



ELECTRONIC DOCUMENT INTERCHANGE GUIDE

Version 1.c.1 (October 2022)

Salut/Institut
Català de la Salut

ICS Pharmacy (Medicine)

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1. Intention of this guide

The objective of this guide is to provide companies with all the information necessary for the interchange of commercial documents through the EDI standard with the Institut Català de la Salut, hereinafter ICS.

For said interchange to be efficient, we consider it indispensable that all the departments of the organization involved learn the content of this document, and especially the IT area.

Those companies that already have EDI systems implemented and working, will find in this guide the information necessary to adapt their systems to the requirements of the ICS, both in that referring to communications as well as to the structure of the messages.

If you are not EDI users and will begin to use the system, this guide will provide information of interest that will help in this process.

For everything related to the content of this guide and the start-up of the EDI project, you can contact the ICS or our supplier eDiversa.

For management issues, please contact your regular contact in the sales department of each center.

Contact data ICS – Pharmacy	Contact data eDiversa
Sales ICS – Pharmacy (*) e-mail: farmacia.compresEDI@vhebron.net	Telephone: 931 833 790
For electronic invoicing inquiries e-mail: registre.efact.ics@gencat.cat	For technical inquiries e-mail: suport.ics@ediversa.com
For communication problems of EDI documents after the start-up: e-mail: sau.tic@pautic.gencat.cat	For sales inquiries e-mail: projecte.ics@ediversa.com

(*) Each center has an e-mail to contact Pharmacy Service (they will be updated in future communications)

2. Getting started

If your company already has an EDI system in place, you should provide your service supplier with the information contained in this guide, so they can adapt your systems to the requirements of the ICS.

To start, you should provide us with certain information about your EDI system. You can do this by sending an email to a soporte@ediversa.com.

Bear in mind that our sector uses the EDI system in accordance with the regulations and recommendations of GS1 (formerly EAN International). The above mentioned recommendations stipulate that EAN codes are the sole system-identifier of all products and their implicated parts during the interchange of documents via EDI. Companies that do not support EAN coding should contact AECOC (The Spanish Association of Commercial Codification, representative of Spain's GS1) to initiate its acquisition.

3. Communications

The ICS has a central GLN identifier for EDI interchanges and a mailbox within the eDiversa network.

Company	GLN
ICS - Pharmacy	8431299999980

The delivery of invoices to the ICS should be done through GEFACT.

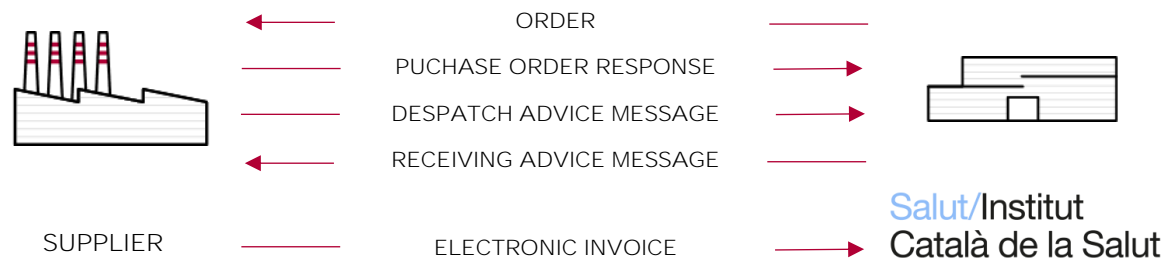
4. Messages

This user guide has been developed to accompany the AECOC Healthcare Sector User Guide. It indicates the data that ICS will include in the messages sent (purchase order and receiving advice messages), as well as other information that the ICS will take into account when reading messages received (purchase order response, dispatch advice message and invoice).

In regards to messages received, take note that any data not covered inside this guide will never provoke the rejection of any messages; nevertheless, such data will be ignored.

ICS will interchange these document types:

Type of document	Meaning	From	To
ORDERS D.96A UN EAN008	Order	ICS	Supplier
ORDRSP D.96A UN EAN005	Purchase order response	Supplier	ICS
DESADV D.96A UN EAN005	Despatch advice message	Supplier	ICS
RECADV D.96A UN EAN003	Receiving advice message	ICS	Supplier
Facturae	Electronic invoice	Supplier	ICS



5. Global Location Numbers (GLN) and Logistical structure

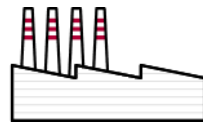
- Head global location number (UNB): 8431299999980

Company	Physical global location number (mailbox)	Network
ICS - Pharmacy	8431299999980	eDiversa

- Buyer (NAD+BY) and Invoice (NAD+IV): See list of centers in Excel format attached to this Guide.
- Delivery points (NAD+DP): See list of centers in Excel format attached to this Guide.

6. Document guide ORDERS (order) sent from ICS to supplier

6.1. ORDERS D.96A



SUPPLIER



ORDER



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Scenario for the order message

The message ORDERS gives details about the goods or services ordered in accordance to previous agreements between the ICS and the supplier. It also specifies quantities, dates, recipient destination points, prices, and total monetary costs. A purchase order is issued for every delivery destination point.

The ICS uses EANCOM's purchase orders to indicate services or a specific criterion which applies to each order. Every order function has a corresponding code. Out of all the scenarios covered within the AECOC Healthcare Sector user-guide, the ICS will use only those listed below

- ▶ Order (Code 220 of the DE 1001 of segment BGM).

In the case of receiving two ORDERS messages referring to the same order, they must reject the last one (even if it contains modifications to the initial order) to avoid a new shipment of goods.

If price discrepancies are detected in an ORDERS message, they must issue an ORDERSP rejecting the order line with differences and in turn, add the correct price information. At this point we recommend you to inform the corresponding Pharmacy Service to issue a new order.

Note: Orders related to tender will be reported in the RFF+BO segment with their corresponding tender number. These orders will only report net amounts.

