



Federal  
Public Service  
**FINANCE**



# PN-TS PROJECT

STATE-OF-PLAY  
FOCUS ON AIR

Yves Arys  
FPS Finance - Customs & Excise

22/12/2022

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CUSTOMS AND EXCISES • FEDERAL PUBLIC SERVICE FINANCE

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## AGENDA

1. Past
  - European collaboration within ETCIT
  - Communication towards economic operators
    - Baseline specifications
    - National Forum
    - FAQ
2. Present
  - Extended specifications for EO
    - Update MIG PN-TS
    - Coming soon: MIG REN
  - Support for economic operators
3. Future
  - New PN-TS go-live planning
  - Transition within new customs IT landscape



# 1. PAST: EU COLLABORATION WITHIN ETCIT

- **2017-2018: ANPNTS phase 1**
  - BE leads EU project team
  - Goal: alignment of processes and data
  - Outcome:
    - BPMN Level 3 review
    - BPMN Level 4 design
    - Conceptual data model
- **2018-2019: ETCIT I**
  - BE involved in WP1 (Brainstorming on collaboration) and WP2 (Brainstorming on pilot projects)
  - Goal: establish EU framework for collaboration between Member States
  - Outcome: PN-TS becomes one of the pilot projects
- **2019-2022: ETCIT II**
  - BE leads WP2 expert team (10 Member States)
  - Goal: analysis, architecture and implementation of PN-TS
  - Outcome:
    - Baseline specifications published for EO and all EU Member States
    - Re-usable architecture for interested Member States
    - Start of BE implementation
- **2022-today: ETCIT III**
  - BE leads WP2 expert team (4 Member States)
  - Goal: continuation of ETCIT II with focus on implementation and testing
  - Outcome:
    - BE solution ready to be tested by EO
    - FR, SE, MT (and CY?) decision to implement BE solution

# 1. PAST: COMMUNICATION TOWARDS ECONOMIC OPERATORS

- Baseline specifications for economic operators made available as soon as possible
  - Message implementation guide v0.1.0 **published on 11/10/2021**
  - Contains all message specifications related to:
    - Submission of a presentation notification
    - Pre-lodged TSD
      - Submission
      - Amendment
      - Activation
      - Invalidation
    - Combined TSD
      - Submission
      - Amendment
- Project, processes and specifications presented to EO via National Forum
  - WG Digital Strategy - Software providers
    - 20/05/2021
  - WG Operations PN-TS
    - 12/07/2021
    - 27/10/2021
    - 22/12/2021
    - 02/02/2022
    - 26/04/2022
    - 18/05/2022
  - Open Forum
    - 25/01/2022
    - 14/10/2022
- FAQ: [https://financien.belgium.be/nl/douane\\_accijnzen/ondernemingen/applicaties-da/masp-electronic-customs/toepassingen-masp/pn-ts/faq-pn](https://financien.belgium.be/nl/douane_accijnzen/ondernemingen/applicaties-da/masp-electronic-customs/toepassingen-masp/pn-ts/faq-pn)



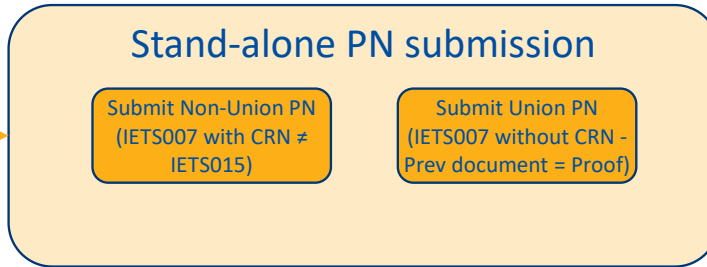
## 2. PRESENT: EXTENDED SPECIFICATIONS

- Update MIG PN-TS
  - Message implementation guide v0.2.0 published on 23/09/2022
  - Very few changes to the v0.1.0 message specifications
    - Most important change: presentation of Union goods with IETS007
  - New message specifications related to the TSD lifecycle
    - Control notification and status update
    - Transfer and deconsolidation notification
    - End of temporary storage notification
- Coming soon: MIG REN (Re-export notification)



