

# CHANGE OF REL SYSTEM (BPI/EA)

BRIEFING FOR DISTI

日付 : AUG XX, IN 2016  
RENESAS ELECTRONICS CORPORATION

日付入力

# Agenda

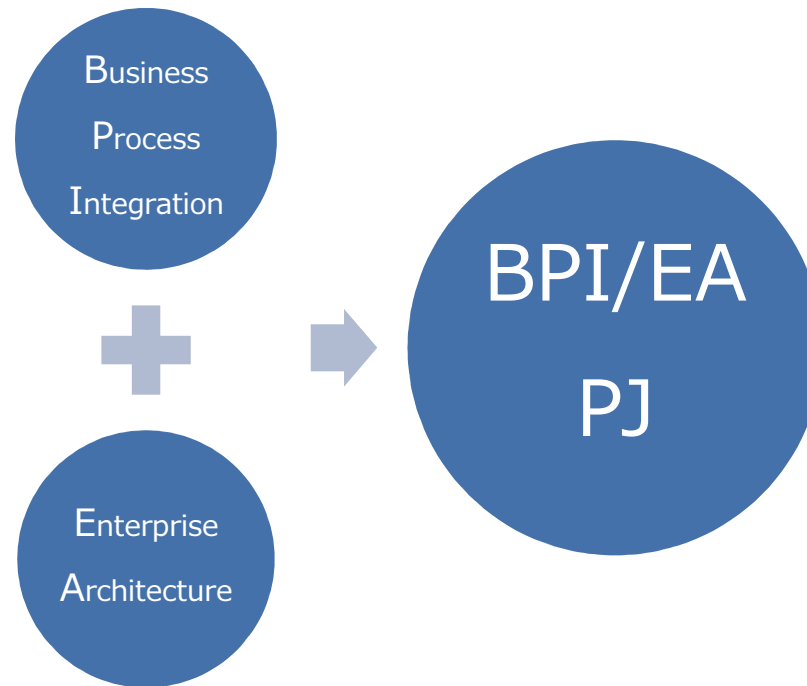
1. BPI/EA Project Overview and Schedule
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  - 1-3. Mater Schedule
  - 1-4. Schedule for Agent
2. Change List of Business and System
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  - 2-2. Accounting period Change
  - 2-3. Introduction of the successor tool of Salesweb (BI-WebFront)
  - 2-4. Offshore DC summary
  - 2-5. Changes of System and Operation
  - 2-6. Documents changes to Tokuyakuten
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## 1-1. What is BPI/EA ?

REL has plan of New system that is renewal of S/W based on Enterprise Architecture.  
And BPI will be implemented at same time.(BPI:Business Process Integration)  
Business operation and existing system would be changed.

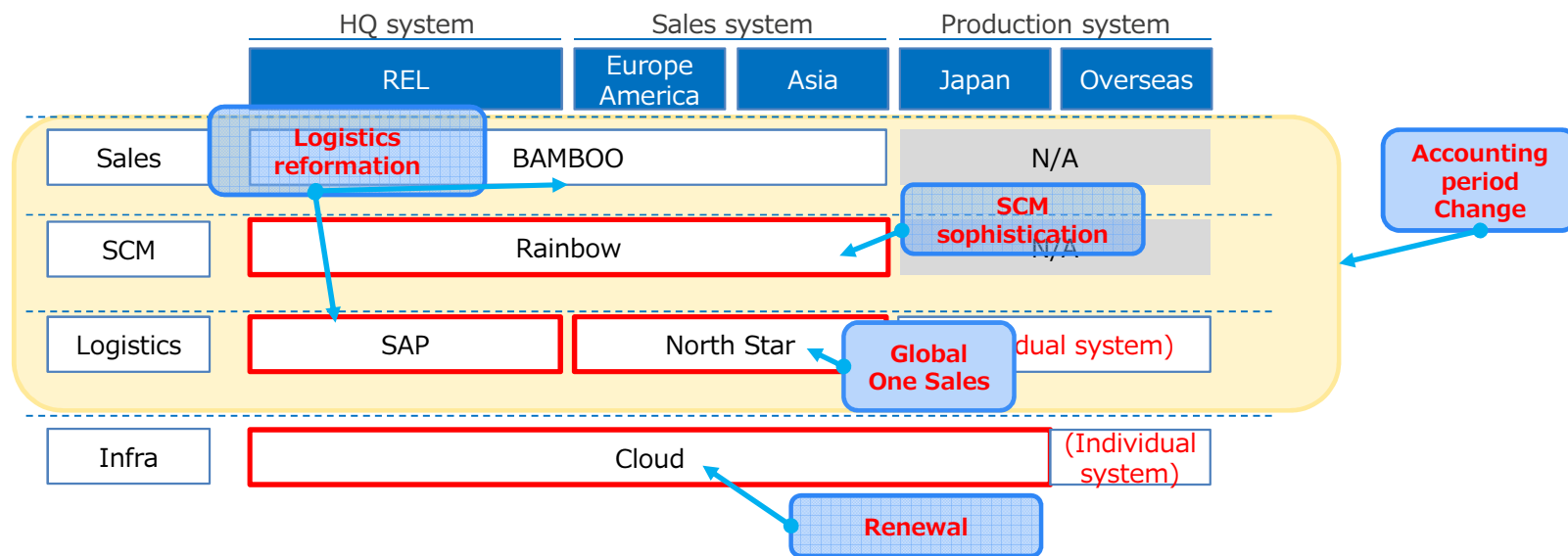


## 1-2. BPI/EA Project Overview

Scope of this project is the follows.

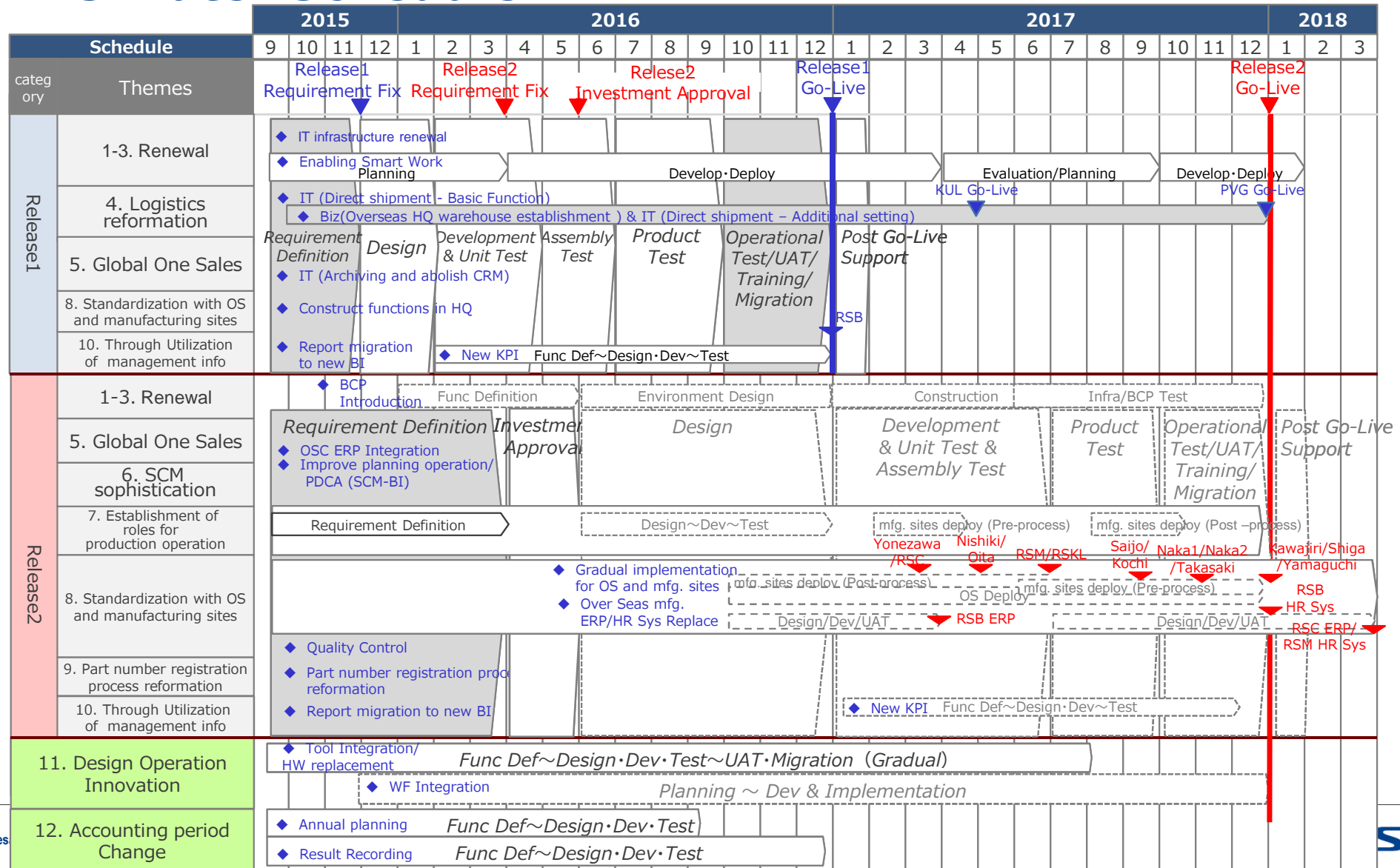
Renewal of Server H/W that will be out of maintenance at 2017.

Requested of Business structure is changed and new business.

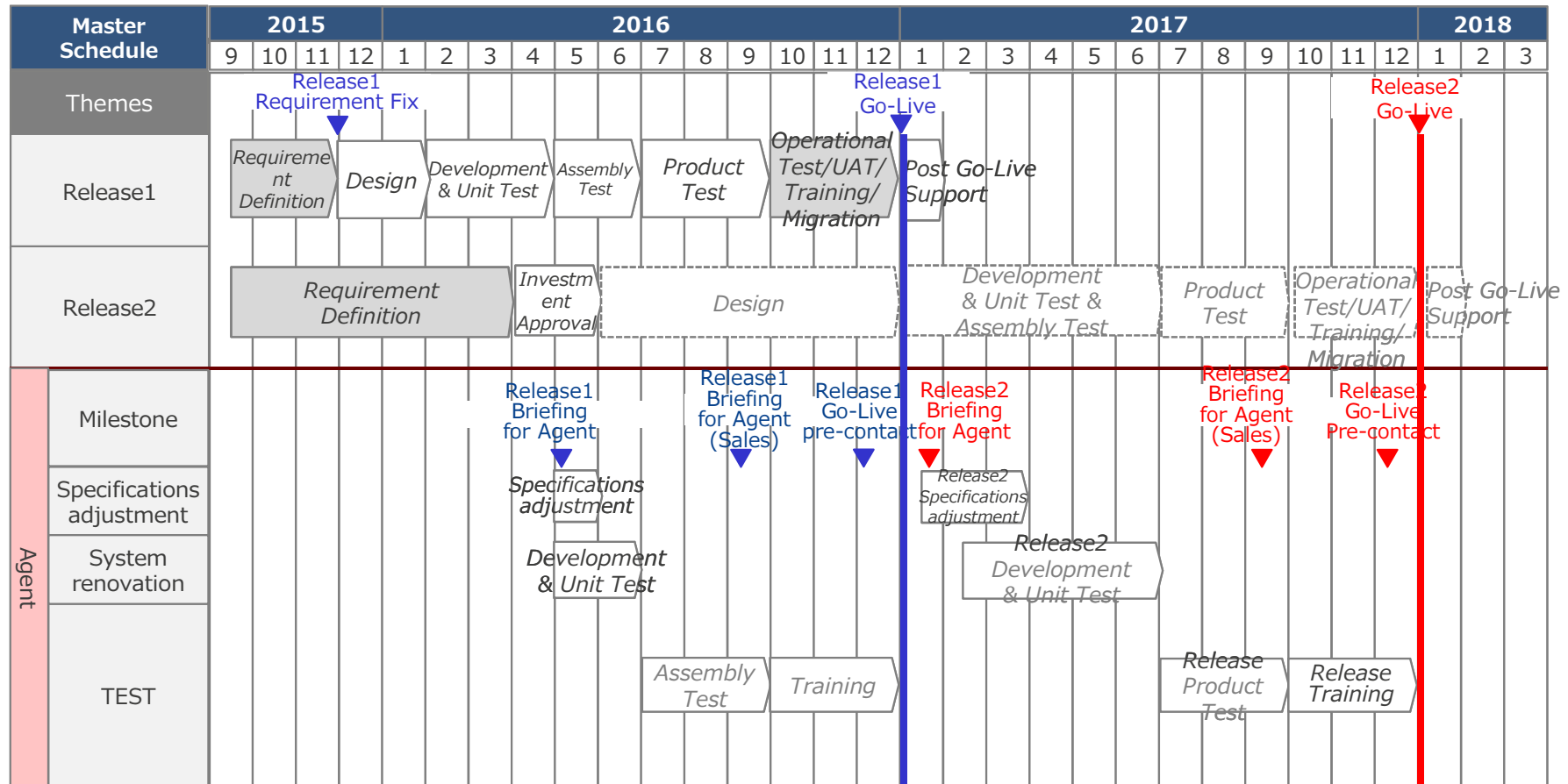


# 1-3.Mater Schedule

Legend	◆ PolicyName	Fixed	Assumed	Biz related Act
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# 1-4.Schedule for Agent



# Agenda

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## 2-1-1.Change List of Business and System

(Release1<sub>(Jan,2017)</sub>)

REL schedules Business and System change as below.  
If these plans are changed, We'll inform it.