6.2. ORDERS message structure

6.2.1. Header section

Element	Status	Description	Possible values	Example
UNH – Header section				
0062	Mandatory	Message reference number (generated by sender)		12345
S009-0065	Mandatory	Message type identifier	ORDERS	ORDERS
S009-0052	Mandatory	Message type version number	D	D
S009-0054	Mandatory	Message type release number	96A	96A
S009-0051	Mandatory	Controlling agency	UN	UN
S009-0057	Mandatory	Association assigned code	EAN008	EAN008
Mandatory segment in all cases.				
Example: UNH+12345+ORDERS:D:96A:UN:EAN008'				
BGM – Beginning of the message				
C002-1001	Mandatory	Type of document	220 = Order	220
1004	Mandatory	Order number generated by the send		123
1225	Optional	Message function	9 = Original	9
Segment used in all cases.				
Example: BGM+220+123+9'				

Element	Status	Description	Possible values	Example
DTM – Date/Time/Period				
C507-2005	Mandatory	Date/time/period qualifier	137 = Document/message date/time	137
C507-2380	Mandatory	Date/time/period		20200301
C507-2379	Mandatory	Date/time/period format qualifier	102 = CCYYMMDD	102
This segment is used in all cases to indicate the date of the order.				
Example: DTM+137:20200301:102'				
FTX – Free text				
4451	Optional	Text subject qualifier	AAI = General information	AAI
C108-4440	Optional	Free text		
Segment used on some occasions to indicate observation in free text referring to the order.				
Example: FTX+AAI+++Observations on the order'				
RFF - References				
C506-1153	Mandatory	Reference qualifier	BO = Blanket order	BO
C506-1154	Mandatory	Reference number		567
Optional segment used to indicate additional references of the order.				
Example: RFF+BO:567'				

Element	Status	Description	Possible values	Example
NAD – Name and Address				
3035	Mandatory	Party qualifier	MS = Document/ message sender/ sender MR = Message recipient BY = Buyer (requester) SU = Supplier (requestee) DP = Delivery party	MS
C082-3039	Mandatory	Party identification (GLN, Global Location Number), in format EAN-13.		8431299700128
C082-3055	Mandatory	Code list responsible agency, coded	9 = EAN	9
C080-3036	Mandatory	Party name		
C059-3042	Mandatory	Party address		
3164	Mandatory	City name		
3251	Mandatory	Postcode identification		
In all orders, ICS will send the information of the parties MS, MR, SU, BY and DP, including the GLN. The rest of the data should be consulted in the Logistical structure.				
Example: NAD+MS+8431299700128::9++BE+Feixa Llarga s/n+Hospitalet de Llobregat++08907'				

Element	Status	Description	Possible values	Example
RFF - References				
C506-1153	Mandatory	Reference qualifier	VA = Number of fiscal identification fiscal (CIF)	VA
C506-1154	Mandatory	Reference		A12345678
Segment to indicate additional references of the parties. It is mandatory for NAD+SU.				
Example: RFF+VA:A12345678'				
CUX - Currencies				
C504-6347	Optional	Currency details qualifier	2 = Reference currency	2
C504-6345	Optional	Currency, coded	EUR = Euros	EUR
C504-6343	Optional	Currency qualifier	4 = Invoicing currency	4
Optional segment, to indicate the currency of the invoice. In its absence, the Euro will be used.				
Example: CUX+2:EUR:4'				

6.2.2. Line of detail

Element	Status	Description	Possible values	Example
LIN – Line item header				
1082	Mandatory	Line item number		1
C212-7140	Mandatory	Item number GTIN (EAN)		8400862141404
C212-7143	Mandatory	Item number type, coded	EN = EAN	EN
The line item header segment is mandatory. Items are identified with their GTIN (Global Trade Identification Number), in EAN format.				
Example: LIN+1++8400862141404:EN'				
PIA – Additional product ID				
4347	Mandatory	Product id. function qualifier	1 = Additional identification	1
C212-7140	Mandatory	Article number		222222
C212-7143	Mandatory	Item type number	IN = ICS article number	IN
Optional segment to indicate additional item references.				
Example: PIA+1+222222:IN'				
IMD – Item description				
7077	Mandatory	Item description type, coded	F = Free text	F
C273-7008	Mandatory	Item description (in free text)		Description
Segment to indicate a description of the item in free text.				
Example: IMD+F+++::Description of specialty 1'				

Element	Status	Description	Possible values	Example
QTY – Quantity				
C186-6063	Mandatory	Quantity qualifier	21 = Ordered quantity	21
C186-6060	Mandatory	Quantity (according to previous qualifier)		15
A segment of this type will always be sent along with the quantity requested; optionally, another segment with the number of consumer units in traded unit.				
Example: QTY+21:15'				
DTM – Date/Time/Period				
C507-2005	Mandatory	Date/time/period qualifier	2 = Delivery date requested	2
C507-2380	Mandatory	Date		20201204
C507-2379	Mandatory	Date/time/period format qualifier	102 = CCYYMMDD	102
This segment will be sent to indicate dates related to the article.				
Example: DTM+2:20201204:102'				
MOA – Monetary amounts				
C516-5025	Mandatory	Monetary amount type qualifier	203 = Line item amount 388 = Line item amount (taxes included)	388
C516-5004	Mandatory	Monetary amount (according to previous qualifier)		765.77
This segment will always be sent to indicate the total quantity of the order line.				
Example: MOA+388:765.77'				

Element	Status	Description	Possible values	Example
PRI – Price details				
C509-5125	Mandatory	Price qualifier	NTP = Final unit price including taxes AAA = Calculation net	AAA
C509-5118	Mandatory	Price (per unit according to the previous qualifier)		73
This segment will be sent to indicate the net prices, applying allowances/charges.				
Example: PRI+AAA:73'				
ALC – Allowance or charge				
5463	Mandatory	Allowance or charge qualifier	A = Allowance	A
1227	Mandatory	Calculation sequence indicator, coded. If not indicated, use 1.	1 = First step of calculation	1
C214-7161	Optional	Special services	TD = Trade discount	TD
This segment will be sent to indicate any allowance information that applies to the article.				
Example: ALC+A+++1'				
PCD – Percentage details				
C501-5245	Mandatory	Percentage qualifier	3 = Allowance or charge	3
C501-5482	Mandatory	Percentage		0.025
Segment used to specify the monetary amount resulting from the application of allowance specified in the previous ALC segment.				
Example: PCD+3:0.025'				

