replenishment Delivery Master Data Tools

Currently Showing Data For: All Products / All Locations / No Filter on Change Date

Refresh (Last Refresh: 06:59:52 CET) Change Selection

Microblog (1) Confirmation Shipping

Microblog

Microblog Settings

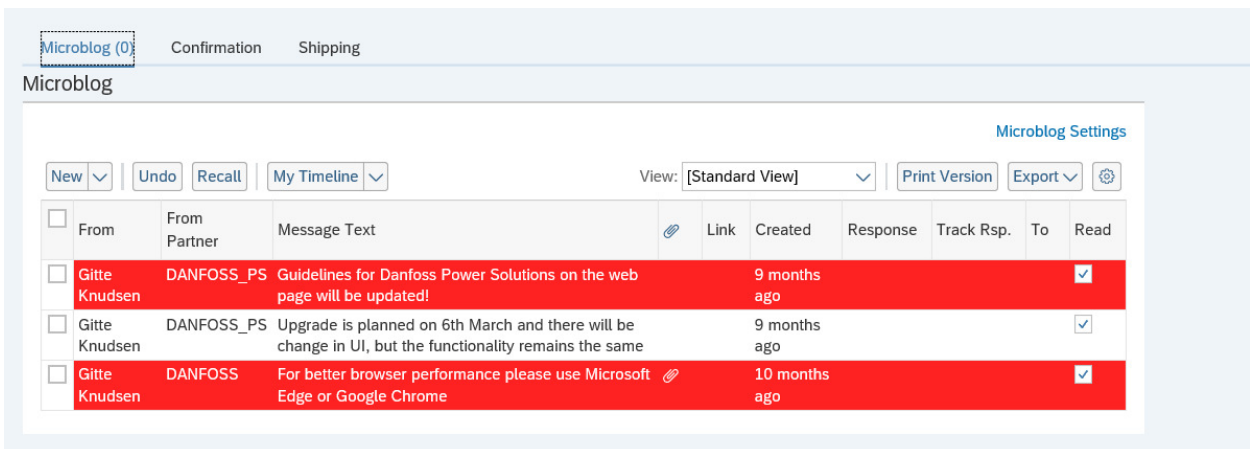
You have 1 new message

New Undo Recall My Timeline View: [Standard View] Print Version Export

<input type="checkbox"/>	From	From Partner	Message Text	Link	Created	Response	Track Rsp.	To
--------------------------	------	--------------	--------------	------	---------	----------	------------	----

Microblog:

The Microblog is used to communicate short “Twitter” type messages of 140 characters or less between Danfoss and our Suppliers. Microblog will be used to send communication only from Danfoss side to suppliers. Danfoss person will mostly contact you via Email or Phone.



Microblog (0) Confirmation Shipping

Microblog

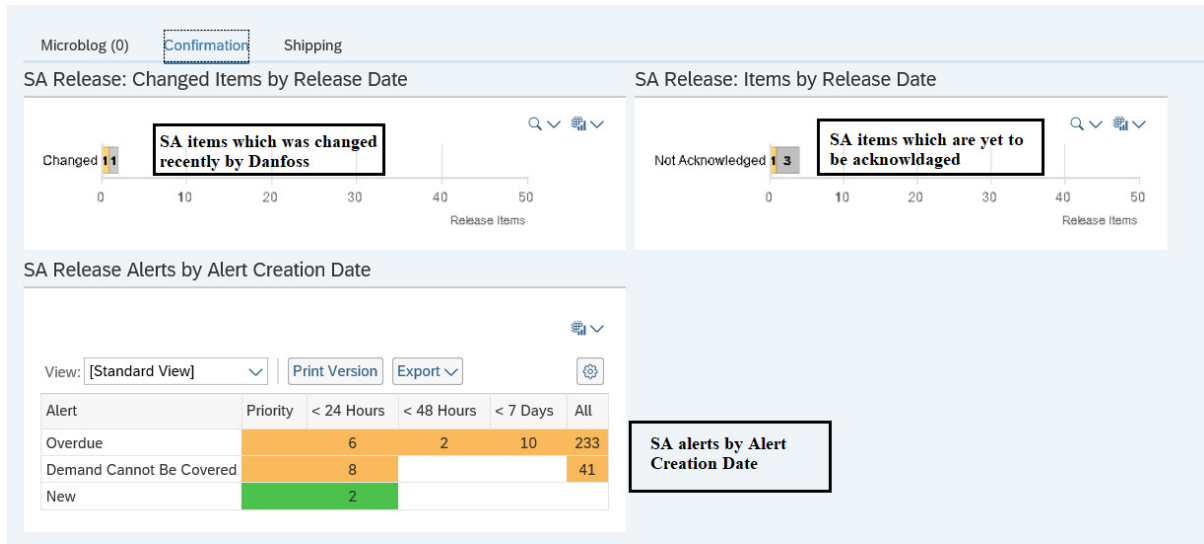
Microblog Settings

New Undo Recall My Timeline View: [Standard View] Print Version Export

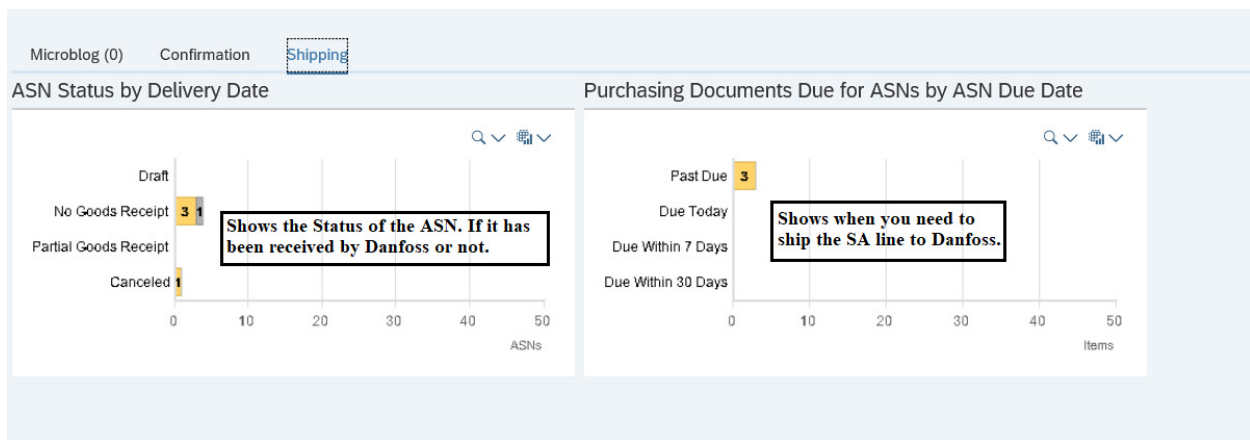
<input type="checkbox"/>	From	From Partner	Message Text	Link	Created	Response	Track Rsp.	To	Read
<input type="checkbox"/>	Gitte Knudsen	DANFOSS_PS	Guidelines for Danfoss Power Solutions on the web page will be updated!		9 months ago				<input checked="" type="checkbox"/>
<input type="checkbox"/>	Gitte Knudsen	DANFOSS_PS	Upgrade is planned on 6th March and there will be change in UI, but the functionality remains the same		9 months ago				<input checked="" type="checkbox"/>
<input type="checkbox"/>	Gitte Knudsen	DANFOSS	For better browser performance please use Microsoft Edge or Google Chrome		10 months ago				<input checked="" type="checkbox"/>

Confirmation: (Optional)

In the confirmation tab, you can see the SA releases which are not acknowledged yet by the supplier. This functionality is optional (Depends on business requirement)



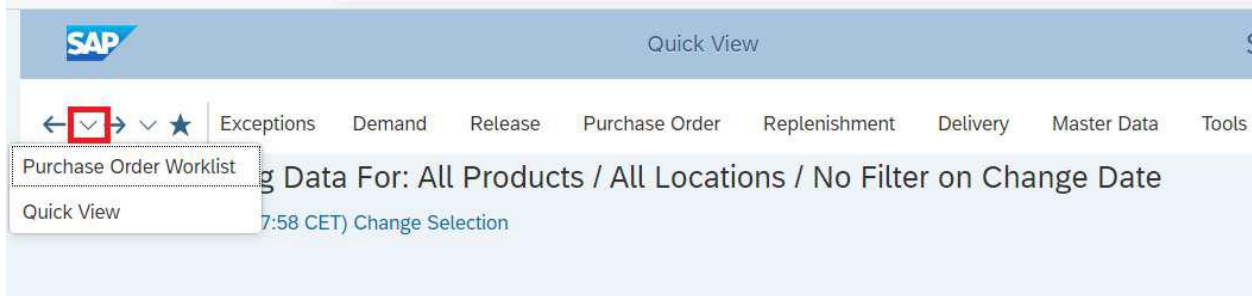
Shipping:



Please be aware of the “Refresh” link (here it is at the top left of the screen). SNC will only update the screens you work on if you press this link.

