	Subject: TOMCAT manuals	Date updated: 28 augustus 2018	Page: 1 of 17
	Created by: MAK / WAM / RGE		
Document	<b>TMCUS-blending-licenses</b>		

## Version History

7 December 2015	Reviewed by Remy	

## 1 Blending Licenses

This document describes the implementation of the blending license on movement level in Tomcat for all incoming order types (DVE, DBA, PPI, DRA, DTR), transferring order types (TTT, STR, LDI) and blending orders.

### Management summary:

In order to be compliant with Customs, it is needed to track which Customs procedure is covering which blending operation.

A blending operation from a customs perspective takes place when different products (CN codes) are physically mixed together in one tank. After the physical blend, the individual parcels are rebranded in accordance with the final product it became because of the blending, by means of the blend order.

When, for example, a discharge takes place into one or more tanks and or vessels/barge (administrated by means of fictitious tanks), per movement a different customs procedure may apply. Therefore the registration of a customs procedure needs to be possible per movement.

For this registration per tank movement a new "tab" is created in the order screen which is named "Licenses".

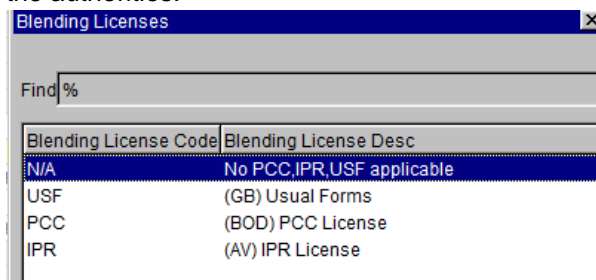
Tomcat will automatically fill the blending license for each movement involved in the order when a new tank is added and be recalculated at Order Activation.

If needed, Customer Service can overrule this system calculated blending license, with a mandatory "update reason".

Customer Service can check any moment in time if the blending licenses are correctly filled with the calculate button on the licenses tab.

Before the start of the operational movement, Operations is required to have Tomcat check if the blending license filled in the movement is still correct. Therefore Tomcat offers the possibility to do this check via the logbook line "check blending license" per individual movement and will always overwrite if the pre-populated blending license seems impossible.

For the product in the order, the calculated or chosen blending license must actually be granted for that product. This is checked with the blending license flags in the product reference table. This particularly is the reason why the blending license functionality is introduced at the customer service level, to be able anticipate on any nominated movements that are out of scope of the current license so that action can be taken timely to have this scope broadened in consultation with the authorities.



Blending License Code	Blending License Desc
N/A	No PCC,IPR,USF applicable
USF	(GB) Usual Forms
PCC	(BOD) PCC License
IPR	(AV) IPR License