Element	Status	Description	Possible values	Example
MOA – Monetary amounts				
C516-5025	Optional	Monetary amount type qualifier	8 = Allowance or charge amount	8
C516-5004	Optional	Monetary amount		0.0905
Segment used to specify the monetary amount resulting from the application of allowance specified in the previous ALC segment.				
Example: MOA+8:0.0905'				
TAX – Duty/Tax/Fee details				
5283	Optional	Duty/tax/fee function qualifier	7 = Tax	7
C241-5153	Optional	Duty/tax/fee type, coded	VAT = Value added tax	VAT
C243-5278	Optional	Duty/tax/fee rate		21
This segment will be sent to indicate the tax information that applies to the article.				
Example: TAX+7+VAT+++:::21'				
MOA – Monetary amounts				
C516-5025	Optional	Monetary amount type qualifier	124 = Tax amount	124
C516-5004	Optional	Amount of the tax		15.33
This segment is used to indicate the monetary amounts related to the tax specified in the previous segment TAX.				
Example: MOA+124:15.33'				

6.2.3. Summary section

Element	Status	Description	Possible values	Example
UNS – Section control				
0081	Mandatory	Section identification	S = Detail/summary section separation	S
Mandatory segment to indicate that the detail section finishes and the summary section begins.				
Example: UNS+S'				
MOA – Monetary amounts				
C516-5025	Mandatory	Monetary amount type qualifier	79 = Total line items amount 139 = Total order with tax	79
C516-5004	Mandatory	Monetary amount		145.87
This segment is always sent to indicate the total amount of the order.				
Example: MOA+79:145.87'				
UNT – End of message				
0074	Mandatory	Number of segments in the message		72
0062	Mandatory	Message reference number assigned by the sender		12345
Mandatory segment that indicates the end of the message.				
Example: UNT+72+12345'				

6.3. Examples of an ORDERS message

```
UNH+ICS291+ORDERS:D:96A:UN:EAN008'  
BGM+227+5555+9'  
DTM+137:20201201:102'  
RFF+BO:BO111222333'  
NAD+MS+8431299700128::9++BE+Feixa Llarga s/n+Hospitalet de Llobregat++08907'  
NAD+MR+84000000000000::9'  
NAD+SU+84000000000000::9'  
RFF+VA:A82328998'  
NAD+BY+8431299999980::9++BE+Feixa Llarga s/n+Hospitalet de Llobregat++08907'  
NAD+DP+8431299700005::9++BE+Feixa Llarga s/n+Hospitalet de Llobregat++08907' LIN+1+++999999999999:EN'  
PIA+1+222222:IN'  
IMD+F+++::Description of article'  
QTY+21:1'  
DTM+2:20201204:102'  
MOA+388:32209.68'  
MOA+203:30970.85'  
PRI+NTP:322.1'  
PRI+AAA:309.71'  
ALC+A+++1'  
PCD+1:7.5'  
UNS+S'  
MOA+139:32209.68'  
MOA+79:30970.85'  
UNT+25+ICS291'
```

7. Document guide ORDRSP (Purchase order response) sent by supplier to the ICS

7.1. ORDRSP D.96A

An ORDRSP message is the message that the supplier should send to the ICS as a reply to a single ORDERS message.

Reply options:

- ▶ An acknowledgment of receipt and comprehension of the data contained in the purchase order message,
- ▶ A confirmation that the purchase order has been accepted,
- ▶ A suggested modification to the purchase order,
- ▶ A notice of rejection to the whole purchase order or a part of the purchase.

As a guide, the following principles should be established to avoid ambiguity in the application of current EDI purchase order response messages:

- A purchase order response message indicates that the supplier has received a purchase order and it also indicates whether the supplier has accepted the purchase order entirely, partially, or not at all; when appropriate, it indicates necessary modifications to the 'purchase order', which are required to render the supplier capable of completing the order.
- The purchase order response message should refer back to the original purchase order.
- Within the same purchase order response message, it is possible to indicate an acknowledgement of receipt, confirmation, and proposed modifications by using the adequate qualifiers within the BGM and LIN segments.
 - If there are discrepancies in the ORDERS, they must send an ORDERSP informing obligatorily the reason of the discrepancy and the rejection of the order and/or the line and inform the corresponding Pharmacy Service to issue a new order.
- The only segments and data elements required within a purchase order response message are listed:
 - Those marked as mandatory in structure diagram of the message structure of the purchase order response.
 - Those that modify previous instructions, adding clarifications or other conditions, from the header section as well as the detail section. If a line item is modified, it is mandatory to specify the GTIN code within LIN segment, and the supplier's and buyer's codes in PIA segment. The others are only mandatory if they are modified.

- When a purchase order is either completely accepted or completely rejected, it is not necessary to indicate the item lines that appear in the previous purchase order. It is sufficient to send the header.

7.1.1. Modifications in the lines of the order

ICS allows various amendments to data from item lines. Depending on the data being modified, it is necessary to wait for the following instruction from the ICS.

- Case A: the order is sent anyway, accepting the modification proposals from supplier (indicate value “6” in DE1229 of the LIN segment). This case occurs when the supplier modifies one of the following fields:
 - The Ordered quantity (always less than the original)
 - The shipment date
 - The total quantity of the order line (whenever this quantity is changed to the modify the quantity, and not the unit price)
 - The consumption units within the shipping unit
- Case B: the line of the order is cancelled and awaiting instructions from ICS (in this case, indicate value “3” in the DE1229 LIN segment). If the discrepancy is solved, another purchase order with the item in request may be received at a later date. This case will happen if any of the following fields are modified by the supplier:
 - The EAN code
 - The supplier’s item code/reference
 - The price details

7.1.2. Sending terms for the purchase order response

ICS solicits one reply from the supplier for every order made to the supplier and requires it within a period of 48 hours. Nevertheless, in cases when errors are found in the first reply (mistakes or missing information for any or some item lines), a second reply that complements or amends the original reply can be sent. These replies should be sent within a reasonable time period so that ICS can adopt the necessary measures (according to the information that is sent).