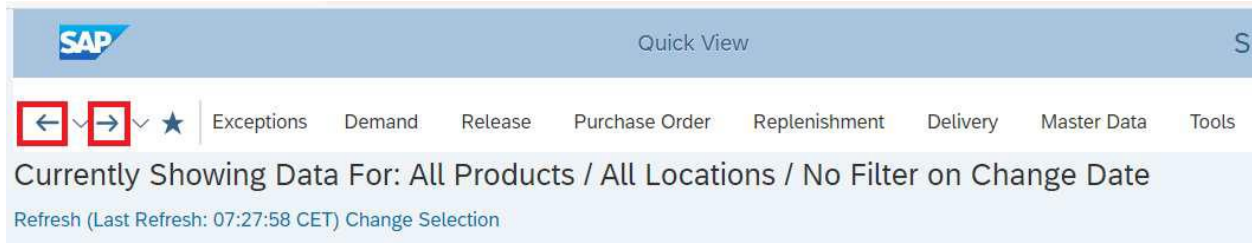
So, if you cannot find an order or similar, you will probably have to press the “Refresh” link. This goes for all screens in SNC.


2.2 Navigation between Screens:

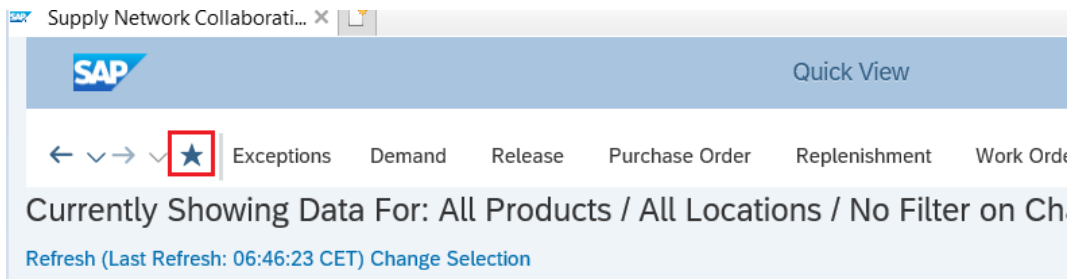


At any point of time, you can go to any of the previous screens by selecting the drop down next to arrow mark at the top left of Quick view.

You can also navigate to immediate previous or next screen by selecting the arrow mark as per below screen



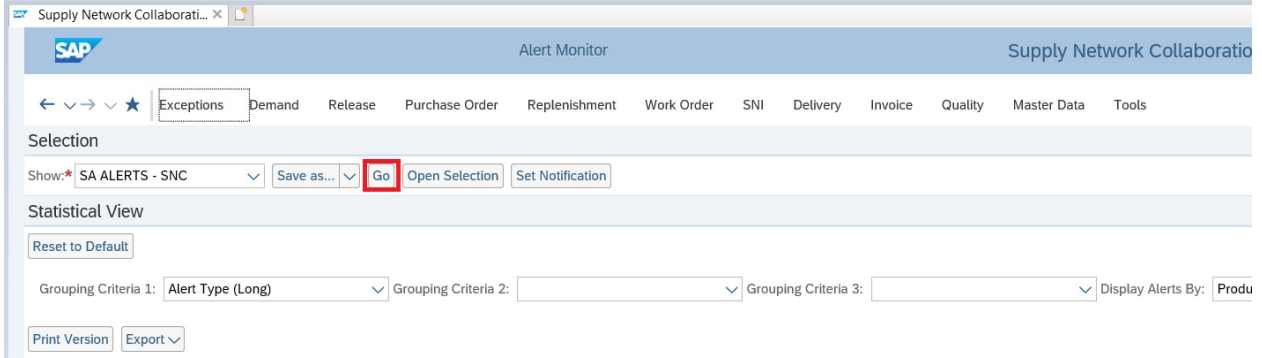
To set as standard entry screen, press the star button in the upper left corner 



3. How to View New Release in SNC

Once you Login to the SNC web portal, you will be taken to the Alert Monitor screen by default.

Alert Monitor: On the Alert Monitor window, click Go to view the latest alerts.



Supply Network Collaborati... x

SAP Alert Monitor Supply Network Collaboratio

← → ★ Exceptions Demand Release Purchase Order Replenishment Work Order SNI Delivery Invoice Quality Master Data Tools

Selection

Show: SA ALERTS - SNC Save as... Go Open Selection Set Notification

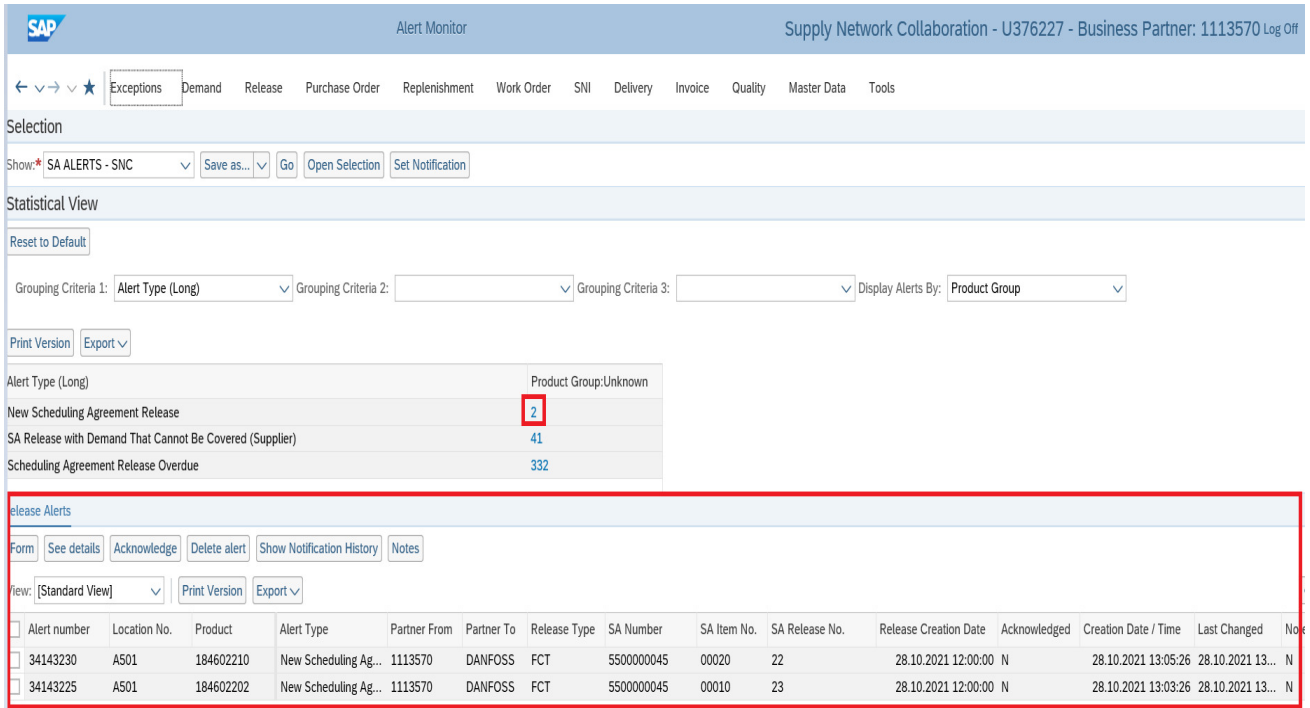
Statistical View

Reset to Default

Grouping Criteria 1: Alert Type (Long) Grouping Criteria 2: Grouping Criteria 3: Display Alerts By: Produ

Print Version Export

Alert Monitor: Alerts are grouped by *Alert Type*. Supplier Should check for alerts in the *New SA Release* row to check for new releases which needs their action.