### ◆ Release 1 (Jan,2017) Change List of Business and System

	System name	System	Business
SCM	Rainbow	Add functions	Change (a little part)
SFM	Bamboo	No change	No change (planed)
	ROM Code Receipt System	No change	No change (planed)
	COMPASS	Close (Jun.2016)	RFQ will be change to Rainbow. ROM will be change to Bamboo.
	e-SPL	No change	No change (planed)
	QUALIS	No change	No change (planed)
	OPSS	No change	No change (planed)
	Delivery Specifications request System	No change	No change (planed)
Logistics	RE:inkS	No change	No change (planed)
	EXPORT'05/EXAM/EXACT	No change	No change (planed)
	EOL-Judge/LTB	No change	No change (planed)
	Kensyu-kanri system	No change	No change (planed)
Data Warehouse/Mining	Sales Web System	Change to Webfront	Change to Webfront
Production	Wip & Stock Inquiry	No change	No change (planed)
Infra	e-Parcel	Access test	No change (planed)

## 2-1-2.Change List of Business and System

(Release2<sub>(Jan,2018)</sub>)

REL schedules Business and System change as below.

REL inform you of details by an explanatory meeting of Release2.



### ◆ Release 2 (Jan,2018) Change List of Business and System

	System name	System	Business
SCM	Rainbow	No change	No change (planned)
SFM	Bamboo	No change	No change (planned)
	ROM Code Receipt System	No change	No change (planned)
	e-SPL	No change	No change (planned)
	QUALIS	No change	No change (planned)
	OPSS	Renewal	Change (a little part)
	Delivery Specifications request System	No change	No change (planned)
Logistics	RE:inkS	No change	No change (planned)
	EXPORT'05/EXAM/EXACT	No change	No change (planned)
	EOL-Judge/LTB	No change	No change (planned)
	Kensyu-kanri system	Add check pattern	Change (a little part)
	G3 (REL ASIA ERP)	Change to NS	Change (a little part)
Production	Wip & Stock Inquiry	No change	No change (planned)
Infra	GT service	No change	GT ID will be changed. GT password will be DS password.

## 2-2. Accounting period Change

- As the Renesas Group further expands its business activities globally moving forward, the change is intended to simplify comparisons of business performance by synchronizing the fiscal term to match that of other international companies in the same field.

- Accounting period of 2016 is defined as a short accounting period for 9 months from 2016/4 to 2016/12, Accounting period of 2017 is defined as a normal accounting period for 12 months from Jan,2017 to Jan,20172.
- Annual planning of 2017 is formulated during from Jan,2017 to Jan,20172.

explanatory notes  
 Biz Operation(Apr.-Mar.)  
 Biz Operation(Jan.-Dec.)

CY		'15/ 10	11	12	'16/ 1	2	3	4	5	6	7	8	9	10	11	12	'17/ 1	2	3	4	5	6	7	8	9	10	11	12	'18/ 1	2	3
FY		FY 2015			FY 2016												FY 2017												FY 2018		
		2015/3Q		2015/4Q		2016/1Q		2016/2Q		2016/3Q		2016/4Q		Jan,2017		2017/2Q		2017/3Q		2017/4Q		Jan,2018									
Biz Activity	Annual planning				FY16 Plan Input									FY17 Plan Input									FY18 Plan Input								
	Result Recording										FY16 Result Recording						FY17 Result Recording														

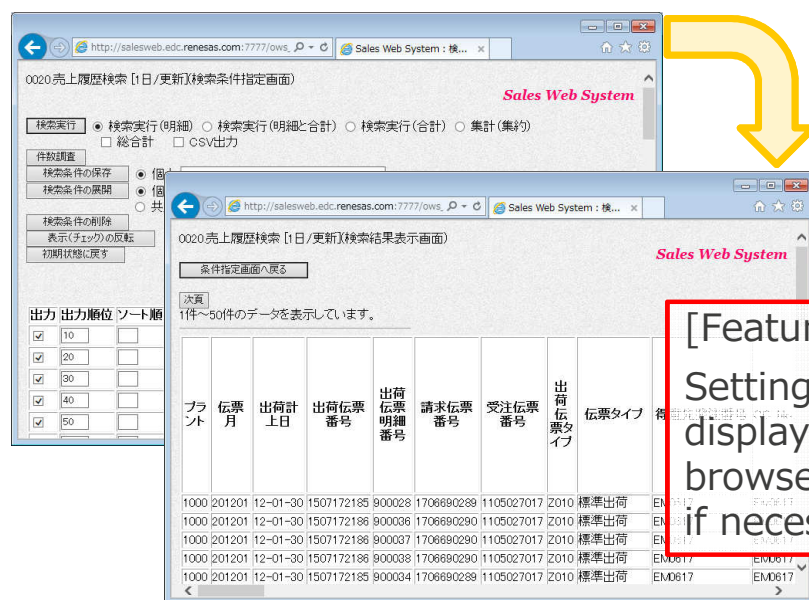
## 2-3. Introduction of the successor tool of Salesweb (BI-WebFront)

From January in 2017, the service via “BI-WebFront” will be started.

BI-WebFront is the replacement of SalesWeb, which will provide almost the same service as SalesWeb's. Along this change, SalesWeb will be abolished the end of December 2016.

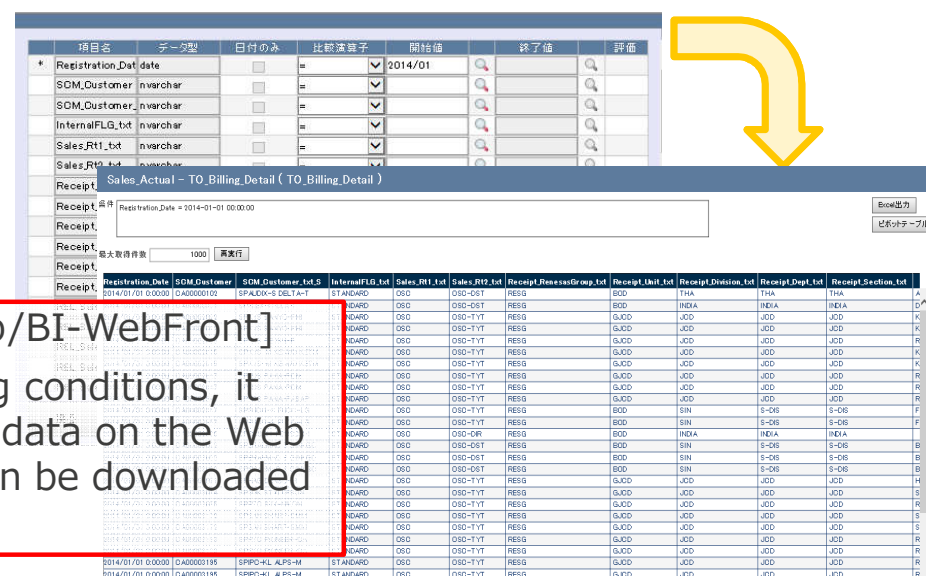
Before

**SalesWeb** (will be terminated by the end of Dec.2016)



After

**BI-WebFront** (will be started from beginning of Jan. 2017)



[Feature of SalesWeb/BI-WebFront]  
Setting the extracting conditions, it displays the detailed data on the Web browser. The data can be downloaded if necessary.

## 2-3. Simple introduction of BI-WebFront

## ①Screen of searching condition

- It will be prepared each screen of searching condition reports by reports.
- In this screen, users can set the searching condition of data he wants to get.
- The searching conditions can be saved.

The screenshot displays a search condition configuration screen. At the top, a text box states: "The searching conditions can be saved." Below this is a table for defining search criteria. The table has the following columns: 項目名 (Item Name), データ型 (Data Type), 日付のみ (Date Only), 比較演算子 (Comparison Operator), 開始値 (Start Value), 終了値 (End Value), and 評価 (Evaluation). The table lists various fields such as Registration\_Date, SOM\_Customer, InternalFLG, Sales\_Rt1, Sales\_Rt2, Receipt\_U, Receipt\_U, Receipt\_U, Receipt\_U, REL\_Sales\_Site, REL\_Sales\_Unit, REL\_Sales\_Divisi, REL\_Sales\_Depar, and REL\_Sales\_Sectio. A red box highlights the text: "[Screen of searching condition] Set the extracting condition." Below the table, there are five buttons: 戻る (Back), バリエーション保存 (Save Variation), バリエーション一覧 (List of Variations), レイアウト設定 (Layout Setting), and レポート実行 (Execute Report). The buttons for "バリエーション保存" and "レポート実行" are highlighted with red boxes.

項目名	データ型	日付のみ	比較演算子	開始値	終了値	評価
Registration_Date	date	<input type="checkbox"/>	=	2014/01		
SOM_Customer	nvarchar	<input type="checkbox"/>	=			
SOM_Customer	nvarchar	<input type="checkbox"/>	=			
InternalFLG	bit	<input type="checkbox"/>	=			
Sales_Rt1	tbl	<input type="checkbox"/>	=			
Sales_Rt2	tbl	<input type="checkbox"/>	=			
Receipt_U	tbl	<input type="checkbox"/>	=			
Receipt_U	tbl	<input type="checkbox"/>	=			
Receipt_U	tbl	<input type="checkbox"/>	=			
Receipt_U	tbl	<input type="checkbox"/>	=			
Receipt_U	tbl	<input type="checkbox"/>	=			
REL_Sales_Site	nvarchar	<input type="checkbox"/>	=			
REL_Sales_Unit	nvarchar	<input type="checkbox"/>	=			
REL_Sales_Divisi	nvarchar	<input type="checkbox"/>	=			
REL_Sales_Depar	nvarchar	<input type="checkbox"/>	=			
REL_Sales_Sectio	nvarchar	<input type="checkbox"/>	=			

[Screen of searching condition]  
Set the extracting condition.

戻る バリエーション保存 バリエーション一覧 レイアウト設定 レポート実行

Searching condition can be saved.  
The searching condition of SalesWeb won't be taken over to WebFront.

## ②Screen of the result of executing reports

- Data which follows the searching condition users set in the screen of searching condition are displayed.
- The data can be downloaded as Excel file.

Sales\_Actual - TO\_Billing\_Detail ( TO\_Billing)

Registration\_No = 2014-01-01 00

Excel出力

The data can be downloaded as Excel file.

最大取得件数: 1000 実行

[Screen of the result of issuing reports]  
Display the data following extracting condition.

Registration_No	SDN_Customer	SDN_Customer_ext_S	Receipt_Division_ext	Receipt_Dept_ext	Receipt_Section_ext
2014/01/01 0:00:00	CA00000102	SPALCOX-S DELTA-T	THA	THA	THA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
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2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
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2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
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2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
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2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
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2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
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2014/01/01 0:00:00	CA00000102	SPBOSCH-B BOSCH-H	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000331	SPFLEX-F FLEX-C	DEXA	DEXA	DEXA
2014/01/01 0:00:00	CA00000102	SPBOSCH-B			

The data can be downloaded  
as Excel file.

[Screen of the result of issuing reports]  
Display the data following extracting condition.

Putting the button "Execute", the data is shown.

## 2-4. OFFSHORE DC SUMMARY

### Logistics reformation

Build global competitive logistics scheme.

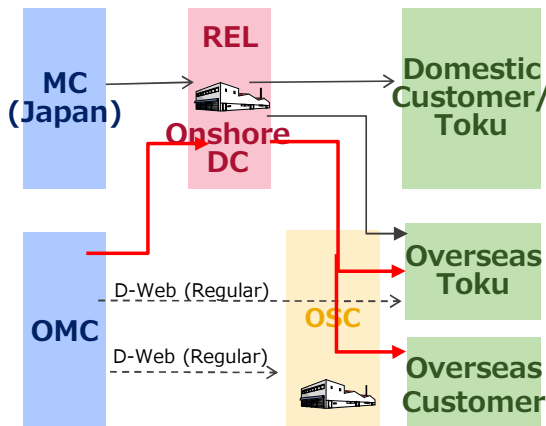
Execute to reduce unnecessary logistics LT and cost by establishing Offshore DC near Oversea factories on behalf of buy-back route to Onshore DC for Manufacture logistics.

Plan

- 2017. May KUL-DC @Malaysia Kuala Lumpur
- 2018. Jan PVG-DC @China Shanghai

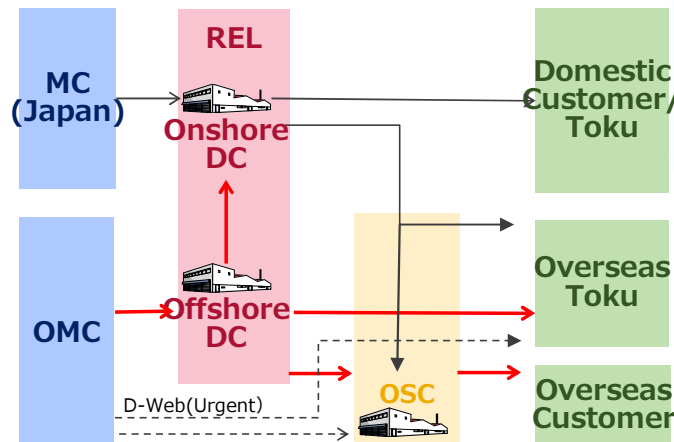
### AS-IS

All of Products are imported from Japan DC and delivered to customer via OSC DC when sell overseas products to overseas customers. When OMC is near Customer, unnecessary logistics cost will be occurred



### TO-BE

Parallel products of Domestic/Overseas can be shipped directly from factory via Domestic/Offshore DC. Expect reduction of logistics LT and cost.