7.1.3. How to indicate differences in quantities

In order to indicate that the quantity shipped will be less than the quantity requested (it is not possible to indicate an increase in quantity) by a purchase order, follow these instructions:

- To indicate the final quantity to be shipped (not the original requested by the ICS) use segment QTY's element 6060 with qualifier 21
- To indicate the quantity that will not be delivered (using negative values) use segment QVR's element 6064 with qualifier 21.
- Mandatory, to indicate the reason for the discrepancy use the segments QTY's element 6060 and segment QVR's element 4221.

For example, hypothetically, there is a request for 10 units, but the final quantity to be shipped will be 8, it should be indicated in the following manner:

QTY+21:8'

QVR+-2:21+CI'

7.1.4. How to indicate shipments with various delivery dates

Occasionally, it is impossible to deliver the whole purchase order on the date solicited by the buyer but otherwise all the line items within a purchase-order would be accepted. In such cases, there needs to be as many line items as there are delivery dates. Each line item must indicate the quantity to be delivered and its corresponding date. If not all the line items requested are to be delivered, indicate the QVR segment corresponding to the difference in some of the line items.

For example, if 10 units are requested but only 5 are delivered on the date solicited by the buyer (for example, 21/06/2022), 3 more one week later (28/06/2022), and 2 are not delivered at all; it should be indicated in the following manner (this example only uses the segments LIN, QTY, DTM and QVR):

LIN+1+6+8400862141404:EN'// Corresponds to the 5 first units

QTY+21:5'

DTM+2: 20220621:102'

LIN+1+6+8400862141404:EN'// Corresponds to the 3 following units, and informs that 2 will not be delivered

QTY+21:3'

DTM+2: 20220628:102'

QVR+-2:21'

7.1.5. How the ICS will inform on the prices:

If in an ORDERS message, all the prices reported in the different segments coincide, it is because it is a bid price. This information can be useful for the supplier.

ICS will send in the ORDERS message, the identifier of the blanket order number (RFF+BO).

7.2. ORDRSP message structure

7.2.1. Header section

Element	Status	Description	Possible values	Example
UNH – Message header				
0062	Mandatory	Message reference number assigned by sender		12345
S009-0065	Mandatory	Message type identifier	ORDRSP	ORDRSP
S009-0052	Mandatory	Message type version number	D	D
S009-0054	Mandatory	Number of sub-version of the type of message	96A	96A
S009-0051	Mandatory	Controlling agency	UN	UN
S009-0057	Mandatory	Association assigned code	EAN005	EAN005
Mandatory segment in all cases.				
Example: UNH+12345+ORDRSP:D:96A:UN:EAN005'				
BGM – Beginning of message				
CO02-1001	Mandatory	Document /message name	231 = Purchase order response	231
1004	Mandatory	Document/message function		123
1225	Mandatory	Message function, coded	4 = Change 27 = Not accepted 29 = Accepted without amendment	4
Mandatory segment. The following code values, which apply to the message's field function are used in the following manner:				
<ul style="list-style-type: none"> • 4 = Change: the supplier accepts to provide the products/services, but proposes amendments to one or more items. • 27 = Not accepted: the supplier rejects the whole purchase order • 29 = Accepted without amendments: the supplier accepts to provide products/services of the purchase order and all of its conditions. 				
Example: BGM+231+123+4'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/time/period qualifier	137 = Document/message date/time	137
C507-2380	Mandatory	Date/time/period		20201201
C507-2379	Mandatory	Date/time/period format qualifier	102 = CCYYMMDD 203 = CCYYMMDDHHMM	102
Mandatory to indicate this segment.				
Example: DTM+137:20201201:102'				
RFF - References				
C506-1153	Mandatory	Reference qualifier	ON = Order number	ON
C506-1154	Mandatory	Reference number		567
Mandatory to indicate the order number (ON).				
Example: RFF+ON:567'				

Element	Status	Description	Possible values	Example
NAD – Name and Address				
3035	Mandatory	Party qualifier	MS = Document/ message sender/sender MR = Message recipient BY = Buyer (requester) SU = Supplier (requestee) DP = Delivery party	MS
C082-3039	Mandatory	Party identification (GLN, Global Location Number), in format EAN-13.		8431299999980
C082-3055	Mandatory	Code list responsible agency, coded	9 = EAN	9
It is mandatory for the supplier to send an NAD segments that correspond to the buyer (BY), supplier (SU), and issuer/sender of message/document (MS), and message/document recipient (MR). The rest are optional.				
Example: NAD+MS+8431299999980::9'				

7.2.2. Line of detail

Element	Status	Description	Possible values	Example
LIN – Line item header				
1082	Mandatory	Line number of the order		1
1229	Mandatory	Action/notification request, coded	3 = Changed 5 = Accepted without amendment 6 = Accepted with amendment 7 = Not accepted	3
C212-7140	Mandatory	Item number GTIN (EAN)		8400862141404
C212-7143	Mandatory	Item number type, coded	EN = EAN	EN
<p>The line item header segment is mandatory. It is where the item is identified with its code GTIN (Global Trade Identification Number), in EAN format, and the line item status is indicated.</p> <p>In the case of changing the line data, code 3 should be used if the change involves a new purchase order on this order line (ICS case B). If the change does not imply a new purchase order, code 6 is used (case A). See section 7.1 for an explanation of these cases.</p> <p>Example: In the case of changing the line data, code 3 should be used if the change involves a new purchase order on this order line (ICS case B). If the change does not imply a new purchase order, code 6 is used (case A). See section 7.1 for an explanation of these cases.</p>				

