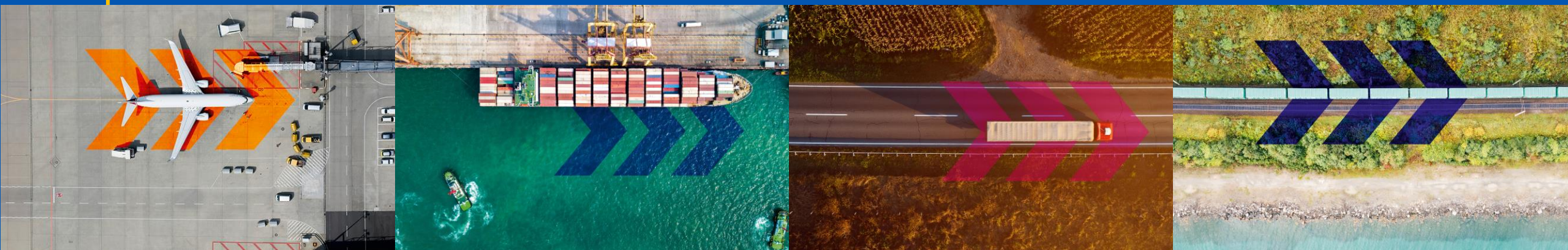


ICS2

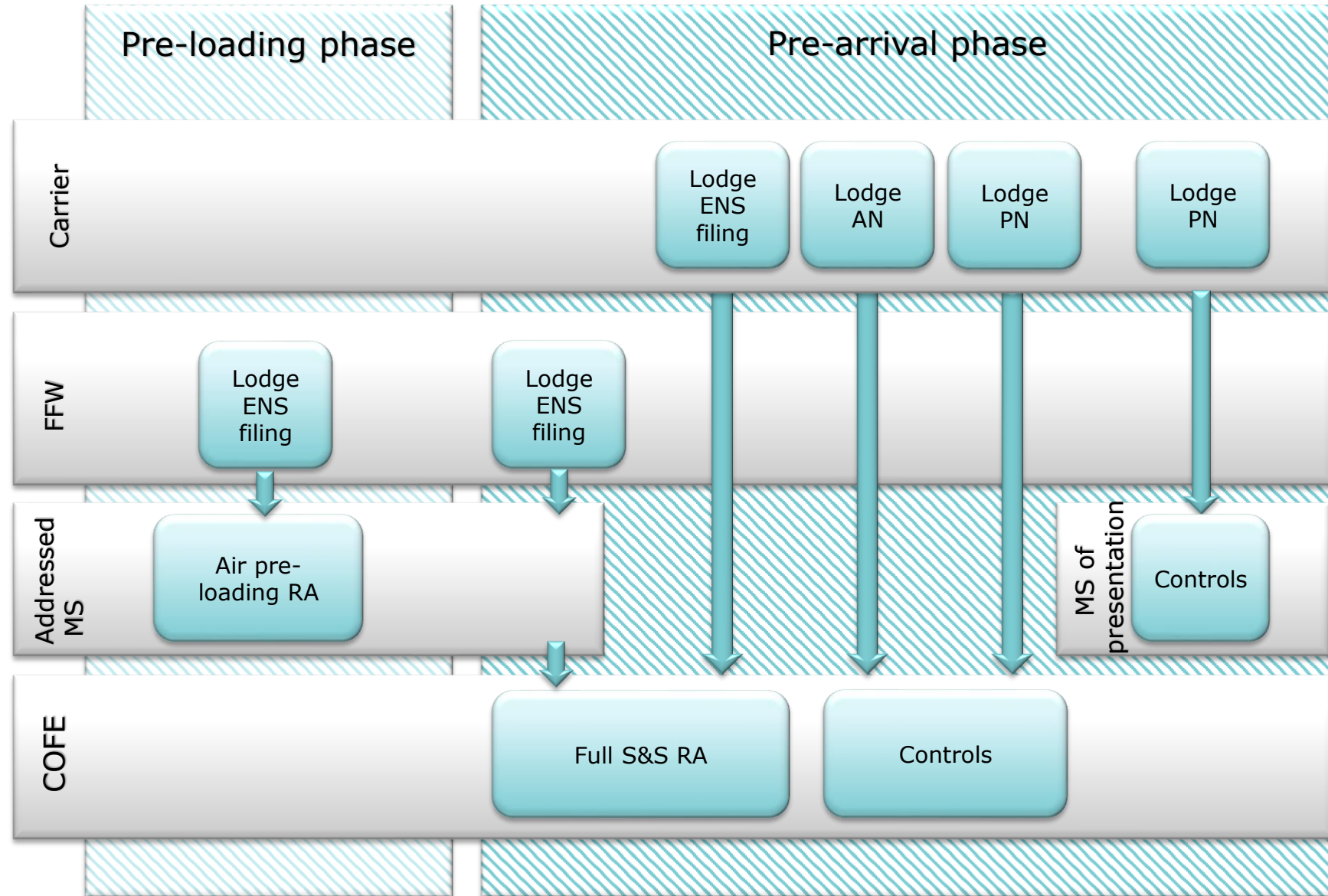


CLECAT - DG TAXUD Workshop
2022-07-06

Release 2: Air Cargo General

- Overall functioning and high-level BPM
 - Filing options for freight forwarders (incl. linking and responsibilities)
 - PLACI referral process & risk analysis cycle
 - Data requirements (structure of datasets, consolidations, involved parties, HS-codes, referrals, etc.)
- Relationship with other Customs Procedures (e.g. AN, PN, TS, etc.)

ICS2 process overview for air cargo



Steps of the entry process

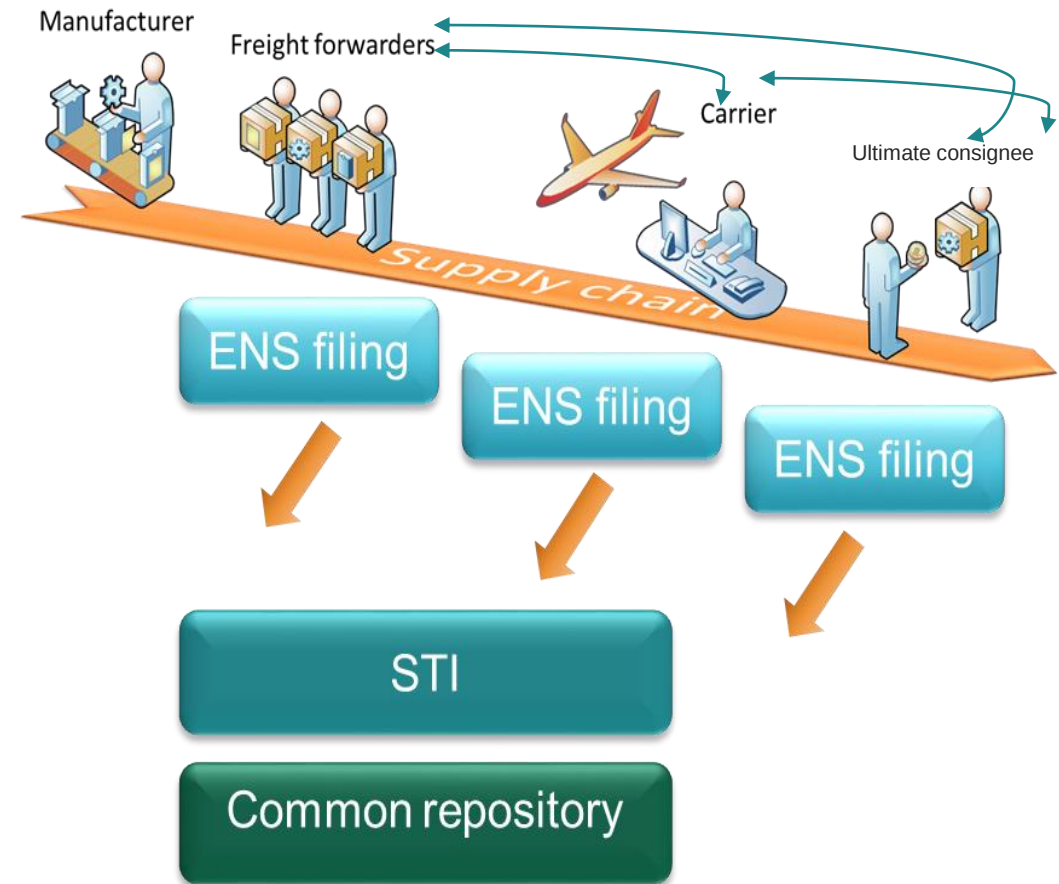
- There are 2 types of risk analysis performed in the context of the entry of the goods into the EU process:
- Air pre-loading risk analysis (including risk mitigating referrals):
 - focuses only on the aviation security risks (a.k.a. the bomb-in-the-box);
- Pre-arrival risk analysis (including risk mitigating referrals):
 - assesses safety and security threats, which reflect a wider range of risks. Safety and security risks are threats that can have serious implications for the security, health and wellbeing of people and/or the environment. They can be linked to both, misdeclarations or illicit activities (some examples may be: negligence, criminal organisations, terrorism, etc.)