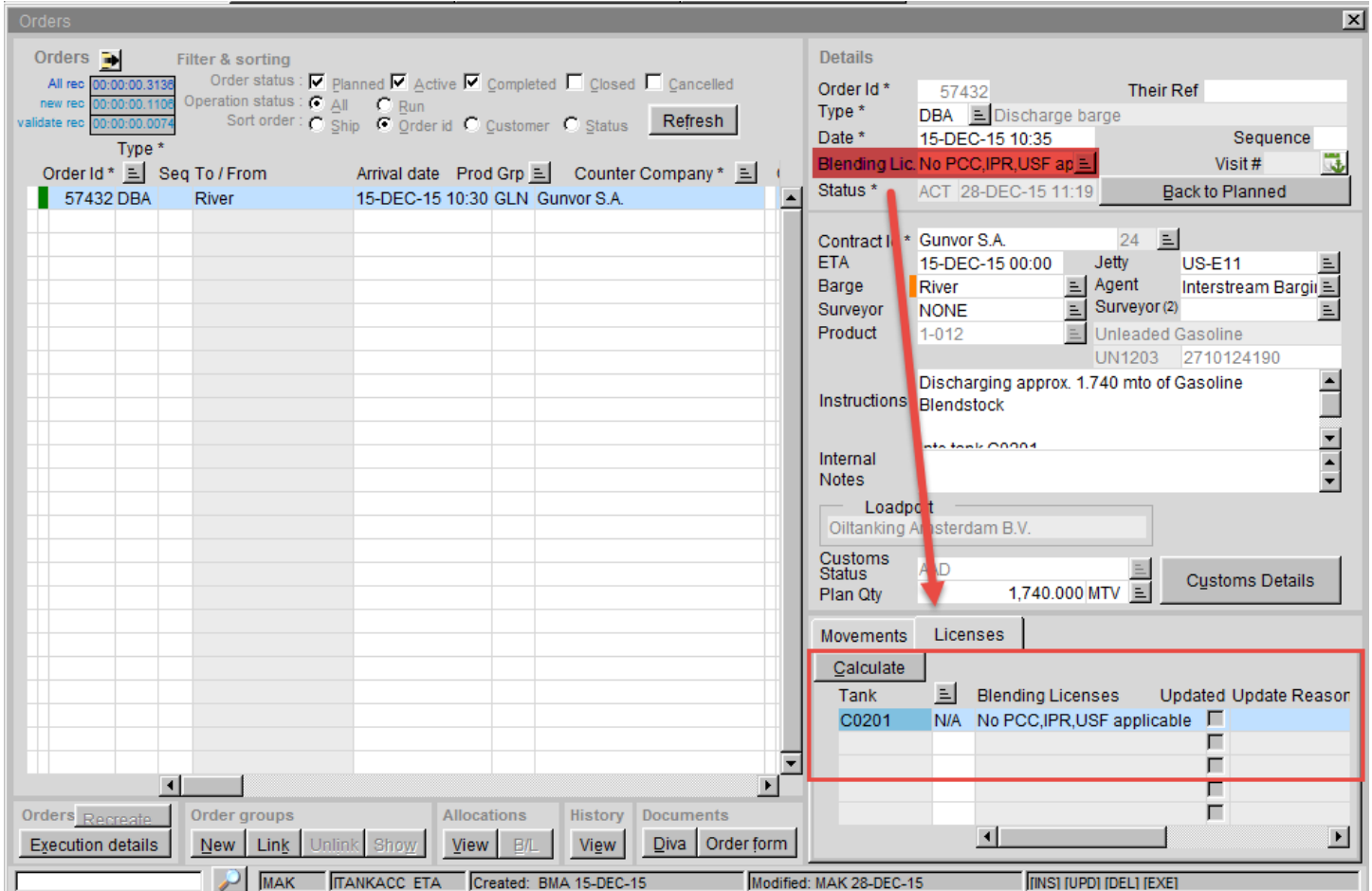


## Contents

1	Blending Licenses .....	1
1.1	Adjustment of the order screen .....	3
1.2	Change of product code and customs status.....	3
1.3	Automatically pre-filling and recalculation of the license.....	4
1.4	Overrule pre-filling blending license .....	4
1.5	Check blending licenses .....	4
1.6	Rules for determining the blending license automatically for DVE, DBA, PPI and DTR orders .....	7
1.7	Rules for determining the blending license automatically for BLE orders.....	7
1.8	Rules for determining the blending license automatically for TTT, STR and LDI orders.....	8
1.9	Tomcat Warnings/errors.....	10
2	Overview discharge order .....	14
3	Overview Blending Order .....	15
4	Technotes.....	16
5	Relation to Customs declaration and compliance .....	17

## 1.1 Adjustment of the order screen

The field "Blending Lic" will be replaced by the tab Licenses:



The screenshot shows the 'Orders' application window. The main table lists order details for order ID 57432, type DBA, arrival date 15-DEC-15 10:30, and counter company Gunvor S.A. The right-hand 'Details' panel shows various order attributes. A red arrow points from the 'Blending Lic. No PCC,IPR,USF ap' field in the details panel to the 'Licenses' tab in the 'Movements' section. The 'Licenses' tab contains a table with the following data:

Tank	Blending Licenses	Updated	Update Reason
C0201	N/A No PCC,IPR,USF applicable	<input type="checkbox"/>	

## 1.2 Change of product code and customs status

After activation of the order (order is in active status) it is not possible anymore, in principle, to change the product code or the customs status. The list of values will be greyed out. The reason for this is that Tomcat use those fields for the automatic calculation of the blending license. This means that it is only possible to change those fields when the order is in "planned" status. In the exceptional event that the actual documentation shows different information than the nomination, operations is able to put the order back to the planned status to modify the details. This action is restricted by means of authorization of the Shift Leaders and Assistant Shift leaders who have the responsibility to consult colleagues competent to verify and ensure the correctness of the changes made.

Details

Order Id \* 56466      Their Ref

Type \* DBA      Discharge barge

Date \* 15-OCT-15 16:04      Sequence

Status \* ACT 16-OCT-15 13:08      Back to Planned

Contract Id \* A.I.C. Limited      6

ETA 15-OCT-15 16:05      Jetty

Barge Admira      Agent Jaegers Shipping

Surveyor Saybolt Transfer      Surveyor (2)

Product 1-071      Gasoil Undyed, Sulphur Max. 0.0

UN1202      2710194790

Instructions

Internal Notes

Loadport

Customs Status AAD      1 KGV      Customs Details

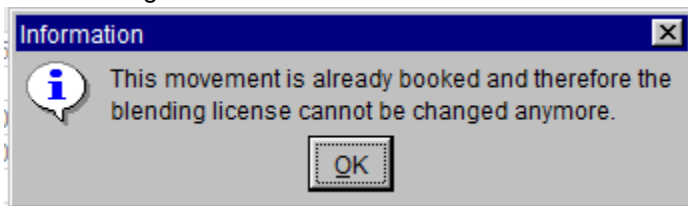
### 1.3 Automatically pre-filling and recalculation of the license

- Adding/ changing a tank (movement)
- Activation of the order (unless the blending license is manually changed)
- Logbook line “Check blending license “#”” (under logbook section “Discharging”)

### 1.4 Override pre-filling blending license

A value can be manually edited when the order is in “Planned” or “Active” status. (ACHNGBLE privilege needed). An update reason must be given.

The blending license cannot be overruled if the movement is booked.



For BLE orders, the blending license can be changed only when the order is in “planned” status. Overruling can be undone by removing the update reason.

### 1.5 Check blending licenses

Checks can be done to validate if the blending licenses are still accurate.

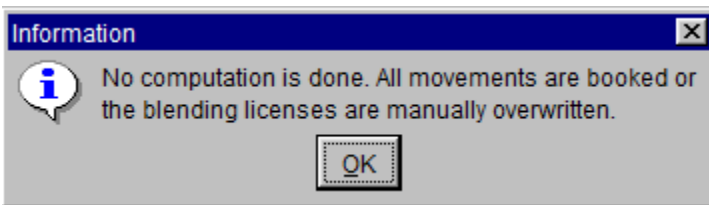
**Customer Service:** Via the button Calculate

The calculate button will recalculate and update the blending licenses for all movements, unless:

- the blending license is updated manually with an update reason;
- or the movement is already booked.

Movements		Licenses		
Calculate				
Tank		Blending Licenses	Updated	Update Reason
T11		N/A No PCC,IPR,USF applicable	<input type="checkbox"/>	
T303		N/A No PCC,IPR,USF applicable	<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	

WMI 21-SEP-2015 14:54:52



**Operations:** Via the logbook line "Check Blending License '#'"

There is a logbook line called "Check Blending License '#'" which Operations should use to have Tomcat check if the blending license for each movement is still valid prior to the actual start of the physical movement of the product. The system will update the license of the movement if the existing license is not valid anymore. This according the calculation rules and provided the movements are not booked. USF will only be updated by the system if it calculates NA.