Element	Status	Description	Possible values	Example
PIA – Additional product ID				
4347	Optional	Product id. function qualifier	1 = Additional identification	1
C212-7140	Optional	Item number		A45U25
C212-7143	Optional	Item number type, coded	SA = Supplier's article number IN = Buyer's Item number	
It is mandatory that the supplier includes two PIA segments to indicate the internal article number of the buyer and the supplier.				
Example: PIA+1+A45U25:SA'				
IMD – Item description				
7077	Optional	Item description type, coded	F = Free text	
C273-7008	Optional	Item description in free text		Description
Optional segment to indicate the description of items in free text.				
Example: IMD+F+++::Description'				
QTY – Quantities				
C186-6063	Mandatory	Quantity qualifier	21 = Ordered quantity	21
C186-6060	Mandatory	Quantity according to previous qualifier		15
This segment will be mandatory to send only if the indicated data is modified.				
Example: QTY+21:15'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/time/period qualifier	2 = Delivery date	2
C507-2380	Mandatory	Date/time/period		20201205
C507-2379	Mandatory	Date/time/period format qualifier	102 = CCYYMMDD 203 = CCYYMMDDHHMM	102
This segment will be sent to indicate the forecasted shipment date of the goods, only mandatory if the one specified in the order is modified.				
Example: DTM+2:20201205:102'				
MOA - Monetary amounts				
C516-5025	Mandatory	Amount type	203 = Line item net amount	203
C516-5004	Mandatory	Amount according to previous qualifier		765.77
Segment to confirm the total net amount of the order line.				
Example: MOA+203:765.77'				

Element	Status	Description	Possible values	Example
QVR - Quantity variances				
C279-6064	Mandatory	Quantity difference		-10
C279-6063	Mandatory	Quantity qualifier	21 = Ordered quantity	21
4221	Mandatory	Qualifier of the reason for the discrepancy. This field details the reason for the discrepancy that generates the difference in quantities.	AA = Item discontinued by wholesaler AB = Item no longer produced AD = Item out of stock at manufacturer AS = Available now - scheduled to ship (date) BK = Back-ordered from previous order CI = Customer inquiry CP = Shipment partial - considered complete without no backorder CN = Next carrier PS = In process, scheduled to ship (date) OS = Item out of stock because of strike of force majeure OW = Item out of stock at wholesaler TW = Item temporary discontinued by wholesaler	

Element	Status	Description	Possible values	Example
C960-4295	Optional	Change reason qualifier. This field details the reason for the change.	AJT = Adjustment detail AUE = Article code unknown AV = Out of inventory AQ = Alternative quantity and unit of measurement IS = Item represents substitution from original order PC = Pack difference UM = Unit of measure difference WV = Committed purchase quantity not ordered	
Mandatory segment when there are variances, used to indicate their reasons. Element 4221 is used only to explain the differences of quantities, and element 4295 for any other type of differences.				
Example: QVR+-10:21+AD' (10 units less will be delivered due to lack of stock).				
PRI - Price details				
C509-5125	Mandatory	Price qualifier	AAA= Calculation net NTP = Net total price AAB = Calculation gross	AAB
C509-5118	Mandatory	Price (per unit according to the previous qualifier)		76.577
This segment will be sent to confirm the unit price.				
Example: PRI+AAB:76.577'				

7.2.3. Summary section

Element	Status	Description	Possible values	Example
UNS – Section Control for line items and summary				
0081	Mandatory	Section identification	S = Detail/Summary section separation	S
Mandatory segment to separate the detail section from the summary.				
Example: UNS+S'				
MOA – Monetary amounts				
C516-5025	Mandatory	Monetary amount type qualifier	79 = Total line items amount	79
C516-5004	Mandatory	Monetary amount		145.87
Optional segment to confirm the total amount of the order without taxes.				
Example: MOA+79:145.87'				
UNT – End of message				
0074	Mandatory	Number of segments of the message		72
0062	Mandatory	Message reference number, assigned by sender		12345
Mandatory segment, that indicates the end of the message.				
Example: UNT+72+12345'				

7.3. Examples of an ORDRSP message

7.3.1. ORDRSP of an order accepted without amendments

UNH+RP291+ORDRSP:D:96A:UN:EAN005'

BGM+231+5555+29'

DTM+137:20201201:102'

RFF+ON:ICS291'

NAD+MS+8400000000000000::9'

NAD+MR+8431299900023::9'

NAD+SU+8400000000000000::9'

NAD+BY+8431299900023::9'

UNT+9+RP291'

7.3.2. ORDRSP of an order not accepted

UNH+RP291+ORDRSP:D:96A:UN:EAN005'

BGM+231+5555+27'

DTM+137:20201201:102'

RFF+ON:ICS291'

NAD+MS+8400000000000000::9'

NAD+MR+8431299900023::9'

NAD+SU+8400000000000000::9'

NAD+BY+8431299900023::9'

UNT+9+RP291'

7.3.3. ORDRSP of an order accepted with amendments

The first line is accepted without modifications and the second with amendments. The third is rejected.

UNH+ICS291+ORDRSP:D:96A:UN:EANO05'

BGM+231+5555+4'

DTM+137:20201201:102'

RFF+ON:ICS291'

NAD+MS+84000000000000::9'

NAD+MR+8431299900023::9'

NAD+SU+84000000000000::9'

NAD+BY+8431299900023::9'

LIN+1+5+9999999999999:EN'

LIN+2+3+8888888888888:EN'

PIA+1+3333333:SA'

PIA+1+4444444:IN'

IMD+F+:::Descripción de artículo2'

QTY+21:10'

DTM+2:20201204:102'

MOA+203:50'

QVR+-10:21+TW'

PRI+AAA:5'

RFF+LI:10'

LIN+3+7+7777777777777:EN'

PIA+1+7777777:IN'

IMD+F+:::Descripción artículo 3'

QTY+21:0'

MOA+203:121.7'

QVR+-10:21+CI'

PRI+AAA:12.17'

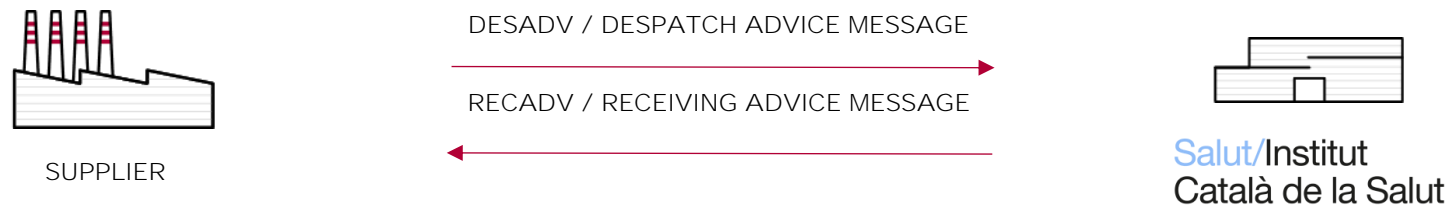
UNS+S'

MOA+79:120'

UNT+23+ICS291'

8. Document guide DESADV (despatch advice message) sent by supplier to ICS

8.1. DESADV D.96A



Scenario for the delivery of the goods

The dispatch advice message details the goods sent or loaded, ready for the shipment to the recipient. The message refers to a single shipping point of the goods and a single destination point.