Steps of the entry process

- Once the goods are brought into the EU, the carrier has an obligation to lodge an Arrival notification (AN) to the Customs office of first entry (COFE).
- Once the goods are unloaded, they have to be presented to customs by lodging a Presentation notification (PN) to the presentation system of the MS customs for control purpose and release for subsequent customs procedure (temporary storage, release for free circulation)

ICS2 stakeholders

- ICS2 introduces multiple filings by the carrier and other parties in the supply chain
- Improved data quality through harmonisation of data requirements and data structures
- Carriers and other contracted filing parties (FFW, ultimate consignee) must share certain information among each-other, for ENS filing purposes or need to file their part of the ENS



Roles and responsibilities

Carrier



☐ Declarant

☐ Person notifying the arrival

☐ Person presenting the goods

☐ Person filing

Freight forwarder



☐ Declarant

☐ Representative

☐ Person presenting the goods

☐ Person filing

☐ Supplementary declarant

☐ House level filer

Ultimate consignee



☐ Declarant

Roles and responsibilities

Country roles

- Addressed MS
- Responsible MS
- Involved MS
- MS of control

Customs office roles

- Customs office of first entry (COFE)
- Actual customs office of first entry
- Customs office of presentation

Filing in pre-loading phase

- Who needs to file? > **Freight forwarder**
- To whom? > **Addressed MS**
- How? > via **Shared Trader Interface (STI)**
- When? > **as early as possible** (pre-loading)
- What? > F23+25, F24, F26

Filing in pre-loading phase (alternative)

- Who needs to file? > **Carrier or FFW with consent of carrier**
- To whom? > **Customs office of first entry (COFE)**
- How? > via **Shared Trader Interface (STI)**
- When? > **as early as possible** (pre-loading)
- What? > F20, F28

Filing in pre-arrival phase

- Who needs to file? > **Freight forwarder**
- To whom? > **Addressed MS**
- How? > via **Shared Trader Interface (STI)**
- When? > short haul **at the latest by the time of departure** and long haul at the latest **4 hours prior to arrival at COFE** (pre-arrival)
- What? > F22

Filing in pre-arrival phase (by carrier)

- Who needs to file? > **Air carrier**
- To whom? > **Customs office of first entry (COFE)**
- How? > via **Shared Trader Interface (STI)**
- When? > short haul **at the latest by the time of departure** and long haul at the latest **4 hours prior to arrival at COFE** (pre-arrival)
- What? > F21, F27, F29

Arrival notification

- Who needs to file? > **Person notifying the arrival**
- To whom? > **Actual customs office of first entry (ACOFE)**
- How? > via **Shared Trader Interface (STI)** or **National system**

Arrival notification

- Arrival notification must contain **one** of the following:
 - Entry key: 'Conveyance reference' (Flight number) and 'Estimated date and time of arrival'
 - List of MRNs
 - List of MAWB and 'Estimated date and time of arrival'

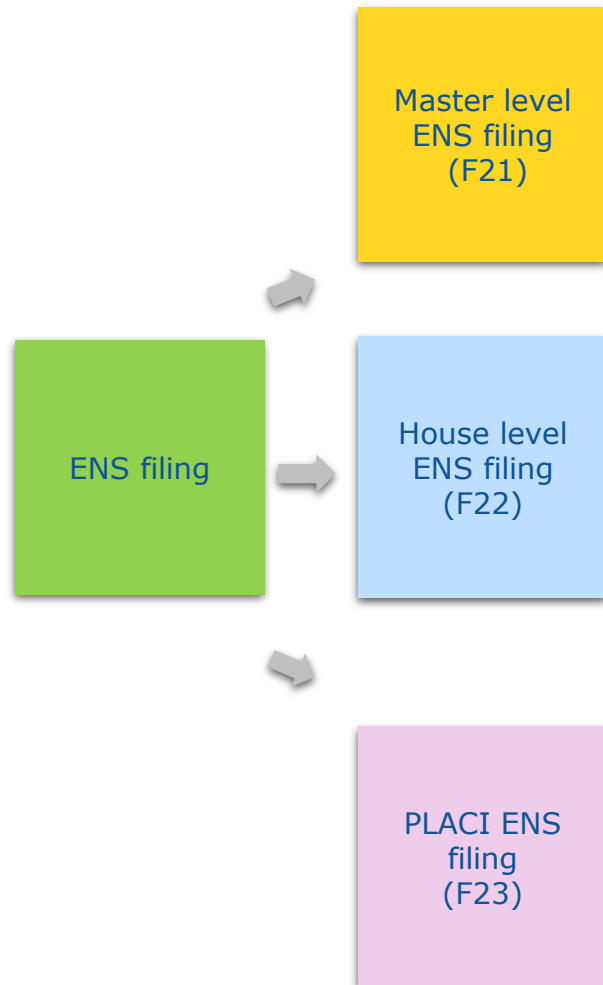
Presentation

- Who needs to lodge? > **Person presenting the goods**
- To whom? > **MS of presentation**
- How? > via **national presentation systems**

ENS filing

- ENS filing - either **partial or full ENS data set** per specific mode of transport or business model.
 - Full filings – F20, F27, F28, F29
 - Partial filings – F21, F22, F23, F24, F25, F26
- Each ENS filing is registered and gets its own MRN

Types of ENS filings (levels)



- Master level ENS filing - information about a consignment from a master level transport contract issued by a carrier to its direct contracting party. **F21**
- House level ENS filing - information about a consignment from a house level transport contract issued by a freight forwarder, non-vessel operating common carrier or agent to its direct contracting party (customer). **F22, F26**
- PLACI ENS filing – minimum air pre-loading data set. **F23, F24, F25**

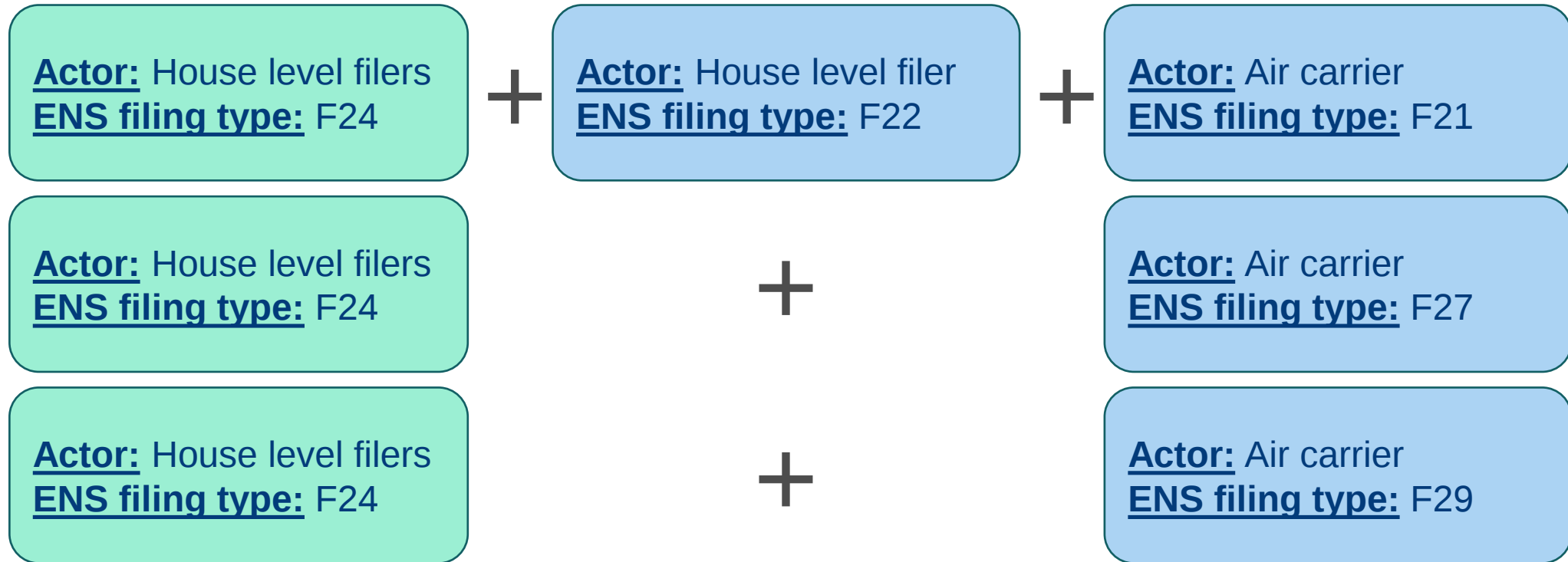
Types of ENS filings

- Air cargo general:
 - F24 – lodged by house level filer (HLF) in pre-loading phase, used for pre-loading RA
 - F23 – lodged by HLF in pre-loading phase, used for pre-loading RA
 - F25 – lodged by HLF in pre-loading phase, used for pre-loading RA (always with F23)
 - F22 – lodged by HLF in pre-arrival phase, used for pre-arrival RA
 - F26 - lodged by HLF in pre-loading phase, used for pre-loading and pre-arrival RA

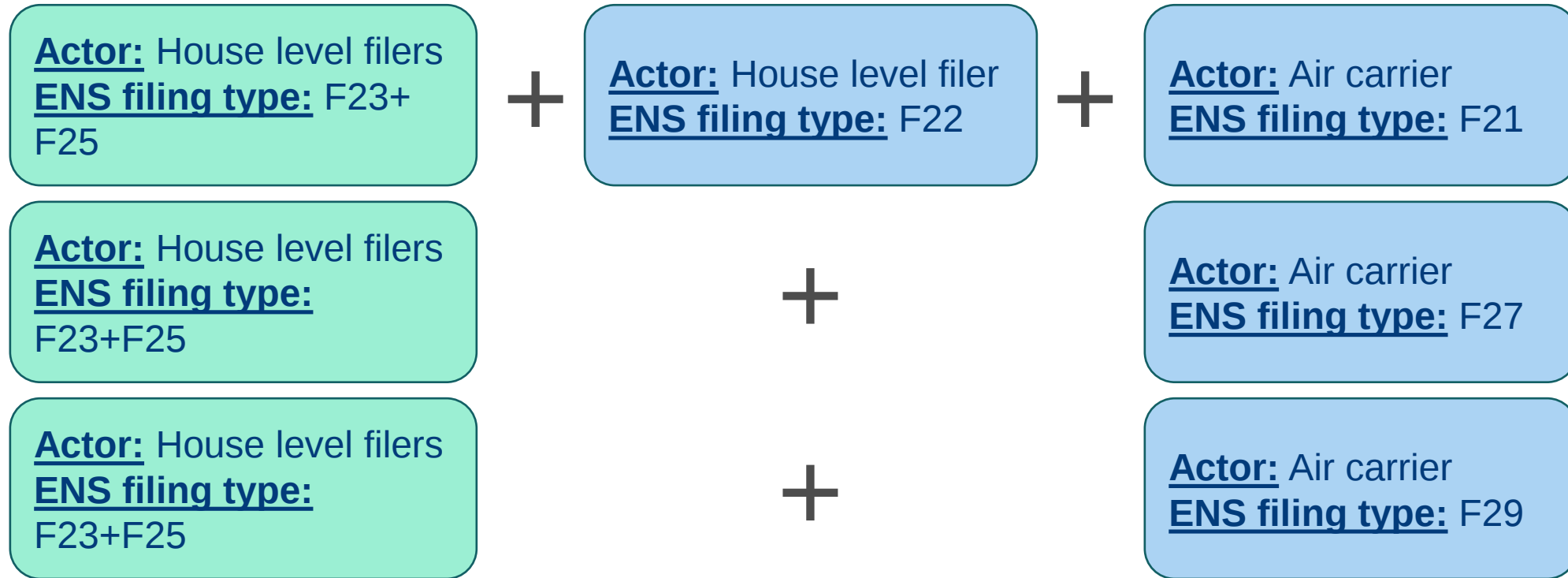
Types of ENS filings

- Air cargo general:
 - F20 – lodged by carrier in pre-loading phase, used for pre-loading and pre-arrival RA
 - F21 – lodged by carrier in pre-arrival phase, used for pre-arrival RA
 - F27 – lodged by carrier in pre-arrival phase, used for pre-arrival RA
 - F28 – lodged by carrier in pre-loading phase, used for pre-loading and pre-arrival RA (direct airway bill)
 - F29 – lodged by carrier in pre-arrival phase, used for pre-arrival RA (direct airway bill)