Logbook	<input type="checkbox"/> Hide executed lines	<input type="checkbox"/> Show mandatory lines only
Planning		
Preparations		
Discharging		
Calculations		
Documents		

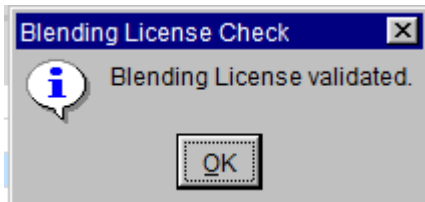
Line Description	Notes	Int	Ext	Event Occurred	User	Ext ts
Check Blending License 'C0053'		<input type="checkbox"/>	<input type="checkbox"/>	15-OCT-15 16:15	SLA	<input checked="" type="checkbox"/>

Note: For TTT STR LDI (types ITT) only one logbookline will be available. Meant to be used before booking first movement. It will update all (not booked movements to the same calculated blending license taking all tanks into account)

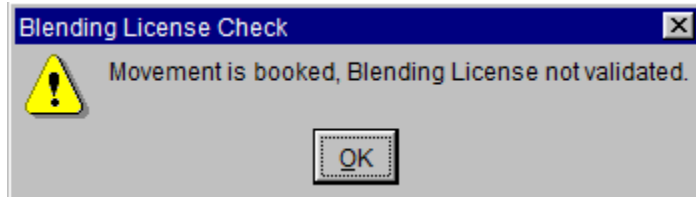
There are 3 checks which are done when pressing the logbook line:

- 1) Validation blending license.

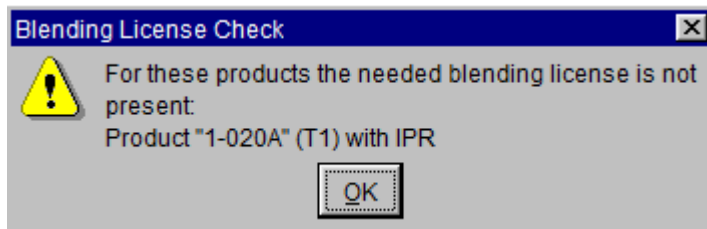
Underneath message will appear when the blending license remain the same or when the blending license has been updated automatically.



- 2) Check if movement is already booked.  
Underneath message will appear when the movement is already booked.

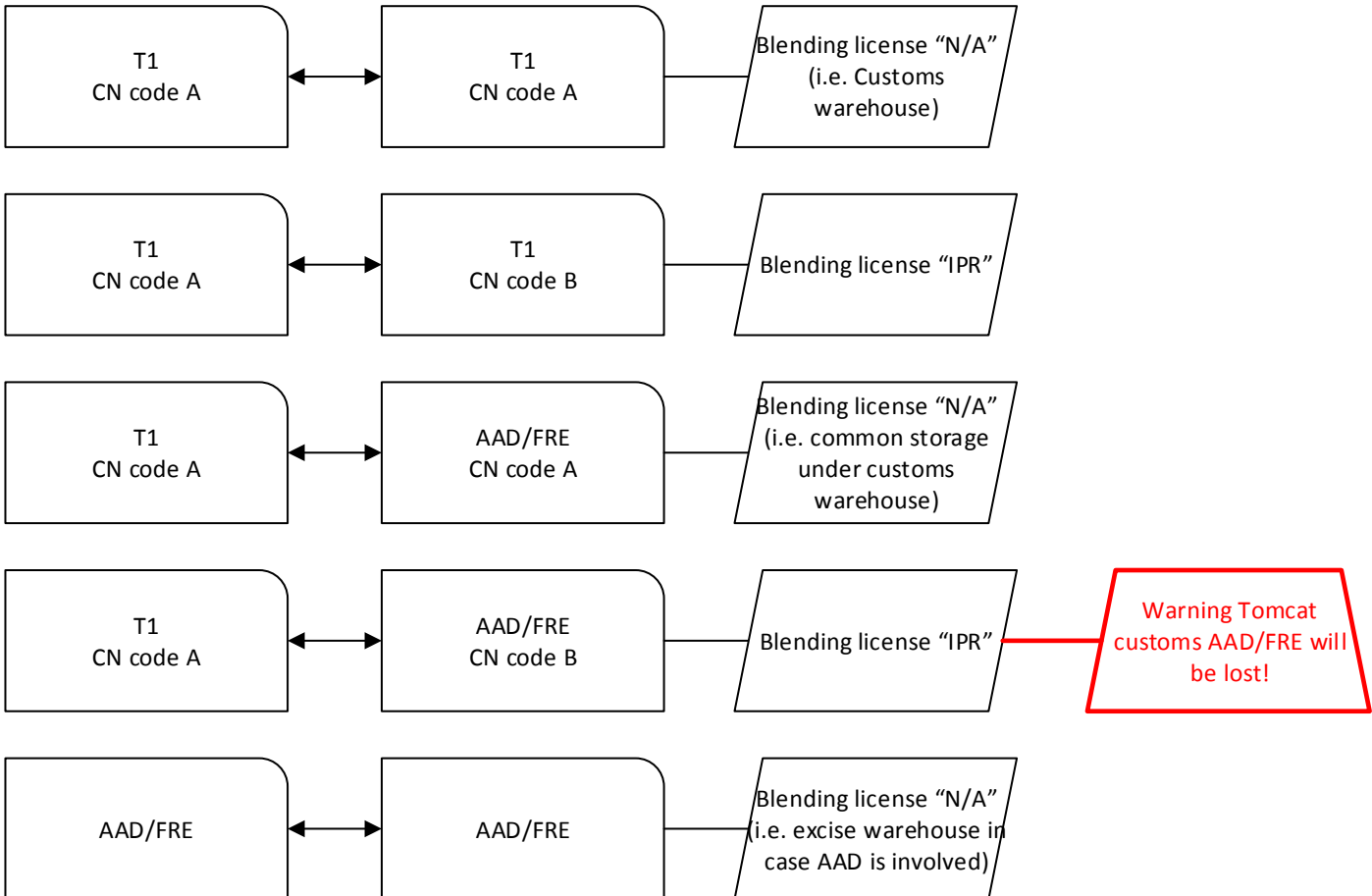


- 3) Check if product can be handled in blending license  
Underneath message will appear when the product in the order is not registered under the applicable blending license (only for T1 parcels, see TV-8307).



## 1.6 Rules for determining the blending license automatically for DVE, DBA, PPI and DTR orders

The blending license is automatically filled for incoming order types (DVE, DBA, PPI, DTR) based on the following rules:



## 1.7 Rules for determining the blending license automatically for BLE orders

The blending license in the blending orders (BLE) is automatically filled with the last blending license which was injected in the tank. The completion of the order does not recalculate the license.

In "Planned" status the user can update the license with privilege ACHNGBLE.

