

FORTRAS BORD512 V100

MESSAGE EXAMPLES

ENGLISH



Version history

Document Version	Schema Version	Date	Comments
0	1.0	22-02-2023	Document created.

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This document contains examples of Cargo Manifest/ Shipping Order messages in Fortras BORD512 in release version 100, that can be provided by Blue Water Shipping.

1. General

In general, every segment starts with a segment header (a letter and a record number), apart from two special segments that don't follow this rule – document header and document trailer.

Document header starts with @@PH, followed by the format code, in this case BORD512. It also contains information about the sender and the recipient of the data and control reference, used to identify the message.

Document trailer @@PT indicates the end of the file.

There are also some other rules:

- each value in the record has a precisely fixed start and end position, which also means that the value cannot exceed the specified length,
- numerical values are brought up to their defined character length using leading zeros,
- non-numerical values are brought up to their defined character length using spaces added to the right of the actual value¹,
- dates and times are written without any separators, in formats: DDMMYYYY, HHMM, HHMMss,
- each segment (line) must end with a carriage return.

Some values in the examples are coded. The available values and their definitions can be found on BWS API portal.

¹ Filler characters can be omitted at the end of the line as a carriage return indicating the end of the line is used.

2. BORD512 Inbound Example

2.1. Example

This section contains a complete Fortras BORD512 message on the consignment level.

```

@@PHBORD512 0512003500107 5577551 885421
A00STD10020222215140          23032022L SE SAEEUR5485          86798663
FREIGHTOPERATOR                IT 21010   VITTUONE                 AD 9873
A10DD
9973
B00001SHPBLUESINO A.p.h. - Socio Unico Via delle Industrie, 195     IT 73350   AGRUZO
223344
B00001CONBLUNEIDER ELECTRIC A/S      KCRUP INDUSTRIVEJ 10       DK 4200   RINGATED
678912
D000010010012FP          GRANULO PLASTICO
00000000000000000000000100012001802160
F00001001220000500927
G0000120222273429          011184180F00Y00000000000000000
00100000000110EUR00000000025920060000000   00   Y
H00001502189456          61601012023
H10001001000 12=100x120 (6 LDM) ===== C.O.W. / D.O.W. =====
J00001000012011184180000000000000000000000000000000000000000000000000000000000000
Z00000000923032022172852
@@PT

```

2.2. Detailed explanation

This section contains a detailed explanation of the example presented in section 2.1.

@@PHBORD512 0512003500107 5577551 885421

This line specifies, that the format is BORD512. The second number is header control reference, specifying row length of 512 characters (should always be the same), where Sender and receiver group Id's are up to 7 characters long, the receiver Id should start at the position 35. Sender and receiver Group Ids are respectively 5577551 (Sender) and 885421 (Receiver). **(Contact BWS to get the relevant sender and receiver branches.)**

A00STD10020222215140 23032022L SE SAEUR5485 86798663
FREIGHTOPERATOR IT 21010 VITTUONE AD 9873

A00 is a header of the message, STD identifies the order as a delivery order, 100 is a release version, 20222215140 is manifest number, 23032022 indicated that the manifest was shipped on 23.03.2022, L indicates transport type is by road (truck). SE is a constant value identifying the product, as is SAE, which identifies what code list is being used. EUR indicates currency. 5485 is consignor Identification number, 86798663 is a consignee identification number. FREIGHTOPERATOR is a name of freight operator, that resides in Italy (IT) in 21010 Vittuone. The vehicle used for transport license plates are AD 9873.

A10DD 9973

This segment contains information loading unit, in this case DD 9973. This segment will not be handled by Blue water Shipping!.

B00001SHPBLUESINO A.p.h. - Socio Unico Via delle Industrie, 195 IT 73350 AGRUZO
223344

001 identifies the first address item in the order. The SHP identifies address as consignors address. The name on the address is Bluesino A.p.h – Socio Unico, located in Via delle Industrie, 195 in Italy(IT) with ZIP Code 73350 in Agruzo. The customer or partner Id for this address is 223344

B00001CONBLUNEIDER ELECTRIC A/S
678919

KČRUP INDUSTRIVEJ 10

DK 4200

RINGATED

001 identifies the first address item in the order. The CON identifies address as consignee address. The name on the address is BLUNEIDER ELECTRIC A/S, located in KČRUP INDUSTRIVEJ 10, in Denmark(DK) with ZIP Code 4200 in Ringated. The customer or partner Id for this address is 678919

D000010010012FP GRANULO PLASTICO
000000000000000000000000100012001802160

001 identifies the first consignment item in the order. Next 001 identifies first position in the consignment. Next, 0012 is a number of packages. FP identifies packaging type as Euro Pallet. GRANULO PLASTICO describes content of goods. The provided dimensions of the package are 0.1x0.12x0.18 meters with 2.160 cubic meters.