SAP Alert Monitor Supply Network Collaboration - U376227 - Business Partner: 1113570 Log Off

← → ★ Exceptions Demand Release Purchase Order Replenishment Work Order SNI Delivery Invoice Quality Master Data Tools

Selection

Show: SA ALERTS - SNC Save as... Go Open Selection Set Notification

Statistical View

Reset to Default

Grouping Criteria 1: Alert Type (Long) Grouping Criteria 2: Grouping Criteria 3: Display Alerts By: Product Group

Print Version Export

Alert Type (Long)	Product Group:Unknown
New Scheduling Agreement Release	2
SA Release with Demand That Cannot Be Covered (Supplier)	41
Scheduling Agreement Release Overdue	332

Release Alerts

Form See details Acknowledge Delete alert Show Notification History Notes

View: [Standard View] Print Version Export

Alert number	Location No.	Product	Alert Type	Partner From	Partner To	Release Type	SA Number	SA Item No.	SA Release No.	Release Creation Date	Acknowledged	Creation Date / Time	Last Changed	Note
34143230	A501	184602210	New Scheduling Ag...	1113570	DANFOSS	FCT	5500000045	00020	22	28.10.2021 12:00:00	N	28.10.2021 13:05:26	28.10.2021 13:...	N
34143225	A501	184602202	New Scheduling Ag...	1113570	DANFOSS	FCT	5500000045	00010	23	28.10.2021 12:00:00	N	28.10.2021 13:03:26	28.10.2021 13:...	N

Clicking on the *New SA Release* will display the list of SA which are changed by our MRP run.

These SA lines require supplier action.

To view a SA line, select the line then click on see details tab. This will take the user to the **Release detail screen**.

Show: SA ALERTS - SNC Save as... Go Open Selection Set Notification

Statistical View

[Reset to Default](#)

Grouping Criteria 1: Alert Type (Long) Grouping Criteria 2: Grouping Criteria 3: Display Alerts By: Product Group

[Print Version](#) [Export](#)

Alert Type (Long)	Product Group:Unknown
New Scheduling Agreement Release	3
SA Release with Demand That Cannot Be Covered (Supplier)	44
Scheduling Agreement Release Overdue	332

Release Alerts

[Form](#) [See details](#) [Acknowledge](#) [Delete alert](#) [Show Notification History](#) [Notes](#)

View: [Standard View] [Print Version](#) [Export](#)

<input type="checkbox"/>	Alert number	Location No.	Product	Alert Type	Partner From	Partner To	Release Type	SA Number	SA Item No.	SA Release No.	Release Creation Date	Acknowledged	Creation Date / Time	Last Changed	Notes
<input type="checkbox"/>	34489471	A501	184000059	New Scheduling Ag...	1113570	DANFOSS	FCT	5500000046	00010	21	07.12.2021 12:00:00	N	07.12.2021 10:42:20	07.12.2021 10...	N
<input type="checkbox"/>	34489473	A501	184602210	New Scheduling Ag...	1113570	DANFOSS	FCT	5500000045	00020	23	07.12.2021 12:00:00	N	07.12.2021 10:42:20	07.12.2021 10...	N
<input checked="" type="checkbox"/>	34489469	A501	184602202	New Scheduling Ag...	1113570	DANFOSS	FCT	5500000045	00010	24	07.12.2021 12:00:00	N	07.12.2021 10:42:19	07.12.2021 10...	N

4. Working on Release Details screen.

The release details screen can also be accessed from Release menu.

Release → Release detail

SAP Release Details (Supplier View) Supply Network Co

← → ★ Exceptions Demand **Release** Purchase Order Replenishment Work Order SNI Delivery Invoice Quality Master Data Tools

Selection

Show: * [Use Selection](#)

[Release Overview](#)
[Release Details](#)
[Release Comparison](#)

Selection

Show: * [dropdown] [Reset] [Go] [Close Selection]

Customer Location: A501 [icon]

SA Item No.: 10 [icon]

My Product No.: [icon]

My Customer Location No.: [icon]

Release Type: FCT [icon]

APN: [icon]

APN Type: [icon]

Release History - Product 184000059 (Scheduling Agreement 5500000046 Item 10) Ship-To Location : A501

[Display SL] [Print] [Acknowledge] [Reject] [Compare Releases] [Notes] [Related ASNs] [Due List] [R/R List]

View: [Standard View] [Print Version] [Export]

SA Release No.	Release Date	Cumulative Qty.	Unit	Release Horizon	Last ASN No.	Div. Date (Last ASN)	Qty (Last ASN)	Supplier CQ	Unloading Point	Notes
<input type="radio"/> 22	07.12.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0		
<input type="radio"/> 21	07.12.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0		
<input type="radio"/> 20	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0		

Schedule Lines Release Header Cumulative Qty Ship-From Location Customer Location Ship-To Location Goods Recipient Contact Person Confirmations

SA Schedule Lines for Release Number - 22

[Create ASN] [Notes]

View: [Standard View] [Print Version] [Export]

Period	Shipping Date	Delivery Date	Schedule Line Quantity	Due Quantity	UoM	Commitment Level	Cml. Sched. Qty	Change No.	Notes
<input type="checkbox"/> Day	03.11.2021	04.11.2021	100		0 ST	Production and Material Go-Ahead	1,810		
<input type="checkbox"/> Day	03.11.2021	04.11.2021	20		0 ST	Production and Material Go-Ahead	1,830		
<input type="checkbox"/> Day	03.11.2021	04.11.2021	50		0 ST	Production and Material Go-Ahead	1,880		
<input type="checkbox"/> Day	03.11.2021	04.11.2021	50		0 ST	Production and Material Go-Ahead	1,930		
<input type="checkbox"/> Day	03.11.2021	04.11.2021	50		0 ST	Production and Material Go-Ahead	1,980		

Release detail (Supplier -View) screen short

Important sections of Release detail screen:

A. Selection:

This section has useful parameters which can be used to search any scheduling agreement based on its number, product(material number), Customer Location (plant code)..etc

Selection

Show: * [dropdown] [Reset] [Go] [Close Selection]

Scheduling Agreement No.: 5500000046 [icon]

Product: 184000059 [icon]

Customer Location: A501 [icon]

SA Item No.: 10 [icon]

My Product No.: [icon]

My Customer Location No.: [icon]

Release Type: FCT [icon]

21 scheduling agreement releases found

B. Release History

This section has the history of all the releases for the selected product.

Release History - Product 184000059 (Scheduling Agreement 5500000046 Item 10) Ship-To Location : A501

Display SL Print Acknowledge Reject Compare Releases Notes Related ASNs Due List R/R List

View: [Standard View] Print Version Export

SA Release No.	Release Date	Cumulative Qty.	Unit	Release Horizon	Last ASN No.	Div. Date (Last ASN)	Qty (Last ASN)	Supplier CQ
<input type="radio"/> 20	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0
<input type="radio"/> 19	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0
<input type="radio"/> 18	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0

C. SA Schedule Line details screen

To view the schedule line details of a given release select the latest release number (which appears at the top) and click on *Display SL*

Release History - Product 184000059 (Scheduling Agreement 5500000046 Item 10) Ship-To Location : A501

Display SL Print Acknowledge Reject Compare Releases Notes Related ASNs Due List R/R List

View: [Standard View] Print Version Export

SA Release No.	Release Date	Cumulative Qty.	Unit	Release Horizon	Last ASN No.	Div. Date (Last
<input checked="" type="radio"/> 20	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021
<input type="radio"/> 19	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021
<input type="radio"/> 18	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021

The Release detail section specifies the quantities of the material required and the date for delivery, commitment level etc.

SA Schedule Lines for Release Number - 21

Create ASN Notes

View: [Standard View] Print Version Export

Period	Shipping Date	Delivery Date	Schedule Line Quantity	Due Quantity	UoM	Commitment Level	Cml. Sched. Qty	Change No.
<input type="checkbox"/> Day	24.11.2021	25.11.2021	50	50	ST	Production and Material Go-Ahead	2,880	
<input type="checkbox"/> Day	24.11.2021	25.11.2021	50	50	ST	Production and Material Go-Ahead	2,930	
<input type="checkbox"/> Day	15.12.2021	16.12.2021	100	100	ST	Production and Material Go-Ahead	3,030	
<input type="checkbox"/> Day	21.12.2021	22.12.2021	130	130	ST	Production and Material Go-Ahead	3,160	
<input type="checkbox"/> Day	12.01.2022	13.01.2022	100	0	ST	Forecast	3,260	

5. How to compare releases of SA lines.

With SNC, supplier can compare any two release lines.