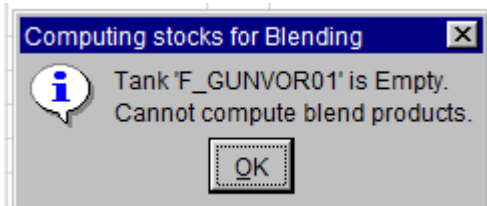
When the license of the last injection is other than N/A, the user is not able to choose N/A.

If the last injection is N/A, user is not be able to choose (gb) USF, (bod) PCC or (av) IPR.

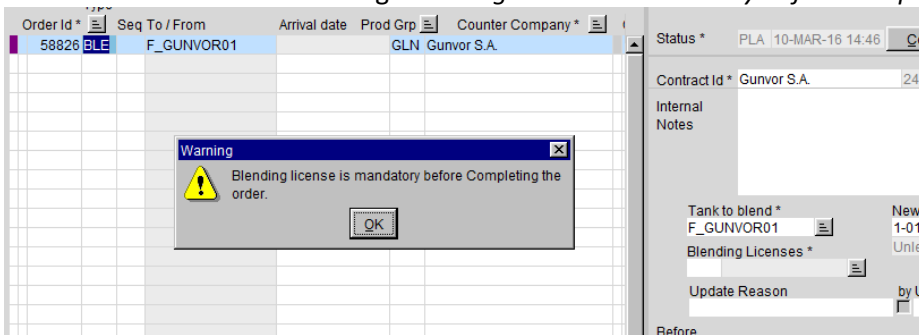
PCC (Processing under Customs Control) is a license chosen to avoid payments for Import Duties. So when you have a T1 >1 parcel with ie. 3.5% on duties, customer would like to blend with (a) AAD 10ppm parcel(s) free from Import Duties. In that way there will be no Import Duties left to pay. PCC needs to be chosen so customs can monitor what their "loss" is.

Order group with BLE on fictitious tank:

While creating the BLE order, the fictitious tank is still empty so no blending license can be computed.



This will result later in a warning: *Blending license is mandatory before completing the order*



Solution:

- Book the discharge into the fictitious tank first.
- Reselect the tank in the BLE order (license will be computed)
- Complete the Blending order

## 1.8 Rules for determining the blending license automatically for TTT, STR and LDI orders

More movements exist going to the same tank. The license on movement level could differ depending the sequence of execution of the movements in the TTT order. Therefore at Activation of the order, Tomcat will take all parcels into account (given the paper split statuses given) of all source tanks, resulting that for these order types, the license will be the same for all (non booked) movements.

This is valid at order activation, calculation button, and adding/changing a tank (movement).

This excludes manually overwritten blending license and booked movements.

Please note that when calculating a license in a TTT, all the involved should be booked and ready for this order (exceptions are the fictitious tanks, see explanation underneath). In case there is a license calculated, and afterwards in another order there are movements done that affects that license, this results in an incorrect license. The solution then is to unbook the order were the check has gone wrong and re-calculate the blending license. Tomcat chooses then the right license (see TV-8135).

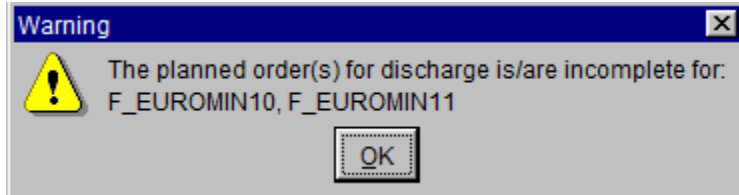
*28-Jul-16: About your question: 'I see that TomCat only calculates the blending license of the delivering tank. Is this correct?'*

*Tomcat does not calculate the blending license for the delivering tank, but per movement. This information is then used to determine the blending license for the receiving tank. It is designed this way, because previously the blending license on the TTT order could be different per movement. This changed some time ago: We now still have the blending license per movement, but it will always be the same for all movements. You can interpret this as the blending license for the receiving tank.*

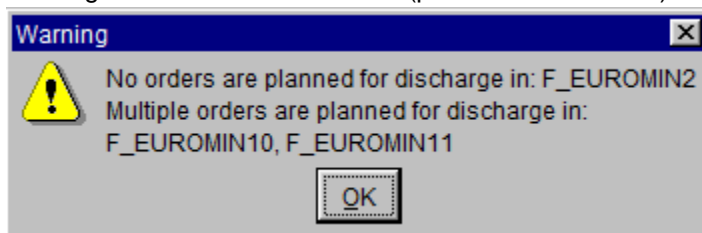
When the blending license is determined on the TTT, the fictitious tanks are not always filled yet.

The cn-codes and custom statuses on the orders that are planned to fill this fictitious tank will be taken into account when the fictitious tank is empty (TV-8310):

- For all **empty fictitious source-tanks** on a TTT order, the system searches for **planned or active incoming orders** (order types: DBA/DVE/DTR/DRA/PPI/RFP)
- When exactly 1 planned or active order is found, then the system will use the custom status and cn-code that are specified on that order
- When the planned or active orders do not have the cn-code or custom status specified, the user will receive a warning that the blending license could not be determined



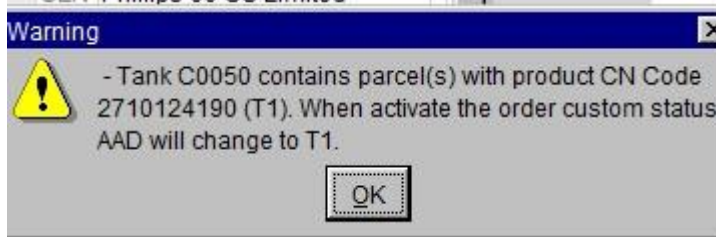
- When there are multiple planned or active orders and one of the orders do not have the cn-code or custom status specified, the user will receive a warning that the blending license could not be determined (print screen beneath)
- When there are no planned or active orders found for an empty fictitious tank, the user will receive a warning that the blending license could not be determined (print screen beneath)
- When there are multiple planned or active orders found for the empty fictitious tank, the user will receive a warning could not be determined (print screen beneath)