# MIG SCOPE

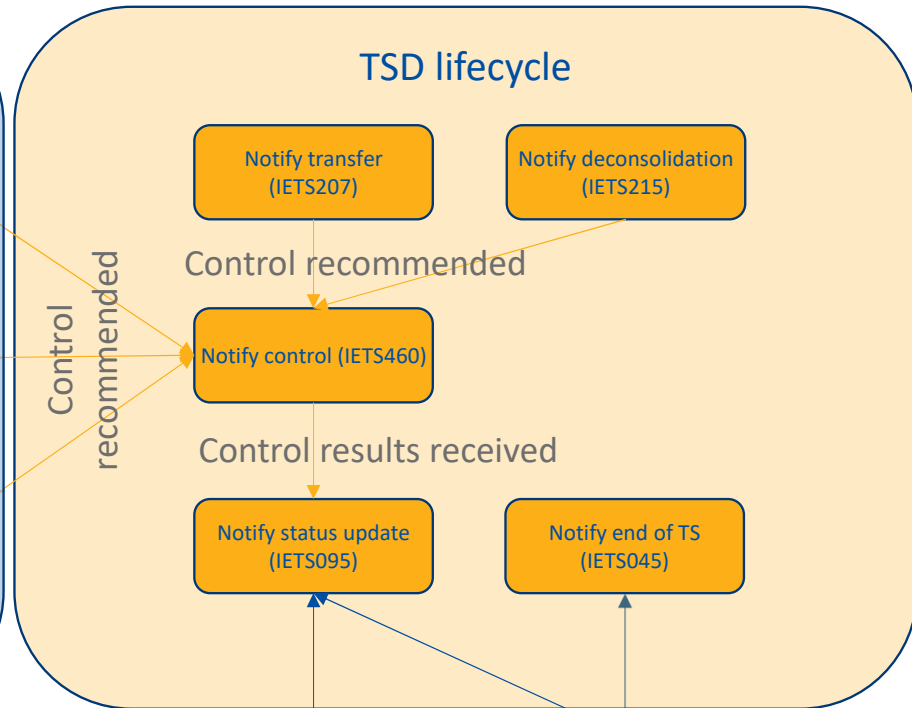
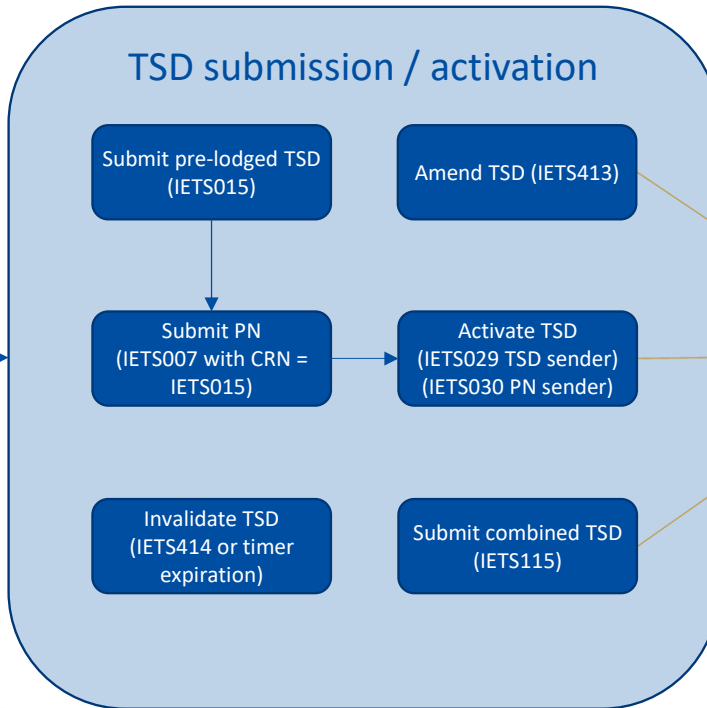
Goods to be presented outside TS procedure



MIG v0.1.0

MIG v0.2.0

Goods to be placed under temporary storage



Control recommended

TSD irregularity handled

TSD timer expired



## MIG SCOPE

Declaration available upon presentation

Type of PN	Pre-logged TSD	Proof of Union status	Customs declaration
PN for TS	✓	✗	✗
Combined TSD	✗	✗	✗
Stand-alone PN (Union goods)	✗	✓	✗
Stand-alone PN (Non-Union goods)	✗	✗	✓

- PN for TS: IETS007 with CRN = IETS015, Previous document = ENS (if available)
- Stand-alone PN (Union goods): IETS007 without CRN, Previous document = Proof of Union status (+ ENS if applicable)
- Stand-alone PN (Non-Union goods): IETS007 with CRN = customs declaration reference and/or Previous document = ENS

MIG v0.1.0

MIG v0.2.0



## 2. PRESENT: SUPPORT FOR ECONOMIC OPERATORS

- Customs will support the PN-TS taskforces that have been established by economic operators
  - Organized by transport mode
    - Maritime: Alfaport
    - Air: Air Cargo Belgium
  - All actors need to be involved (not only Antwerp / Brucargo)
  - Economic operators need to decide about their roles as soon as possible
    - Customs will not participate to the decision making process
    - Scenario's made available to facilitate the decision making process
    - Customs has no preferred scenario
- Sense of urgency needed





### 3. FUTURE: NEW PN-TS GO-LIVE PLANNING

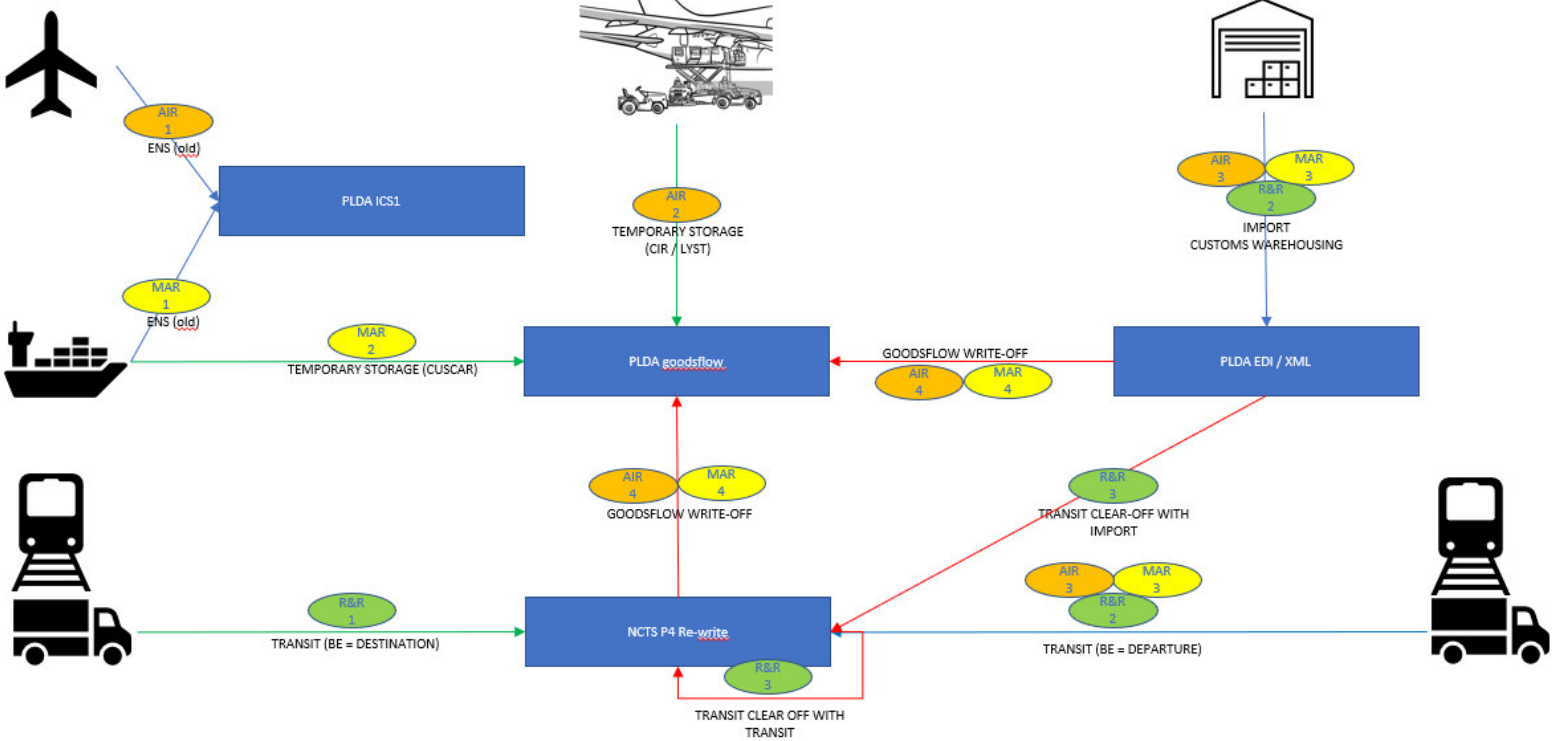
- PN AIR: 30/06/2023
- TSD AIR: 31/12/2023
- PN + TSD MARITIME: 01/03/2024
  