### Basic policy

#### ① Apply REL HQ system to offshore DC

- Execute necessary Customize to HQ W/H system and Export system for offshore DC operations.
- Business route is as the existing condition.

#### ② Operational efficiency as global level

- Regarding the business of overseas product to overseas sales, we are going to change the business route from buy-back model of Onshore DC to Offshore DC model. Logistics LT will be shorter by logistics network optimization.
- Build global competitive logistics scheme.

Effect

LT reduction

△ 2 ~ 5 days



## 2-4. OFFSHORE DC SUMMARY

### Logistics reformation

- 2017. May KUL-DC @Malaysia Kuala Lumpur
- 2018. Jan PVG-DC @China Shanghai

Abbr	Official Name	Location
Overseas Manufacturing Company @MALASIA		
RSM	Renesas Semiconductor (Malaysia) Sdn. Bhd.	Penang
RSK	Renesas Semiconductor (Kedah) Sdn. Bhd.	Penang
RST	Renesas Semiconductor Technology (M) Sdn. Bhd.	Penang
RSKL	Renesas Semiconductor KL Sdn. Bhd.	Kuala Lumpur

#### Outsource Manufacturing Company @ASEAN AREA

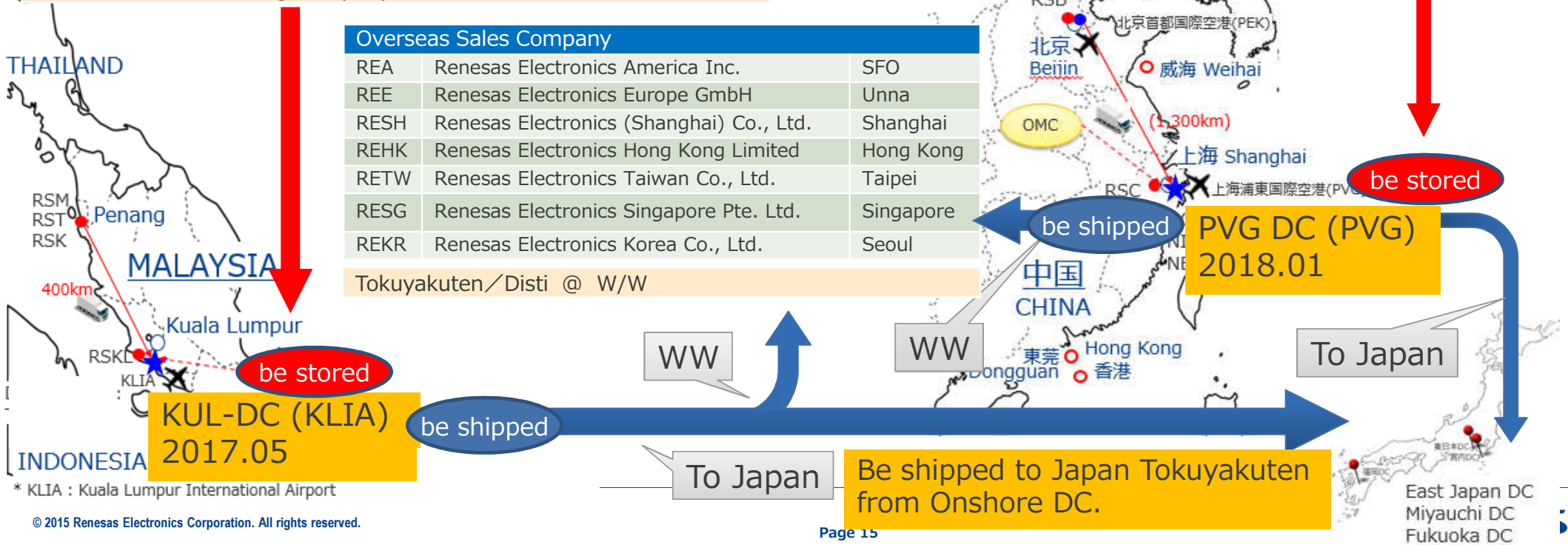
#### Overseas Sales Company

REA	Renesas Electronics America Inc.	SFO
REE	Renesas Electronics Europe GmbH	Unna
RESH	Renesas Electronics (Shanghai) Co., Ltd.	Shanghai
REHK	Renesas Electronics Hong Kong Limited	Hong Kong
RETW	Renesas Electronics Taiwan Co., Ltd.	Taipei
RESG	Renesas Electronics Singapore Pte. Ltd.	Singapore
REKR	Renesas Electronics Korea Co., Ltd.	Seoul

Tokuyakuten / Distri @ W/W

Abbr.	Official Name	Location
Overseas Manufacturing Company @CHINA		
RSB	Renesas Semiconductor (Beijing) Co., Ltd.	Beijing
RSC	Renesas Semiconductor (Suzhou) Co., Ltd.	Suzhou

#### Outsource Manufacturing Company @CHINA AREA



## 2-5. Changes of System and Operation

(Release1(2017/Jan start))

There will be effects to Tokuyakuten in both Japan and oversea.

### ◆ Business arias Release1 (2017/Jan)

No.	ITEM	change of the operational rules	change of the system
Release 1-1	Unify outer box label	<ul style="list-style-type: none"> <li>Unify outer box label to Export labels</li> </ul>	<ul style="list-style-type: none"> <li>Change outer box label in Japan</li> </ul>
Release 1-2	Expand combined shipment	<ul style="list-style-type: none"> <li>Combined one inner box for multiple number of CO.</li> </ul>	<ul style="list-style-type: none"> <li>Packing information I/F data is changed.</li> </ul>
Release 1-3	Change Booking unit (Case : MOQ=1pcs)	<ul style="list-style-type: none"> <li><b>CO creation unit</b> Set CO creation unit as Tube or Tray unit, in case of MOQ=1pcs PN.</li> <li><b>Shipping unit</b> Ship the packing as it is, as much as possible, to be close to "Full Tray, Full Tube" shipment. Unit to be "Tube or Tray".</li> <li><b>Cancellation of remaining small CO</b> Sales have options to select whether auto-cancel remaining CO or need to ship all.</li> </ul>	<ul style="list-style-type: none"> <li><b>CO creation unit</b> CO creation unit is automatically Tube or Tray unit, in case of MOQ=1pcs PN.</li> <li><b>Shipping unit</b> Change REL/DC system (shipping instruction)</li> <li><b>Cancellation of remaining small CO</b> Options to select auto-cancellation or need to ship all for CO B/L less than tray unit when CO issued .(or after issued)</li> </ul>



## 2-6. Documents changes to Tokuyakuten

### Changes

- Outer box label
  - Unified to Outer box label for Export in W/W.
  - 1sheet/delivery note will be changed to 1sheet/outer box in Japan market.
- Packaging specification label
  - Packaging specification will be attached always when Offshore DC ship F/G to Tokuyakuten in W/W.

	from DC/factory	to Tokuyakuten	Outer box label		Attached documents	
			AS-IS	TO-BE	AS-IS	TO-BE
DC	Onshore DC	Tokuyakuten in Japan	1sheet/delivery note ※Outer box label for domestic packaging specification is checking output by master.	1sheet/box + packaging specification ※Outer box label for Export	SAP delivery notice	
	Onshore DC	Tokuyakuten in overseas	1sheet/box + packaging specification ※Outer box label for Export		INVOICE + Packing list	
	Offshore DC	Tokuyakuten in Japan	N/A	1sheet/box + packaging specification ※Outer box label for Export	N/A	Packing list only
	Offshore DC	Tokuyakuten in overseas	N/A	1sheet/box + packaging specification ※Outer box label for Export	N/A	INVOICE + Packing list
D-Web	MC In Japan	Tokuyakuten in Japan	1sheet/box + packaging specification ※Outer box label for domestic	1sheet/box + packaging specification ※Outer box label for Export	D-Web delivery notice	
	MC In Japan	Tokuyakuten in overseas	1sheet/box + packaging specification ※Outer box label for Export		INVOICE + Packing list	
	MC In overseas	Tokuyakuten in Japan	1sheet/box + packaging specification ※Outer box label for Export		Packing list only	
	MC In overseas	Tokuyakuten in overseas	1sheet/box + packaging specification ※Outer box label for Export		INVOICE + packing list	

# 2-6. Documents changes to Tokuyakuten

## Changes summary

- Outer box label : No change Format, but note
- Packing specification : Change under planning
- INVOICE, Packing List : No change

### Outer box label

X X X X 物流センター C/N 65520 Pb-Free T. [RoHS] Made in JAPAN		1513465297
TO: X X X (株) X X 物流センター		
X X 県 Y Y 市 Z Z Z 1 2 3 - 1		
CONTROL# 1015L151346529765520		
SS		
JSF P/N# UPD78F9999MC-5A4-A		
3P		
P.O.# DQA399		
K		
CUSTOMER PART#		
P		
PART# UPD78F9999MC-5A4-A		
1P		
DESCRIPTION CODE JPJP	PGW 0000344998	
D	1Z	
QTY 100	BOX COUNT 1 OF 1	
Q	WEIGHT 0.1 KG	
ZYP55 04397		

### Packaging specification

DELIVERY# : 1513465297		C/N : 65520	
JSF UPD78F9999MC-5A4-A			
3P			
D/N	KD-78F9999MC5A4A/000097/T6		
ZP			
SPN	UPD78F9999MC-5A4-A		
1P			
SPL	160144100S	QTY 100	001S212X8
ZT	0	2Z	
T/C	1601 1541X3203		
1T			
MC JP JP			

### INVOICE

<b>RENESAS</b> Renesas Electronics Corporation 2-2-24 Toyosu, Koto-ku, Tokyo, 1308601, Japan		<b>INVOICE</b> Invoice No. : RUC201608 Date : Jul. 19, 2016 Payment Terms : T.T. in advance at 90 days after B/L date BANK No. : 999-4284 2962 BANK No. : 13JP-1279 7006 (Jul. 20, 2016)		
Recipient: Renesas Electronics Hong Kong Limited Unit 1605-1611, 16/F, Tower 2, Grand Century Place, 193 Prince Edward Road West, Mong Kok, Kowloon, Hong Kong TEL NO. 382-2266688		Shipped per : PLT NO. C40904 on Jul. 20, 2016 From : FUKUOKA To : DALIAN Via :		
Item	Description of Goods	Quantity	Unit Price	Total Amount
RENESAS SEMICONDUCTOR Microcontroller 001 UPD78F349C1-UD-A 1514395149-1 900 PCS UPD78F349C1-UD-A C-P/N 11-0626201-A C-P/N 0626201-A C-P/N 0626201-A PREP P/N KD-78F25030C(A) (REEL)/0600C/T6 Made in JAPAN 002 UPD78F349C1-UD-A 151443062-1 1,035 PCS UPD78F349C1-UD-A C-P/N 11-0626201-A C-P/N 0626201-A C-P/N 0626201-A PREP P/N KD-78F25030C(A) (REEL)/0600C/T6 Made in JAPAN TOTAL: 1,935 PCS 10P USD				
PREPARED: DELIVER TO DALIAN F.T.F. Renesas International Trading Co., Ltd. C/O DALIAN ALPS TERA LOGISTICS CO., LTD. 10-42, DALIAN FREE TRADE ZONE, DALIAN, CHINA TEL. NO. 0086-411-87328079 TOTAL PACKAGE: 2 CARTONS TOTAL GROSS/NET: 8.3 KG TOTAL MEASUREMENT: 0.029 M3				
CASE MARK: 002040 01 C/N: 67162, 42092 Made in JAPAN Renesas Electronics Corporation 倉光克典 Katsunori Katsunori Department Manager Export Control Department				