This message allows the recipient of the message to have the data necessary to prepare an efficient reception of goods and planning of the restocking to the healthcare entities. The dispatch advice message includes the order number for the shipment of goods. Each order should only generate one dispatch advice message, except when the shipment is done with more than one type of transportation for size issues.

The dispatch advice message can include additional information about the products that were not available when the purchase order was made. For example: numbers of production batch, numbers of series of the specific products, expiry date, etc.

The ICS utilizes non-logistical DESADV (without packaging or labeling information). This implies that if a supplier sends a DESADV with logistic information, it will be ignored at first glance upon receiving the document/message. The ICS, nevertheless, reserves the right to request a 'delivery note' from its suppliers if it is considered necessary in the future.

Mandatory information at the line item level

At the line level, it is mandatory to indicate the EAN code, the internal article number of the buyer and the seller, and the quantity to deliver. Also, it is mandatory to indicate:

- ▶ The batch number (when it exists). If there are various batch numbers, a LIN segment should be included for each batch number.

8.2. DESADV message structure

8.2.1. Header section

Element	Status	Description	Possible values	Example
UNH – Message heading				
0062	Mandatory	Message reference number, assigned by sender		12345
S009-0065	Mandatory	Message type identifier	DESADV	DESADV
S009-0052	Mandatory	Message type version number	D	D
S009-0054	Mandatory	Message type release number	96A	96A
S009-0051	Mandatory	Controlling agency	UN	UN
S009-0057	Mandatory	Association assigned code	EAN005	EAN005
Mandatory segment in all cases.				
Example: UNH+12345+DESADV:D:96A:UN:EAN005'				
BGM – Beginning of message				
C002-1001	Mandatory	Document /message name	351 = Dispatch advice message	351
1004	Mandatory	Document/message function		123
1225	Optional	Message function, coded	9 = Original	9
Segment used in all cases. The delivery note number assigned by the supplier must have a numeric value.				
Example: BGM+351+123+9'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/time/period qualifier	137 = Document/message date/time 191 = Delivery date expected	137
C507-2380	Mandatory	Date/time/period		20201201
C507-2379	Mandatory	Date/time/period format qualifier	102 = CCYYMMDD 203 = CCYYMMDDHHMM	102
This segment should be sent two times, one for the date of the document and another for the estimated shipment date.				
Example: DTM+137:20201201:102'				
RFF - References				
C506-1153	Mandatory	Reference qualifier	DQ = Delivery note number ON = Order number	ON
C506-1154	Mandatory	Reference number		567
It is mandatory to indicate two RFF segments, once for each case.				
Example: RFF+ON:567'				

Element	Status	Description	Possible values	Example
NAD – Name and Address				
3035	Mandatory	Party qualifier	MS = Message sender MR = Message recipient BY = Buyer (requester) SU = Supplier (requestee) DP = Delivery party (point/store products are delivered to)	MS
C082-3039	Mandatory	Party identification (GLN, Global Location Number), in format EAN-13.		8431299999980
C082-3055	Mandatory	Code list responsible agency, coded		9
The supplier should send the NAD segments corresponding to all the parties previously indicated.				
Example: NAD+MS+8431299999980::9'				

8.2.2. Grouping

Element	Status	Description	Possible values	Example
CPS – Consignment Packing Sequence				
7164	Mandatory	Hierarchy identification number		1
Segment header for packages included within a delivery. Given that the ICS does not require the logistics' delivery note, all segments related to packages should be ignored; only line item number segments (LIN) and their related segments will be considered. It is mandatory, for structure, to indicate at least the first grouping.				
Example: CPS+1'				

8.2.3. Line of detail

Element	Status	Description	Possible values	Example
LIN – Line item header				
1082	Mandatory	Line item number		1
C212-7140	Mandatory	GTIN (EAN) Item number		8400862141404
C212-7143	Mandatory	Item number type, coded	EN = EAN	EN
Header segment of line of detail, mandatory, where article is identified with its GTIN (Global Trade Identification Number), in EAN format.				
Example: LIN+1++8400862141404:EN'				
PIA – Additional product ID				
4347	Mandatory	Product id. function qualifier	1 = Additional identification	1
C212-7140	Mandatory	Item number		A45U25
C212-7143	Mandatory	Item number type, coded	SA = Supplier's article number	SA
It is mandatory that the supplier includes the PIA segments to indicate the internal article number of the supplier.				
Example: PIA+1+A45U25:SA'				
QTY – Quantities				
C186-6063	Mandatory	Quantity qualifier	12 = Quantity sent	12
C186-6060	Mandatory	Quantity according to previous qualifier		15
At least one segment of this type will be sent with the quantity sent. Optionally, another with the number of consumption units in the shipped unit.				
Example: QTY+12:15'				

Element	Status	Description	Possible values	Example
PCI – Packing identification				
4233	Mandatory	Qualifier	36E = Additional information	36E
Segment necessary for structure to later identify its subordinate segment dates (DTM) and the batch numbers (GIN).				
Example: PCI+36E'				
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/time/period qualifier	36 = Expiration date	36
C507-2380	Mandatory	Date/time/period		20201201
C507-2379	Mandatory	Date/time/period format qualifier	102 = CCYYMMDD	102
Mandatory to indicate this segment at least once for the expiration date. The others cases will depend on the product.				
Example: DTM+36:20201201:102'				
GIN – Goods identity number				
7405	Mandatory	Identity number qualifier	BX = Batch number	BX
C208-7402	Mandatory	Batch number		A234323
Mandatory segment to indicate the batch number.				
Example: GIN+BX+A234323'				