ENS filing type combinations (air cargo general)



ENS filing type combinations (air cargo general)



ENS filing type combinations (air cargo general)

Actor: House level filers
ENS filing type: F26

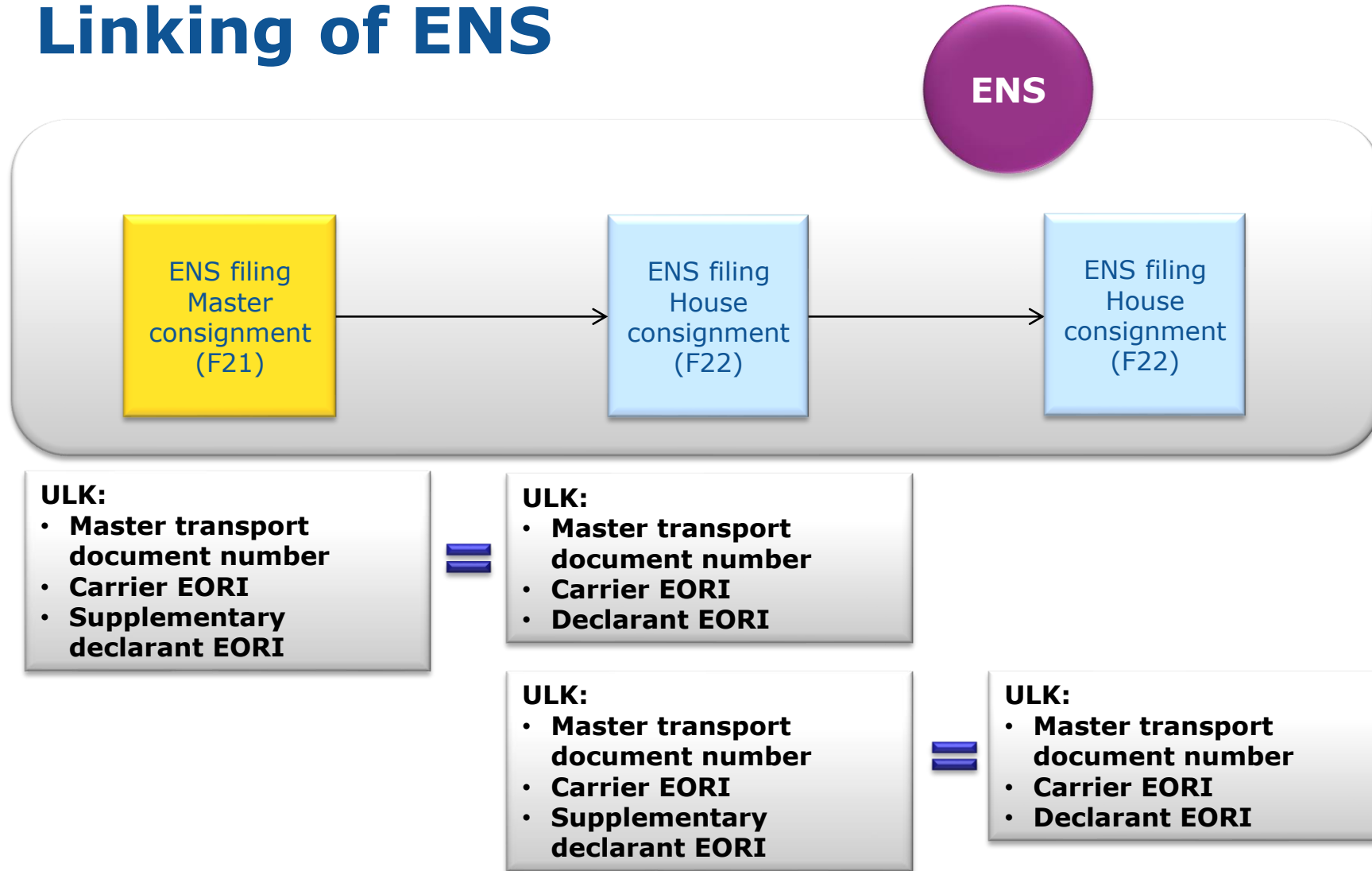
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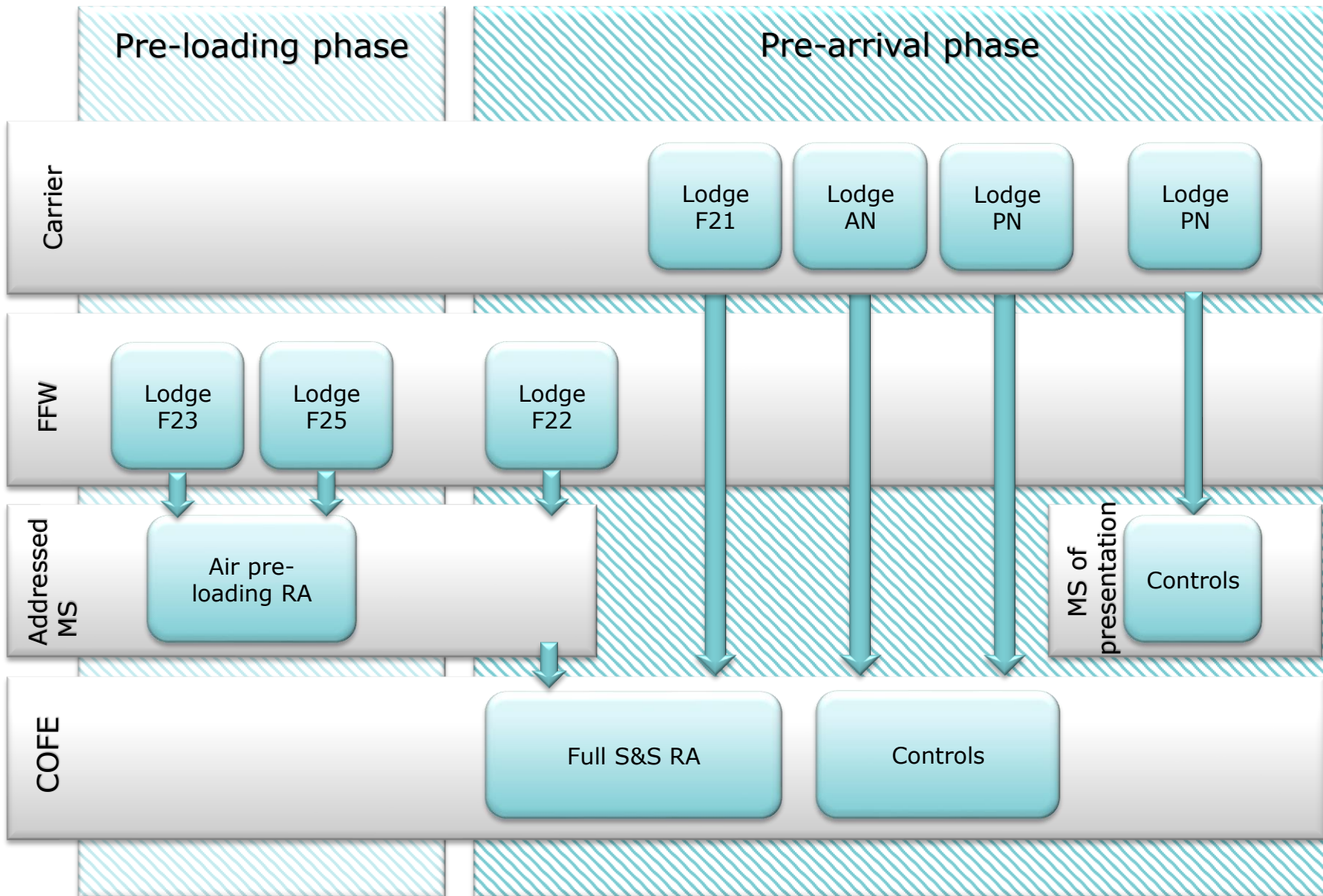
Actor: Air carrier
ENS filing type: F21

