NHX Billing Message 4.2

Electronic invoice interface specification for customers

Document	Value
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Message	NHX Billing Message, version 4.2 (export profile NHX-BILL-STD of NHX OrderLink 4.2.x)
Revision	C, 2026-09-15 (replaces revision B of 2025-02-03)
Delivery	SFTP to the customer's server, one message per file, file name <document number>.xml; or e-mail attachment on request
Contact	edi-support@newhaven-ore.example (demo)

1. Purpose

This document describes the XML message Newhaven Ore Techniek sends for every invoice and credit note. It is our own format, produced by our ERP export. We do not send UBL, Peppol BIS or Factur-X from this system. Customers map this message into their own accounts payable system. Fields not described here are internal and may change without notice; ignore them.

2. General rules

Rule	Description
Encoding	UTF-8, with XML declaration. One BillingMessage root per file.
Namespace	All elements are in namespace `urn:newhaven-ore:nhx:billing:4.2`, written with prefix NHX. Match on the namespace, not on the prefix.
Dates	CCYYMMDD without separators (20261104). Date-times CCYYMMDDThhmmss, local time Europe/Amsterdam.
Amounts	Decimal point, exactly two decimals, no thousands separator. The currency is in attribute `ccy` on every amount and in Document/Ccy.
Signs	Invoices carry positive amounts. Credit notes (Document/@type = CRN) also carry positive amounts; the document type gives the direction.
Values in attributes	Many values are attributes, not elements: document number and date, party function, address parts, identifiers scheme, unit of measure, price basis, tax category and rate.
Rounding	Line values are rounded per line. Tax is calculated per tax band on the sum of the line values in that band and rounded once per band.

3. Message structure

```
BillingMessage (@version, @msgId, @created)
 +- Control            Sender/@gln, Receiver/@gln, TestFlag (1 = test message, do not book)
 +- Document           @type (INV | CRN), @no, @issued
 |   +- Ref (0..n)     @kind = PO | DN | CUST | ORIG ; text = the reference
 |   +- Ccy            ISO 4217 currency of the document
 |   +- Terms          @code, @due (due date), text = description
 +- Parties
 |   +- Party (1..n)   @fn = SE | BY | DP | IV  (see code list 5.1)
 |       +- Name, Addr (@street, @zip, @city, @cc), Id (0..n, @scheme), Bank (@iban, @bic)
 +- Items (@count)
 |   +- Item (1..n)    @seq
 |       +- Article/@sellerNo, Text, Qty (@uom), Price (@basis, @ccy),
 |          Rebate (0..1, @pct; text = rebate amount), LineValue, TaxRef/@cat
 +- Summary
     +- Taxes/TaxBand (1..n)  @cat, @pct ; Base, Tax
     +- Net, TaxTotal, Payable
```

4. Field descriptions

XPath (prefix NHX)	Card.	Meaning	Notes
/BillingMessage/Document/@no	1	Invoice or credit note number	Unique per supplier and year
/BillingMessage/Document/@issued	1	Invoice date	CCYYMMDD
/BillingMessage/Document/@type	1	Document type	INV invoice, CRN credit note
/BillingMessage/Document/Ccy	1	Document currency	ISO 4217
/BillingMessage/Document/Terms/@due	0..1	Due date	CCYYMMDD; absent for prepaid documents
/BillingMessage/Document/Terms/@code	0..1	Payment terms code	Our code, e.g. N30, N14, PP
/BillingMessage/Document/Ref[@kind='PO']	0..1	Customer purchase order number	As given on the order
/BillingMessage/Document/Ref[@kind='DN']	0..n	Our delivery note number	
/BillingMessage/Document/Ref[@kind='CUST']	0..1	Our customer account number for you	
/BillingMessage/Document/Ref[@kind='ORIG']	0..1	Original invoice number	Credit notes only
Party[@fn='SE']/Name	1	Supplier (seller) name	The legal entity that invoices
Party[@fn='SE']/Id[@scheme='VAT']	1	Supplier VAT number	
Party[@fn='SE']/Addr/@street, @zip, @city, @cc	1	Supplier address	@cc = ISO 3166 alpha-2
Party[@fn='SE']/Bank/@iban, @bic	0..1	Supplier bank account for payment	Pay only to this account
Party[@fn='BY']/Name	1	Buyer (bill-to) name	Your legal entity
Party[@fn='BY']/Id[@scheme='VAT']	0..1	Buyer VAT number	
Party[@fn='DP']	0..1	Delivery point (ship-to)	
Item/@seq	1	Line number	10, 20, 30, ...
Item/Article/@sellerNo	1	Our article number	
Item/Text	1	Line description	
Item/Qty, Item/Qty/@uom	1	Quantity and unit of measure	UN/ECE Rec. 20 codes, see 5.3
Item/Price, Item/Price/@basis	1	Unit price and price basis	Price is quoted per @basis units: unit price = Price / basis (basis 100 = price per 100 units)
Item/Rebate, Item/Rebate/@pct	0..1	Line rebate amount and percentage	Already deducted in LineValue
Item/LineValue	1	Line net amount	Qty x Price / basis, minus rebate
Item/TaxRef/@cat	1	Tax category of the line	See 5.2; the rate is in the matching Summary TaxBand
Summary/Taxes/TaxBand/@cat, @pct	1..n	Tax category and rate	One band per category used
Summary/Taxes/TaxBand/Base, Tax	1	Taxable amount and tax amount of the band	
Summary/Net	1	Total net amount (excluding tax)	Sum of LineValue
Summary/TaxTotal	1	Total tax amount	Sum of TaxBand/Tax
Summary/Payable	1	Total amount payable (including tax)	Net + TaxTotal

5. Code lists

5.1 Party function (Party/@fn)

Code	Meaning
SE	Seller, the supplier that invoices
BY	Buyer, bill-to party
DP	Delivery point, ship-to
IV	Invoicee, when different from the buyer

5.2 Tax category (TaxRef/@cat, TaxBand/@cat)

Code	Meaning	Rate (NL)
S	Standard rate	21%
AA	Reduced rate (books and printed matter)	9%
Z	Zero rated	0%
AE	Reverse charge (intra-EU B2B)	0%, the buyer accounts for the tax

5.3 Units of measure (Qty/@uom)

Code	Meaning
KGM	Kilogram
TNE	Metric tonne
PCE	Piece
BG	Bag
LS	Lump sum (services, freight)
HUR	Hour

6. Example

A complete example message is supplied with this specification as NHX-2026-118734.xml.

7. Change history

Rev.	Date	Change
C	2026-09-15	Price basis attribute (Price/@basis) added; Ref kind ORIG for credit notes
B	2025-02-03	Bank details moved from Document to Party SE
A	2023-06-01	First issue