- RAIL & ROAD linked to NCTS P5: 30/06/2023 (re-use of transit data)
  
- Switch to new Goods Accounting linked to lodgement of new TSD
  - No CUSCAR / CIR for consignments covered by a TSD
  - No migration from PLDA goodsflow to new Goods Accounting
    - CUSCAR / CIR written off in PLDA goodsflow
    - TSD written off in Goods Accounting
    - Declaration components will support both until phase-out of PLDA goodsflow

### 3. FUTURE: TRANSITION WITHIN NEW CUSTOMS IT LANDSCAPE

AS IS

DECLARATION  
 OFFWRITABLE DOCUMENT  
 OFFWRITER DOCUMENT

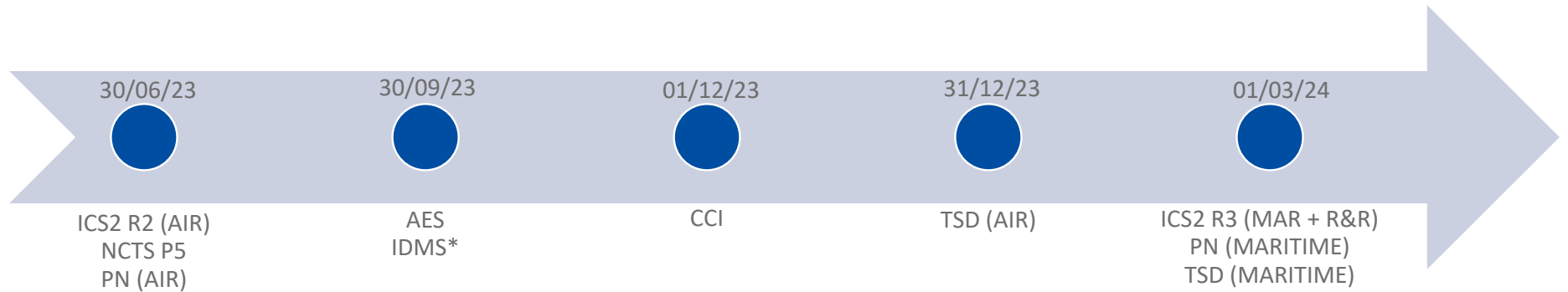
AIR AIR POSTAL, EXPRESS & CARGO MAR MARITIME R&R RAIL & ROAD



### 3. FUTURE: TRANSITION WITHIN NEW CUSTOMS IT LANDSCAPE



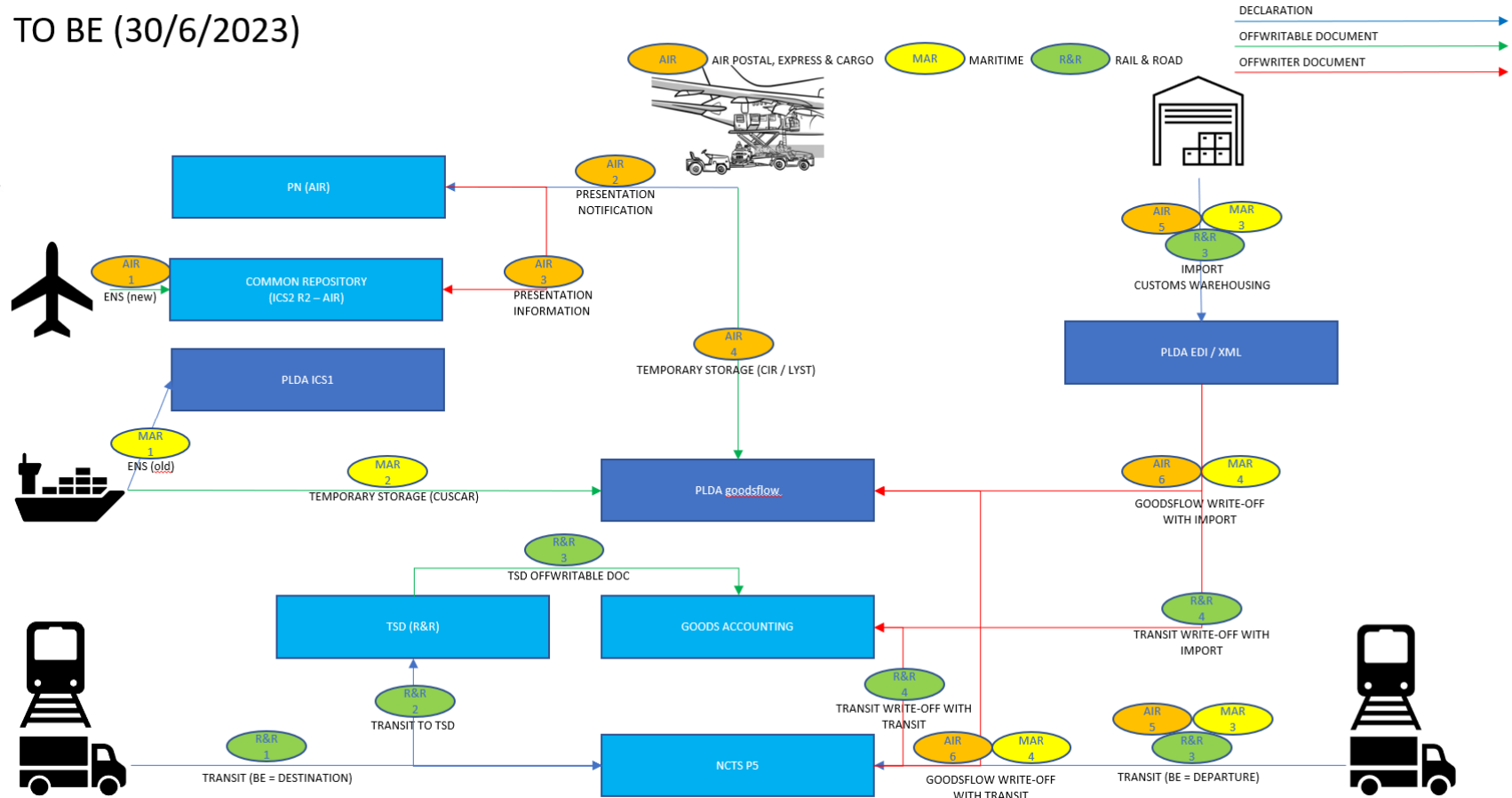
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\*01/10/23