F00001001220000500928

001 identifies the first item in the order. Next 001 identifies first position in the consignment. 220000500928 is a barcode number for that position.

G000012022273429 011184180F00Y00000000000000000
00100000000110EUR00000000021600060000000 00 Y

001 identifies the first consignment item in the order. 2022273429 is a consignment number. Actual consignment gross weight is 11184,18 kg. delivery term is F00, indicating delivery at place, with direct delivery (Y). Material group is 001, with the goods value of 1,1 EUR.. 0 chargeable consignment weight, 21.6 cubic meters, 0.6 loading meters. There is 0 pallet locations and additional loading tools. Y indicates it is a direct pickup.

H00001502189457

61601012023

001 identifies the first consignment item in the order. 189457 is a customer reference number (as identified by the 502 code). 01.01.2023 is collect date, as identified by code 616.

3. BORD512 Outbound Delivery Example

3.1. Example

This section contains a complete Fortras BORD512 message on the consignment level.

```

@@PHBORD512 0512003500107 DKBOLD ITALVIS
A00STD1002247371 12092022L SE SAEDKKDK7000 5485
BLUE WATER SHIPPING DK 7000 DD 9970
B00001SHPBLURONE 31 RUE JULES MELOTTE BE 4350 REMICOURT
B00001CONBLUE EFFE SRL VIA SEMINARIO 1 IT 26100 Cremona
B00001NCOBLURONE 31 RUE JULES MELOTTE BE 4350 REMICOURT
B00001NDEBLUE EFFE SRL VIA SEMINARIO 1 IT 26100 Cremona
D000010010001FP LP6956680/172/679
00016100000000036801200080011501104004
F0000100100957127840014428555
D000010020001FP LP695681
00019900000000042901200080013401286004
F0000100200957127840016528562
G00001111116835 000360000F00N
001 02390008
H0000184612092022 1031 502189456 112
H10001000000 12=100x120 (6 LDM) ===== C.O.W. / D.O.W. =====000===
B00002SHPLaveto Markings Denmark A/S Byvej 2 DK 5900 RudkøbingSønder Longelse
B00002CONA & C Via Val della Torre n. 213 IT 10091 Alpignano
B00002NCOlaveto Markings Denmark A/S Byvej 2 DK 5900 RudkøbingSønder Longelse
4077440
B00002NDEA & C Via Val della Torre n. 213 IT 10091 Alpignano
D000020010001CC Premark
00009156800000016901100066007000508004

```


3.2. Detailed explanation

This section contains a detailed explanation of the example presented in section 2.1.

@@PHBORD512 0512003500107 DKBOLD ITALVIS

This line specifies, that the format is BORD512. The second number is header control reference, specifying row length of 512 characters (should always be the same), where Sender and receiver group Id's are up to 7 characters long, the receiver Id should start at the position 35. Sender and receiver Group Ids are respectively DKBOLD (Sender) and ITALVIS (Receiver). **(Contact BWS to get the relevant sender and receiver branches.)**

A00STD1002247371 12092022L SE SAEDKKDK7000 5485
 BLUE WATER SHIPPING DK 7000 DD 9970

A00 is a header of the message, STD identifies the order as a delivery order, 100 is a release version, 2247371 is manifest number, 12092022 indicated that the manifest was shipped on 12.09.2022, L indicates transport type is by road (truck). SE is a constant value identifying the product, as is SAE, which identifies what code list is being used. DKK indicates currency. DK7000 is consignor Identification number, 5485 is a consignee identification number. BLUE WATER SHIPPING is a name of freight operator, that resides in Denmark (DK) under zip-code 7000. The vehicle used for transport license plates are DD 9970.

B00001SHPBLURONE 31 RUE JULES MELOTTE BE 4350 REMICOURT

This address information lines refer to the first consignment (001). SHP identifies a consignor : Blurone residing in 31 Jules Melotte in Belgium (BE), 4350, Remicourt.

B00001CONBLUE EBBE SRL VIA SEMINARIO 1 IT 26100 Cremona

This address information lines refer to the first consignment (001). CON identifies a consignee : Blue Ebbe SRL residing in Via Seminario 1 in Italy (IT), 26100, Cremona.

B00001NCOBLURONE

31 RUE JULES MELOTTE

BE 4350

REMICOURT

This address information lines refer to the first consignment (001). NCO identifies a sending address as Blurone residing in 31 Jules Melotte in Belgium (BE), 4350, Remicourt.

B00001NDEBLUE EBBEE SRL

VIA SEMINARIO 1

IT 26100

Cremona

This address information lines refer to the first consignment (001). Line with NDE identifies a receiving address as Blue Ebbe SRL residing in Via Seminario 1 in Italy (IT), 26100, Cremona.