### Packaging List

<b>RENESAS</b> Renesas Electronics Corporation 2-2-24 Toyosu, Koto-ku, Tokyo, 1308601, Japan		<b>PACKING LIST</b> Invoice No. : RUC201608 Date : Jul. 19, 2016 NO. No. : 999-4284 2962 BANK No. : 13JP-1279 7006 (Jul. 20, 2016)				
Recipient: Renesas Electronics Hong Kong Limited Unit 1605-1611, 16/F, Tower 2, Grand Century Place, 193 Prince Edward Road West, Mong Kok, Kowloon, Hong Kong TEL NO. 382-2266688		Shipped per : PLT NO. C40904 on Jul. 20, 2016 From : FUKUOKA To : DALIAN Via :				
Case No.	Package	Description of Goods	Quantity	Net Wt	Gross Wt	Measurement
07152	CARTON	RENESAS SEMICONDUCTOR 1 PCS UPD78F349C1-UD-A C-P/N 11-0626201-A F0600C/1443062-1 PREP P/N KD-78F25030C(A) (REEL)/0600C/T6 Made in JAPAN	1,035 PCS	8.72	8.3	0.009 (3817317)
02092	CARTON	RENESAS SEMICONDUCTOR 1 PCS UPD78F349C1-UD-A C-P/N 11-0626201-A F0600C/1443062-1 PREP P/N KD-78F25030C(A) (REEL)/0600C/T6 Made in JAPAN	900 PCS	1.17	0.0	0.020 (3832318)
TOTAL	CARTON		1,935 PCS	9.89	8.3	0.029 M3
DELIVER TO DALIAN F.T.F. Renesas International Trading Co., Ltd. C/O DALIAN ALPS TERA LOGISTICS CO., LTD. 10-42, DALIAN FREE TRADE ZONE, DALIAN, CHINA TEL. NO. 0086-411-87328079						
CASE MARK: 002040 01 C/N: 67162, 42092 Made in JAPAN Renesas Electronics Corporation 倉光克典 Katsunori Katsunori Department Manager Export Control Department						

## 2-6-1-1. Renesas Standard outer box label form changes

### Changes

- Tokuyakuten in Japan
  - Unified to Outer box label for Export in W/W.
- Tokuyakuten in oversea
  - No change

Logistics reformation

AS-IS

2016/04/08

荷受人 XXX (株) XX物流センター  
XX県YY市ZZZ123-1

荷送人 ルネサスエレクトロニクス東日本DC  
群馬県高崎市大八木町東谷952  
TEL 027-364-7710

アルプス物流 高崎

JSF型名 UPD78F9999MC-5A4-A  
3P

得意先型名 P

受注型名 UPD78F9999MC-5A4-A  
1P

QTY 100  
Q

Pb-Free T. [RoHS]  
出荷数量 100

出荷伝票NO 1513465297  
2S

TRANS ID FX141999  
Z

C/N 65520  
3S

PACKAGE COUNT 1 OF 1

ZYPS5 04397

DQA399  
K

TO-BE

XXX XX物流センター 1513465297  
C/N: 65520 Pb-Free T. [RoHS]  
Made in JAPAN

TO: XXX (株) XX物流センター  
XX県YY市ZZZ123-1

CONTROL# 1015L151346529765520  
3S

JSF P/N# UPD78F9999MC-5A4-A  
3P

P.O.# DQA399  
K

CUSTOMER PART#  
P

PART# UPD78F9999MC-5A4-A  
1P

DESCRIPTION CODE JPJP  
D

PCD# 0000344998  
1Z

QTY 100  
Q

BOX COUNT 1 OF 1  
WEIGHT 0.1 KG

ZYPS5 04397

## 2-6-1-2. The number of Outer box label sheets

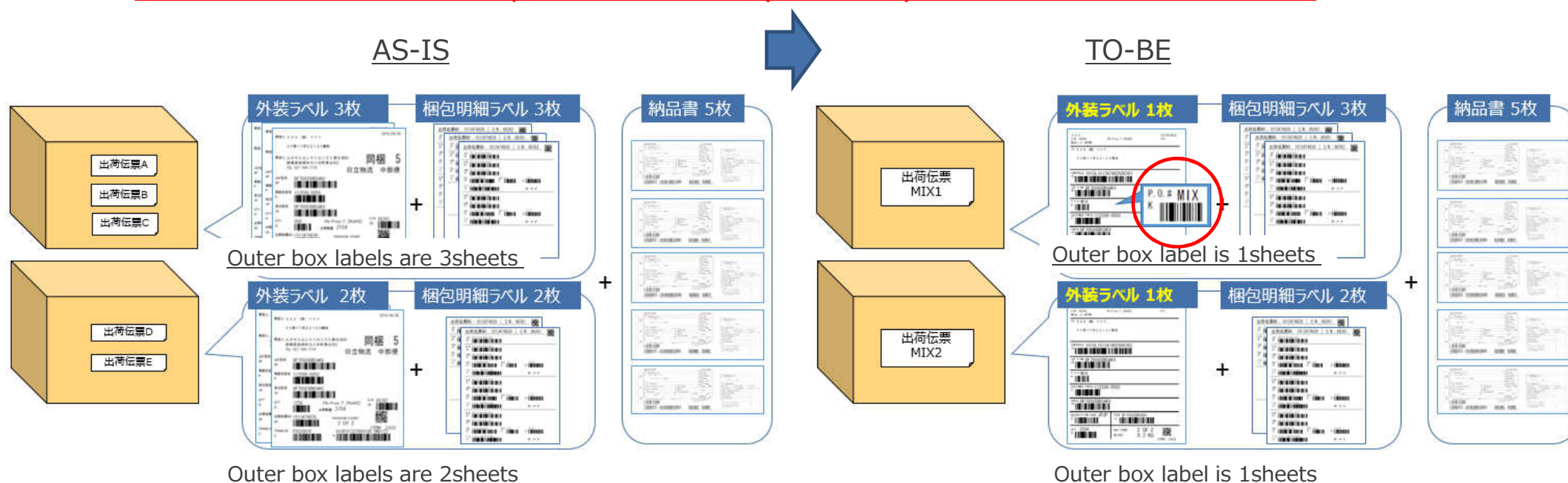
### Changes

- The number of Outer box label sheet

AS-IS : The number of Outer box label sheet is as same as the number of Delivery Note.

TO-BE: The number of Outer box label sheet is as same as the number of Outer box.

Note : The case when multiple number of CO (Inner box) are combined one outer box.



## 2-6-2. Renesas Standard packaging specification


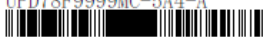







### Changes

- Tokuyakuten in Japan
  - No change. The TEXT 「出荷伝票NO」 changes to 「DELIVERY#」.

#### AS-IS




出荷伝票NO : 1513465297		C/N : 65520		
JSF 3P	UPD78F9999MC-5A4-A 			
D/N 2P	KD-78F9999MC5A4A/00002/T6 			
SPN 1P	UPD78F9999MC-5A4-A 			
SPL 2T	160144100S 	QTY 0 	100 	001S999Y@ 
T/C 1T	1601 1601X3203 		MC JP JP	

#### TO-BE

<b>DELIVERY#</b> : 1513465297		C/N : 65520		
JSF 3P	UPD78F9999MC-5A4-A 			
D/N 2P	KD-78F9999MC5A4A/00002/T6 			
SPN 1P	UPD78F9999MC-5A4-A 			
SPL 2T	160144100S 	QTY 0 	100 	001S212Y@ 
T/C 1T	1601 1541X3203 		MC JP JP	

### Changes under planning






- Tokuyakuten in overseas
  - Add P.O.# TEXT and Barcode

DELIVERY# : 1513465297		C/N : 65520		
JSF 3P	UPD78F9999MC-5A4-A 			
	<b>P.O.#</b> * 			
D/N 2P	KD-78F9999MC5A4A/00002/T6 			
SPN 1P	UPD78F9999MC-5A4-A 			
SPL 2T	160144100S 	QTY 0 	100 	001S212Y@ 
T/C 1T	1601 1541X3203 		MC JP JP	

## 2-6-3. Renesas Standard delivery note in Japan

### Changes

- Tokuyakuten in Japan
- No change

RENESAS		1514042647	
納 品 書	お客様名 株式会社 X X X		得意先コード R112999
	出荷先 X X X (株) X X X 物流センター		出荷先コード R112723S99
	X X X 県 Y Y 市 Z Z 1-2-3		SCM 番 FX00999999
	販売窓口 X X X 株式会社		納期 2016-04-04
	注文番号 EAKQ99	受注番号 1109984747	出荷伝票 1514042647
	発注No	C O 番号 EAKQ99	明細 000010
	得意先型名	受注型名 R5F10099999#V0	分納 003
	数量 1	単価 1,234.00	金額 1,234
	納入種別 0	通貨 JPY	
	備考 上記の通りご納入申し上げます。		製造国 JP MY MY
ルネサスエレクトロニクス株式会社 〒129-0061 東京都江東区豊洲3-2-24 TEL 03-6773-3929			
 (JSE) R5F10099999#V0			
 (SCM) FX00999999			
 (PO) EAKQ99			
 (分/数) 00300000001			
 (出荷) 1514042647			

お客様名 株式会社 X X X			
出荷先 X X X (株) X X X 物流センター			
X X X 県 Y Y 市 Z Z 1-2-3			
販売窓口 X X X 株式会社			
得意先コード R112999	得意先コード R112723S99	得意先コード FX00999999	
出荷伝票 1514042647	受注番号 1109984747	明細 000010	分納 003
注文番号 EAKQ99			
備考 R5F10099999#V0			
数量 1			
ルネサスエレクトロニクス株式会社 (業務代行)株式会社 日立物流 倉崎支店 〒133-0012 東京都葛飾区 倉崎 倉庫B02 TEL 0120-3458100 (代表)			

# 2-6-Reference. INVOICE and Packing list

INVOICE and Packing list are no change.

RENEASAS Renesas Electronics Corporation				
3-2-24 Toyosu, Koto-ku, Tokyo, 1350061, Japan				
<b>INVOICE</b>				
<b>Address:</b> Renesas Electronics Hong Kong Limited Unit 1601-1611, 16/F, Tower 2, Grand Century Place, 193 Prince Edward Road West, Mongkok, Kowloon, Hong Kong TEL NO. 3852-2206/6688		<b>Invoice No.</b> A10CAG193K <b>Date</b> Jul. 19, 2016 <b>Payment Terms</b> : T.T. Remittance at 60 days after B/L date <b>HAIR No.</b> : 999-4284 2902 <b>HAIR No.</b> : 1318-1279 7006 (Jul. 20, 2016)		
<b>Shipped per</b> on <b>Jul. 20, 2016</b> <b>FLT NO.</b> CA9954				
<b>From</b> FUKUOKA <b>To</b> DALLIAN <b>Via</b>				
Item#	Description of Goods	Quantity	Unit Price	Total Amount
RENEASAS SEMICONDUCTOR <span style="float: right;">DAF DALLIAN</span>				
<b>Microcontroller</b>				
001	UPD70F3349GJ-12N-A UPD70F3349GJ-1 C-P/N: 51-14065201-A C-P/04082160428032 PROD P/N: KD-70F3349GJ/USA/00007/76 Made in JAPAN	900	PCS	
002	UPD70F3353G(A)-12N-A UPD70F3353G(A)-1 C-P/N: 51-14065201-B C-P/04082160428032 PROD P/N: KD-70F3353G(A)/USA/00007/76 Made in JAPAN	1,035	PCS	
<b>TOTAL:</b>		1,935	PCS	DAF USD
<b>FREIGHT PREPAID</b> DELIVER TO Dalian F.T.Z Ryosan International Trading Co., Ltd. C/O DALLIAN ALPS TERA LOGISTICS CO., LTD. 1C-42, DALLIAN FREE TRADE ZONE, Dalian, China TEL NO. 0086-411-87328670 <b>TOTAL PACKAGE</b> 2 CARTONS <b>TOTAL GROSS/WT</b> 8.3 KG. <b>TOTAL MEASUREMENT</b> 0.029 M3				
<b>CASE MARK</b> RYOSAN DL C/N: 57152, 62092 Made in JAPAN				
Renesas Electronics Corporation 倉光克典 Katsunori Kuramitsu Department Manager Export Control Department				

RENEASAS Renesas Electronics Corporation						
3-2-24 Toyosu, Koto-ku, Tokyo, 1350061, Japan						
<b>PACKING LIST</b>						
<b>Address:</b> Renesas Electronics Hong Kong Limited Unit 1601-1611, 16/F, Tower 2, Grand Century Place, 193 Prince Edward Road West, Mongkok, Kowloon, Hong Kong TEL NO. 3852-2206/6688		<b>Invoice No.</b> A10CAG193K <b>Date</b> Jul. 19, 2016 <b>HAIR No.</b> : 999-4284 2902 <b>HAIR No.</b> : 1318-1279 7006 (Jul. 20, 2016)				
<b>Shipped per</b> on <b>Jul. 20, 2016</b> <b>FLT NO.</b> CA9954						
<b>From</b> FUKUOKA <b>To</b> DALLIAN <b>Via</b>						
Case No.	Package	Description of Goods	Quantity	Net Wt (KGS)	Gross Wt (KGS)	Measurement (M)
57152	CARTON	RENEASAS SEMICONDUCTOR 001 UPD70F3353G(A)-12N-A C-P/N: 51-14065201-B P/041514416362-1 PROD P/N: KD-70F3353G(A)/USA/00007/76 Made in JAPAN	1,035	PCS	0.72	3.3 (35X17X17)
62092	CARTON	001 UPD70F3349GJ-12N-A C-P/N: 51-14065201-A P/041514390148-1 PROD P/N: KD-70F3349GJ/USA/00007/76 Made in JAPAN	900	PCS	1.17	8.0 (36X23X18)
<b>TOTAL</b>	2 CARTONS		1,935	PCS	1.89 KGS	8.3 KGS 0.029 M3
DELIVER TO Dalian F.T.Z Ryosan International Trading Co., Ltd. C/O DALLIAN ALPS TERA LOGISTICS CO., LTD. 1C-42, DALLIAN FREE TRADE ZONE, Dalian, China TEL NO. 0086-411-87328670						
<b>CASE MARK</b> RYOSAN DL C/N: 57152, 62092 Made in JAPAN						
Renesas Electronics Corporation 倉光克典 Katsunori Kuramitsu Department Manager Export Control Department						



## 2-7. Expand combined shipment (multiple number of CO will be Combined one inner box.)

### Changes

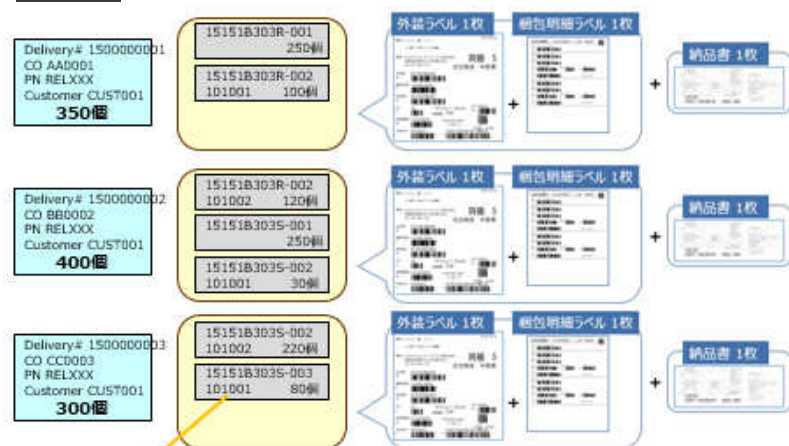
- Be normal packing method under the same customer and same P/N condition, it is combined one inner box for multiple number of CO and one outer box for multiple number of CO if it is the case when the shipment is done on same day.