This can be done from the release details screen, by clicking on the compare release tab.

Release History - Product 184000059 (Scheduling Agreement 5500000046 Item 10) Ship-To Location : A501

[Display SL](#)
[Print](#)
[Acknowledge](#)
[Reject](#)
[Compare Releases](#)
[Notes](#)
[Related ASNs](#)
[Due List](#)
[R/R List](#)

View: [\[Standard View\]](#) [Print Version](#) [Export](#)

SA Release No.	Release Date	Cumulative Qty.	Unit	Release Horizon	Last ASN No.	Dlv. Date (Last ASN)	Qty (Last ASN)
<input checked="" type="radio"/> 21	07.12.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300
<input type="radio"/> 20	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300
<input type="radio"/> 19	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300

By default, the last two releases are selected, and comparison is made based on the delivery date.

However, user can select any two release and compare them by clicking on the *compare release tab*

[Compare Releases](#) [Release Details](#)

View: [\[Standard View\]](#) [Print Version](#) [Export](#)

<input type="checkbox"/>	SA Release No.	Release Date	Cumulative Qty	UoM	Release Horizon
<input type="checkbox"/>	22	07.12.2021	1,710	ST	30.12.9999
<input type="checkbox"/>	21	07.12.2021	1,710	ST	30.12.9999
<input type="checkbox"/>	20	28.10.2021	1,710	ST	30.12.9999
<input type="checkbox"/>	19	28.10.2021	1,710	ST	30.12.9999
<input type="checkbox"/>	18	28.10.2021	1,710	ST	30.12.9999

The delta quantity will show difference between the two release.

Comparison of SA Releases - New Release No.22 and Old Release No.21

View: [\[Standard View\]](#) [Print Version](#) [Export](#)

Period	Ship. Date	Delivery Start Date	Release No.21 Quantity	Release No.21 Cumulative Quantity	Release No.22 Quantity	Release No.22 Cumulative Quantity	Delta Quantity	Delta Cumulative Quantity
Day	03.11.2021	04.11.2021	900	2,610	820	2,530	80-	80-
Day	05.11.2021	06.11.2021	0	2,610	50	2,580	50	30-
Day	06.11.2021	07.11.2021	0	2,610	50	2,630	50	20
Day	18.11.2021	19.11.2021	120	2,730	120	2,750	0	20
Day	24.11.2021	25.11.2021	200	2,780	200	2,800	0	20
Day	15.12.2021	16.12.2021	100	3,030	100	3,050	0	20
Day	21.12.2021	22.12.2021	130	3,160	130	3,180	0	20
Day	12.01.2022	13.01.2022	100	3,260	100	3,280	0	20

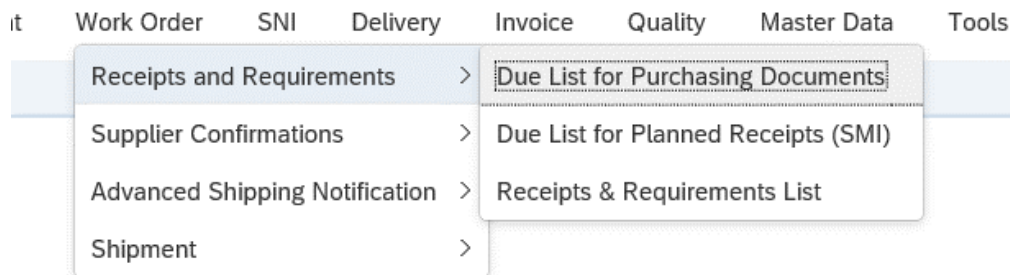
6. How to create ASN (Advance Ship Notification) for a schedule line item in due.

There are multiple ways to create ASN for a scheduling line item.

A. From Due list of purchasing document screen:

Using this option, one ASN can be created for multiple products.

In the Menu go to Delivery → Receipts and Requirements → Due list of Purchasing documents



In the Active Queries, make sure *Due list Overview* is selected as shown.

Active Queries

Worklists **Duelist Overview (45)**

Navigation Results **Navigation from other screens (7)**

Once the query is loaded, click on the *refresh* link on the bottom of the screen. This will refresh the PO due list screen with up-to-date data.

View: [Standard View] ▼ Create ASN Related ASNs Document UoM Print Version Export ▼ ⚙️										
<input type="checkbox"/>	Purchasing Group	SL No.	Item No.	Order Type	Order Number	Product	Product Description	Due Quantity	UOM	Net Price
<input type="checkbox"/>		4	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	190	ST	0.00
<input type="checkbox"/>		5	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	100	ST	0.00
<input type="checkbox"/>		1	20	Forecast Delivery Schedule	5500000045	184602210	Vzmet nastavlj.	30	ST	0.00
<input type="checkbox"/>		6	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	130	ST	0.00
<input type="checkbox"/>		7	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	260	ST	0.00
<input type="checkbox"/>		8	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	390	ST	0.00
<input type="checkbox"/>		2	20	Forecast Delivery Schedule	5500000045	184602210	Vzmet nastavlj.	100	ST	0.00
<input type="checkbox"/>		9	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	120	ST	0.00
<input type="checkbox"/>		10	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	130	ST	0.00
<input type="checkbox"/>		11	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	390	ST	0.00
<input type="checkbox"/>		3	20	Forecast Delivery Schedule	5500000045	184602210	Vzmet nastavlj.	50	ST	0.00
<input type="checkbox"/>		4	20	Forecast Delivery Schedule	5500000045	184602210	Vzmet nastavlj.	120	ST	0.00
<input type="checkbox"/>		12	10	Forecast Delivery Schedule	5500000045	184602202	013U1317 Vzmet nastavlj.	390	ST	0.00
<input type="checkbox"/>		5	20	Forecast Delivery Schedule	5500000045	184602210	Vzmet nastavlj.	600	ST	0.00
<input type="checkbox"/>		6	20	Forecast Delivery Schedule	5500000045	184602210	Vzmet nastavlj.	600	ST	0.00
<input type="checkbox"/>		7	20	Forecast Delivery Schedule	5500000045	184602210	Vzmet nastavlj.	600	ST	0.00

Last Refresh 07.12.2021 18:49:21 CET

Refresh

Use the *Quick Criteria Maintenance* screen to filter the list based on product(material) and customer location.

Use advance option (shown below) to input multiple product numbers/inputs.

Worklists


Duelist Overview (45)


Navigation Results


Navigation from other screens (7)


Worklists - Duelist Overview


Hide Quick Criteria Maintenance


* Customer Location:  *

Ship-From Location: 


Product:  *


Confirmation Status: 


Customer: 


Goods Recipient: 


Maximum Number of Hits: 2,000


To 


To 



To 


To 


To 

























Apply

Clear

Multiple Selection





<input type="checkbox"/>	Option	From	To
<input checked="" type="checkbox"/>		184602202	
<input type="checkbox"/>		184602210	
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

OK

Cancel

Don't forget to click on apply, which will filter the search results.

Hide Quick Criteria Maintenance

* Customer Location:

To

Ship-From Location:

To

Product: 184602202

To

Confirmation Status:

To

Customer:

To

Goods Recipient:

To

Maximum Number of Hits: 2,000

Apply

Clear

Note: The input which you provide in the *Quick criteria Maintenance* will act as the default parameter. Each time you enter the Due list screen, these parameters will stay and filters the search results. So, make sure to click on the *clear* button each time when you use the due list screen.

ASN can be created for single line item or multiple line items in the due list screen.

Use the filter option in the delivery date column, to filter the due list based on the delivery date.

