



DESCARTES™

EMCS 4.0 OVERVIEW OF THE MAIN CHANGES IN EMCS

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DEPLOYMENT: BIG BANG

The deploy of EMCS 4.0 will be in the whole of Europe at night at 0:00 on the 13th of February 2023.

New in EMCS 4.0

Digitalization of duty paid excise goods

The major evolution of EMCS Phase 4 is the digitalization of **Duty Paid Business-to-Business (B2B) procedures**.

This evolution will be handled by the extension of EMCS to cover the movements of excise goods released for consumption and moved intra-EU cross-border for commercial purposes.

The overall approach taken is to re-use existing (from Duty Suspension) processes and data as much as possible, to minimize the required development effort and mitigate any potential risks.



Digitalization of duty paid B2B

AS-IS

DP B2B processes are not computerized in the current production Phase 3.4.

TO-BE

- New notion of e-SAD (electronic Simplified Accompanying Document) for DP B2B movements
- The Duty Suspension processes, and related messages were re-used, with certain updates as necessary

New EcOps Types

- Certified Consignor
- Certified Consignee
- Temporary Certified Consignor
- Temporary Certified Consignee

Key data

- Data groups/items renamed to accommodate e-SAD
- ARC with updated format, as the identifier for DP B2B movements
- New Submission Message Type for Duty Paid B2B in the IE815 message
- New Applicable Destination Type Codes

Planning

- 01/01/2023 – new format of ARC for Duty Paid
- 13/02/2023 – Big Bang (All NAs operate in Phase 4)



Start and end of a movement

Before movement: Guarantee is set to cover risks on:

- Movement
- Fiscal obligations at destination, usually by consignee

End of movement

- Possibility of refund on consignor's request of any duty paid in MS of dispatch, when all obligations met at destination.
- Report of receipt has different legal implications when sent by consignee and by MS of destination.

Differences between E-SAD and E-AD (New Fields)

- No unknown destination (22)
- No direct delivery (16/4) but certified consignee allowed to take delivery at any location notified before start of the movement (33/4)
- No cancellations (20/6)
- No split (23)

Change of destination is only possible if:

- back to location of dispatch or
- to another location of same consignee in same MS of Destination.



Submission types & Destination types

Code	Description
1	Standard submission
2	Submission for export (local clearance)
3	Submission for Duty Paid B2B

Code	Description
1	Destination – Tax warehouse
2	Destination – Registered Consignee
3	Destination – Temporary registered Consignee
4	Destination – Direct delivery
5	Destination – Exempted Consignee
6	Destination – Export
7	(reserved)
8	Unknown destination – Certified Consignee
9	Destination – Certified Consignee
10	Destination – Temporary Certified Consignee
11	Destination – Return to the place of dispatch of the Consignor

Operator Type code & Temporary Operator code

Code	Description
1	Authorised warehouse keeper
2	Registered Consignee
3	Registered Consignor
4	Certified Consignor
5	Certified Consignee

Code	Description
1	Temporary Registered Consignee
2	Temporary Certified Consignor
3	Temporary Certified Consignee



Other changes

New description of R 251:

In case the number of packages is set to 0 then there should exist at least one package with the same shipping marks and numbers with value greater than 0.

(i.e either within the same E-AD BODY or with other E-AD BODY occurrences of the same message)

Applicability if degree of Plato

IF (<EXCISE PRODUCT.Degree Plato Applicability> is "Yes") AND (MS of Dispatch OR MS of Destination tax beer according to the Degree Plato)

THEN <Degree Plato> is 'R'

ELSE <Degree Plato> does not apply

Updating naming and format of the gross weight & net weight data elements:

The existing elements term <Gross Weight> will be renamed to <Gross Mass>;

- The format of the updated <Gross Mass> technical term will be updated to 'n..16,6';

The existing elements term <Net Weight> will be renamed to <Net Mass>;

- The format of the updated <Net Mass> technical term will be updated to 'n..16,6'.



Clarification regarding delay for delivery process:

Before sending the IE802 message, an IE837 message exceptionally can be sent in advance, to notify the member state of dispatches of an expected delay in the submission of the report of receipt.

This could be the case public holidays and or national strikes etc.

New fields in IE815 & IE801:

The legal name of a spirit drink shall be indicated in the electronic administrative document. Where a maturation period or age is indicated in the description, presentation or labeling of the spirit drink, it shall also be mentioned in that administrative document.

IE815 and IE801 messages' structure updated to introduce 2 new date items under <(BODY) E-AD/E-SAD> data group:

Commercial Description	O	an..350		
Commercial Description_LNG	D	a2	BC12	C002
Brand Name of Products	O	an..350		
Brand Name of Products_LNG	D	a2	BC12	C002
Maturation Period or Age of Products	O	an..350		
Maturation Period or Age of Products_LNG	D	a2	BC12	C002



About Descartes

Descartes (Nasdaq:DSGX) (TSX:DSG) is the global leader in providing on-demand, software-as-a-service solutions focused on improving the productivity, performance and security of logistics-intensive businesses. Customers use our modular, software-as-a-service solutions to route, schedule, track and measure delivery resources; plan, allocate and execute shipments; rate, audit and pay transportation invoices; access global trade data; file customs and security documents for imports and exports; and complete numerous other logistics processes by participating in the world's largest, collaborative multimodal logistics community. Our headquarters are in Waterloo, Ontario, Canada and we have offices and partners around the world.

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