AS-IS : Packing inner box separately by CO and Packing one outer box separately by CO.

TO-BE: Packing one inner box for multiple number of CO and Packing one outer box for multiple number of CO.

Explain the control flow about the combined one inner box as follows page.

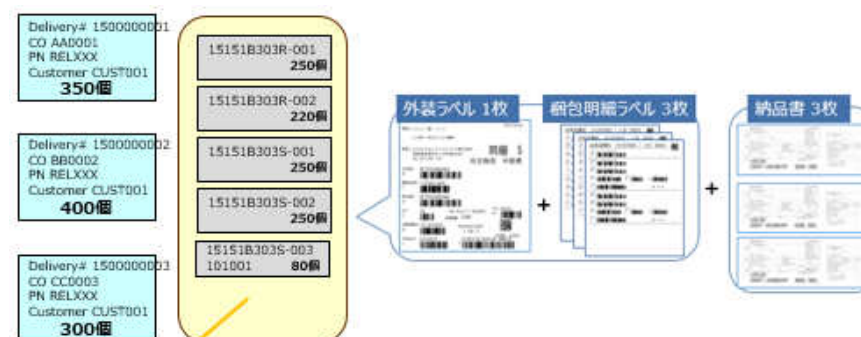
#### AS-IS



Inner box was subdivided by Delivery note, then one inner box should be related to only one Delivery note.

In this case, 3 Delivery notes has 3 outer boxes and 7 inner boxes.

#### TO-BE



Inner box wasn't subdivided by Delivery note, then one inner box should be related to multiple Delivery note.  
In this case, 3 Delivery notes has only 1 outer box and 5 inner boxes.



## 2-7-1. Expand combined shipment (multiple number of CO will be Combined one inner box.)

Logistics reformation

### Changes

■ From January 2017, in case of inner box combined packing, new pattern packing info data will be send.

**Packing Information IF data** ※Main data only

AS-IS

#### P02(Outer Box Info.)

Shipment No.	Outer Box ID	Inner Box Count	Quantity (in Outer Box)
12345678	1015K151347407358747	3	3000

#### P04(Inner Box Info.)

Shipment No.	Outer Box ID	Inner Box ID	Delivery Note (Linked with P.O.#)	Quantity (in Outer Box)
12345678	1015K151347407358747	1544041006-001101001	1513474073	1550
12345678	1015K151347407358747	1544041006-001101002	1513474074	780
12345678	1015K151347407358747	1544041006-001101003	1513474075	670

1 Outer Box Contains  
3 P.O.#  
3 Inner Boxes

TO-BE

After the  
Changes

#### P02(Outer Box Info.)

Shipment No.	Outer Box ID	Inner Box Count	Quantity (in Outer Box)
12345678	1015K151347407358747	1	3000

#### P04(Inner Box Info.)

Shipment No.	Outer Box ID	Inner Box ID	Delivery Note (Linked with P.O.#)	Quantity (in Outer Box)
12345678	1015K151347407358747	1544041006-001	1513474073	1550
12345678	1015K151347407358747	1544041006-001	1513474074	780
12345678	1015K151347407358747	1544041006-001	1513474075	670

1 Outer Box Contains  
3 P.O.# combined  
1 Inner Boxes

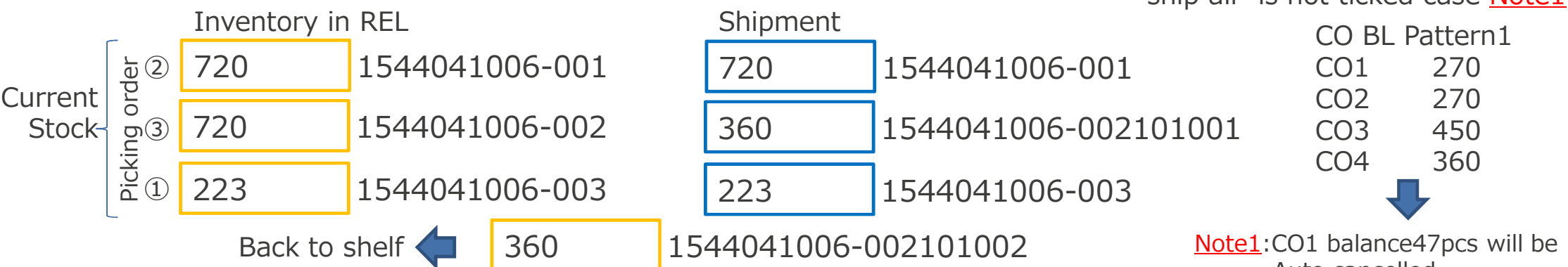
※ There are no changes in IF data of P01(Header) and P03(Delivery Note).



## 2-7-1. Expand combined shipment (multiple number of CO will be Combined one inner box.)

Logistics reformation

Example ■ Case 90pcs/Tray, 720pcs/Inner box



[Note1](#): CO1 balance 47pcs will be Auto cancelled.

TO-BE

### P02(Outer Box Info.)

Shipment No.	Outer Box ID	Inner Box	Quantity (in Outer Box)
12345678	1015K151347407358747	3	1303

	Qty	Delivery Note (P.O.#)
CO1	223	1513474073
CO2	270	1513474074
CO3	450	1513474075
CO4	360	1513474076

### P04(Inner Box Info.)

Shipment No.	Outer Box ID	Inner Box ID	Delivery Note (Linked with P.O.#)	Quantity (in Outer Box)
① 12345678	1015K151347407358747	1544041006-003	1513474073	223
② 12345678	1015K151347407358747	1544041006-001	1513474074	270
② 12345678	1015K151347407358747	1544041006-001	1513474075	450
③ 12345678	1015K151347407358747	1544041006-002101001	1513474076	360

1 Outer Box Contains  
1 P.O.# combined 1 Inner Boxes  
& 2 P.O.# combined 1 Inner Boxes  
& 1 P.O.# combined 1 Inner Boxes

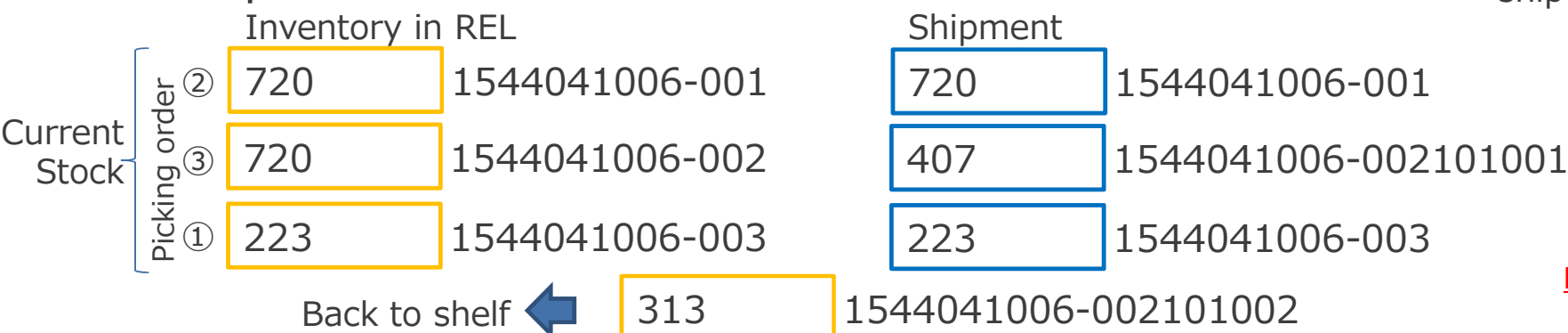
※There are no changes in IF data of P01(Header) and P03(Delivery Note).

[Note1](#): CO1 balance 47pcs will be cancelled automatically due to “ship all” was not ticked.

## 2-7-1. Expand combined shipment (multiple number of CO will be Combined one inner box.)

Logistics reformation

Example ■ Case 90pcs/Tray, 720pcs/Inner box



“ship all” is ticked case [Note2](#)

CO BL Pattern2  
CO1 270  
CO2 270  
CO3 450  
CO4 360

[Note2](#): CO1~4 will be shipped completely.

TO-BE

### P02(Outer Box Info.)

Shipment No.	Outer Box ID	Inner Box	Quantity (in Outer Box)
12345678	1015K151347407358747	3	1350

	Qty	Delivery Note (P.O.#)
CO1	270	1513474073
CO2	270	1513474074
CO3	450	1513474075
CO4	360	1513474076

After the Changes

### P04(Inner Box Info.)

	Shipment No.	Outer Box ID	Inner Box ID	Delivery Note (Linked with P.O.#)	Quantity (in Outer Box)
①	12345678	1015K151347407358747	1544041006-003	1513474073	223
②	12345678	1015K151347407358747	1544041006-001	1513474073	47
②	12345678	1015K151347407358747	1544041006-001	1513474074	270
②	12345678	1015K151347407358747	1544041006-001	1513474075	403
③	12345678	1015K151347407358747	1544041006-002101001	1513474075	47
③	12345678	1015K151347407358747	1544041006-002101001	1513474076	360

1 Outer Box Contains  
1 P.O.# combined 1 Inner Boxes  
& 3 P.O.# combined 1 Inner Boxes  
& 2 P.O.# combined 1 Inner Boxes

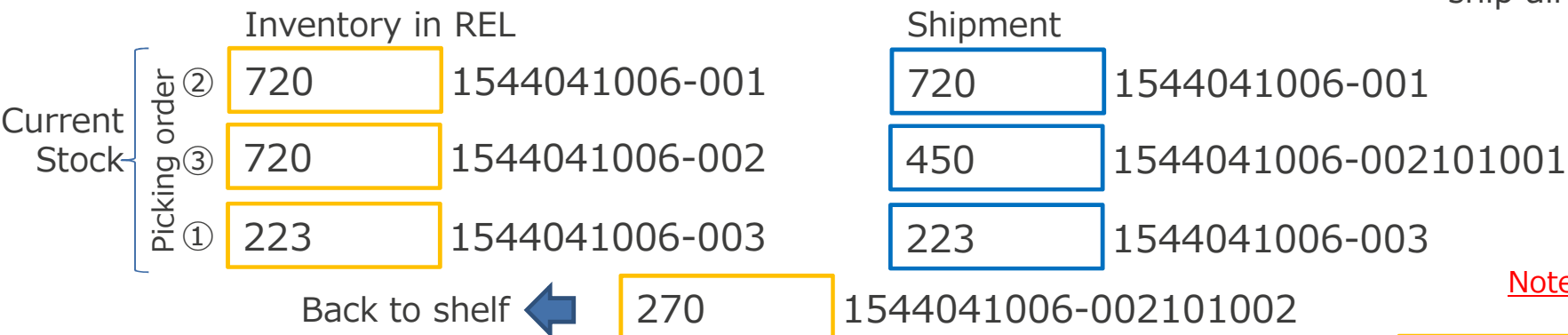
※There are no changes in IF data of P01(Header) and P03(Delivery Note).

[Note2](#) : CO1~4 will be shipped completely due to “ship all” was ticked.

## 2-7-1. Expand combined shipment (multiple number of CO will be Combined one inner box.)

Logistics reformation

Example ■ Case 90pcs/Tray, 720pcs/Inner box



"ship all" is not ticked case [Note1](#)

CO BL Pattern3

CO1	360
CO2	270
CO3	450
CO4	360

[Note1](#): CO1 balance 47pcs will be Auto cancelled.