### 3. FUTURE: TRANSITION WITHIN NEW CUSTOMS IT LANDSCAPE

TO BE (30/6/2023)

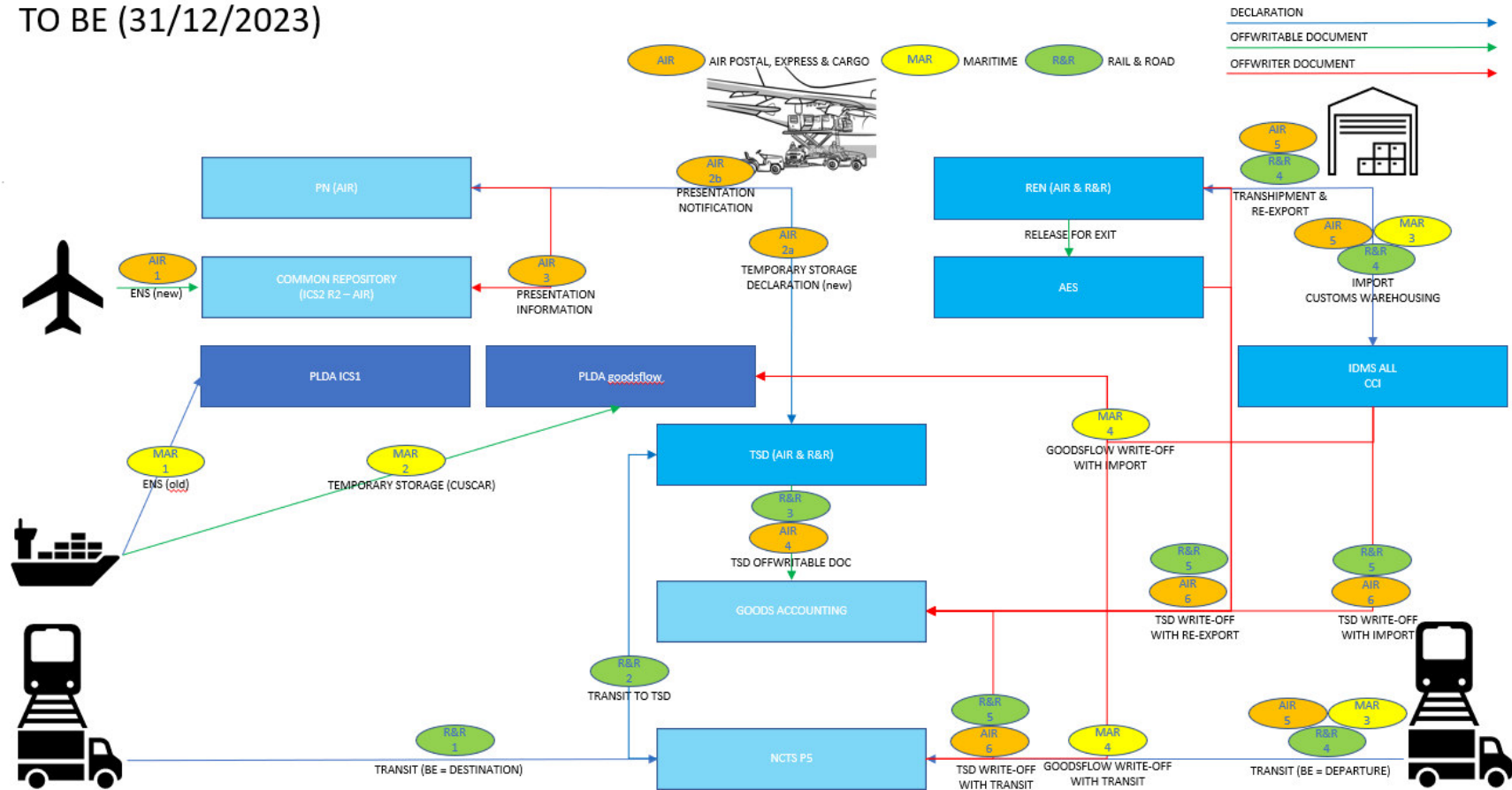


### 3. FUTURE: TRANSITION WITHIN NEW CUSTOMS IT LANDSCAPE

TO BE (31/12/2023)