Actor: Air carrier
ENS filing type: F20

Actor: Air carrier
ENS filing type: F28

Linking of ENS





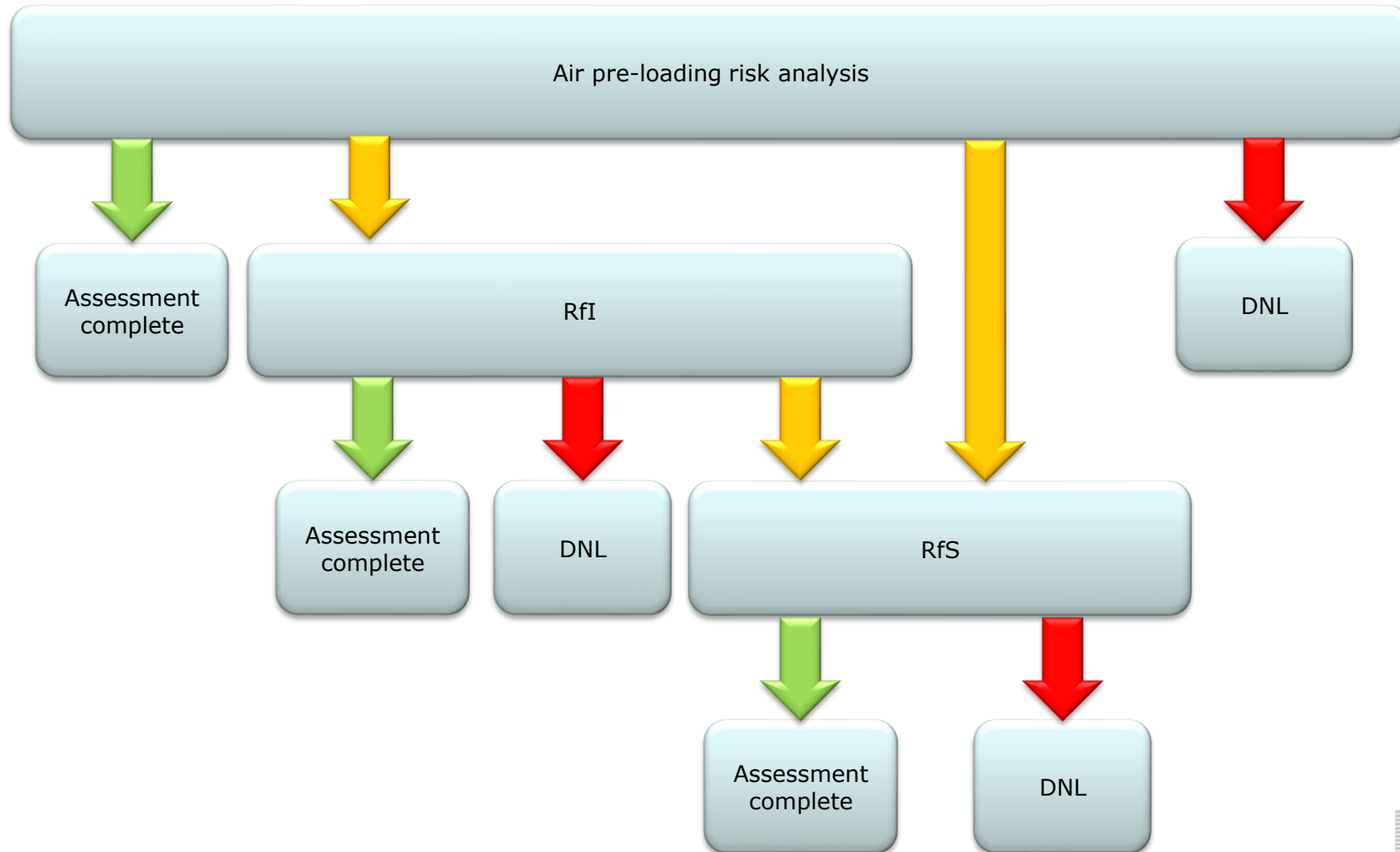
Risk analysis process

- Customs authorities can issue risk mitigating referrals during the risk assessment process
- Referrals:
 - Request for Information (RfI)
 - Request for HRCM screening (RfS)
 - Do not load (DNL)
- Types of referrals to be issued depend on the risk assessment phase – pre-loading or pre-arrival

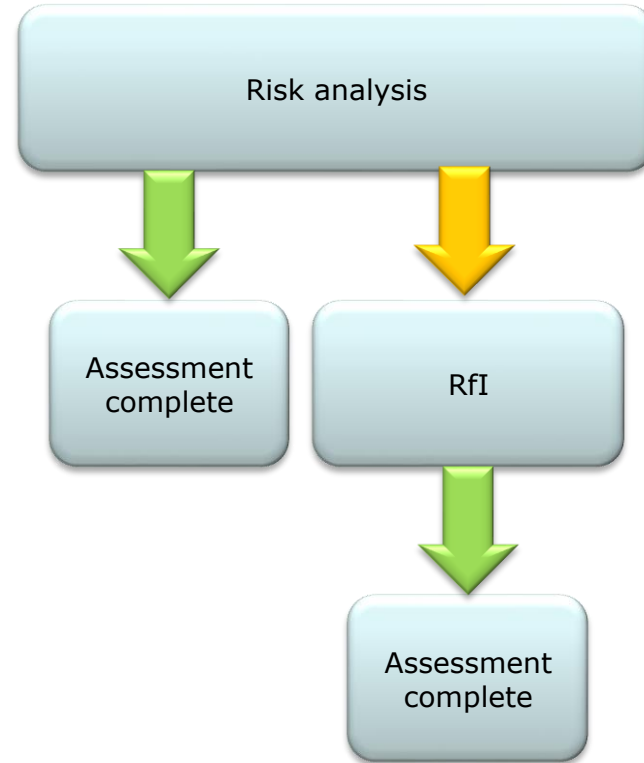
Referrals

- Referral is issued to a Declarant or the Representative that has filed the ENS filing:
- If the Carrier is different from the Declarant, he might be notified about the referrals, if:
 - He is known (Carrier data available in the ENS filing)
 - He is connected to the system
 - Requested to be informed (applies only to RfI and RfS, DNL is always notified)
- The party to which the referral is issued is legally obliged to respond to it

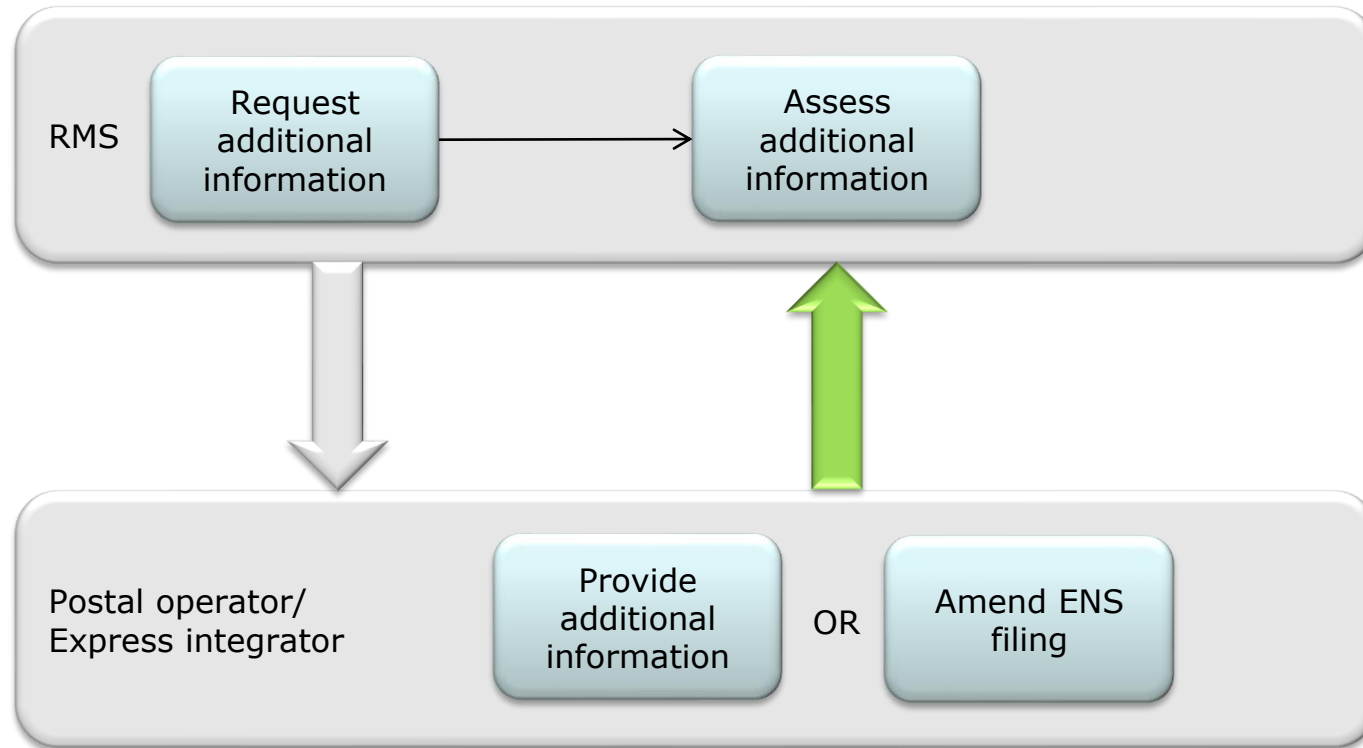
Referrals in pre-loading phase



Referrals in pre-arrival phase



Request for information



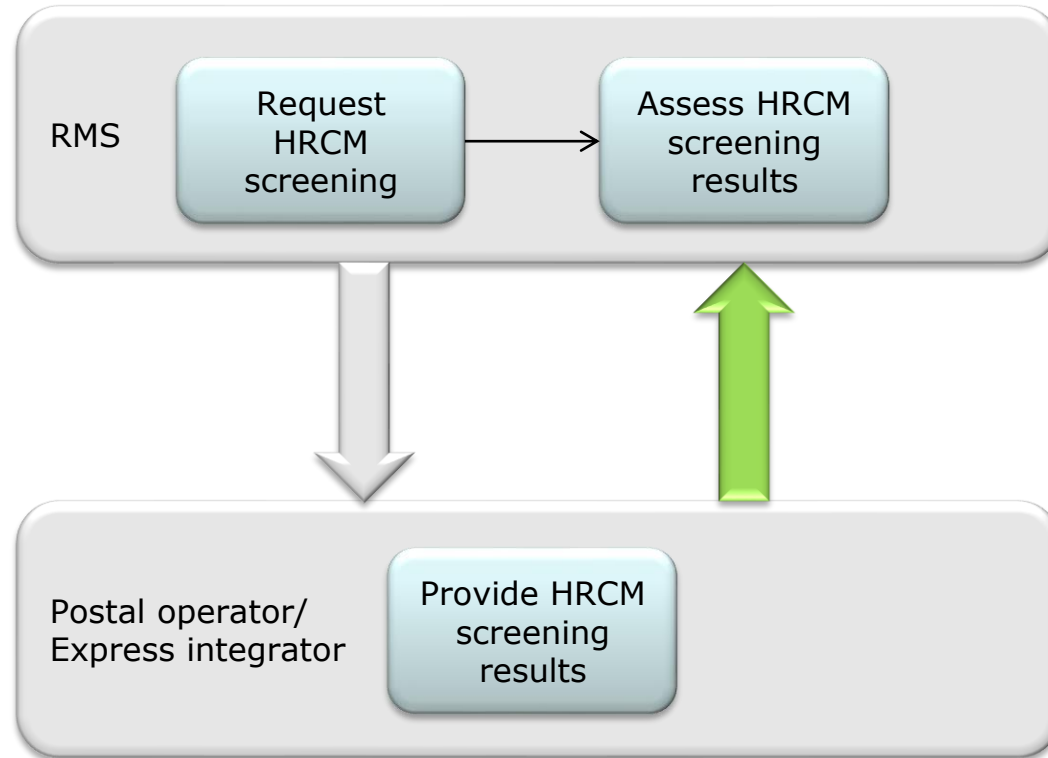
RfI (IE4Q04/IE3Q02/IE3N04)

