Section 2
<Ordering>

Purpose: Explains ordering process for mass production including backorder management. Ordering will be done on a daily or weekly frequency and sent via EDI or posted to the NASWEB site. Other subjects that impact ordering (Design Change and Phase Out) are covered in other sections of this manual.

Table of Contents

DOMESTIC WEB ORDERING SYSTEM (DWOS) OVERVIEW

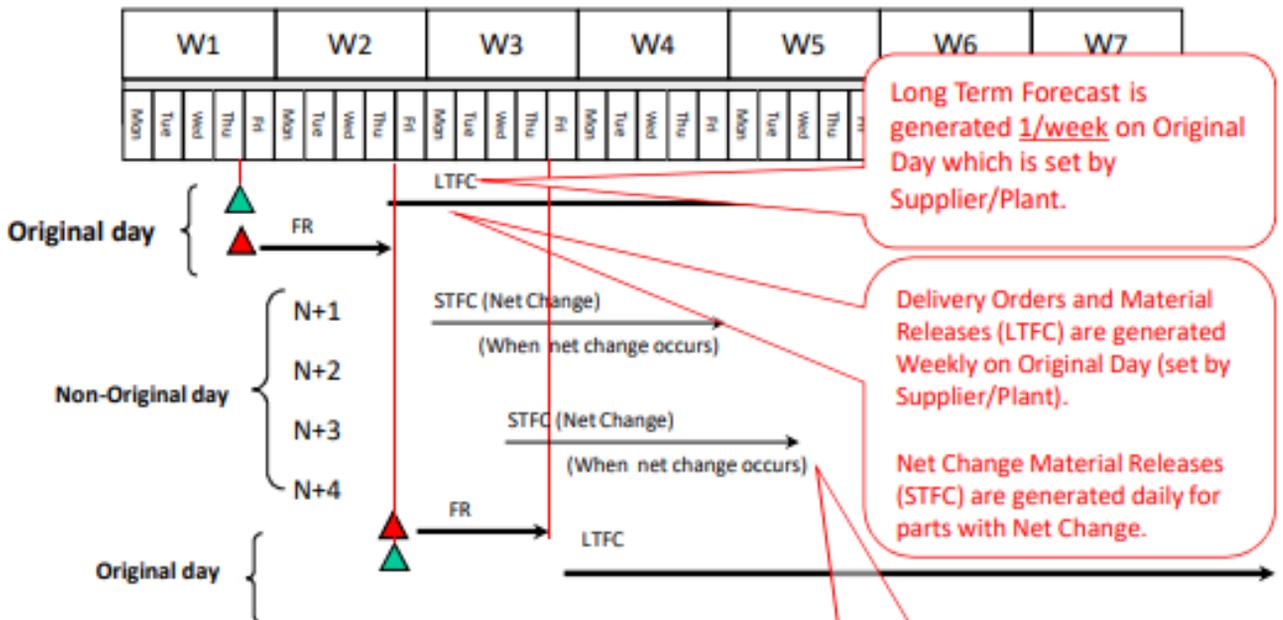| SUBJECT	LONG RANGE FORECAST	SHORT RANGE FORECAST	FIRM
Issue Frequency	Weekly On Original Day	As Required On Non-original Day	*Daily/weekly
Term	24 Weeks	Up to 16 Weeks	Varies
Method	WEB	WEB	WEB
Time	6:00 am EST	6:00 am EST	6:00 am EST
E-mail Notification	Yes	Yes	Yes
Tracking	N/A	N/A	Delivery Order

*Firm orders are issued two different ways:

(1) Weekly: Firm orders issued on original day only
(2) Daily: Firm orders are issued any day M-F at plant's choice.

(1) DWOS-ORDER ISSUE TIMING (Weekly)

Diagram of Order Issue Timing:

▲ Firm Orders

▲ Assume Thursday as Original Day

Long Term Forecast is generated 1/week on Original Day which is set by Supplier/Plant.

Delivery Orders and Material Releases (LTFC) are generated Weekly on Original Day (set by Supplier/Plant).