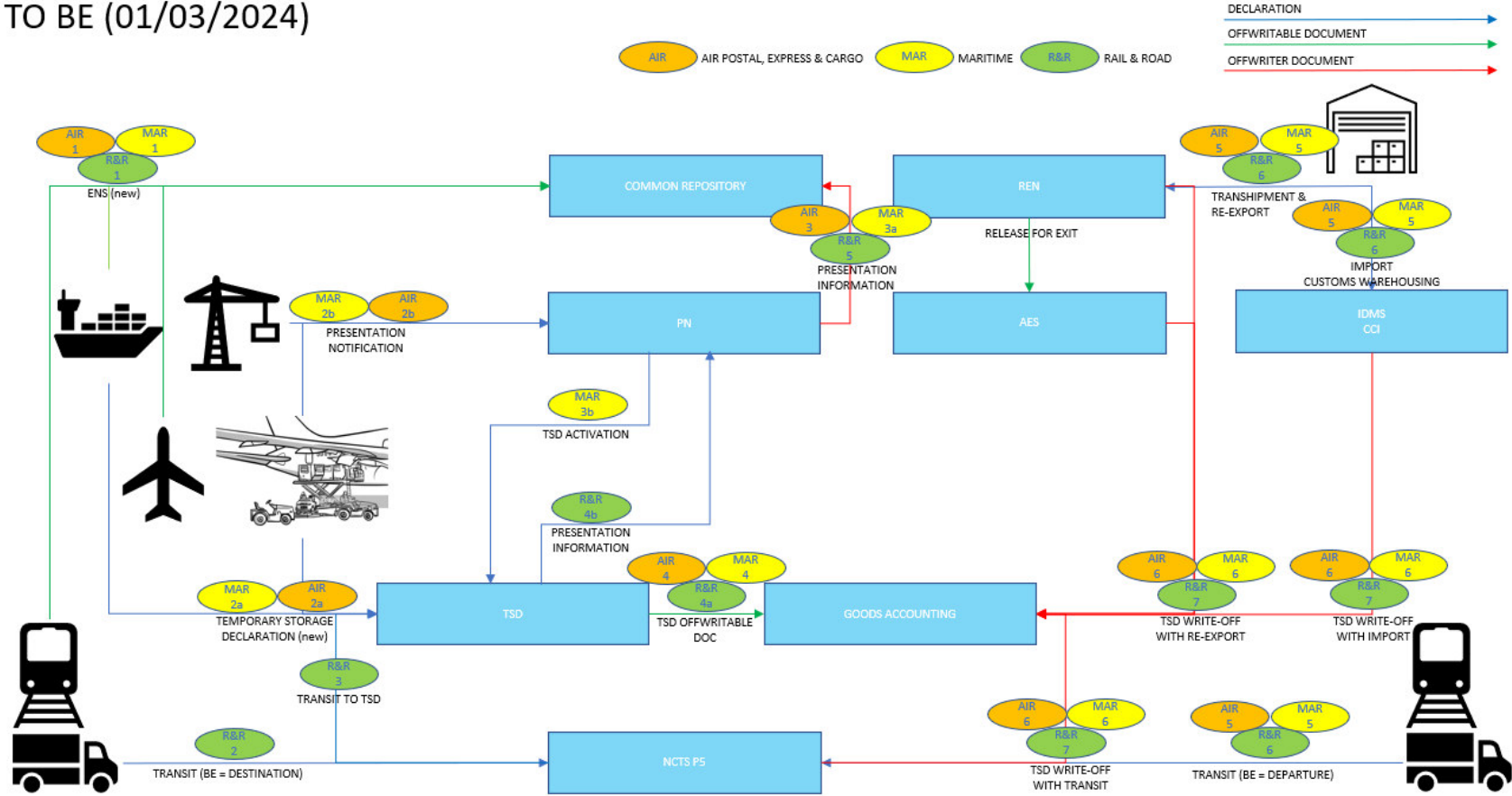


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### 3. FUTURE: TRANSITION WITHIN NEW CUSTOMS IT LANDSCAPE

TO BE (01/03/2024)





## AIR SCENARIO'S RECAP



- 10 sample scenario's elaborated by BE customs and made available to the air community on 28/6/2022
  - Working document for trade
  - Demonstrates the information exchange needed between economic operators according to various roles within different scenario's (not exhaustive)
  - Goal = assess feasibility in the context of your business processes & make arrangements with your partners
- [https://www.naforna.be/nl/system/files/Scenario\\_SWG\\_PNTS\\_Zee-Lucht.xlsx](https://www.naforna.be/nl/system/files/Scenario_SWG_PNTS_Zee-Lucht.xlsx)