1 Outer Box Contains  
1 P.O.# combined 1 Inner Boxes  
& 3 P.O.# combined 1 Inner Boxes  
& 2 P.O.# combined 1 Inner Boxes

TO-BE

### P02(Outer Box Info.)

Shipment No.	Outer Box ID	Inner Box	Quantity (in Outer Box)
12345678	1015K151347407358747	3	1393

	Qty	Delivery Note (P.O.#)
CO1	313	1513474073
CO2	270	1513474074
CO3	450	1513474075
CO4	360	1513474076

### P04(Inner Box Info.)

	Shipment No.	Outer Box ID	Inner Box ID	Delivery Note (Linked with P.O.#)	Quantity (in Outer Box)
①	12345678	1015K151347407358747	1544041006-003	1513474073	223
②	12345678	1015K151347407358747	1544041006-001	1513474073	90
②	12345678	1015K151347407358747	1544041006-001	1513474074	270
②	12345678	1015K151347407358747	1544041006-001	1513474075	360
③	12345678	1015K151347407358747	1544041006-002101001	1513474075	90
③	12345678	1015K151347407358747	1544041006-002101001	1513474076	360

※ There are no changes in IF data of P01(Header) and P03(Delivery Note).

[Note1](#): CO1 balance 47pcs will be cancelled automatically due to "ship all" was not ticked.

## 2-7-2. How to control packing method

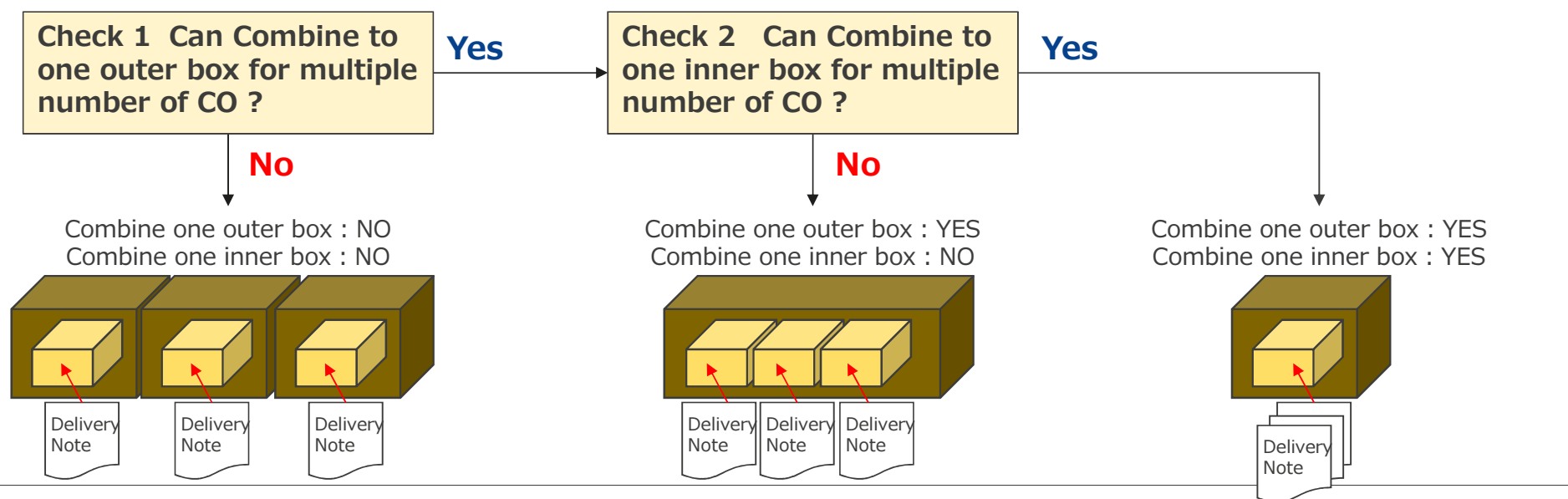
### Changes

■ Be normal packing method under the same customer and same P/N condition, it is combined one inner box for multiple number of CO and one outer box for multiple number of CO if it is the case when the shipment is done on same day. This packing method will be apply to all customer.

Ask Sales to report whether Customer accept Combined one outer box and Combined one inner box or not. Can set the condition by SCM customer code or Ship-To.

■ We will announce the Declaration Method after designing operational flow.

### Control flow



## 2-8. RELEASE1-3 EXPLANATION ON THE BACKGROUND

### Claim from customer and Renesas Issue

#### [Customer Issue]

Tray or Tube in Inner box has not become full.

- ① Increase manufacturing costs in times of mass production, production efficiency will go down.
- ② Dispose unnecessary package material, not Green logistics.
- ③ Increase transportation cost, bad packaging efficiency.
- ④ Have trouble purchasing operation of VMI PULL.

#### [Customer request]

Full Inner box or Full tray

...Some customer in REE requests Full outer box.

#### [Solution]

Under our customer's request, Our solution should be ...

**Packing specification should be Full try/Full tube as of shipping timing at factory.**

**→Started the examination, but the project will take a long time to get off the ground**

#### [Renesas Issue]

The qty of Production lot is not a multiple of the try size and Tube size.

Try product and Tube product are...

- Un-fulled try (tube) is needed somewhere due to production lot size, and be in-stocked.
- Then SPQ=MOQ=1, CO and AATP should be created by 1 pcs unit.

**Complaints and inquiries from our customers for packaging specification of Inner carton box and outer carton box**

Indicating lots of unnecessary package material !

Customers concerns:

- ✓ Is Renesas a "green" company ?
- ✓ Waste of money !

**No more Trash!**

**Corporate with production efficiency!**

Outer carton box



Not full Outer carton box

Inner carton box



Not full Inner carton box (Red ●)

Trash



Many Trash from Outer carton box

Ex) UPD70F3736GC-GAD-AX

- total order 27900 pcs ( complained qty: 4050 )
- 21 boxes delivered ( nominal 450 pcs / inner carton box )
- 81,419,60,5,428,445,343,335,14,141,49,274,124,89,114,363,163,154,247,87,115

Trash



Many Trash from Inner carton box

Many evils against production efficiency in customer's production line.

REL SCM is now an inexpedient manner for customer's VMI-pull purchasing.

**Execute unified a minimum unit for both booking and shipment!**



## 2-8. RELEASE1-3 EXPLANATION ON THE BACKGROUND

### Looking Forward solving Customer's issues

---

The best solution is that our Packing specification should be Full try/Full tube as of shipping timing at factory.

**But the project will take a long time to get off the ground.**

And we should solve Tokuyakuten's issues immediately too.

Then we need to execute a **prompt solution** until Renesas Packing specification will be Full try/Full tube as of shipping timing at factory.

We will start a new Packing form and a shipping method for Customers, Tokuyakutens and Renesas.

Supposing the qty of Production lot is not a multiple of the try size and Tube size, we will add a new solution as follows.

**[Target]Contribute to Customer's production efficiency by a new Packing form and a shipping method.**

**[Measure]** Don't change PACKAGING FORM AND PACKAGING METHOD as of shipping timing at factory as much as possible for approaching the Full try/Full tube shipment.

**[Effect]**

Customer	: Production efficiency improvement, reduce unnecessary wastes
Tokuyakuten	: Transportation and storage efficiency improvement, reduce unnecessary wastes
Renesas	: Logistics quality, subdivision operation, Transportation and storage efficiency improvement, reduce unnecessary packaging material



## 2-8. RELEASE1-3 EXPLANATION ON THE BACKGROUND

### New measure (1)

In case of SPQ=MOQ=1, the particle size of Rainbow reply is too small...

- The particle size of Rainbow reply move to multiple number of Full inner box or less than Full inner box base

	CustomerxPN MOQ unit 「Tube or Tray」	Rainbow Reply	Present Reply qty	New measure Reply qty	
Full inner box 720pcs/box	CO1=4050	CO1-1	2,234	2,160	: qty for 3 inner boxes
		CO1-2	1,059	1,440	: qty for 2 inner boxes
Full tray 90pcs/tray	CO2=4050	CO1-3	757	450	: Remaining qty less than 1 inner box
		CO2-1	2,234	2,160	: qty for 3 inner boxes
		CO2-2	1,059	1,440	: qty for 2 inner boxes
		CO2-3	757	450	: Remaining qty less than 1 inner box

- Be normal packing method under the same customer and same P/N condition, it is combined one inner for multiple number of CO and one outer box for multiple number of CO if it is the case when the shipment is done on same day.

**AS-IS :** Packing inner box separately by CO and Packing one outer box separately by CO.

**TO-BE:** Packing one inner box for multiple number of CO and Packing one outer box for multiple number of CO.

We can reduce the number of un-fulled tray and tube shipment from DC more than current.

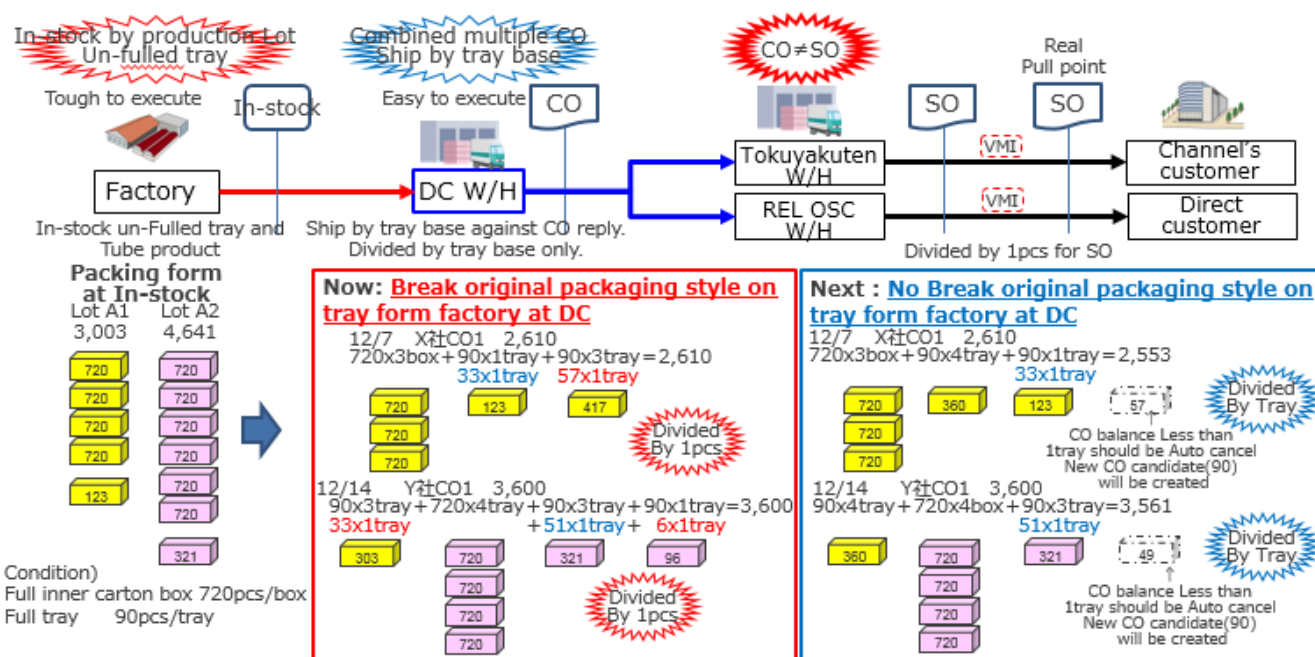


## 2-8. RELEASE1-3 EXPLANATION ON THE BACKGROUND

### New measure (2)

To make another subdivided tray is undesirable, so Renesas prepare a new function which CO balance less than 1 tray qty can be canceled automatically by Rainbow. We called "Auto cancel". After "Auto cancel" by Rainbow, Rainbow will make CO candidate which the balance CO qty less than 1 tray qty is rounded up to 1 tray qty.

Tokuyakuten can select whether new co candidate can be confirmed or not.



# RELEASE1-3

## ORDER UNIT & CANCEL REMAIN CO

New scheme

### Changes

- For P/N of MOQ = 1, CO creation unit will be "Tube or Tray" unit in principle.

No	item	current	new
1	New CO candidate	1pcs unit (same quantity as Netted Out)	<b>Unit of Tube or Tray quantity</b> (round up from Netted Out)
2	When CO issued	Confirm new CO	<b>Judge "ship all" setting</b> when confirm CO.
3	REL ship operation	Re-pack quantity on tray based on CO backlog quantity and ship.	Try to <b>keep packing of factory output and ship</b> as much as possible.
4	Cancellation Management	When cancel balance CO quantity, follow the cancellation flow, and PPD cancels after the approval.	<b>Auto-cancel function for CO B/L</b> for less than tray qty. (new) <ul style="list-style-type: none"> <li>• When "ship all" is not set for CO, remaining qty less than tray will be auto-cancelled.</li> <li>• When "ship all" is set for CO, same as current operation. (Remaining qty will be cancelled.)</li> </ul>

# CO ORDER QTY (CONFIRM UNIT QTY)

## Changes

- Case of P/N MOQ = 1, default of CO creation unit will be "Tube(Magazine) or Tray" unit, new CO is created by this unit. **One CO creation unit is the quantity of "one Tube or one Tray".**  
→ Netted Out calculated by 1pcs unit. New CO may created more than Netted Out quantity.