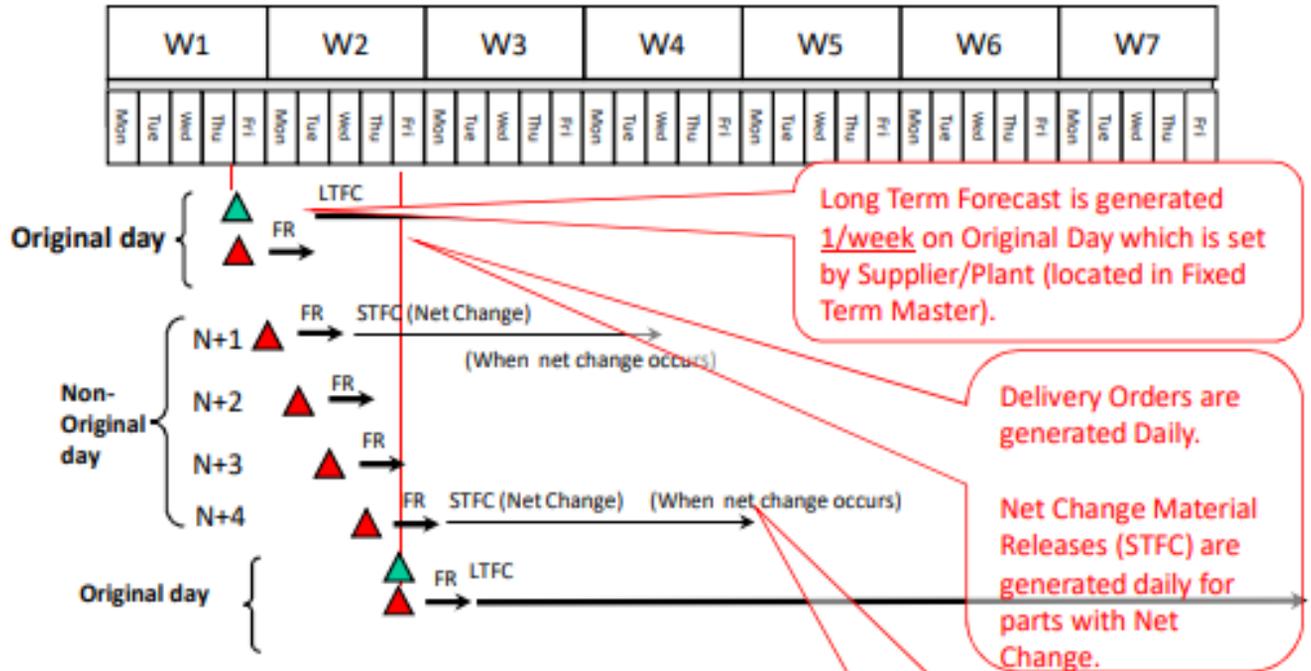Net Change Material Releases (STFC) are generated daily for parts with Net Change.

Short Term (Net Change) Forecast is optionally generated based on:

1. % limits set for the part in the DPPSIM.
2. Part set up as Phase Out.
3. New Part
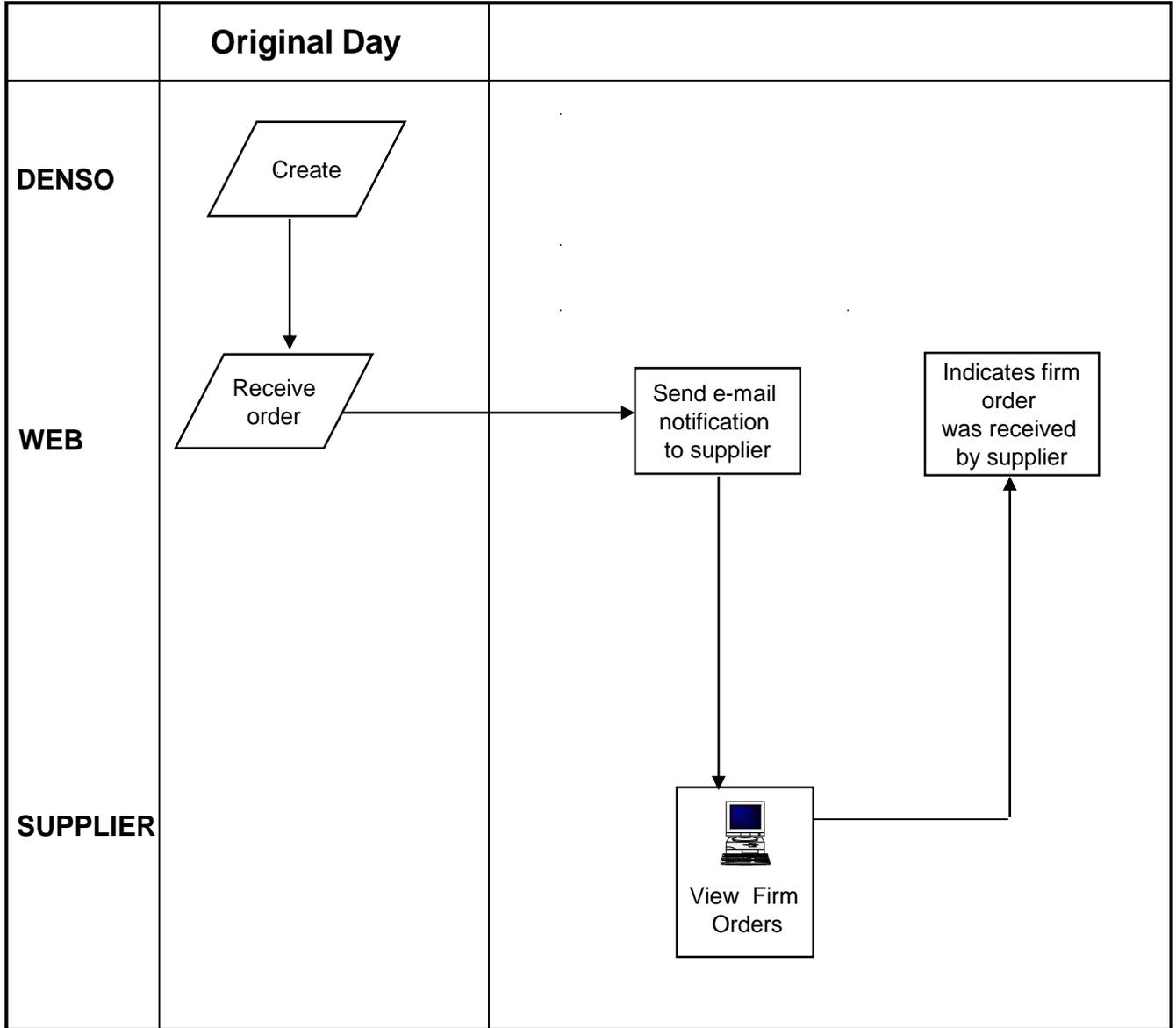4. Non-normal Inventory Transactions.