- MRN of the ENS filing
- Referral request details
 - Referral request reference
 - Request type - Information, Amendment
 - Additional information
 - Code – what is requested to be provided, coded version
 - Text – additional text, if necessary
 - Information Type – further classification of the additional information (optional)
 - Supporting documents – if an image of a document needs to be provided
 - Pointer – to a data element for which additional information needs to be provided, e.g. consignor details

Rfl response (IE3R02/IE4R02)

- MRN
- Referral request details
 - Referral request reference
 - Transport document (House level)
 - Additional information
 - Code – coded response, if applicable
 - Text – information in free text format
 - Information type – further classification of additional information (optional)
 - Binary attachment

Request for screening



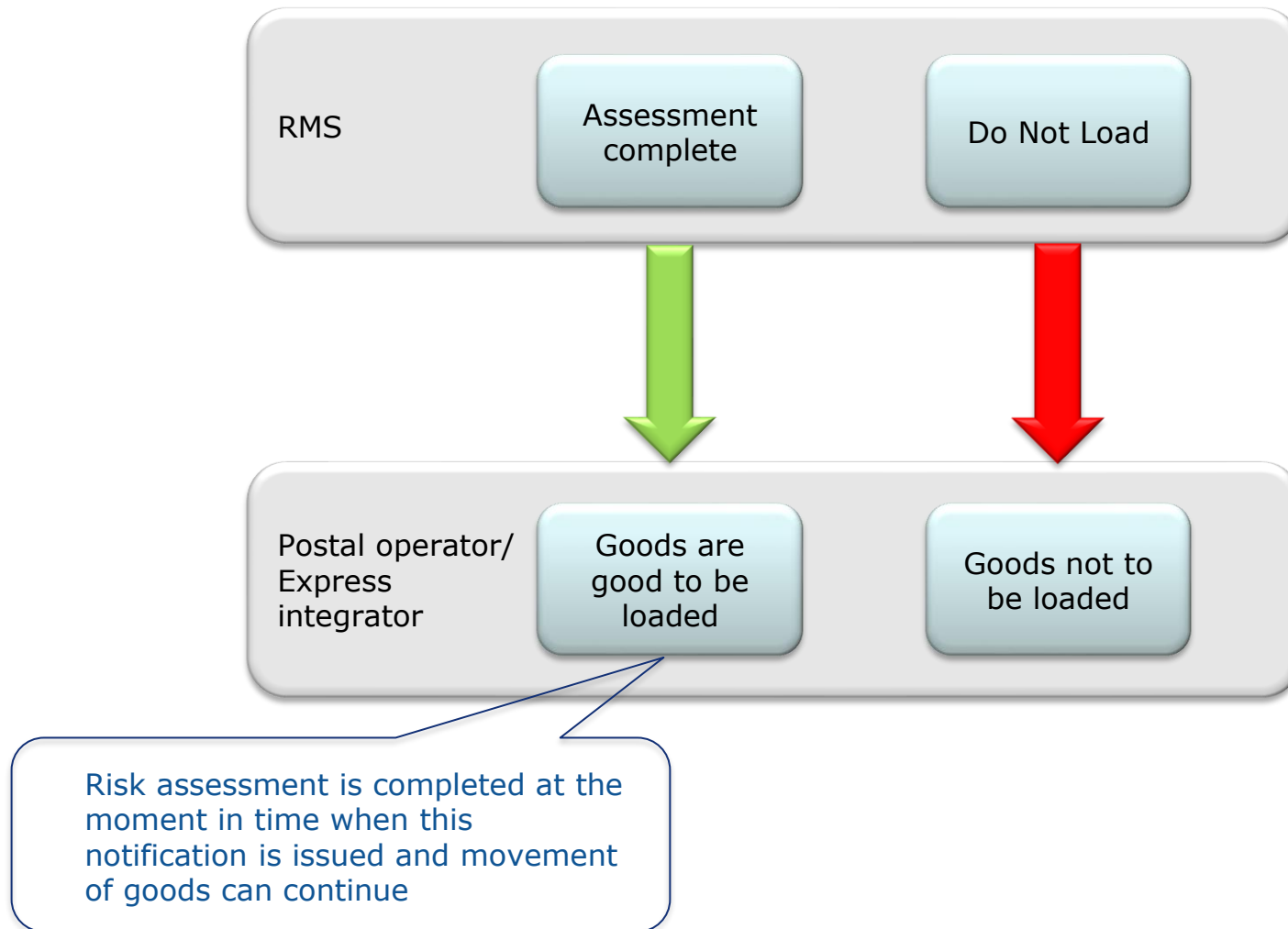
RfS (IE3Q03)

- MRN
- Referral request details
 - Referral request reference
 - Request type (Screening)
 - Recommended HRCM screening method
 - Transport document (House level)

RfS response (IE3R03/IE4R03)

- MRN
- HRCM screening response
 - Referral request reference
 - Result
 - Screening method
 - Transport document (HL)

Assessment complete and DNL



DNL

- DNL can be issued for different levels of ENS:
 - Transport document (House level)
 - Transport equipment (maritime)

Assessment complete

- Assessment complete message is sent to the Declarant or Representative if he requested to receive it
- Carrier may also receive the Assessment complete message, if:
 - He is known (Carrier data available in the ENS filing)
 - He is different from Declarant
 - He requested to receive this message
- AC is issued per house consignment in pre-loading and per ENS in pre-arrival

ENS data

Parties (legal and natural persons) – names & address (+ contact)

- Consignor (sender), consignee (receiver), carrier, notify party, seller, buyer, declarant, representative, other supply chain parties

Locations and routing

- Place of acceptance (dispatch), place of loading, countries of routing, first customs office of entry, place of unloading, place of delivery

Goods

- Description, HS6 code, gross weight, UNDG, CUS code, number and type of packages, shipping marks

Means of transport

- Container (size, type, status), ID number, nationality and identity of active & passive means of transport, vessel IMO Nr, Flight number, receptacle Nr

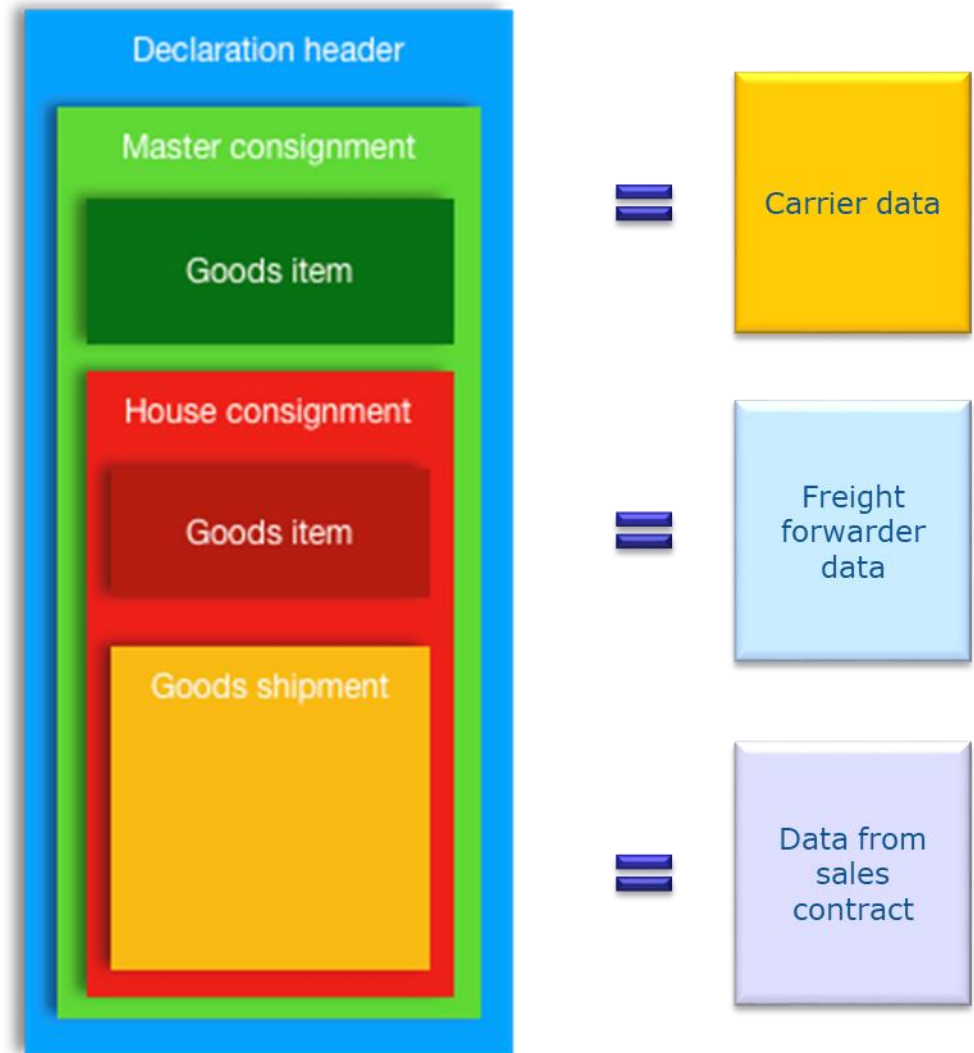
Other

- Estimated date and time of arrival, supporting documents.