When?	Who?	What?	Union goods	Non-Union goods	1. Combined TSD (MAWB) 2. PN for Union goods 3. Transfer notification 4. Deconsolidation notification 5. Multiple customs declarations 6. Write-off with customs declarations	1. Combined TSD (MAWB) 2. PN for Union goods 3. Transfer notification 4. Customs declaration 5. Write-off with customs declaration	2. Combined TSD (MAWB from ENS) 3. Transfer notification 4. Multiple customs declarations 5. Write-off with customs declarations	1. Pre-logged TSD (MAWB) 2. PN for TSD + PN for Union goods 3. Transfer notification 4. Customs declaration 5. Write-off with customs declaration	1. Pre-logged TSD (MAWB) 2. PN for TSD + PN for Union goods 3. Transfer notification 4. Deconsolidation notification 5. Multiple customs declarations 6. Write-off with customs declarations	1. Pre-logged TSD (MAWB) 2. PN for TSD + PN for Union goods 3. Transfer notification with REN 4. Write-off with REN	1. Pre-logged TSD (MAWB) 2. Pre-logged customs declaration 3. PN for TSD + PN for Union goods 4. PN for customs declaration 5. Write-off with customs declaration	1. Pre-logged TSD (MAWB from ENS) 2. Multiple pre-logged customs declarations 3. PN for TSD + PN for Union goods 4. PN for customs declaration 5. Write-off with customs declaration	1. Pre-logged TSD (MAWB from ENS) 2. PN for TSD + PN for Union goods 3. Customs declaration 4. Write-off with customs declaration	1. Pre-logged TSD (MAWB) 2. PN for TSD + PN for Union goods 3. Transfer notification 4. Deconsolidation notification 5. Multiple customs declarations 6. Write-off with customs declarations
Pre-arrival	Carrier / cargo agent				Share ENS MRN and master consignment details with Ground handling agent (TSF1) / PCS		Share ENS MRN and master consignment details with Ground handling agent (TSF1) / PCS		Share ENS MRN and master consignment details with Ground handling agent (TSF1) / PCS		Share ENS MRN and transport document references of consignments to be unloaded with Ground handling agent (TSF1) / PCS		Share ENS MRN and master consignment details with Authorisation holder A (TSF2)	
	Carrier / cargo agent				Share proof of Union status reference of consignments to be unloaded with Ground handling agent (TSF1) / PCS									
	Ground handling agent (TSF1) / PCS	Goods planned to be unloaded			/	/	/	/	/	/	/	/	/	/
	Ground handling agent (TSF1) / PCS (if AEO)				/	/	/	/	/	/	/	/	/	/
	Authorisation holder A (TSF2) / representative				/	/	/	/	/	/	/	/	/	/
	Authorisation holder A (TSF2) / representative (if AEO)				/	/	/	/	/	/	/	/	/	/
	Importer A / representative				/	/	/	/	/	/	/	/	/	/
Importer A (if AEO) / representative				/	/	/	/	/	/	/	/	/	/	
Importer B / representative				/	/	/	/	/	/	/	/	/	/	
Importer B (if AEO) / representative				/	/	/	/	/	/	/	/	/	/	
Arrival of means of transport	Carrier / cargo agent	Means of transport			If first entry: lodge arrival notification (E2ND0)									
	Carrier / cargo agent	Goods subject to SLS controls upon first entry (non-waiving obligatory)			If ENS control at first entry: Receive ENS control notifications (E2ND0) and share with Ground handling agent (TSF1) / PCS									
Unloading at Ground handling agent (TSF1)	Ground handling agent (TSF1) / PCS	Goods actually unloaded from the means of transport			Lodge master level combined (E2T1115) with previous document + ENS MRN		Lodge combined TSD (E2T1115 minimal dataset) with previous document + ENS MRN and reference to transport documents of unloaded consignments		Lodge entry presentation notification (E2S007) with reference to E2T021 CNR, unloaded transport documents and previous document + ENS MRN					
	Ground handling agent (TSF1) / PCS				Lodge entry presentation notification (E2S007) with previous document + Proof of Union status reference and reference to unloaded transport documents									
	Ground handling agent (TSF1) / PCS	Goods in temporary storage to be controlled before release for customs procedure			Receive TSD control notifications (E2S460) If ENS control upon unloading: Receive national ENS control notification (E2AN03)									
	Authorisation holder A (TSF2) / representative				/	/	/	/	/	/	/	/	/	
Before departure from Ground handling agent (TSF1)	Importer A / representative				/	/	/	/	/	/	/	/	/	
	Importer A / representative	Goods in temporary storage to be released for customs declaration			/	/	/	/	/	/	/	/	/	
	Importer B / representative				/	/	/	/	/	/	/	/	/	
	Importer B / representative				/	/	/	/	/	/	/	/	/	
	Exporter / representative	Goods in temporary storage to be re-exported			/	/	/	/	/	/	/	/	/	
Arrival at TSF2	Ground handling agent (TSF1) / PCS (if authorisation allows transfer)				Share TSD MRN and master level transport document reference with Authorisation holder (TSF2) / representative									
	Authorisation holder A (TSF2) / representative (if authorisation allows transfer)	Goods in temporary storage transferred to another TSF outside the transit procedure			Lodge transfer notification (E2S307) with reference to TSD MRN and master level transport document									
	Authorisation holder A (TSF2) / representative (if authorisation allows transfer)				Lodge transfer notification (E2S307) with reference to TSD MRN and master level transport document									
Before departure from TSF2	Importer C / representative				Share deconsolidation details with Authorisation holder (TSF2) / representative (those level transport document reference, weight and/or number of packages)		Share deconsolidation details with Authorisation holder (TSF2) / representative (those level transport document reference, weight and/or number of packages)		Share deconsolidation details with Authorisation holder (TSF2) / representative (those level transport document reference, weight and/or number of packages)					
	Importer D / representative				Share deconsolidation details with Authorisation holder (TSF2) / representative (those level transport document reference, weight and/or number of packages)		Share deconsolidation details with Authorisation holder (TSF2) / representative (those level transport document reference, weight and/or number of packages)		Share deconsolidation details with Authorisation holder (TSF2) / representative (those level transport document reference, weight and/or number of packages)					
	Authorisation holder A (TSF2) / representative	Goods in temporary storage to be deconsolidated before import/transit declaration can be lodged			Lodge deconsolidation notification (E2S215) with reference to TSD MRN and master level transport document and share TSD MRN with Importer(s)		Lodge deconsolidation notification (E2S215) with reference to TSD MRN and master level transport document and share TSD MRN with Importer(s)		Lodge deconsolidation notification (E2S215) with reference to TSD MRN and master level transport document and share TSD MRN with Importer(s)					
	Authorisation holder A (TSF2) / representative				Share TSD MRN with Importer(s)		Share TSD MRN with Importer(s)		Share TSD MRN with Importer(s)					
	Authorisation holder A (TSF2) / representative				Receive deconsolidation notification control notification (E2S460)		Receive deconsolidation notification control notification (E2S460)		Receive deconsolidation notification control notification (E2S460)					
	Importer C / representative				Lodge customs declaration (E415 / E015) with previous document + TSD MRN									
	Importer C / representative	Goods in temporary storage to be released for customs procedure			Receive customs declaration control notification (E460 / E060) and share with Authorisation holder A (TSF2) / representative									
Importer D / representative					Lodge customs declaration (E415 / E015) with previous document + TSD MRN		Lodge customs declaration (E415 / E015) with previous document + TSD MRN		Lodge customs declaration (E415 / E015) with previous document + TSD MRN					
Importer D / representative					Receive customs declaration control notification (E460 / E060) and share with Authorisation holder A (TSF2) / representative		Receive customs declaration control notification (E460 / E060) and share with Authorisation holder A (TSF2) / representative		Receive customs declaration control notification (E460 / E060) and share with Authorisation holder A (TSF2) / representative					