8.2.4. Summary section

Element	Status	Description	Possible values	Example
UNT – End of the message				
0074	Mandatory	Number of segments of the message		72
0062	Mandatory	Message reference number, assigned by sender		12345
Mandatory segment to indicate the end of the message.				
Example: UNT+72+12345'				

8.3. Examples of a DESADV message

```
UNH+DV300+DESADV:D:96A:UN:EAN005'  
BGM+351+5555+9'  
DTM+137:20201201:102'  
DTM+191:20201210:102'  
RFF+ON:ICS291'  
RFF+DQ:ALB12345'  
NAD+MS+8400000000000000::9'  
NAD+MR+8431299999980::9'  
NAD+SU+8400000000000000::9'  
NAD+BY+8431299999980::9'  
NAD+DP+8431299700012::9'  
CPS+1'  
LIN+1++9999999999999:EN'  
PIA+1+1111111:SA'  
QTY+12:10'  
PCI+36E'  
DTM+36:20201201:102'  
GIN+BX+A234323'  
LIN+2++8888888888888:EN'  
PIA+1+3333333:SA'  
QTY+12:20'  
PCI+36E'  
DTM+36:20200501:102'  
UNS+S'  
UNT+24+DV300'
```

9. RECADV document guide (Receiving Advice Message) sent from the ICS to supplier

9.1. RECADV D.96A

A receiving advice message concerns the needs related to the reception of goods. It is used either to acknowledge a receipt of merchandise or to alert the supplier of particular discrepancies found after receipt of merchandise and/or the controlled content within a shipment that has already been accepted.

The message is related to a single shipment point and a single destination point and can cover different item numbers.

It allows the buyer or recipient of the goods to provide the corresponding supplier or agent with:

- An acknowledgement that the goods have been received
- Notifies discrepancies between the number of received items and the number of items sent (and/or ordered).
- Notifies or gives instructions concerning the acceptance or suggestions with regard to the identified discrepancies.
- Instructions regarding the corrections that must be carried out on the invoice or credit note that is to be sent; which are based on the dispatch advice message or delivery notice.

ICS will send the confirmation receipt to the supplier, once goods have physically been received and inspected. It is recommendable that the invoicing message (FACTURAE) not be sent until the buyer confirms the acceptance of the goods, but in no case will it be mandatory. This decreases errors in invoice messages.

9.1.1. Scenario without variances

The confirmation of reception can start the invoicing of the goods and services or can be used for the supplier to control the hired transportation services. Following the recommendations of the AECOC Healthcare Sector Guide, ICS will send the information of all the lines, even if they don't contain modifications.

9.1.2. Scenario with variances

In this case, the reception notification is used to notify the variances between the goods received and accepted and the goods sent, as communicated in the dispatch advice message. In these cases, the reception notification will normally include information related to goods lost, stolen or damaged in transit, short or excessive deliveries, unknown articles, etc.

To specify any variation between that ordered/sent and that received and accepted, use the QVR segment (DE 6063 and 6064).

9.2. Structure of a RECADV message

9.2.1. Header section

Element	Status	Description	Possible values	Example
UNH – Message header				
0062	Mandatory	Message reference number (generated by sender)		12345
S009-0065	Mandatory	Message type identifier	RECADV	RECADV
S009-0052	Mandatory	Message type version number	D	D
S009-0054	Mandatory	Message type release number	96A	96A
S009-0051	Mandatory	Controlling agency	UN	UN
S009-0057	Mandatory	Association assigned code	EAN003	EAN003
Mandatory segment in all cases.				
Example: UNH+12345+RECADV:D:96A:UN:EAN003'				
BGM – Beginning of message				
C002-1001	Mandatory	Document /message name	352 = Receiving advice number	352
C002-3055	Mandatory	Code list responsible agency, coded	9 = EAN	9
1004	Mandatory	Document/message function		123
1225	Optional	Message function, coded	9 = Original	9
Segment used in all cases.				
Example: BGM+352+123+9'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/time/period qualifier	137 = Document/ message date/time 50 = Good receipt date/time	137
C507-2380	Mandatory	Date/time/period		20201201
C507-2379	Optional	Date/time/period format qualifier	102 = CCYYMMDD	102
ICS will send two DTM segments to indicate the date of the document and the date of reception of the goods.				
Example: DTM+137:20201201:102'				
RFF - References				
C506-1153	Mandatory	Reference qualifier	DQ = Delivery notice number ON = Order number AAK = Dispatch advice number	ON
C506-1154	Mandatory	Reference number		567
The three references indicated will be sent through three RFF segments.				
Example: RFF+ON:567'				

Element	Status	Description	Possible values	Example
NAD – Name and Address				
3035	Mandatory	Party qualifier	MS = Message sender MR = Message recipient DP = Delivery party (point/store products are delivered to) SH = Shipper	MS
C082-3039	Mandatory	Party identification (GLN, Global Location Number), in format EAN-13.		8431299999980
C082-3055	Mandatory	Code list responsible agency, coded	9 = EAN	9
NAD segments will be sent corresponding to the parties previously indicated, only with their.				
Example: NAD+MS+8431299999980::9'				

9.2.2. Grouping

Element	Status	Description	Possible values	Example
SG10 15 CPS – Consignment Packing Sequence				
7164	Mandatory	Hierarchy identification number		1
<p>Header for packages included within a delivery. Given that the ICS does not require the logistics' delivery note, all segments related to packages should be ignored; only line item number segments and their related segments will be considered. It is mandatory, for structural reasons, to include at least the first package. This segment and those subsequent to it should be sent when discrepancies are detected with respect to the dispatch advice message.</p>				
<p>Example: CPS+1'</p>				