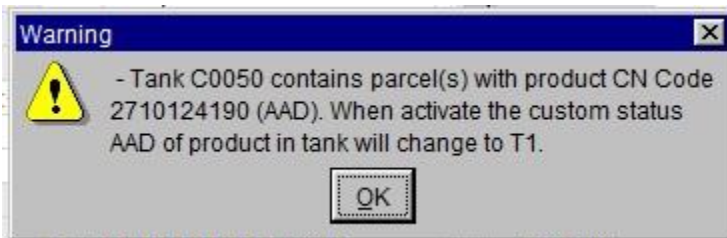
- When the blending license could not be determined the blending license will be emptied
- Customs statuses that are specified on the TTT order AND custom statuses that are used in the discharge orders are used for calculating the blending license
- The checks are done when:
  - the order is activated
  - the 'calculate' button is pressed
  - a tank is added
  - a tank is updated

## 1.9 Tomcat Warnings/errors/information

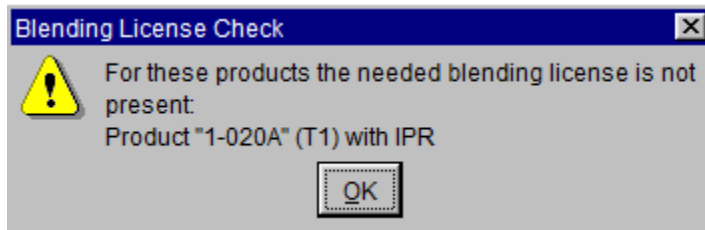
- AAD into T1 with different CN



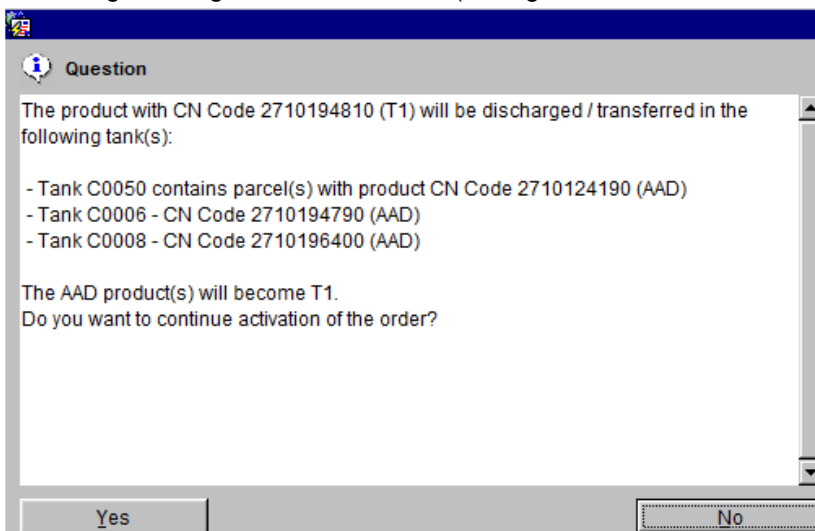
- T1 into AAD with different CN code



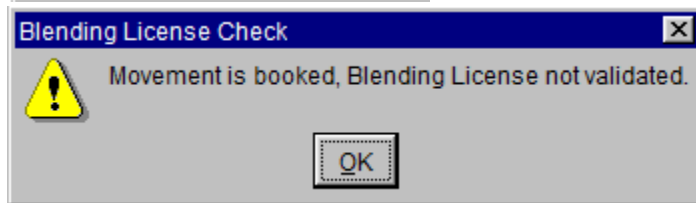
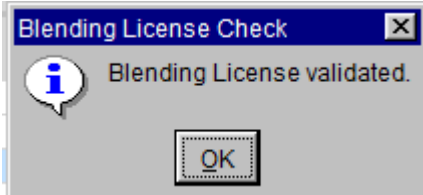
- Not allowed to handle product under calculated blending license (only for T1 parcels, see TV-8307).



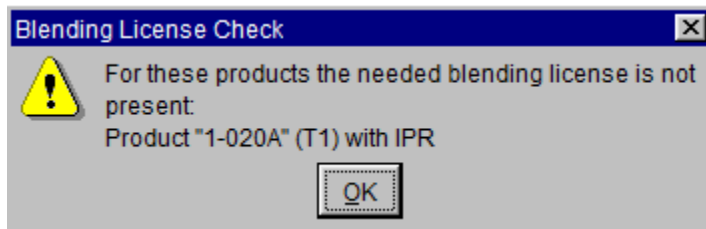
- IPR at activation
- A warning will be given in case of IPR (mixing different CN codes and different Customs statuses):



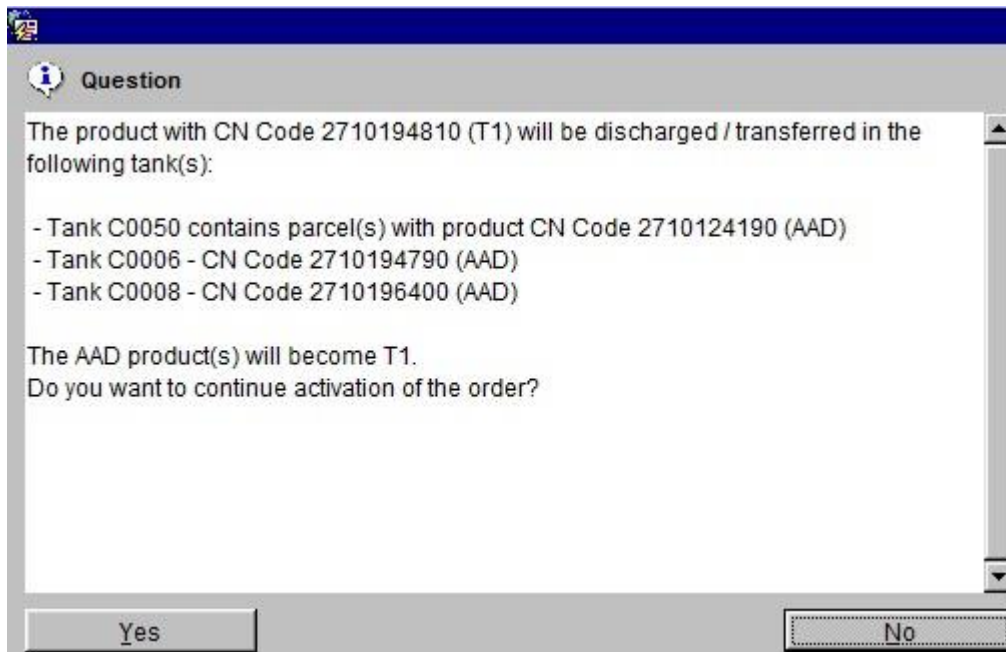
- Check Blending License ‘ #’ logbook line check