Product Description	Due Quantity	UOM	Net Price	Price Unit	Currency	Delivery Date	Ship
Vzmet nastavlj.	600	ST	0.00	1	EUR	^	C
013U1317 Vzmet nastavlj.	120	ST	0.00	1	EUR	Sort in Ascending Order	C
Vzmet nastavlj.	600	ST	0.00	1	EUR	Sort in Descending Order	C
013U1317 Vzmet nastavlj.	130	ST	0.00	1	EUR	(All)	C
Vzmet nastavlj.	600	ST	0.00	1	EUR	(User-Defined Filter...)	C
VZMET TLACNA fi 12,8x20	20	ST	0.00	1	EUR	11.08.2021	C
013U1317 Vzmet nastavlj.	710	ST	0.00	1	EUR	02.09.2021	C
VZMET TLACNA fi 12,8x20	50	ST	0.00	1	EUR	09.09.2021	C
VZMET TLACNA fi 12,8x20	50	ST	0.00	1	EUR	14.09.2021	C
VZMET TLACNA fi 12,8x20	50	ST	0.00	1	EUR	16.09.2021	C
Vzmet nastavlj.	70	ST	0.00	1	EUR	23.09.2021	C
013U1317 Vzmet nastavlj.	640	ST	0.00	1	EUR	30.09.2021	C
Vzmet nastavlj.	600	ST	0.00	1	EUR	03.10.2021	C
013U1317 Vzmet nastavlj.	130	ST	0.00	1	EUR		C
VZMET TLACNA fi 12,8x20	100	ST	0.00	1	EUR		C

Note: Using the *User-Defined Filter*, you can enter multiple values (delivery dates) for the search. To use multiple values in a search, you can copy them from a table or a text editor and paste them into the select options. You can also enter a range of values. You can use standard copy and paste clipboard functions (CTRL-C and CTRL-V).

Delivery Date

is

Add Criteria To Exclude

Finally, to create the ASN, select the line items which are ready to ship.

Please make one ASN per delivery note you send to Danfoss. If you send more purchase orders on the same delivery note, you must select more Scheduling agreement lines. This is done by clicking the check box on the left side of each line.

View: [Standard View] Create ASN Related ASNs Document UoM Print Version Export

<input type="checkbox"/>	Order Number	Product	Product Description	Due Quantity	UOM	Net Price	Price Unit
<input checked="" type="checkbox"/>	5500000045	184602210	Vzmet nastavlj.	600	ST	0.00	1
<input checked="" type="checkbox"/>	5500000045	184602202	013U1317 Vzmet nastavlj.	120	ST	0.00	1
<input checked="" type="checkbox"/>	5500000045	184602210	Vzmet nastavlj.	600	ST	0.00	1
<input type="checkbox"/>	5500000045	184602202	013U1317 Vzmet nastavlj.	130	ST	0.00	1
<input type="checkbox"/>	5500000045	184602210	Vzmet nastavlj.	600	ST	0.00	1
<input checked="" type="checkbox"/>	5500000046	184000059	VZMET TLACNA fi 12,8x20	20	ST	0.00	1
<input checked="" type="checkbox"/>	5500000045	184602202	013U1317 Vzmet nastavlj.	710	ST	0.00	1
<input checked="" type="checkbox"/>	5500000046	184000059	VZMET TLACNA fi 12,8x20	50	ST	0.00	1
<input checked="" type="checkbox"/>	5500000046	184000059	VZMET TLACNA fi 12,8x20	50	ST	0.00	1
<input type="checkbox"/>	5500000046	184000059	VZMET TLACNA fi 12,8x20	50	ST	0.00	1

When all lines are selected, press the “Create ASN” button. The ASN window will open.

Check	Save Draft	Publish ASN	Reset	Calculate Totals	Download
-------	------------	--------------------	-------	------------------	----------

ASN No.: DN#12345

Customer Location: A501

My Customer Location No.:

Ship-From Location: 0001113570

My Ship-From Location No.:

Delivery Date (ETA): 08.12.2021 19:52:03 CET

Shipping Date: 07.12.2021 19:52:03 CET

Document Date: 07.12.2021 19:22:03 CET

Invoice Recipient:

Number of HUs: 00000

Notes available: ☐

Validation for validation profile P001 (ICH - DE...)

Validation started for validation profile P001 (I...)

Validation for validation profile P001 (ICH - DE...)

ASN Items

Add Item

Delete Item

Copy Item

Round

Packing

Show Details

View: [Standard View] Print Version Export

<input type="checkbox"/>	Item No.	Product	Prod. Desc.	ASN Qty	Supl. Cuml. Qty	Qty UoM	Purch. Doc. No.	PD Item	Purch. Doc. Type	Mfr	MPN
<input checked="" type="checkbox"/>	1	184000059	VZMET TLACNA fi 12,8x20	100		0 ST	5500000046	10	Scheduling Agree...		
<input type="checkbox"/>	2	184602210	Vzmet nastavlj.	600		0 ST	5500000045	20	Scheduling Agree...		
<input type="checkbox"/>	3	184602202	013U1317 Vzmet nastavlj.	120		0 ST	5500000045	10	Scheduling Agree...		
<input type="checkbox"/>	4	184602210	Vzmet nastavlj.	600		0 ST	5500000045	20	Scheduling Agree...		
<input type="checkbox"/>	5	184000059	VZMET TLACNA fi 12,8x20	20		0 ST	5500000046	10	Scheduling Agree...		

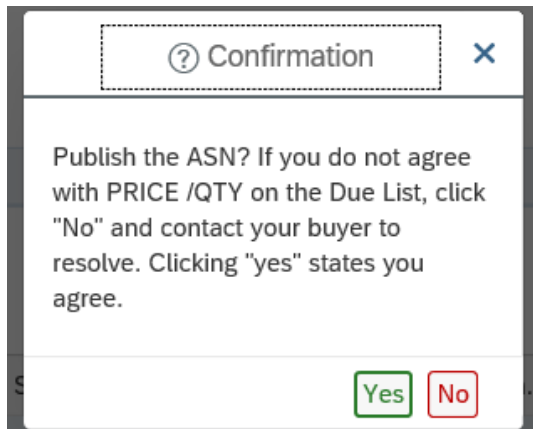
Fill in the Delivery Note number or Invoice number whichever is sent along with the shipment in the ASN number field. Please check, that the shipping date and the delivery date at Danfoss are correct.

By default, shipping date and document date should be current date which is not supposed to be changed and Delivery date will be calculated with respect to transportation time from Current Shipping date.

If you want to change the Shipping date then remove the Delivery date, change Shipping date and click 'Check' which will update the delivery date according to Transportation time from Shipping date.

Finally, click on the button "*Publish ASN*" to send ASN to update Danfoss PO.

Now, you will see a new window pop up for your confirmation on the price & quantity. Please click on 'YES' to agree for price & quantity. ASN will now get published and sent to Danfoss.



Once ASN is published successfully, you can see the ASN status as – *PB Published*

General	Shipping Details	Ship-From Location Details	Customer Location Details	Ship-To Location Details	Unloading Point	Supplier Address Details	Customer Address Details
ASN No.: DN#12345		Delivery Date (ETA): 08.12.2021 19:58:39 CET					
ASN Status: PB-Published		Shipping Date: 07.12.2021 19:58:39 CET					
		Document Date: 07.12.2021 19:28:39 CET					
Customer Location: A501		Invoice Recipient:					
My Customer Location No.:		Number of HUs: 00000					
Ship-From Location: 0001113570		Notes Available: <input type="checkbox"/>					
My Ship-From Location No.:							

All 19
 ✓ Validation for validation profile P001 (ICH - DE...
 ✓ Validation started for validation profile P001 (I...
 ✓ Validation for validation profile P001 (ICH - DE...

B. Create ASN from *Release details* screen.

ASN can also be created from the release details screen as well. However, this will allow you to create ASN for a particular product.

- Click on the Due List in release history:

This option will take you to the due list screen, with the product pre-selected.
You can create ASN by following the steps mentioned in the previous section.