9.2.3. Line of detail

Element	Status	Description	Possible values	Example
SG25 27 LIN – Line Item header				
1082	Mandatory	Line item number		1
C212-7140	Mandatory	GTIN (EAN) item number		8400862141404
C212-7143	Mandatory	Item number type, coded	EN = EAN	EN
Segment is mandatory. Items are identified with their GTIN (Global Trade Identification Number), in EAN format.				
Example: LIN+1++8400862141404:EN'				
SG25 28 PIA – Referencias adicionales				
4347	Mandatory	Product id. function qualifier	1 = Additional identification	1
C212-7140	Mandatory	Item number		A45U25
C212-7143	Mandatory	Item number type, coded	IN = Buyer's Item number	
ICS will include one PIA segments to indicate the article internal number of the buyer.				
Example: PIA+1+A45U25:IN'				
QTY – Quantities				
C186-6063	Mandatory	Quantity qualifier	12 = Dispatch quantity 194 = Received and accepted	12
C186-6060	Mandatory	Quantity		15
Two QTY will be sent, one to indicate the quantity expressed for each of the previous.				
Example: QTY+12:15'				

Element	Status	Description	Possible values	Example
QVR - Quantity variances				
C279-6064	Mandatory	Quantity difference		40
C279-6063	Mandatory	Quantity qualifier	195 = Received, not accepted, to be returned 196 = Received, not accepted, to be destroyed 83 = Backorder quantity	195
4221	Optional	Variance, coded.	CP = Shipment partial, considered complete, no back order BP = Shipment partial, back order to follow AF = Goods delivered, damaged	BP
4295	Optional	Change reason, coded.	IS = Item represents substitution from original order PE = Minimum/maximum product durability date unacceptable X37 = Discrepancies in lot number X38 = Discrepancies in expiry date	PE
Mandatory segment when there are variances, used to indicate the reasons for them. Element 4221 explains the differences only of quantities, and element 4295 for any other type of differences.				
Example: QVR+-40:195'				

Element	Status	Description	Possible values	Example
PCI – Package identification				
4233	Mandatory	Marking instructions, coded	36E = additional information	36E
Segment necessary for structure to later identify its subordinate segment dates (DTM) and the batch numbers (GIN).				
Example: PCI+36E'				
GIN – Goods identity number				
7405	Mandatory	Identity number qualifier	BX = Batch number	BX
C208-7402	Mandatory	Identity number		A234323
Mandatory segment to indicate the batch number.				
Example: GIN+BX+A234323'				

9.2.4. Summary section

Element	Status	Description	Possible values	Example
UNT – End of the message				
0074	Mandatory	Number of segments of the message		72
0062	Mandatory	Message reference number, assigned by sender		12345
Mandatory segment to indicate the end of the message.				
Example: UNT+72+12345'				

9.3. Examples of a RECADV message

9.3.1. RECADV of reception and acceptance of the totality of the shipment

```
UNH+RC300+RECADV:D:96A:UN:EAN003'  
BGM+352+5555+9'  
DTM+137:20201201:102'  
DTM+50:20201210:102'  
RFF+ON:ICS291'  
RFF+DQ:ALB12345'  
RFF+AAK:RC12345'  
NAD+MS+8431299999980::9'  
NAD+MR+84000000000000::9'  
NAD+SH+84000000000000::9'  
NAD+DP+8431299700012::9'  
CPS+1'  
LIN+1++9999999999999:EN'  
PIA+1+111111:SA'  
PIA+1+222222:IN'  
QTY+12:100'  
QTY+194:100'  
UNT+19+RC300'
```

9.3.2. RECADV of reception with variances

An item line containing 100 units and five of which are in unacceptable condition.

UNH+RC300+RECADV:D:96A:UN:EAN003'

BGM+352+5555+9'

DTM+137:20201201:102'

DTM+50:20201210:102'

RFF+ON:ICS291'

RFF+DQ:ALB12345'

RFF+AAK:RC12345'

NAD+MS+8431299999980::9'

NAD+MR+8400000000000::9'

NAD+SH+8400000000000::9'

NAD+DP+8431299700012::9'

CPS+1'

LIN+1++999999999999:EN'

PIA+1+111111:SA'

PIA+1+222222:IN'

QTY+12:100'

QTY+48:100'

QTY+194:95'

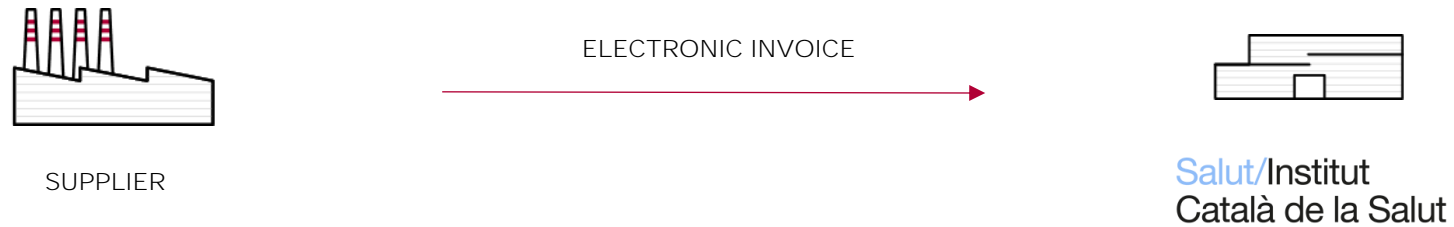
QVR+-5:196'

UNT+21+RC300'

10. Guide of the document Electronic invoice sent by the supplier to ICS

10.1. Electronic invoice

It is the message that documents the debt created by the reception of the goods or services supplied under the conditions agreed upon between the buyer and the seller.



The invoice document should be generated in the standard Facturae format and be sent through the e.FACT service of the Consorci d'Administració Oberta de Catalunya (AOC), general entry point for electronic invoices of the Generalitat of Catalunya.

At the following link, you will find all the documentation necessary: <https://www.aoc.cat/portal-suport/e-fact/idservei/efact>

11. Document versions

Version 1.a, published 14/06/2021.

- ▶ Initial version.

Version 1.b, published 14/06/2021.

- ▶ A requirement in the ORDRPS message on how to indicate differences in quantities is modified.

Version 1.c, published 17/05/2022.

- ▶ A requirement is modified in the ORDRPS message in field C082-3055 indicated as Mandatory.

Version 1.c,1 published 20/10/2022.

- ▶ An informative note is included in the ORDERS message in reference to the amounts.