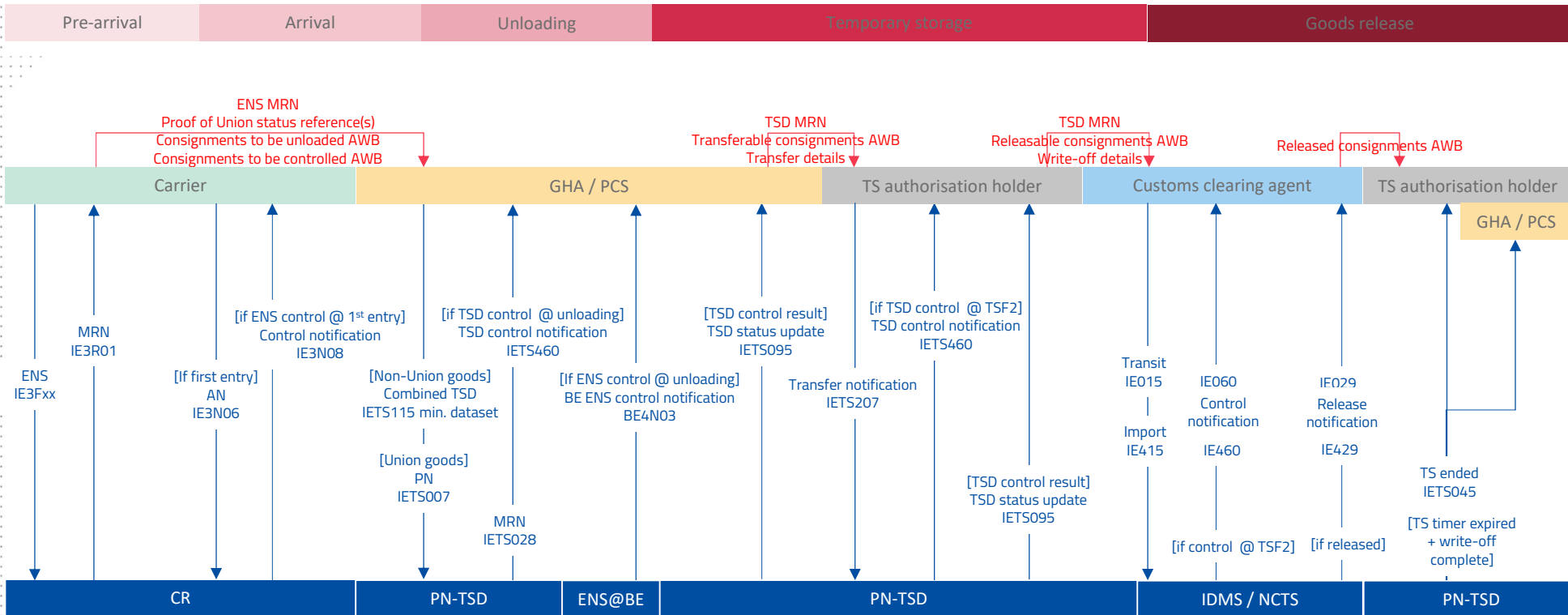
## AIR SCENARIO'S RECAP

- None of the pre-lodged TSD scenario's seemed feasible to the air community
-  Pre-lodged TSD scenario lodged by TSF2 (e.g. Bpost, express courriers, ...) taken into consideration?
- Baseline = combined TSD with ENS re-use lodged by ground handler
  -  If no ENS is available, full TSD dataset needed
  - ENS re-use = deconsolidation by default
    - No amendment / deconsolidation notification allowed
    - → HAWB quantities as declared in ENS to be written-off
- Recap of 3 scenario's:
  1. Combined TSD (ENS re-use) by ground handler / PCS, transfer by TSF2
  2. Combined TSD (full dataset - MAWB) by ground handler / PCS, transfer / deconsolidation by TSF2
  3. Pre-lodged TSD (full dataset - MAWB / HAWB) by TSF2, PN by ground handler / PCS, transfer by TSF2