Release History - Product 184000059 (Scheduling Agreement 5500000046 Item 10) Ship-To Location : A501

Display SL Print Acknowledge Reject Compare Releases Notes Related ASNs **Due List** R/R List

View: [Standard View] Print Version Export

SA Release No.	Release Date	Cumulative Qty.	Unit	Release Horizon	Last ASN No.	Div. Date (Last ASN)	Qty (Last ASN)	Supplier CQ
<input type="radio"/> 20	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0
<input type="radio"/> 19	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0
<input type="radio"/> 18	28.10.2021	1,710	ST	30.12.9999	TEST 2 - 13.10	26.10.2021	300	0

Hide Quick Criteria Maintenance Change Query Define New Query Personalize

Customer Location: A501 To

Ship-From Location: To

Product: 184000059 To

Confirmation Status: ☐ To

Customer: To

Goods Recipient: To

Maximum Number of Hits: 100

Apply Clear

View: [Standard View] Create ASN Related ASNs Document UoM Print Version Export

Purchasing Group	SL No.	Item No.	Order Type	Order Number	Product	Product Description	Due Quantity	UOM	Net Price
<input type="checkbox"/>	19	10	Forecast Delivery Schedule	5500000046	184000059	VZMET TLACNA fi 12,8x20	20	ST	0.00
<input type="checkbox"/>	20	10	Forecast Delivery Schedule	5500000046	184000059	VZMET TLACNA fi 12,8x20	50	ST	0.00
<input type="checkbox"/>	21	10	Forecast Delivery Schedule	5500000046	184000059	VZMET TLACNA fi 12,8x20	50	ST	0.00
<input type="checkbox"/>	22	10	Forecast Delivery Schedule	5500000046	184000059	VZMET TLACNA fi 12,8x20	50	ST	0.00
<input type="checkbox"/>	23	10	Forecast Delivery Schedule	5500000046	184000059	VZMET TLACNA fi 12,8x20	50	ST	0.00
<input type="checkbox"/>	24	10	Forecast Delivery Schedule	5500000046	184000059	VZMET TLACNA fi 12,8x20	100	ST	0.00
<input type="checkbox"/>	25	10	Forecast Delivery Schedule	5500000046	184000059	VZMET TLACNA fi 12,8x20	130	ST	0.00

- Select the delivery schedule lines directly from Release details:

User can directly select any delivery schedule lines which does not have commitment level as 'Forecast' and click on create ASN.

SA Schedule Lines for Release Number : 22

Create ASN Notes

View: [Standard View] Print Version Export

Period	Shipping Date	Delivery Date	Schedule Line Quantity	Due Quantity	UoM	Commitment Level	Cml. Sched. Qty	Ch
<input type="checkbox"/> Day	24.11.2021	25.11.2021	50	50	ST	Production and Material Go-Ahead	2,950	
<input type="checkbox"/> Day	15.12.2021	16.12.2021	100	100	ST	Production and Material Go-Ahead	3,050	
<input checked="" type="checkbox"/> Day	21.12.2021	22.12.2021	130	130	ST	Production and Material Go-Ahead	3,180	
<input type="checkbox"/> Day	12.01.2022	13.01.2022	100	0	ST	Forecast	3,280	
<input type="checkbox"/> Day	02.02.2022	03.02.2022	50	0	ST	Forecast	3,330	

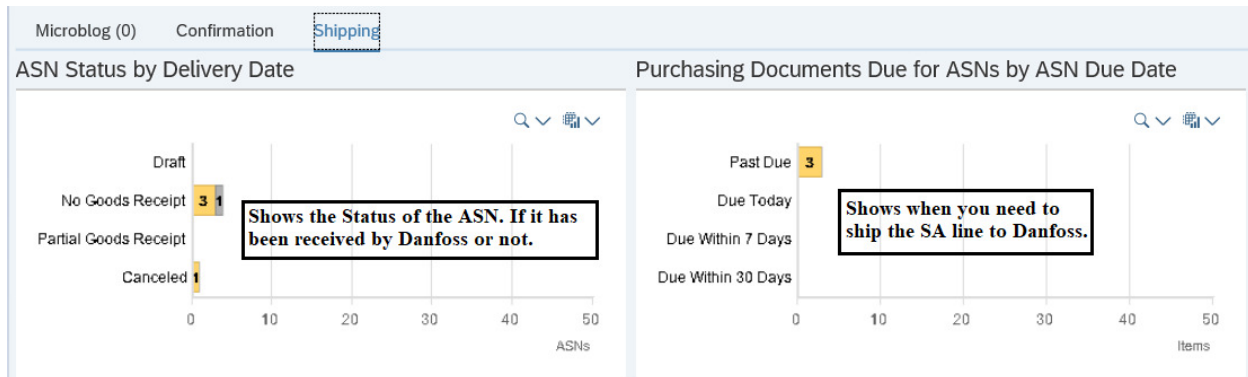
ASN cannot be created for lines which has commitment level as 'Forecast'

7. How to Monitor shipments from ASN.

Once the ASN is created for a shipment, a user can monitor its status in SNC. This can be done in the quick view screen.

In the menu Go to Exceptions → Quick view .

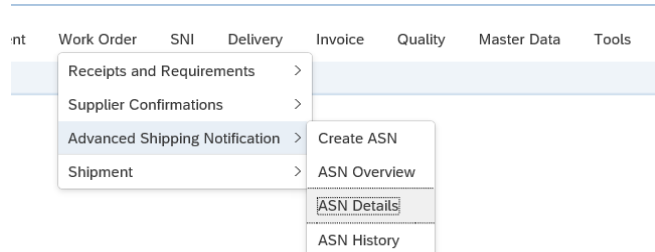
Then click on the shipping tab. The *ASN status by delivery date* gives us the status of the open ASN.



- Draft** – ASN is created but not published by supplier.
- No Goods Receipt** – Parts in transit / goods not received.
- Partial goods receipt** – Parts are received partially
- Cancelled** – ASN was cancelled by the supplier

8 . How to Cancel the wrong ASN and Create New ASN?

To view the created ASNs, in the menu go to Delivery → Advance Shipping Notification → ASN details.



Enter the ASN number details and click on Go

Selection

Show: *

ASN No.:

Inbound Delivery No.:

Packing List:

Bill/Lading No.:

Customer Location:

Ship-From Location:

Click on the button "Cancel ASN". This will cancel the ASN in SNC and will remove the ASN (LA line) from Danfoss system.

[General](#)
[Shipping Details](#)
[Ship-From Location Details](#)
[Customer Location Details](#)
[Ship-To Location Details](#)
[Unloading Point](#)

ASN No.:	DN#12345	Delivery Date (ETA):	08.12.2021	19:58:39	CET
ASN Status:	PB-Published	Shipping Date:	07.12.2021	19:58:39	CET
		Document Date:	07.12.2021	19:28:39	CET
Customer Location:	A501	Invoice Recipient:			
My Customer Location No.:		Number of HUs:	00000		
Ship-From Location:	0001113570	Notes Available:	<input type="checkbox"/>		
My Ship-From Location No.:					

If Danfoss has already used the SNC ASN for Goods receipt, then this ASN cancellation will not update in our system even if SNC allows it to cancel.

Note: SNC will not accept same ASN no. even after the ASN has been cancelled. You must add extra character in the old ASN no., example: '-1', etc.

Or else you can add the letter "A" to the end of your previously used ASN number when creating the new ASN. This way it's clear that the ASN is a revision of a previously published ASN.

Example:

Original ASN: 123 this is the ASN that will be cancelled.

Revised ASN: 123A this is the revised ASN.

9. How do I view Forecast

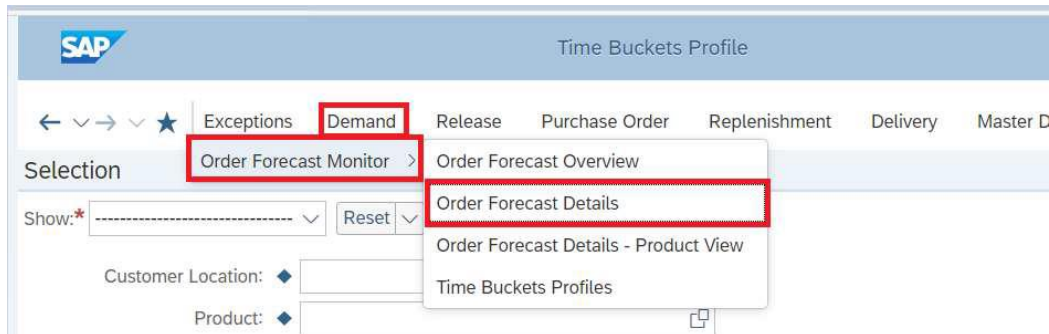
Please be aware, that forecast in SNC represents Danfoss best guess of future requirements on code number level. It changes Daily or Weekly depending on Danfoss order situation, production orders and purchase orders.

If you suspect there is drastic change in forecast , contact planner or purchaser for clarification.