Key

LTFC : Long Term Forecast (24 weeks)

Range between 4-24 weeks daily buckets
Range between 0-20 weekly buckets

STFC : Short Term Forecast
Range between 1 – 80 days (by Supplier)

(2) DWOS-ORDER ISSUE TIMING (Daily)

Diagram of Order Issue Timing:

▲ Firm Orders
▲ Assume Thursday as Original Day

Long Term Forecast is generated 1/week on Original Day which is set by Supplier/Plant (located in Fixed Term Master).

Delivery Orders are generated Daily.

Net Change Material Releases (STFC) are generated daily for parts with Net Change.

Short Term (Net Change) Forecast is optionally generated based on:

1. Fluctuation % limits set for the part in the DPPSIM.
2. Part set up as Phase Out.
3. New Part
4. Non-normal Inventory Transactions.

Key

LTFC : Long Term Forecast (24 weeks)

Range between 4-24 weeks daily buckets
Range between 0-20 weekly buckets

STFC : Short Term Forecast
Range between 1 – 80 days (by Supplier)

DWOS-ORDER ISSUE ROUTING OVERVIEW

	Original Day	
DENSO	Create	
WEB	Receive order	Send e-mail notification to supplier Indicates firm order was received by supplier
SUPPLIER		View Firm Orders

DENSO

Denso International America, Inc. and related subsidiaries

LONG RANGE FORECAST-ORDERS VIEW

Click on "Forecast Orders" under "Order Overview" tab

LONG RANGE FORECAST-.XLS FILE VIEW

FIRM ORDER

PURPOSE	To provide a firm shipping order (Delivery Order). This page will provide an explanation of the timing, responsibility, and information flow associated with Firm Orders.
TIMING	DENSO: Issued to supplier based on DMTN planner/supplier agreement.
CREATED BY	DENSO P.C.
ROUTING DENSO WEB PROVIDER SUPPLIER	Send Firm Order with D.O.# to Web-site Display Firm Orders Send E-mail notification to supplier Indicates order was received by supplier View Firm Orders

FIRM ORDER VIEW

Click on "Firm Orders" under "Order Overview" tab.

(1.) Shows Firm Orders listed in Excel format

(2.) Shows Firm Orders as they are sent in raw EDI format

FIRM ORDER CHANGE

PURPOSE	To inform the supplier of changes to a Firm Order after the DMTN Firm Order has been issued.
TIMING	DENSO: Sent to the supplier the day the order is changed.
CREATED BY	DENSO P.C.
ROUTING DMTN WEB PROVIDER SUPPLIER	

ROUTING

DMTN

```
Call supplier to confirm order change → Change Order → ◇ Type of change

Type of change --Decrease--> Reissue entire order with revised DO #

Type of change --Increase--> Add new order
```

WEB PROVIDER

```
Add new order → Order is sent to web-site
Reissue entire order with revised DO # → Order is sent to web-site
Order is sent to web-site → Send E-mail notification to supplier
```

SUPPLIER

```
Send E-mail notification to supplier → Receive E-mail → View and download order
```

FIRM ORDER CHANGE SCREEN VIEW

➢ When Firm orders are changed, a new DO# is created adding "01" to the end of the original

➢ The original order is moved to the "Firm Order History" and the change is loaded to current "Firm Orders."

*Note: If supplier already shipped against the original DO#, contact your PC Planner to make clear shipping details to avoid shortage & paperwork issues.