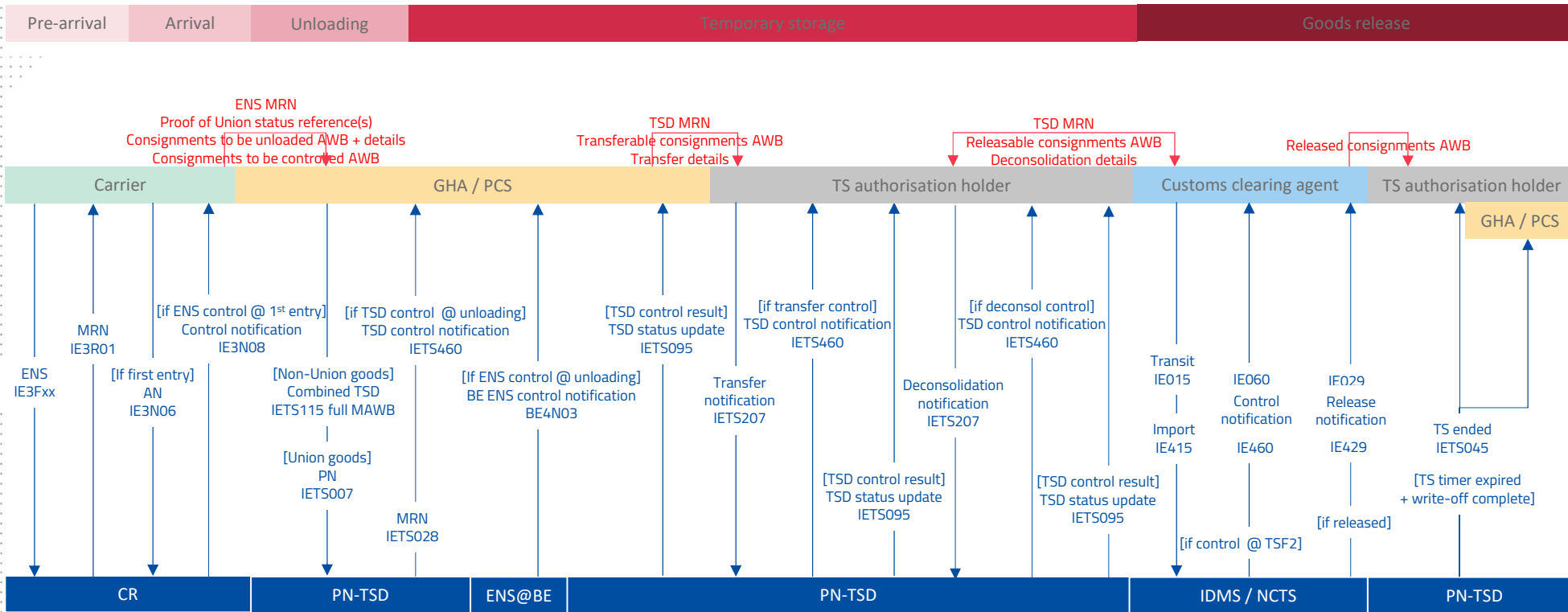
# 1. COMBINED TSD (ENS RE-USE) BY GROUND HANDLER / PCS, TRANSFER BY TSF2



PN = Presentation notification component  
 TSD = Temporary storage declaration component  
 GA = Goods accounting component  
 ENS@BE = Entry summary declaration data source  
 CR = ENS Common Repository



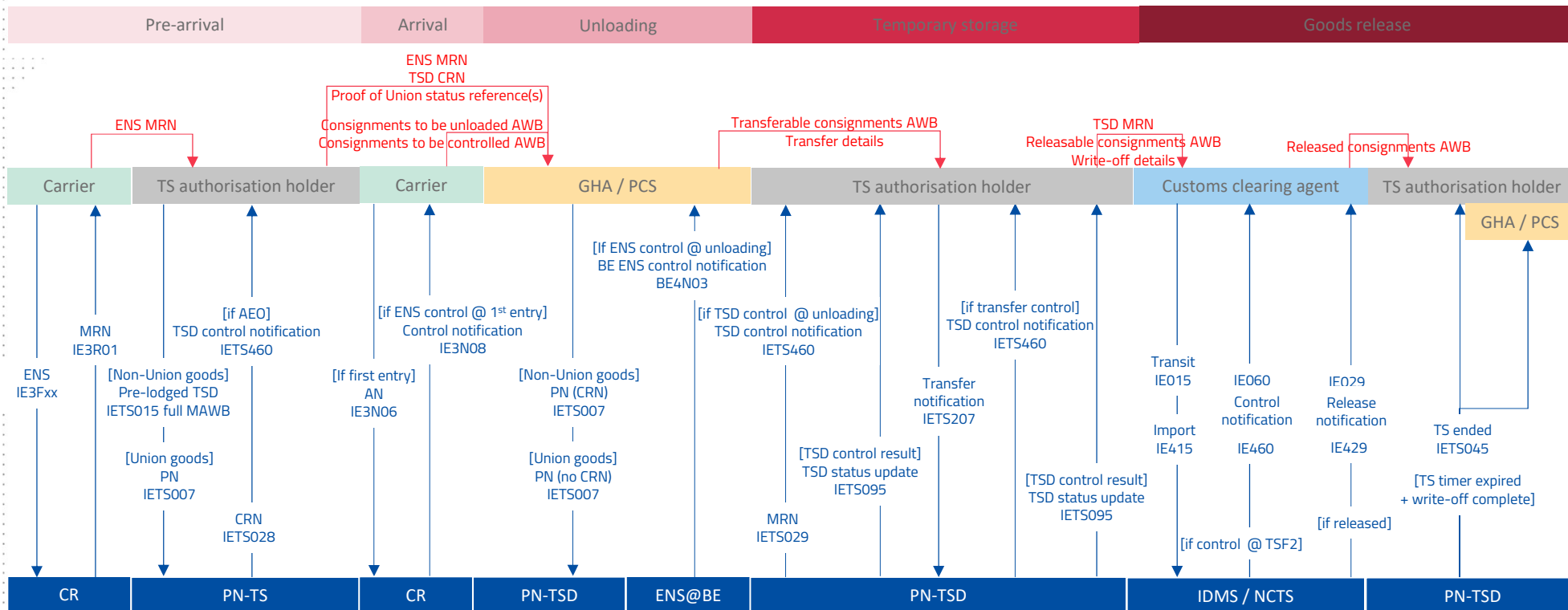
## 2. COMBINED TSD (FULL DATASET - MAWB) BY GROUND HANDLER / PCS, TRANSFER / DECONSOLIDATION BY TSF2



PN = Presentation notification component  
 TSD = Temporary storage declaration component  
 GA = Goods accounting component  
 ENS@BE = Entry summary declaration data source  
 CR = ENS Common Repository



### 3. PRE-LODGED TSD (FULL DATASET - MAWB / HAWB) BY TSF2, PN BY GROUND HANDLER / PCS, TRANSFER BY TSF2



PN = Presentation notification component  
TSD = Temporary storage declaration component  
GA = Goods accounting component  
ENS@BE = Entry summary declaration data source  
CR = ENS Common Repository