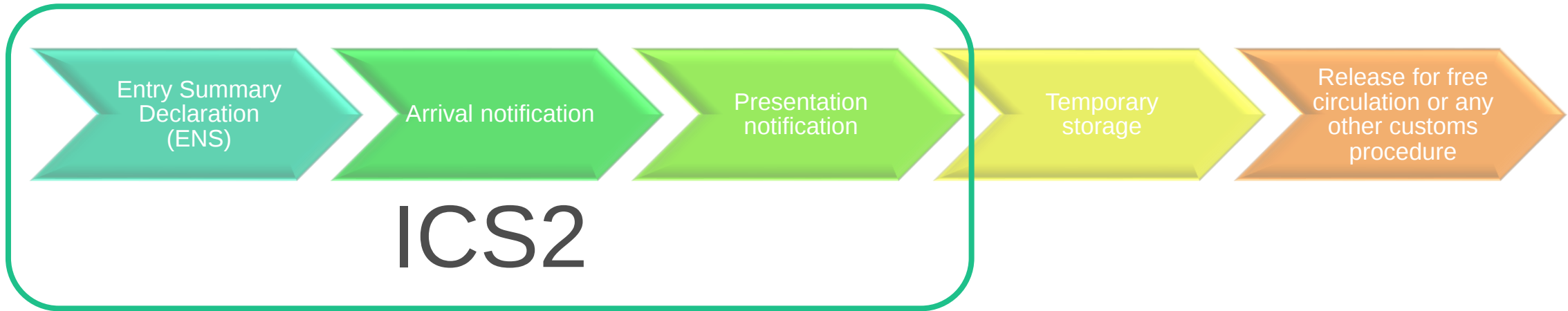


ENS levels

- ENS data is provided at both Master and House level as indicated in the transport documents (e.g. MBoL, BoL, MAWB, HAWB) and sales contract (buyer/seller information for cargo on maritime, road and rail)
- If carrier does not get the data from other parties, each party has to file its part of ENS (partial ENS filing)



ICS2 in context of customs formalities

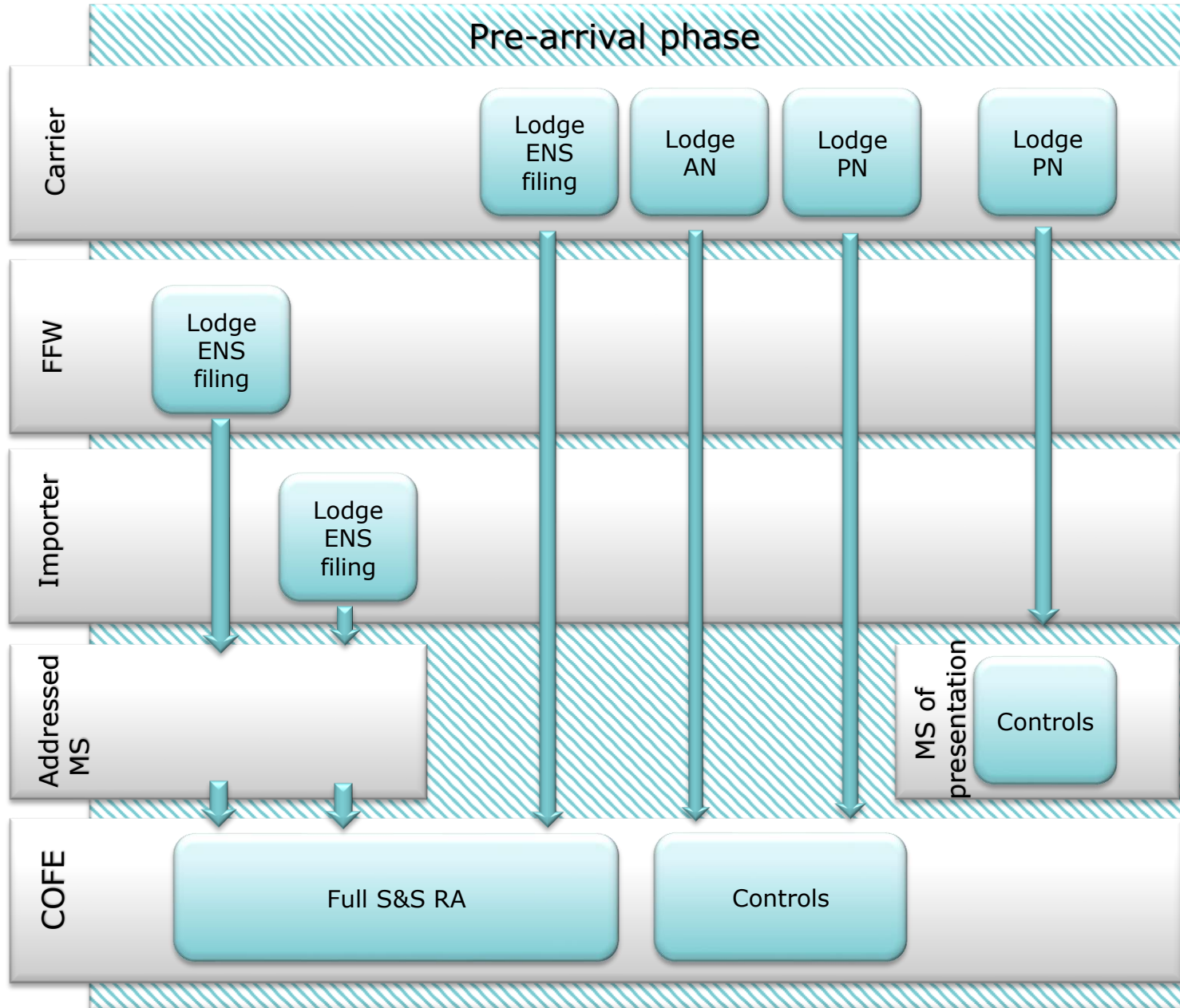


- Arrival notification is implemented in the ICS2
- Presentation notification has to be lodged to national presentation systems

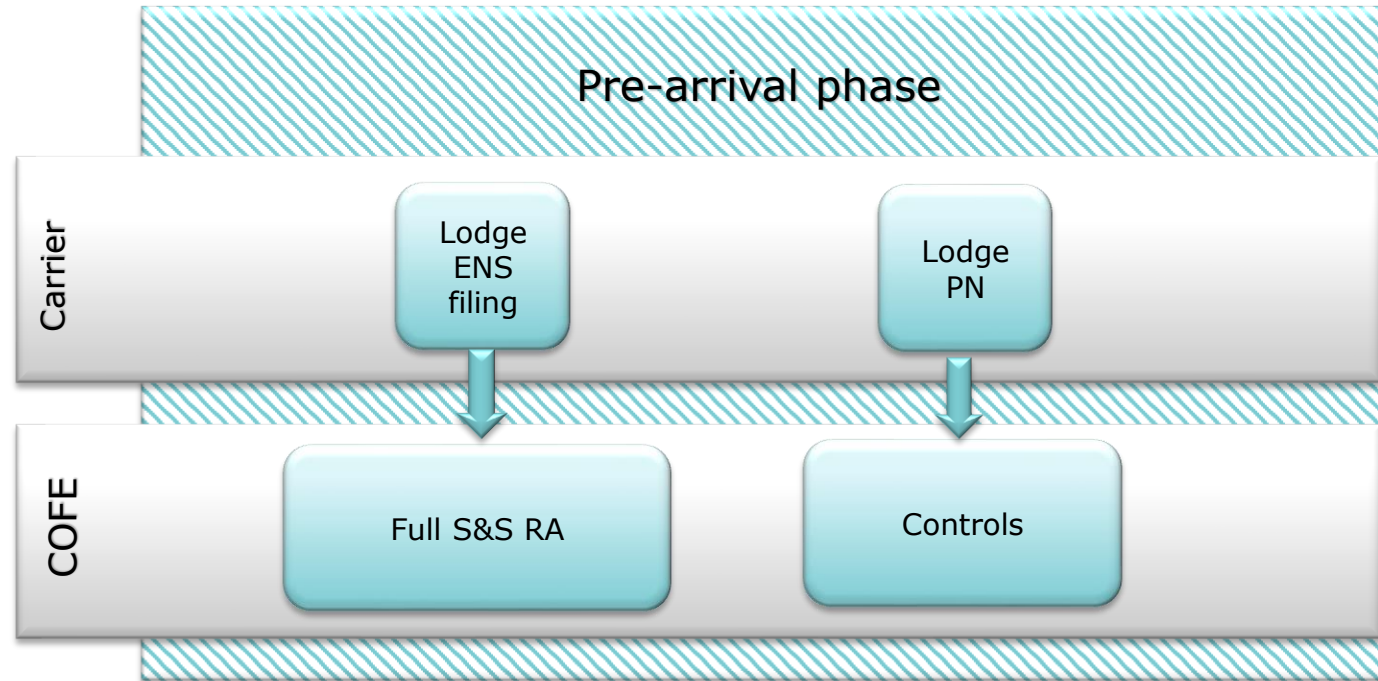
Release 3: Maritime, Rail, Road

- Overall functioning and high-level BPM
- Filing options for freight forwarders (discussion on full FF filing)
- R2-R3 Transition Strategy