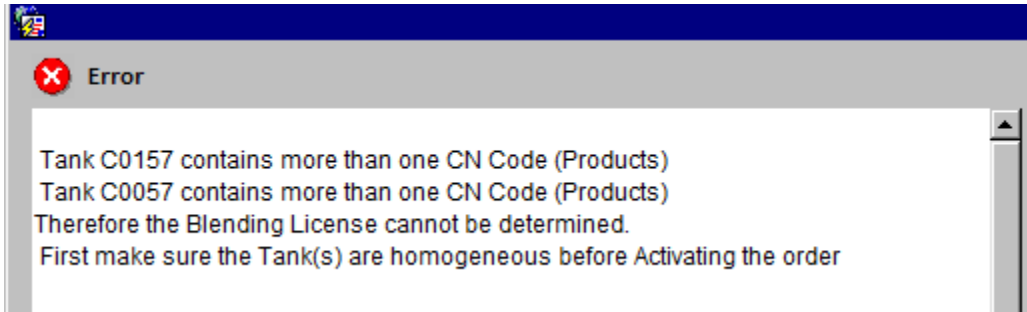
(only for T1 parcels, see TV-8307)



- Status and CN code mix at activation:



- An error is shown for TTT withdrawal tank that is not homogenous. System cannot calculate the blending license.

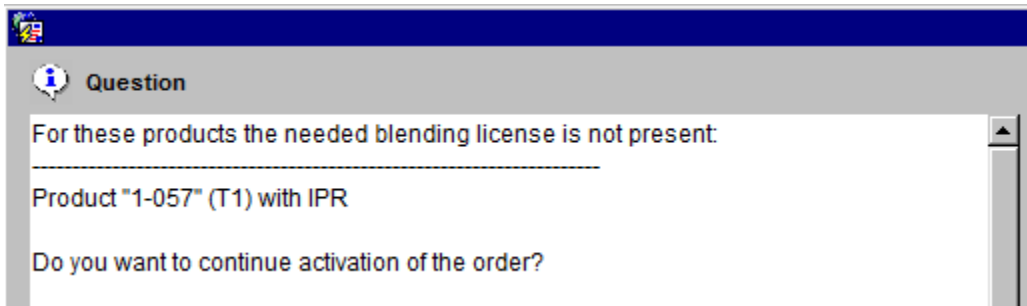


- An error is given when the product is not covered in the license (as setup in the products screen) that is calculated by the system (ACUSTCHK privilege needed to continue).

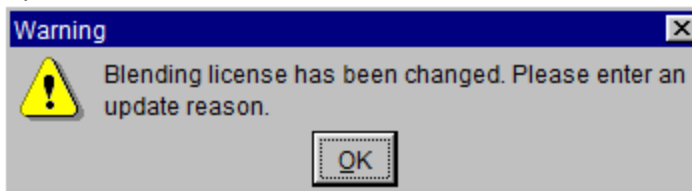
For discharge, TTT and BLE orders

(only for T1 parcels, see TV-8307)

Products					
Products		<input type="checkbox"/> Show inactive products			
Code *	Description *	Product Group *	PCC	Un	Number
			USF	IPR	
030	Methanol	Methanol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UN1230
1-001	Toluene/Xylene Mix	Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UN3295 2

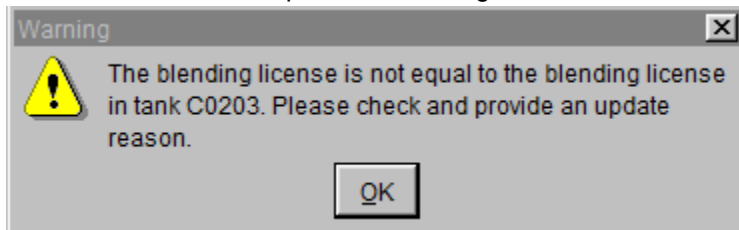


- Update reason:

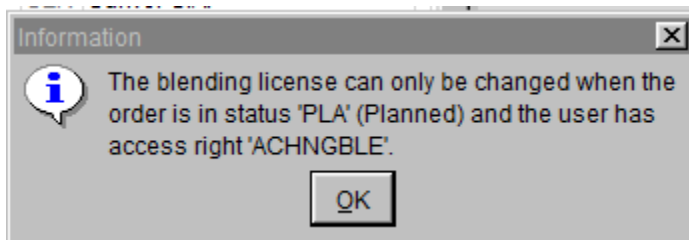


Tank	Blending Licenses	Updated	Update Reason	Updated by User	on Date
F_SK02	N/A	No PCC,IPR,USF applicable			

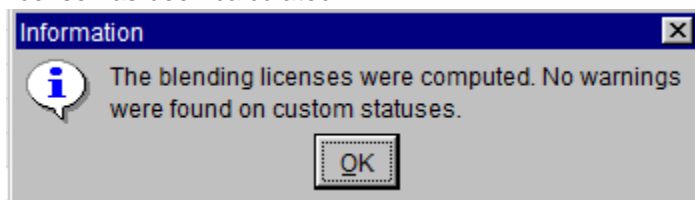
- A warning is given if the user try to complete a BLE order when the blending license is not equal to the blending license in tank and no update reason is given.