CO creation unit setting selection menu

- **N/A** will be **deleted** from the menu.
- When **Option** selected, it need to be **unit of "Tube or Tray" quantity.**

### ■ current

When MOQ = 1 is set, MOQ is selected from "N/A", "Tube or Tray", "Inner Box", "Outer Box", "Option".

### ■ new

Order unit is minimum "Tube or Tray" unit. Default is "Tube or Tray" quantity.

- **Delete "N/A" from the menu.**
- **Option is set "Tube or Tray" unit.**

### ■ CO creation unit setting menu (reference)

#### Tube or Tray : Qty of Tube or Tray(Default)

Inner Box : Quantity of Inner Box Unit  
Outer Box : Quantity of Outer Box unit  
Option : Optional quantity unit

# SHIP ALL SETTING FOR CO ISSUE

New scheme

## Changes

- When Order Entry, please set auto-cancellation or not, for remaining CO backlog less than one CO creation unit.  
(The setting can be changed by "C/O, U/O Backlog" screen after CO issued.)

1060 Order Entry

Customer: F8300957 MT SANGYOU  
CO PN: R5F72147GDFP#V1  
Cust PN: 4J301004R5F72147GDFP#V1  
Agent PN:   
Prod Cat2: 13QF SH2A/ASSP

Represent Approver: ZZZ  
Bill-To: F8  
Invoice Comment:   
Comment by: Cust\_PN

☐ Forecast only ☐ Same Week Merge

1. New Entry

S/N	Order No	Demand	Quantity	Cmcy	Price	Amount	Order	RT	Confirm	ship all	Reconfirm	Ship-To	Com
1		2016/01/04	1,000	JPY	1,270	1,270,000	CO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

"ship all" column added

2. Cancellation

S/N	Order No	Demand	CO BL	Quantity	Currency	Price	Amount	Order	Confirm	Reconfirm	RFQ No	Dtl No
-----	----------	--------	-------	----------	----------	-------	--------	-------	---------	-----------	--------	--------

Setting for auto-cancel of CO B/L less than tray qty.  
(how to use "ship all")

### 1. When not ticked (default for Mass production)

- (1) As CO shipped as factory's output quantity, balance CO may remains by less than tray qty.
- (2) When CO backlog less than tray qty created, it'll be automatically cancelled.
- (3) For CO B/L less than tray qty by auto-cancelled, if necessary, new CO will be created by tray-qty-unit according to new Netted Out qty.

### 2. When ticked (default for EOL product)

- (1) All quantity for the CO is shipped.  
This is same as current operation.  
When CO B/L qty is not same as factory output qty, re-pack (by 1pcs unit) and ship.



# REL SHIP OPERATION

New scheme

## Changes

- Try to ship by keeping packing of factory output

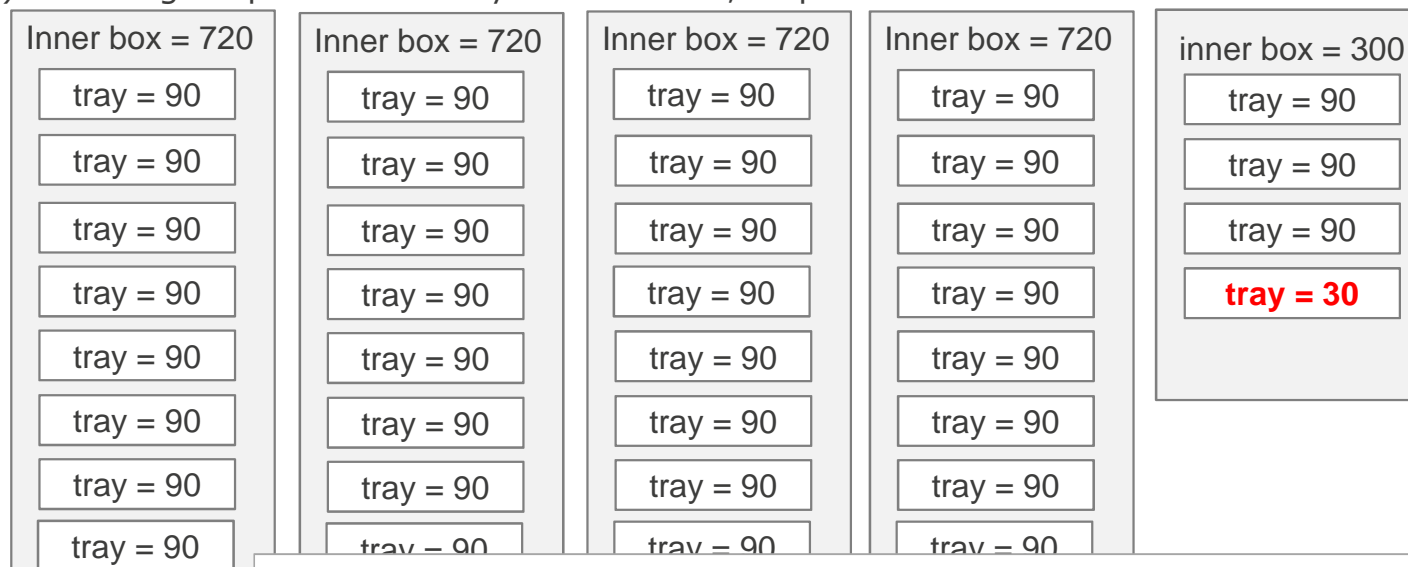
When "ship all" is not set, **quantity of Tube or Tray will not be re-packed.**

**CO order will be "Tube/Tray" unit, that not-full-tray backlog may remains by not-full-tray shipment. And how to handle this remaining backlog is the new point.**

### Assumptions

- Average yield after Assembly input lot = 3,000pcs
- Inner box = 8trays = 8 x 90 = 720pcs

eg.) assuming Output from factory this time = 3,180pcs



Not-full-tray  
 $1 / 36 = 2,8 \%$   
=> Not-full-tray  
could be appear  
by **about 3 %**.

CO creation is requested by 90pcs unit which is tray quantity. **Balance CO B/L handling after not-full-tray (above case 30pcs) shipped is important.**

## CASE1 : SHIP ALL, NO SETTING (AUTO-CANCEL)

New scheme

When “ship all” **not ticked** case, and **small qty shipped**.

•Case: MOQ= 1 pcs, 1Tray= 100pcs (no delay SO, no Sales inventory, no Inv. setting)

Order	RT	Confirm	ship all	Reconfirm
0	CO		<input type="checkbox"/>	

demand = 10pcs

JSF	Netted Out	Exsit CO	New CO
10	10		100

JSF 10pcs

90pcs of excess order

JSF	Netted Out	Exsit CO	New CO
10	10	100	

30pcs shipped, and demand filled.

JSF	Netted Out	Exsit CO	New CO
10		70	

ShipSO+ASF	10
Inventory	30
Liability	0

70pcs cancelled, and no shortage.

JSF	Netted Out	Exsit CO	New CO
10			

70pcs of CO auto-cancelled. Netted Out becomes zero as inventory satisfies JSF.

New CO created for 1tray(100pcs) against JSF.

100pcs of new CO issued “ship all” **not ticked**.

30pcs(1tray) shipped from factory output.

70pcs of CO auto-cancelled. 100pcs of new CO created by not-full-tray shipment.

demand = 100pcs

JSF	Netted Out	Exsit CO	New CO
100	100		100

JSF 100pcs

No excess order

JSF	Netted Out	Exsit CO	New CO
100	100	100	

70pcs necessary after 30pcs shipped.

JSF	Netted Out	Exsit CO	New CO
100	70	70	

ShipSO+ASF	100
Inventory	30
Liability	0

70pcs cancel create 30pcs of excess new CO.

JSF	Netted Out	Exsit CO	New CO
100	70		100



## CASE2 : SHIP ALL, SETTING (NO AUTO-CANCEL)

New scheme

When “ship all” **ticked** case, and **small qty shipped**.

•Case: MOQ= 1 pcs, 1Tray=100pcs (no delay SO, no Sales inventory, no Inv. setting)

Order	RT	Confirm	ship all	Reconfirm
0	CO		<input checked="" type="checkbox"/>	

demand = 10pcs

JSF **10pcs**

JSF	Netted Out	Exsit CO	New CO
10	10		100

90pcs of excess order

JSF	Netted Out	Exsit CO	New CO
10	10	100	

30pcs shipped, and demand filled.

JSF	Netted Out	Exsit CO	New CO
10		70	

ShipSO+ASF	10
Inventory	30
Liability	0

B/L 70pcs remain after demand filled.

JSF	Netted Out	Exsit CO	New CO
10		70	

New CO created for **1tray(100pcs)** against JSF.

100pcs of new CO issued “**ship all**” **ticked**.

**30pcs(1tray)** shipped from factory output.

Netted Out becomes zero as inventory satisfies JSF. But since CO backlog remains, it may cause unnecessary shipment.

B/L remain for balance 70pcs.

demand = 100pcs

JSF **100pcs**

JSF	Netted Out	Exsit CO	New CO
100	100		100

No excess order

JSF	Netted Out	Exsit CO	New CO
100	100	100	

70pcs necessary after 30pcs shipped.

JSF	Netted Out	Exsit CO	New CO
100	70	70	

ShipSO+ASF	100
Inventory	30
Liability	0

B/L remain for balance 70pcs.

JSF	Netted Out	Exsit CO	New CO
100	70	70	

## CASE STUDIES OF “SHIP ALL” FUNCTIONS

The followings are cases of automatic CO cancel and new CO candidate after broken qty shipment.  
(condition : MOQ=1, 1 tray=100pcs)

case : "ship all" is **NOT** ticked

	JSF	Netted Out	CO creation	CO ship	Netted Out after shipped	Auto-cancelled CO	Remaining backlog	New CO candidate
Case 1	30pcs	30pcs	100pcs	40pcs	0pcs	60pcs	0pcs	-
Case 2	90pcs	90pcs	100pcs	40pcs	50pcs	60pcs	0pcs	100pcs
Case 3	120pcs	120pcs	200pcs	40pcs	80pcs	0pcs	160pcs	-
Case 4	180pcs	180pcs	200pcs	40pcs	140pcs	0pcs	160pcs	-

If NettedOut is left after automatic cancel, new CO candidate will be 100 (1 tray).

→case 2

Even if broken qty was shipped, CO is not canceled when backlog is greater than 100 (1 tray).

→case 3, 4

case : "ship all" is **ticked**

	JSF	Netted Out	CO creation	CO ship	Netted Out after shipped	Auto-cancelled CO	Remaining backlog	New CO candidate
Case 5	30pcs	30pcs	100pcs	40pcs	0pcs	-	60pcs	-
Case 6	90pcs	90pcs	100pcs	40pcs	50pcs	-	60pcs	-
Case 7	120pcs	120pcs	200pcs	40pcs	80pcs	-	160pcs	-
Case 8	180pcs	180pcs	200pcs	40pcs	140pcs	-	160pcs	-

Even if NettedOut is 0 after shipment, CO is never be canceled.

→ case 5

# MASTER DATA PREPARATION PLAN OF TRAY/TUBE

New scheme

Explain our current Status of Development of Tube or Tray Quantity Master.

The preparations for Tube or Tray Quantity Master for MCU product & SOC product are almost complete.  
We are registering a Tube or Tray Quantity to Grouping master in order.  
Targeted Plan to finish this work by end of Oct 2016.

The other hand, Tube or Tray Quantity Master for A&P product are not fully-prepared yet.  
We will announce the progress and the new register schedule by end of Oct 2016.

	2016 Aug	Sep	Oct	Nov	Dec	2017 Jan	Feb
MUC & SOC	Final confirm & register			Preparation for Go-live		Go-live	
A&P	Preparation of registration			Final confirm & register		Estimate Go-live	

We will judge the Go-live schedule and the cope for A&P product by end of Nov 2016.

# HOW TO GET MASTER DATA OF TRAY/TUBE

English Japanese Logout Change Group User Setting

Main Menu

\$Customer Menu

\$PartNo Menu

\$Price Menu

\$Other Menu

\$Supplier Menu

\$Organization Menu

Back Menu Logout

Download Menu

\$Grouping Master Download

① \$

\$Download Menu

Back Menu Logout

Grouping Master - Master Download List

Grouping Code

Release State

Grouping Key

Management Div.