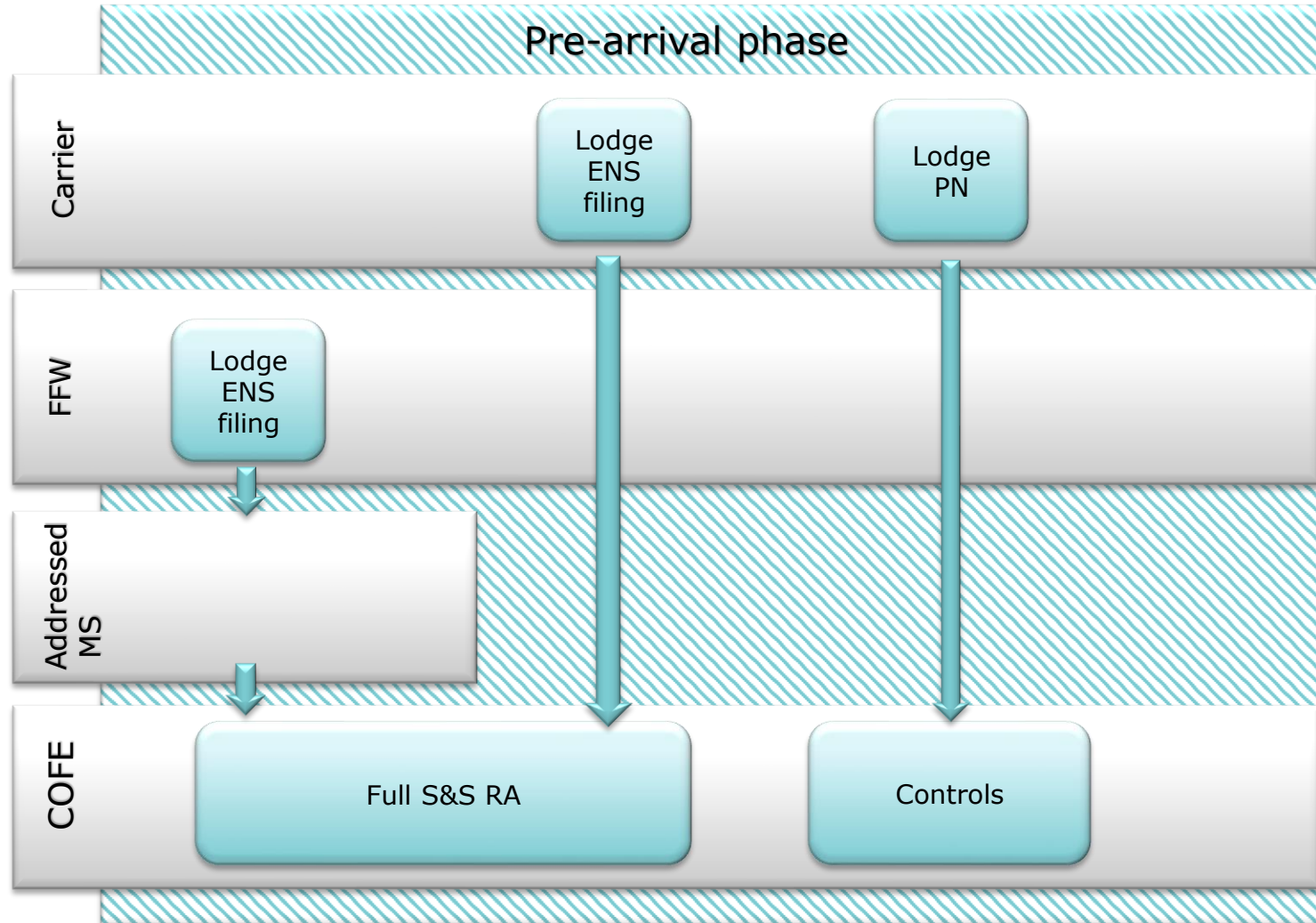
ICS2 process overview for maritime



ICS2 process overview for road/rail



ICS2 process overview for rail (tbi)



Types of ENS filings

- Maritime:
 - F10 – lodged by carrier for straight bill of lading cases, full ENS
 - F11 – lodged by carrier, full ENS
 - F12 – lodged by carrier, master level data only
 - F13 – lodged by carrier for straight bill of lading cases, master and house consignment level data only

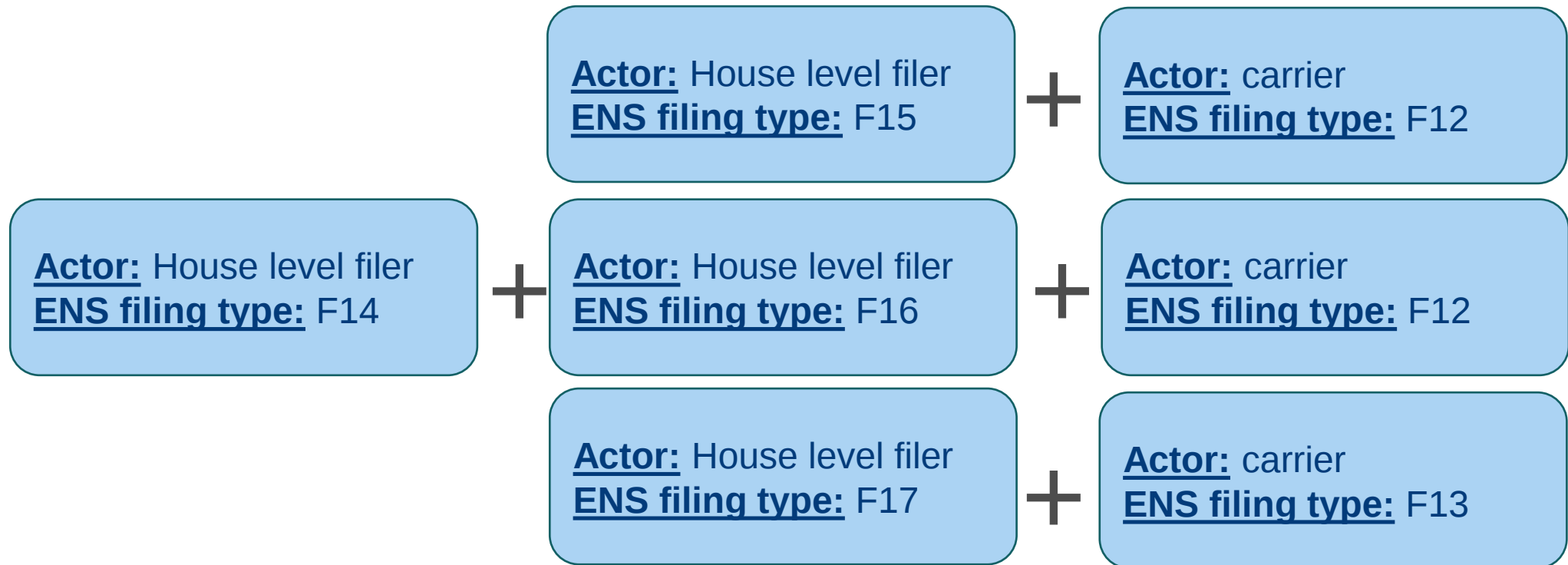
Types of ENS filings

- Maritime:
 - F14 – lodged by house level filer, house consignment level data only
 - F15 – lodged by house level filer, house consignment and shipment level data
 - F16 – lodged by house level filer, shipment level data only
 - F17 – lodged by house level filer, shipment level data only for straight bill of lading cases

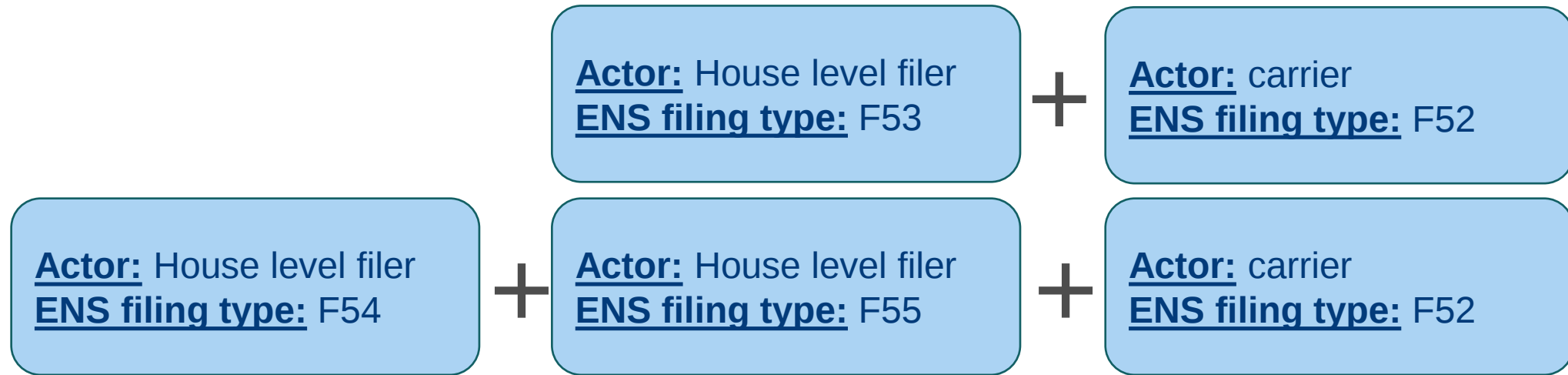
Types of ENS filings

- Road: F50 – lodged by carrier, full ENS
- Rail:
 - F51 – lodged by carrier, full ENS
 - F52 – lodged by carrier, master level information only (tbi)
 - F53 – lodged by house level filer, house consignment and shipment level data (tbi)
 - F54 – lodged by house level filer, house consignment data only (tbi)
 - F55 – lodged by house level filer, shipment level data only (tbi)

ENS filing type combinations (maritime)



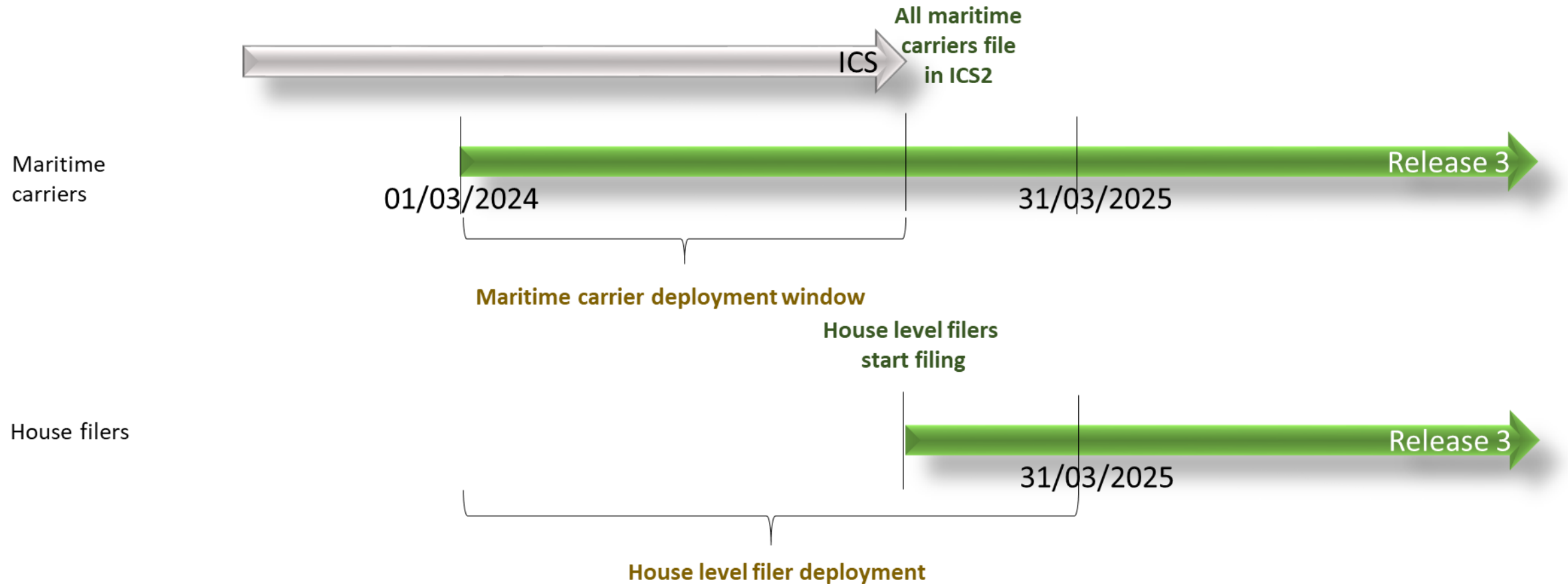
ENS filing type combinations (rail) (tbi)