Denso International America, Inc. and related subsidiaries

FIRM ORDER CHANGE SCREEN VIEW (Continued)

DENSO NORTH AMERICA

| Order Overview ∨ | Create Customer Tag | NAIL | BPO Download | Account ∨ | Downloads | Safety Stock | Log Out |

Firm Order History

Data Type Order Documents ∨   Customer DMTN - DENSO MANUFACTURING TENNESSEE ∨   Supplier Id A21608 ∨

Click an icon to open a document.

Delivery Order #	Issued Date ▲	Due Date	Shipping Schedule	Tag	Ship Notice
70626064	06/14/2017	06/26/2017	⚠	⚠	📄
70627024	06/14/2017	06/27/2017	⚠	⚠	📄
70628041	06/14/2017	06/28/2017	⚠	⚠	📄
70629029	06/14/2017	06/29/2017	⚠	⚠	📄
70630057	06/14/2017	06/30/2017	⚠	⚠	📄
70705055	06/21/2017	07/05/2017	⚠	⚠	📄
70706034	06/21/2017	07/06/2017	⚠	⚠	📄
70707035	06/21/2017	07/07/2017	⚠	⚠	📄
70710087	06/28/2017	07/10/2017	⚠	⚠	📄
70712058	06/28/2017	07/12/2017	⚠	⚠	📄
70714050	06/28/2017	07/14/2017	⚠	⚠	📄
70713048	06/28/2017	07/13/2017	⚠	⚠	📄
70711038	06/28/2017	07/11/2017	⚠	⚠	📄
70828011	06/29/2017	08/28/2017	⚠	⚠	📄
	5/2017	07/18/2017	⚠	⚠	📄

ORIGINAL ORDER

Total: 158 orders   « Prev 1 2 3 4 5 6 7 8 9 [10] 11 Next »

Issued: 2017

DELIVERY ADJUSTMENT REQUEST

PURPOSE	To notify DENSO P.C. that a delivery will not be made on time and to provide the supplier's promise of make-up delivery.
TIMING	ASAP upon supplier's realization that delivery will not be on time. If DENSO can accept the adjusted date, the order will be modified.
CREATED BY	SUPPLIER
ROUTING DENSO WEB PROVIDER SUPPLIER	

ROUTING flow:

DENSO:
- Negotiate with Supplier ← Not OK — Check — OK → Change Firm Order

WEB PROVIDER:
- Send E-mail notification to DENSO GC
- Display Changed Orders

SUPPLIER:
- Realize need to reschedule → Create Delivery Adjustment Request → View Changed Orders

RECEIVING DISCREPANCY

ASN Status [DO# 30405033]   [DENSO MANUFACTURING MICHIGAN]

ASN Number	Last Modified	ASN Sent	Shipment Received	Status	View Errors	View DO	Edit	Delete	Send ASN	Cancel ASN
New							⊡			
001002743	04/05/2013 13:29		04/05/2013	Parts Rcv w/o ASN		📄				
001002742	04/05/2013 13:26	04/05/2013 13:27		Receiving Discrepancy	📄	📄				
001002740	04/05/2013 12:53	04/05/2013 13:09		Cancelled		📄				

> ➤ If physical receiving qty does not match ASN qty, a discrepancy report will be posted to NASWEB with details.

> ➤ Report contains part #, ASN qty and Actual Received qty.

Print Date: 04/05/2013   **DENSO MFG. MICHIGAN, INC.**   Page: 1
                                  SHIPPING DISCREPANCY REPORT

Plant / Dock . : DMMIM1 / S1   Orig Delivery Ord: 30319030
ASN Number. : 001002744   Curr Delivery Ord: 30319030
Supplier Code: K97   Truck Route: MN1-391
AINAK - K97

Part Number	Description	ASN QTY	Rcvd Qty	Discrepancy	Error Msg
AA146540-2810	BRACKET	24	12	12	Quantity Short

> ➤ If this report is posted, please follow up with Denso PC and the NAGC Trade Compliance department ASAP to avoid payment issues (Trade Compliance Contact list located in "General" section on DIAM Website).

BACKORDER MANAGEMENT

PURPOSE	To Provide shipping information for all make-up shipments for DENSO when a partial was shipped against the original order. To provide a method for the supplier to track backordered shipments.
TIMING	SUPPLIER: At the time of shipping. Note: DENSO expects all backordered parts to be expedited at the supplier's expense. All Backorders to be shipped in FIFO Order by due date
CREATED BY	The supplier should create Delivery Orders and Labels from the Web-site to ship backordered parts.
ROUTING **DENSO** **WEB PROVIDER** **SUPPLIER**	Send Firm Order with D.O.# to Web-site Display Firm Orders → Send E-mail notification to supplier View Firm Orders → Indicates order was received by supplier