Classification

Update User

Search

<< < 1 /1 Page > >> Result:12

Grouping Code	Grouping Code Name	Grouping Key	Classification
AA00000000	Application(Original)	Application	common
CA00000000	SCM Customer(Original)	SCM Customer	common
PA00000000	Booking P/N(JA)(Original)	Booking P/N(JA)	common
PB00000000	Booking P/N(EN)(Original)	Booking P/N(EN)	common
PC00000000	Product P/N(Booking)(JA)(Original)	Product P/N(Booking)(JA)	common
PD00000000	Product P/N(Booking)(EN)(Original)	Product P/N(Booking)(EN)	common
PE00000000	Product P/N(JA)(Original)	Product P/N(JA)	common
PF00000000	Product P/N(EN)(Original)	Product P/N(EN)	common
PG00000000	Renesas P/N(JA)(Original)	Renesas P/N(JA)	common
PH00000000	Renesas P/N(EN)(Original)	Renesas P/N(EN)	common
PX00000000	Product Axis(Original)	Product Axis	common
XA00000000	Booking P/N SCM Customer(Original)	Booking P/N SCM Customer	common

- (1) select [Download Menu ]from [Main Menu] of IM
- (2) select [Grouping Master Download] from [Download Menu]
- (3) after [Master Download List] screen is shown, press [Search] button to show a download list
- (4) click "PA00000000" or "PB00000000" to get PartNo related information
- (5) tick "TUBE\_OR\_TRAY\_QUANTITY" and other necessary items
- (6) press [Csvdownload] button

\* if necessary, please refer to manuals in SCM portal

Back Menu Logout Default User - 2016/08/04 17:12

Grouping Master - Grouping Code Download

Grouping Code

Grouping Code Name

Grouping Key

Classification

Memo

Description

Master Download Setting

Csvdownload

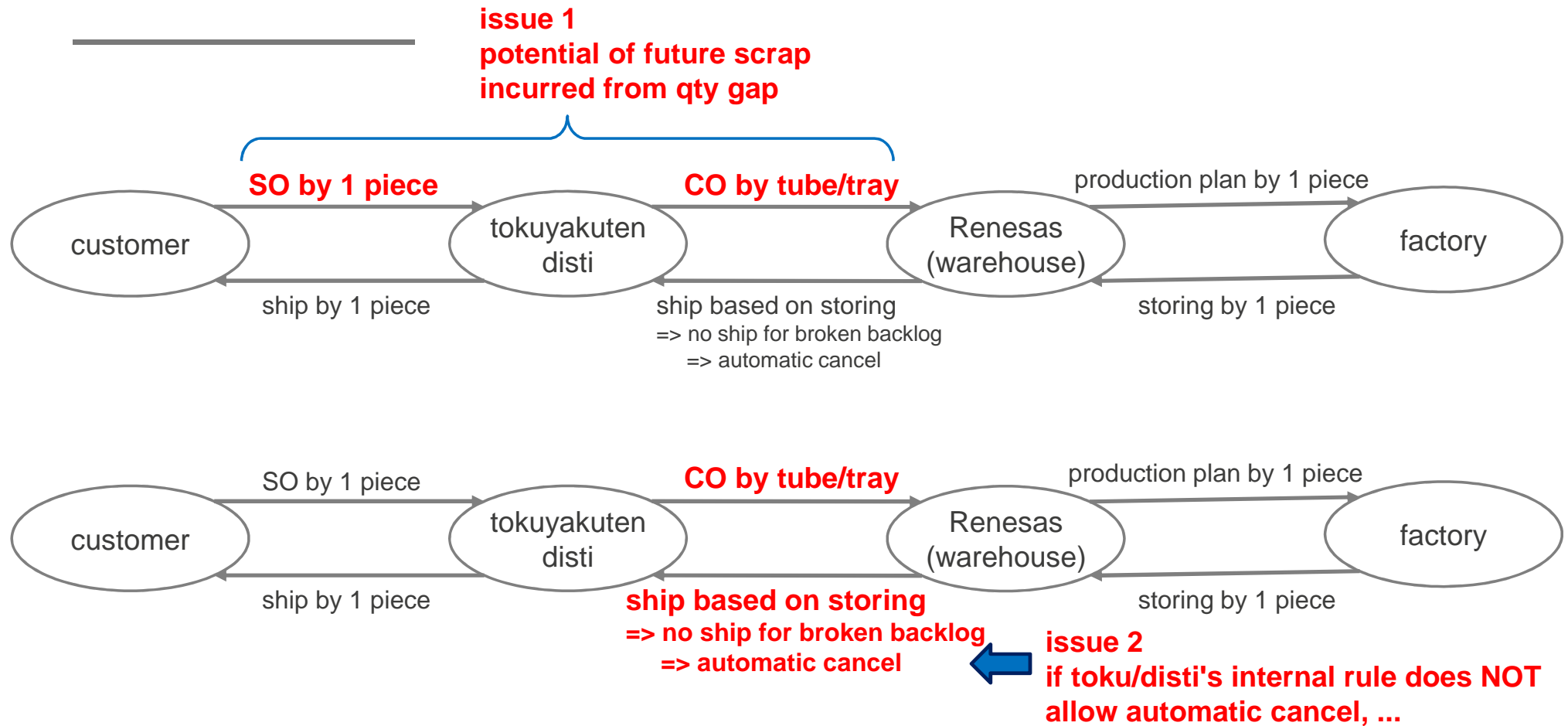
Select/Reselect All

Save Condition

No	Select	Column Name	Sign	Condition
1		BOOKING_PN	=	
2		PART_CODE	=	
3		RENESAS_PN	=	
16		SCM_FLG_E	=	
17		INNER_BOX_QUANTITY	=	
18		OUTER_BOX_QUANTITY	=	
19	<input checked="" type="checkbox"/>	TUBE_OR_TRAY_QUANTITY	=	
20		TAPING_SPEC	=	

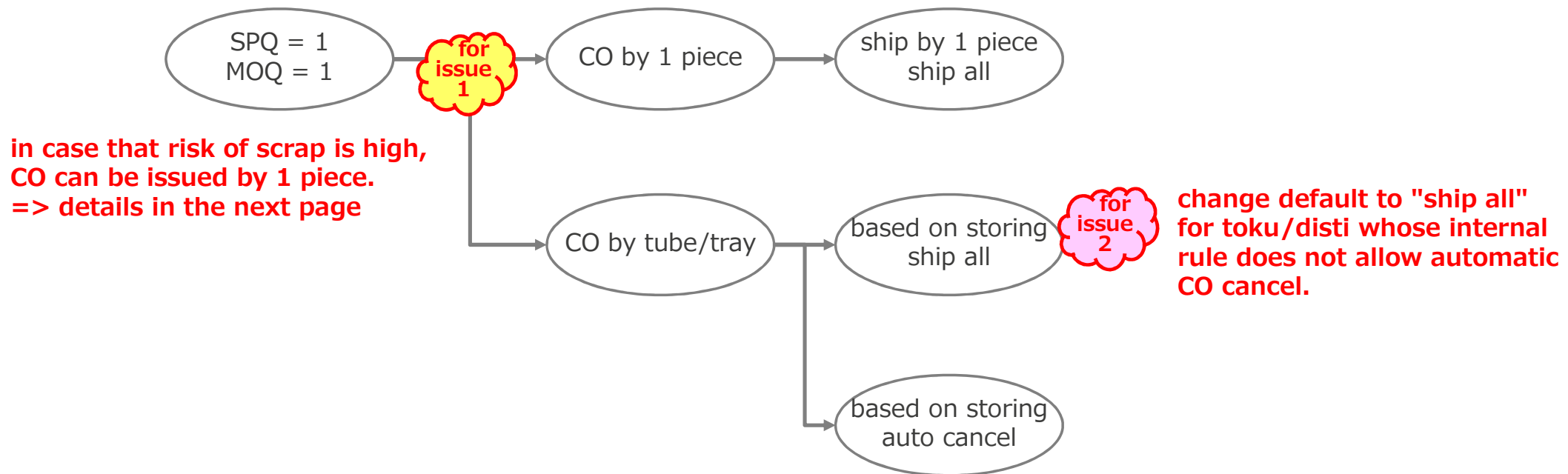
# ISSUES AND COUNTERMEASURES FOR TOKU & DISTI

**New scheme  
only for toku & disti**



# ISSUES AND COUNTERMEASURES FOR TOKU & DISTI

New scheme  
only for toku & disti

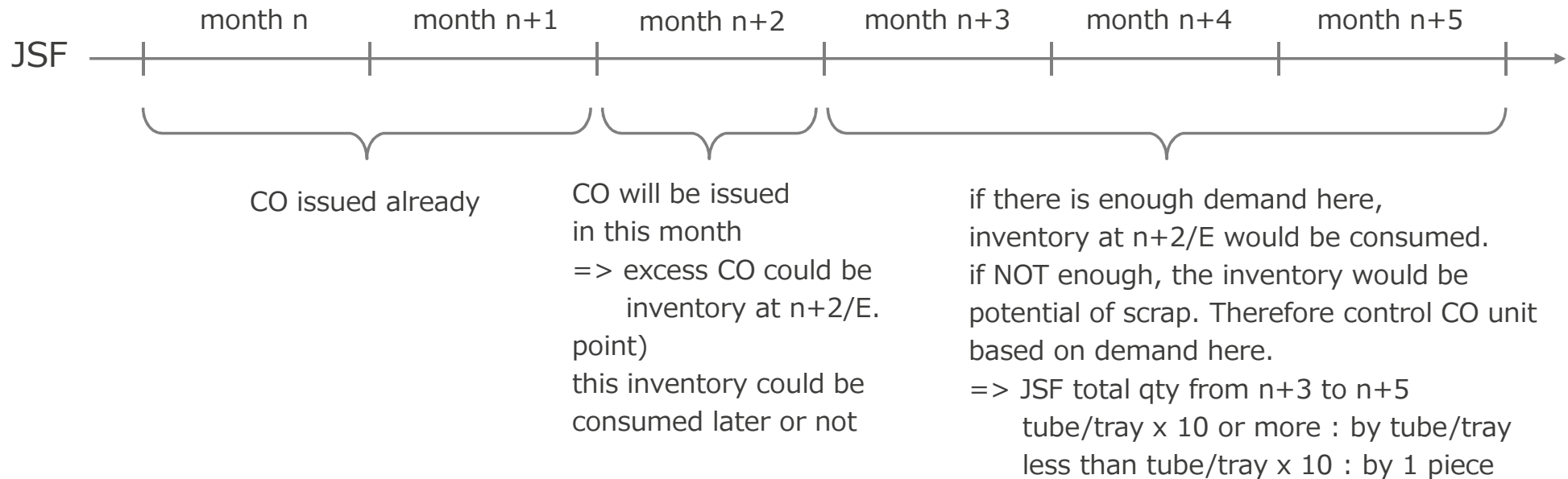


# ISSUES AND COUNTERMEASURES FOR TOKU & DISTI

New scheme  
only for toku & disti

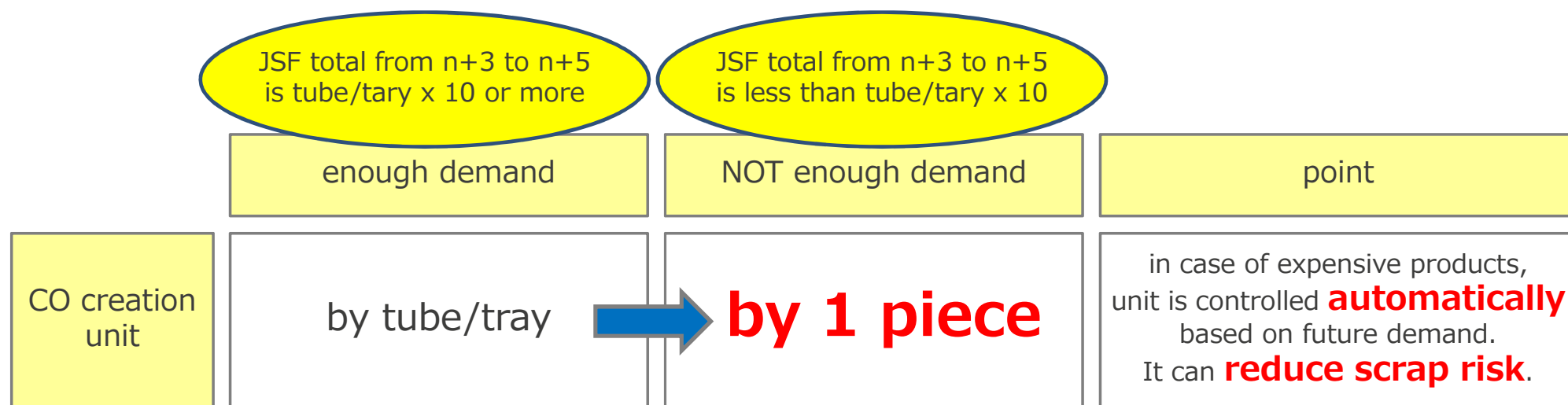


It depends on UO generation period and inventory setting but general situation is as follows.



# ISSUES AND COUNTERMEASURES FOR TOKU & DISTI

New scheme  
only for toku & disti





# Agenda

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2. Change List of Business and System	Page 09
3. Cooperation favor matter	Page 50
4. Other contact matter	Page 52
5. Question	Page 54

### 3. Cooperation favor matter(Release1)

A cooperation request list to agents.

Theme	Request matter	Schedule
1. IF test	<ul style="list-style-type: none"> <li>Please participate in a IF test which becomes change with Expand combined shipment.</li> </ul>	in Oct from Sep, 2016
Theme	Content of treatment	Schedule
<div>2.Shft</div> <div>Shipment adjustment</div>	<ul style="list-style-type: none"> <li>A shipment stop period with shift processing occurs. For due date correspondence in a shipment stop period, cooperation of a shipment adjustment, please. (We announce a in-depth stop period in September, 2016.)</li> </ul>	The end of Dec, 2016

# Agenda

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## 4. Other contact matter

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### 1. Contact details for inquiries

Please inquire of an overseas sales company as a desk.

# Agenda

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## 5. Question

Please proceed with questions.

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[www.renesas.com](http://www.renesas.com)