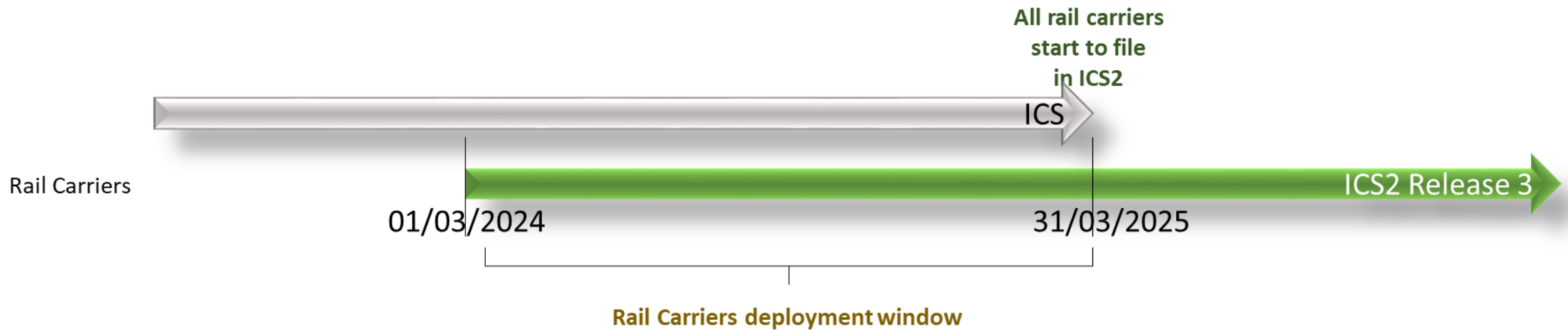
Transition from R2 to R3 strategy

- Transition strategy is being drafted by an ICS2 Expert group where MS customs authorities and trade representatives participate
- It is foreseen to finalise the draft in September- October and to launch a review cycle with all relevant stakeholders
- Main principle of the transition – orderly and synchronised connection of the EOs to the system based on their role. Carriers need to be connected first and to start filing before the house level filers.
- Transition is done during the deployment window, which is planned to last until 31 March 2025 (yet to be legally approved)

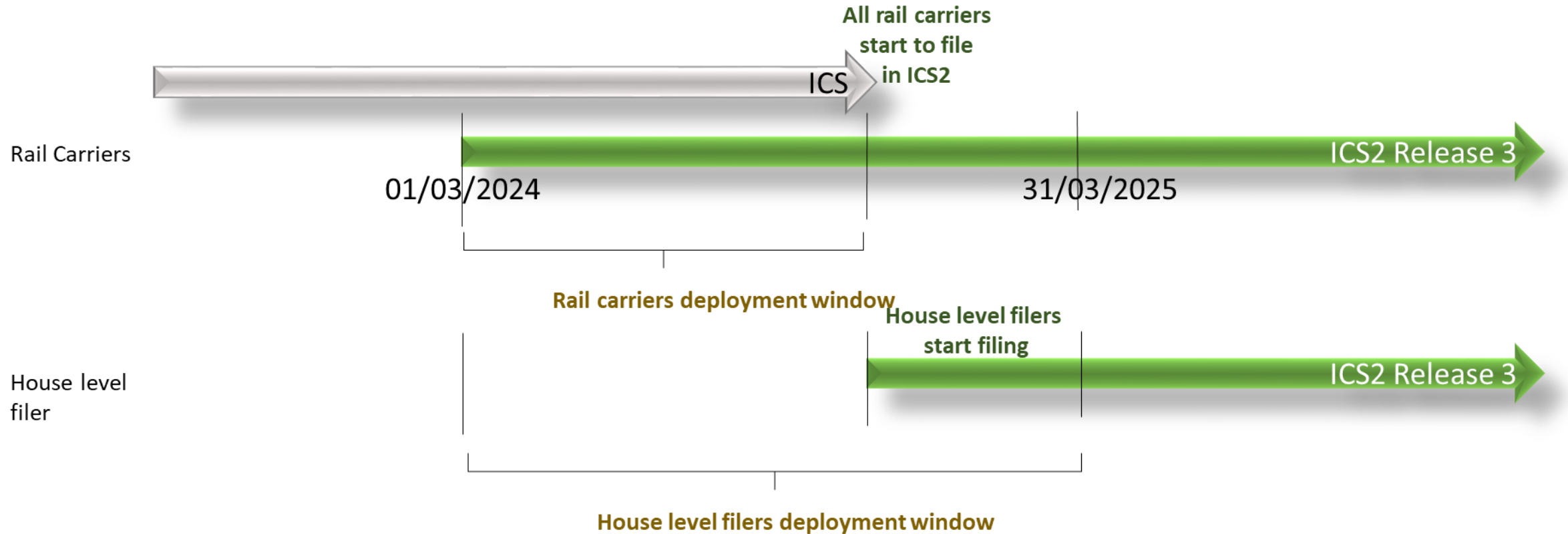
Transition from R2 to R3 strategy (maritime)



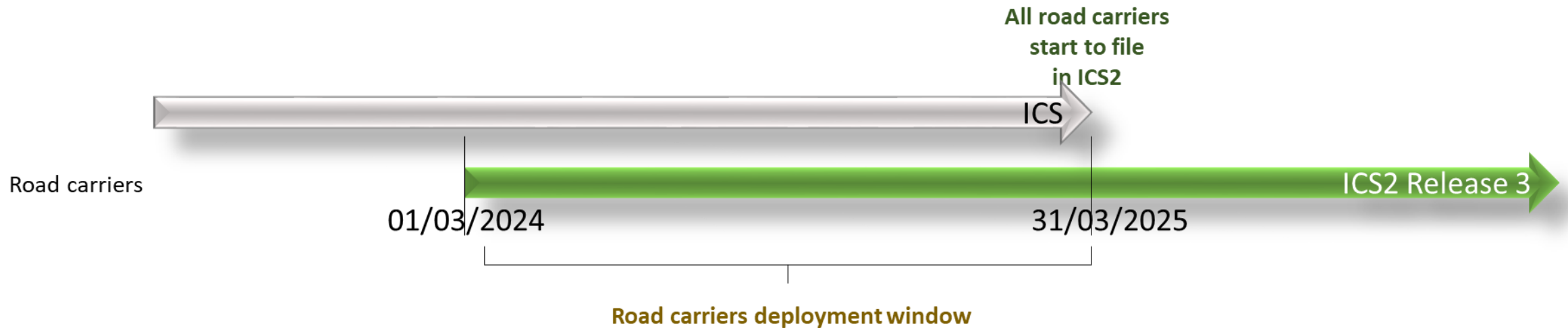
Transition from R2 to R3 strategy (rail)



Transition from R2 to R3 strategy (rail)



Transition from R2 to R3 strategy (road)





Thank you

ICS2 page on Europa website:

https://ec.europa.eu/taxation_customs/general-information-customs/customs-security/ics2_en

PLACI ENS filing data

PLACI Declaration header

- LRN
- Document issue date
- Specific circumstance indicator
- Declarant
- **Representative**
- Addressed Member State

PLACI House consignment

- Total gross mass
- Documents produced
- Additional information
- Additional supply chain actor
- Transport document (Master level)
- Carrier
- Consignee
- Goods item
- Consignor
- Transport document (House level)

PLACI House consignment F25

- Additional information
- Transport document (Master level)
- Carrier
- Transport document (House level)

PLACI Goods item

- Goods item number
- Commodity
 - Description of goods
 - CUS code
 - Commodity code
- Gross mass
- Number of packages

PLACI Parties

- Name
- Identification number
- Type of person

Address

- Street name 1
- Street name 2
- Number
- City
- Sub-division
- Postcode
- Country

Communication

- Type
- Identifier

ENS data

Declaration header (Master filing)

- LRN
- Document issue date
- Specific circumstance indicator
- Declarant
- **Representative**
- Customs office of first entry
- Re-entry indicator
- Split consignment
- Border transport means
 - Mode of transport
 - Identification number
 - Type of identification
 - Conveyance number
 - Actual date and time of departure
 - Estimated date and time of arrival
 - Countries of routing of means of transport

Master consignment

- Container indicator
- Total gross mass
- Place of acceptance
- Supporting documents
- Additional information
- Additional supply chain actor
- Carrier
- Consignee
- Goods item
- Consignor
- Transport charges
- Place of delivery
- Place of loading
- Notify party
- Supplementary declarant
 - Identification number
 - Supplementary filing type
- Transport document (Master level)
- Transport equipment
- UCR
- Place of unloading

Goods item

- Goods item number
- Supplementary documents
- Additional information
- Additional supply chain actor
- Commodity
 - Goods description
 - CUS code
 - Commodity code (HS6)
 - Dangerous goods
- Weight
- Packaging
- Transport equipment
- UCR

Declaration header (house consignment)

- LRN
- Document issue date
- Specific circumstance indicator
- Declarant
- **Representative**
- Addressed Member State
- Border transport means
 - Mode of transport

House consignment

- Container indicator
- Total gross mass
- Place of acceptance
- Supporting documents
- Additional information
- Additional supply chain actor
- Transport document (Master level)
- Carrier
- Consignee
- Goods item
- Consignor
- Transport charges
- Place of delivery
- Countries of routing of the consignment
- Notify party
- Supplementary declarant
 - Identification number
 - Supplementary filing type
- Transport document (House level)
- Transport equipment
- UCR

Goods item

- Goods item number
- Supplementary documents
- Additional information
- Additional supply chain actor
- Commodity
 - Goods description
 - CUS code
 - Commodity code (HS6)
 - Dangerous goods
- Weight
- Packaging
- Transport equipment
- UCR

Parties

- Name
- Identification number
 - EORI for Carrier, declarant, representative, supplementary declarant - mandatory
- Type of person
 - For consignor, consignee, notify party – natural, legal person, group of people

Address

- Street name 1
- Street name 2
- Number
- City
- Sub-division
- Postcode
- Country

Communication

- Type
- Identifier

Goods shipment

- Contains buyer and seller information
- Relevant for Release 3 only – maritime, rail and road ENS