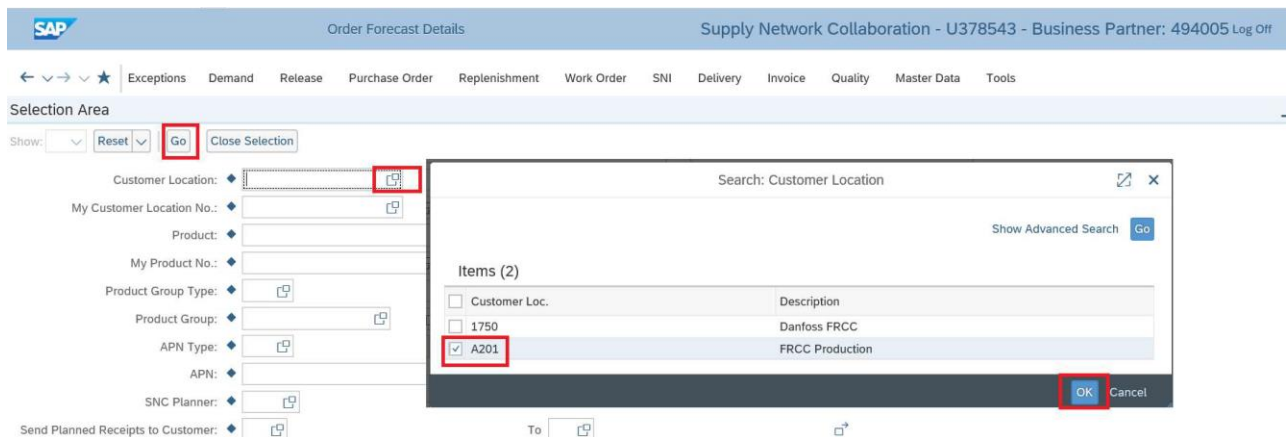
Danfoss has a daily production planning process and normally the production forecasts are updated to SNC daily or weekly.

How do I see forecasts?

Select the menu Demand → Order Forecast Monitor → Order Forecast Details.



Select the Plant for which you need to view the forecast from the field “Customer location” and press the “Go” button.



Note: If you want to view forecast for all the plants together enter * key in “Customer Location” and press “Go”

SAP

Order Forecast Details

Supply Network Collaboration - D0001939 - Business Partner: 1010896 Log Off

←↔⌵★

Exceptions

Demand

Release

Purchase Order

Replenishment

Delivery

Master Data

Tools

Selection Area

Show:⌵⌵Reset⌵GoOpen Selection

Details

GridProduct Data

Details

GridProduct Data

Print Version

Export⌵

Grid Arrangement: Overview - Customer Demand Visibility⌵

Simulate

Save

Audit Trail

Notes On

Personalize

<input type="checkbox"/>	Product	My Product No.	Ship-To Location	Key Figure	Initial	W-49.2021	W-50.2021	W-51.2021	W-52.2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022
<input type="checkbox"/>	184000059		A501	Customer Planned requirements						100	150	150		100	150	100	50	100	50
<input type="checkbox"/>				Customer Firm Requirements	880		250	230											
<input type="checkbox"/>	184602202			Customer Planned requirements						650	510	520	260	640	780	1,290	910	1,680	640
<input type="checkbox"/>				Customer Firm Requirements	3,442	640	130			640									
<input type="checkbox"/>	184602210			Customer Planned requirements						1,880	1,800	1,200	2,100	1,800	1,500	1,800	1,800	2,400	600
<input type="checkbox"/>				Customer Firm Requirements	8,170	600		600											

The forecast detail displayed depends on the Firm and Trade of zone maintained in the Scheduling agreement.

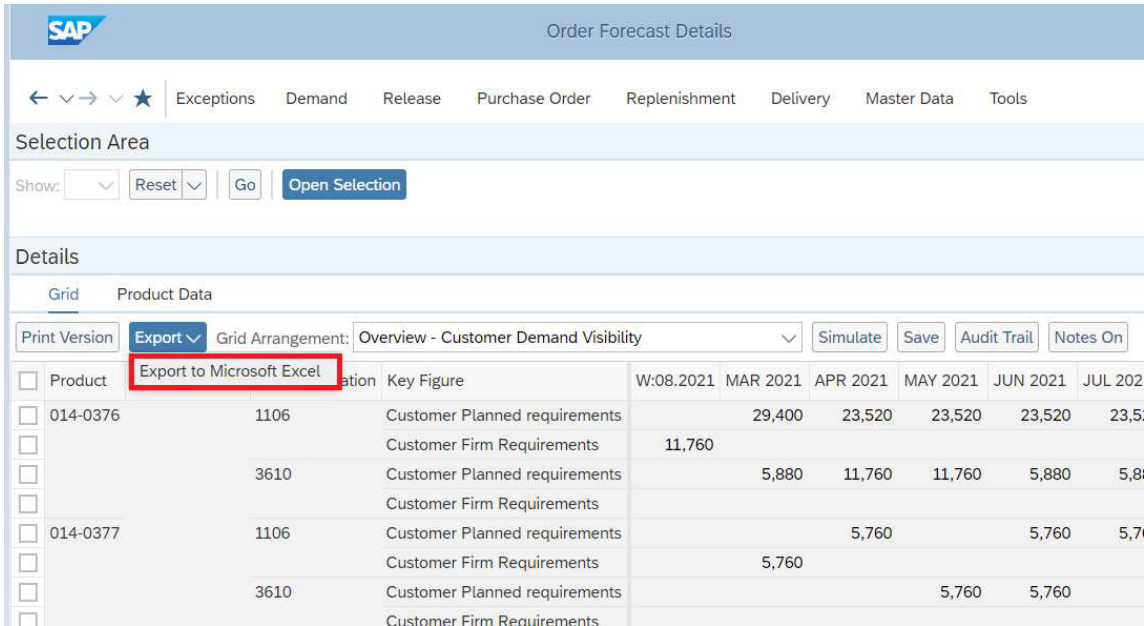
- *Firm zone* is the time frame in which you cannot change your orders (schedule lines) that you have ordered from a vendor in any way (Date change nor quantity change).
- *Trade off zone* is time frame within which you can make changes to your procurement proposals, these changes are acceptable from vendor's side.

All the requirement inside the Firm and Trade of zone are considered as Firm receipts and will be displayed under “*Customer Firm Requirements*”

Any requirements outside Trade of zone will be considered as Forecast and will be displayed under the “*Customer Planned Requirements*”.

“Personalize” button at the right side above months can be used to increase or decrease the displayed rows/columns.

If you want to export the forecast to Microsoft Excel, press the button “Export” and select “Export to Microsoft Excel”.



The screenshot shows the SAP Order Forecast Details interface. At the top, there's a navigation bar with the SAP logo and the title 'Order Forecast Details'. Below this is a menu bar with options: Exceptions, Demand, Release, Purchase Order, Replenishment, Delivery, Master Data, and Tools. A 'Selection Area' is present with a 'Show:' dropdown, 'Reset', 'Go', and 'Open Selection' buttons. The 'Details' section has tabs for 'Grid' and 'Product Data'. The 'Grid' tab is active, showing a table with columns for Product, Key Figure, and forecast periods from W:08.2021 to JUL 2021. A red box highlights the 'Export to Microsoft Excel' button in the top left of the table area. The table contains data for products 014-0376 and 014-0377, showing planned requirements and firm requirements.

Product	Key Figure	W:08.2021	MAR 2021	APR 2021	MAY 2021	JUN 2021	JUL 2021
014-0376	Customer Planned requirements		29,400	23,520	23,520	23,520	23,520
	Customer Firm Requirements	11,760					
014-0377	Customer Planned requirements		5,880	11,760	11,760	5,880	5,880
	Customer Firm Requirements						

The selected data will be extracted in .xls format and can be opened with Microsoft Excel.

Note: When you want to change the view of the forecast period, please contact your respective Danfoss planner/Buyer.

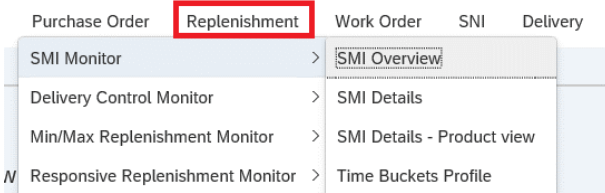
10. How to view Demand using SNC – SMI

The SMI Monitor is a function on the Web user interface (Web UI) of the SAP Inventory Collaboration Hub that supports the business scenario Supplier-Managed Inventory (SMI). Customer (Danfoss) and supplier can use the SMI Monitor to monitor the demand and stock situation of selected products at the customer location.