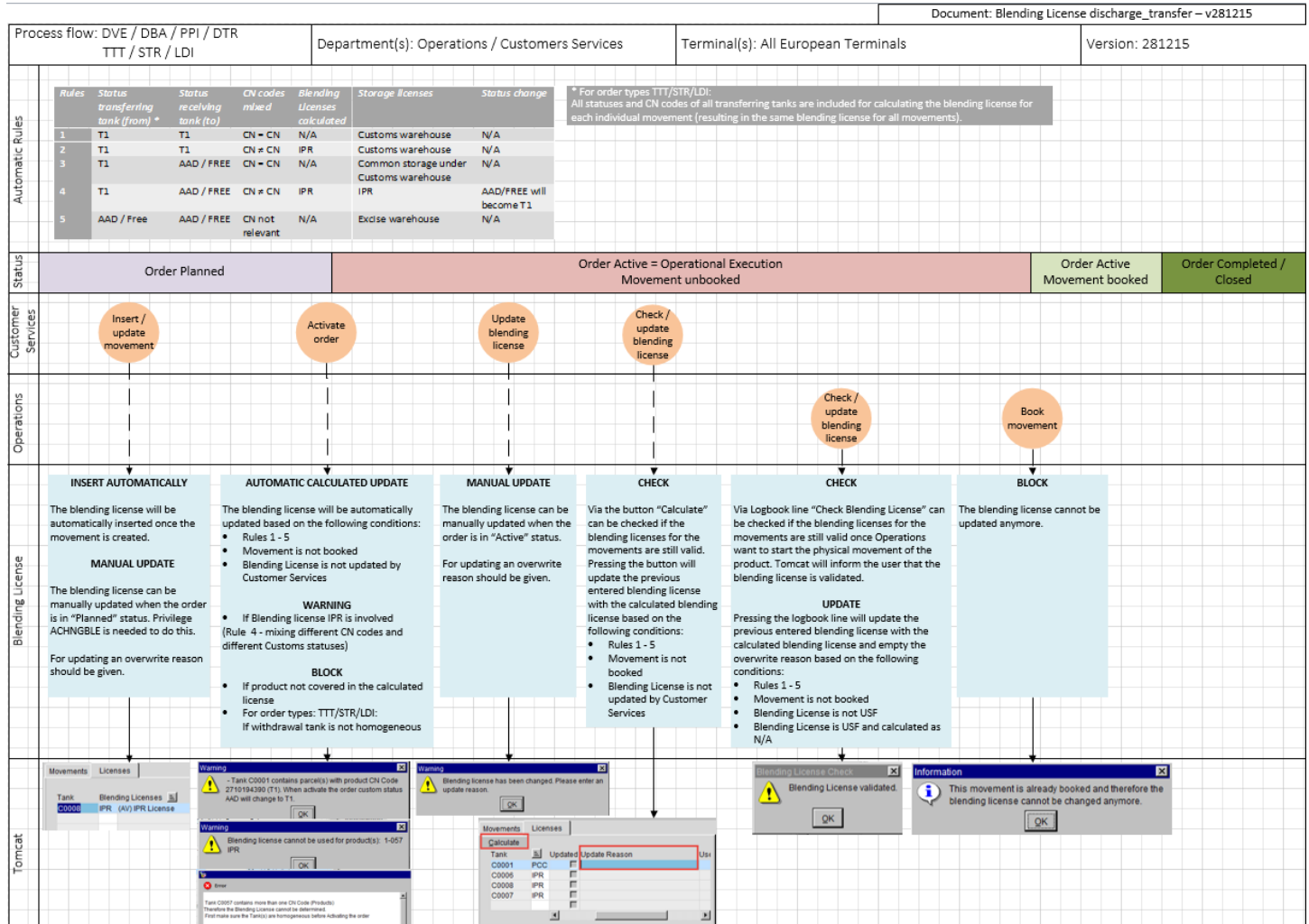
- A warning is given when the user tries to update the blending license when the order is in "completed" or "closed" status:



- In a TTT order, an informational message will be shown when there is no loss of customs status and the blending license has been calculated:

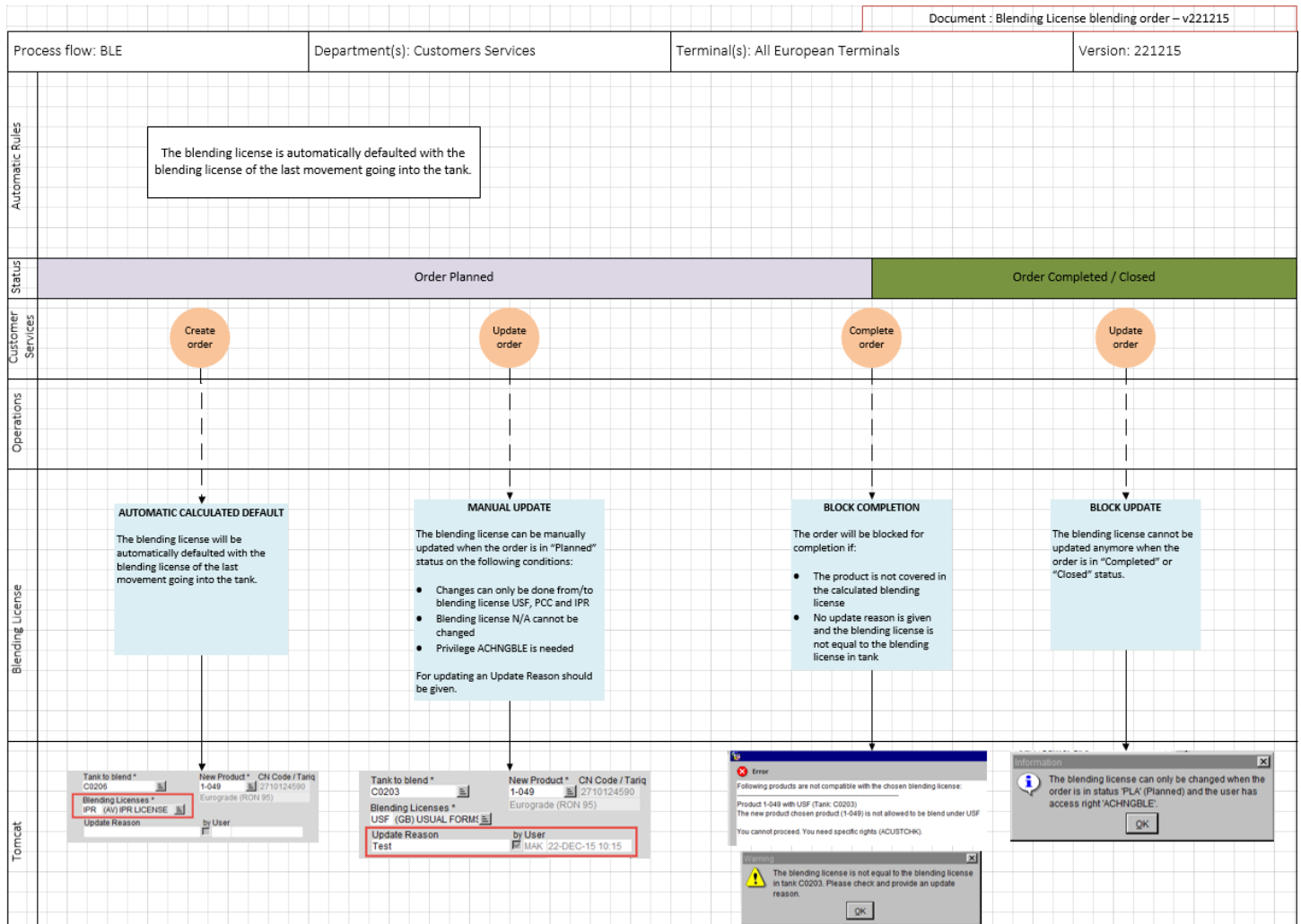


## 2 Overview discharge order



Blending License discharge\_transfer – v281215 (X:\ITK\SUPPORT\TV-5910)

### 3 Overview Blending Order



Blending License blending order – v221215 (x:itk\support\lv-5910 blending license)

#### 4 Technotes / setup

- To activate this functionality, set system parameter BLEONMVT to Y
- Logbook line setup: make sure the logbook line is a 'standard line' (flag). For new orders the logbook line will then be automatically present. For old orders the logbook line needs to be added manually.

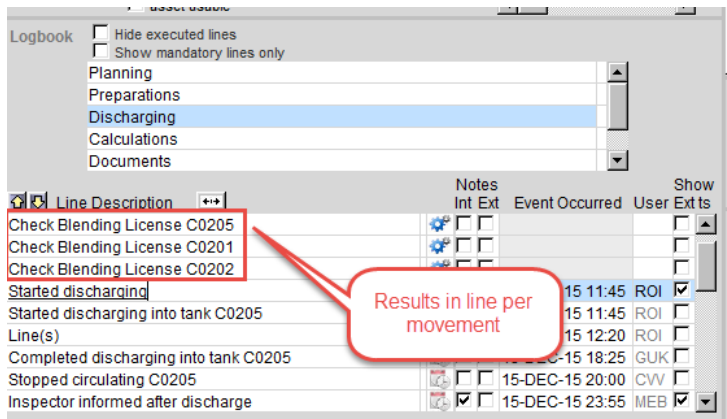
#### Asset mvt should not be set for TTT STR LDI

The screenshot shows the 'Logbook Template Lines Flat' window. The table lists several 'Check Blending License #' entries with columns for 'Standard Line', 'Unique', and 'Asset Mvt'. Red callouts indicate where to click to add these flags.

Line description	Type	Order	Section	Standard Line	Unique	Asset Mvt
Check Blending License #	ACT	DBA	Discharging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	DTR	Discharging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	DVE	Discharging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	PPI	Discharging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	STR	Transfers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	TTT	Transfers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The screenshot shows a larger view of the 'Logbook Template Lines Flat' window. The 'Asset Mvt' column is highlighted in yellow for the 'Check Blending License' line with type 'TTT'.

Line description	Type	Order	Section	Standard Line	Unique	Asset Mvt
Checked manholes Tank # at 50 cm liquid	EVT	CLN	Preparations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Checked running off enraf Tank #	EVT	CLN	Preparations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Checked manholes Tank # at 100 cm liqui	EVT	CLN	Preparations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Checked floating off Floating Roof	EVT	CLN	Preparations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	DBA	Discharging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	DTR	Discharging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Checklist	EVT	DVE	Preparations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License #	ACT	DVE	Discharging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check railcars list and inspection	EVT	LRA	Preparations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Checklist	EVT	LVE	Preparations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License	ACT	STR	Transfers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Blending License	ACT	TTT	Transfers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Line Description	Notes	Int	Ext	Event Occurred	User	Show
Check Blending License C0205						
Check Blending License C0201						
Check Blending License C0202						
Started discharging				15 11:45	ROI	<input checked="" type="checkbox"/>
Started discharging into tank C0205				15 11:45	ROI	<input type="checkbox"/>
Line(s)				15 12:20	ROI	<input type="checkbox"/>
Completed discharging into tank C0205				15-15 18:25	GUK	<input type="checkbox"/>
Stopped circulating C0205				15-DEC-15 20:00	CVW	<input type="checkbox"/>
Inspector informed after discharge				15-DEC-15 23:55	MEB	<input checked="" type="checkbox"/>

- ACHNGBLE privilege allows to manually update of the license
- ACUSTCHK privilege allows to continue when products are not compatible with the chosen blending license
- TV-5910

## 5 Relation to Customs declaration and compliance

From a legislative point of view there are two main criteria:

1. Before the actual physical blend the products should be placed under the respective customs procedure (equivalent “blending license”), which should be cleared/confirmed after the blend is administrated as completed; and
2. At any point of time we should be able to show authorities what products are placed under what customs procedure.

- Ad.1 The “check blending license” logbook line ensures that the correct blending license (i.e. customs procedure) is applied. When generating the supplementary declarations (i.e. GPA) the parcels injected into the blend are assigned the blending license applied on the blend order, to ensure consistency. The dates that are reported retrieved for the order leading to the physical blend and the customs status is determining for how the movement is reported (e.g. T1 parcels injected into the blend are reported as IPR coming from Customs Warehouse in case of an IPR blend order, AAD parcels are reported as IPR coming from Excise warehouse). The blend order also administrates the clearance of the blend. In line of the example provided, all the injected parcels are ‘cleared’ and reported as Customs warehouse coming from IPR, all parcels have become T1.
- Ad.2 From Tomcat we can derive an overview (if necessary) showing all activated orders and the blending licenses applied.