The SMI Monitor also gives a quick overview of stock situations. The stock information displayed in SMI screen depends on what Danfoss Planners wants to show.

The customer transfers demand and stock data from his or her back-end system to SAP SNC. The SMI Monitor gives a period-orientated, time-series-based view of this data

In the Menu, go to Replenishment → SMI Monitor → SMI Overview



The screenshot shows a SAP menu structure. The 'Replenishment' menu item is highlighted with a red box. A dropdown menu is open, showing options: SMI Monitor, Delivery Control Monitor, Min/Max Replenishment Monitor, and Responsive Replenishment Monitor. The 'SMI Monitor' option is further expanded, showing a sub-menu with 'SMI Overview', 'SMI Details', 'SMI Details - Product view', and 'Time Buckets Profile'.

Menu Item	Sub-Item
Purchase Order	
Replenishment	
Work Order	
SNI	
Delivery	
SMI Monitor	SMI Overview
Delivery Control Monitor	SMI Details
Min/Max Replenishment Monitor	SMI Details - Product view
Responsive Replenishment Monitor	Time Buckets Profile

Colours Description:

If the stock projected of a period shows a critical value, this period will be color-coded. As a supplier you will immediately recognize where problems occur.

The colour code indicates the character of the problem, e.g. "RED" for out of stock level, "Blue" for exceeding the minimum stock level & "Orange" for below minimum stock level in Time Bucket (TB).

Navigation Results - Navigation from Quick View


Hide Quick Criteria Maintenance Change Query Define New Query

Send Planned Receipts: ☐ To ☐

Critical Products: ☐

View: [Standard View]

<input type="checkbox"/> Product	LP Sts	UoM	SoH	PR AH	Global Trade Item No	I	W:43.2021	NOV 2021	DEC 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	Char. Value	Customer Loc.
<input type="checkbox"/> 184000059		ST	2,282	0												A501
<input type="checkbox"/> 184602202		ST	4,349	0												A501
<input type="checkbox"/> 184602210		ST	1,622	0												A501

To add column in the above screen, select Settings with symbol  at the right side. Here you select the column you need and move it to Displayed Columns.

You can also move the column up and down here and then 'Save as' with any Name. Now click 'Initial view' to always see this view and click 'OK' and Click 'Apply'

You can also export to excel the same data from here as highlighted above and use it as needed.

10.1 SMI Detail View:

If you need see the details of single product then select a line and click 'Detail'.

Note: You can also view demand for multiple or all products by selecting the corresponding lines and clicking on *Details*.

Hide Quick Criteria Maintenance Change Query Define New Query

Send Planned Receipts: ☐ To ☐

Critical Products: ☐

View: [Standard View]

<input type="checkbox"/> Product	LP Sts	UoM	SoH	PR AH	Global Trade Item No	I	W:43.2021	NOV 2021	DEC 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	Char. Value	Customer Loc.
<input checked="" type="checkbox"/> 184000059		ST	2,282	0												A501
<input type="checkbox"/> 184602202		ST	4,349	0												A501
<input type="checkbox"/> 184602210		ST	1,622	0												A501



The *Product Data* section has useful information about the product. Here you can see what Stock on Hand at Danfoss for the selected product is.

Product Data

Maintain Location Product | Time Buckets Profile | History Comparison (Inventory) | Inventory Monitor Settings

Loc/Prod/APN: AS01 / 184000059 /
 Product Desc.: VZMET TLACNA R 12.8x20
 My Product No.:
 Customer: DANFOSS
 My Cust. Loc. No.:
 UoM: ST
 LP Sits:
 GTIN:
 Send Planned Receipts: No
 Char Value:

SoH: 2,282
 Unrestr./Cons.Stk: 0/2,282
 Q/C Stk: 0/0
 B/C Stk: 0/0
 Min/Max Stk: 16/0
 Stk Transf./Cons.Stock: 0/0
 Lead Time (Hours): 24:00

Last Update Inv.: 28.10.2021 14:18:24
 Last Update Dem.: 28.10.2021 14:21:29
 Last Update ASN: 28.10.2021 14:29:46

The first red box Unrestr./Cons Stock shows what is the Danfoss Stock On Hand and the stock on hand at consignment location respectively.

This data is refreshed every data. To make sure the latest data is visible please check the last update section (2nd red box) this should show the current date.

If there is discrepancy in the date, please contact your Danfoss planner.

Click on Personalize at the right side of the Key Figures and tick unwanted rows like Average and Raw Net Demand and 'Save as' in your name with tick as initial view.

SMI Details screen

Maintain Location Product | Time Buckets Profile | History Comparison (Inventory) | Inventory Monitor Settings

Loc/Prod/APN: AS01 / 184000059 /
 Product Desc.: VZMET TLACNA R 12.8x20
 My Product No.:
 Customer: DANFOSS
 My Cust. Loc. No.:
 UoM: ST
 LP Sits:
 GTIN:
 Send Planned Receipts: No
 Char Value:

SoH: 2,282
 Unrestr./Cons.Stk: 0/2,282
 Q/C Stk: 0/0
 B/C Stk: 0/0
 Min/Max Stk: 16/0
 Stk Transf./Cons.Stock: 0/0
 Lead Time (Hours): 24:00

Last Update Inv.: 28.10.2021 14:18:24
 Last Update Dem.: 28.10.2021 14:21:29
 Last Update ASN: 28.10.2021 14:29:46

Key Figures

Grid | Graphic

Print Version | Export | Grid Arrangement: SMI Overview | Save | Propose Planned Receipts | Audit Trail | History Comparison | ASN Overview | Expand All | Collapse All | Notes On | Personalize

Product/Customer Location/Key Figure	Initial	W-49.2021	W-50.2021	W-51.2021	W-52.2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022
Product/Customer Location/Key Figure															
184000059															
AS01															
Demand	100			50		150	100	100	100	100	150	100	50	100	50
Average Demand															
Raw Net Demand															
Planned Receipts															
In-Transit Quantity	1,020														
Projected Stock	3,202	3,202	3,202	3,152	3,152	3,002	2,902	2,802	2,702	2,602	2,452	2,352	2,302	2,202	2,152
Days' Supply	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00	9,999.00
Minimum Proposal															
Maximum Proposal															
Minimum Stock	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Maximum Stock															

Key Figures in SMI Detail -Product View Screen

Initial

This key figure represents the demand in past due (before current date).

Demand

This key figure represents the quantity of Planned independent requirement, which is same as in ERP, exclusion of Planned orders.

In-Transit Quantity

This key figure represents the total quantity in a period that is on the way to a customer but which the customer has not yet received.

Once supplier creates ASN and the shipment is not received yet by Danfoss, they can see the ASN quantity appearing here.

Minimum stock

This key figure represents the minimum quantity that must be in stock at the customer in a period. Minimum stock is taken from **safety stock** maintained in Danfoss ERP and this is transferred to SNC. SNC will trigger alert to supplier when stocks below this limit.

Maximum stock

This key figure represents the quantity that the supplier must deliver to the customer in a period so that the projected stock reaches the agreed minimum stock level at the end of the period.

Maximum stock is transferred from Danfoss backend ERP to SNC. SNC will trigger alert to supplier when stocks above this limit.

Projected Stock:

The system calculates the Projected stock(SMI) as follows:

$$(Projected\ stock)_i = (projected\ stock)_{i-1} + (in-transit\ quantity)_i + (planned\ receipts)_i - demand_i$$

We can trigger alert for this too i.e. below or above projected stock.

Calculation Procedure for Projected Stock

To calculate projected stocks for a location product, the system starts with the situation on the current day and first calculates the projected stock for this day. This is the stock that is expected to be available in the location at the end of this day. Based on this value, the system calculates the projected stock for the following day by subtracting the demands and adding the receipts from the current day. Based on this value, the system calculates the projected stock for the day after next, and so on. The following provides an overview of the calculation steps.

11. How do I logoff from SNC Portal?

You can logoff from SNC portal by pressing 'Logoff' on top right of screen and click 'Yes'.