D000010010001FP LP6956680/172/679

0001610000000036801200080011501104004

001 identifies the first consignment item in the order. Next 001 identifies first position in the consignment. Next, 0001 is a number of packages. FP identifies packaging type as Euro Pallet. LP6956680/172/679 describes content of goods. 000161000 describes actual weight of the package as 161,000 kg. 000000368 is a chargeable weight, which is 0,368 kg The provided dimensions of the package are 1.2x0.8x1.15 meters with 1.104 cubic meters and 0,4 loading meters.

F0000100100957127840014428555

001 identifies the first consignment item in the order. Next 001 identifies first position in the consignment. 00957127840014428555 is a barcode number for that position.

D000010020001FP LP695681

0001990000000042901200080013401286004

001 identifies the first consignment item in the order. Next 002 identifies second position in the consignment. Next, 0001 is a number of packages. FP identifies packaging type as Euro Pallet. LP695681 describes content of goods. 000199000 describes actual weight of the package as 199,000 kg. 000000429 is a chargeable weight, which is 0,429 kg The provided dimensions of the package are 1.2x0.8x1.34 meters with 1.286 cubic meters and 0,4 loading meters.

F0000100200957127840016528562

001 identifies the first consignment item in the order. Next 002 identifies second position in the consignment. 00957127840016528562 is a barcode number for that position.

G0000111116835

000360000F00N

001

02390008

001 identifies the first consignment item in the order. 11116835 is a consignment number. Actual consignment gross weight is 360 kg. delivery term is F00, indicating delivery at place, without direct delivery (N). Material group is 001, with 0.239 cubic meters, 0.8 loading meters.

H0000184612092022 1031

502189456

112

001 identifies the first consignment item in the order. 846 code indicates fixed delivery date and time as 12.09.2022 at 10:31. 189456 is a customer reference number (as identified by the 502 code). 112 code specifies that nothing can be landed on top of the package

H10001000000 12=100x120 (6 LDM) ===== C.O.W. / D.O.W. =====000===

001 identifies the first consignment item in the order. 000 indicates later text as a delivery instruction.

B00002SHPLaveto Markings Denmark A/S

Byvej 2

DK 5900

RudkøbingSønder Longelse

This address information lines refer to the second consignment (002). SHP identifies a consignor : Laveto Markings Denmark A/S residing in Byvej 2 in Denmark (DK), 5900, RudkøbingSønder Longelse.

B00002CONA & C

Via Val della Torre n. 213

IT 10091

Alpignano

This address information lines refer to the second consignment (002). CON identifies a consignee : A & C residing in Via Val della Torre n. 213 in Italy (IT), 10091, Alpignano.

B00002NCO Laveto Markings Denmark A/S Byvej 2 DK 5900 Rudkøbing Sønder Longelse
4077440

This address information lines refer to the second consignment (002). NCO identifies a sending address as Laveto Markings Denmark A/S residing in Byvej 2 in Denmark (DK), 5900, Rudkøbing Sønder Longelse. Customer Id for this address is 4077440

B00002NDEA & C Via Val della Torre n. 213 IT 10091 Alpignano

This address information lines refer to the second consignment (002). Line with NDE identifies a receiving address as A & C residing in Via Val della Torre n. 213 in Italy (IT), 10091, Alpignano.

D000020010001CC Premark
0000915680000016901100066007000508004

002 identifies the second consignment item in the order. Next 001 identifies first position in the consignment. Next, 0001 is a number of packages. CC identifies packaging type as Collico. Premark describes content of goods. 000091568 describes actual weight of the package as 91,568 kg. 000000169 is a chargeable weight, which is 0,169 kg. The provided dimensions of the package are 1.1x0.66x0.70 meters with 0.508 cubic meters and 0,4 loading meters.

F0000200100957127840016517979

002 identifies the second consignment item in the order. Next 001 identifies first position in the consignment. 00957127840016517979 is a barcode number for that position.

G00002111716837 000091568F00N
001 00508004

002 identifies the second consignment item in the order. 111716837 is a consignment number. Actual consignment gross weight is 91,568 kg. delivery term is F00, indicating delivery at place, without direct delivery (N). Material group is 001, with 0.508 cubic meters, 0.4 loading meters.

4.2. Detailed explanation

This section contains a detailed explanation of the example presented in section 2.1.

@@PHBORD512 0512003500107 DKBOLD ITALVIS

This line specifies, that the format is BORD512. The second number is header control reference, specifying row length of 512 characters (should always be the same), where Sender and receiver group Id's are up to 7 characters long, the receiver Id should start at the position 35. Sender and receiver Group Ids are respectively DKBOLD (Sender) and ITALVIS (Receiver). **(Contact BWS to get the relevant sender and receiver branches.)**

A00ABH1002549355 24092022 SE SAEDKKDK7000 5485

A00 is a header of the message, ABH identifies the order as a pickup order, 100 is a release version, 2549355 is manifest number, 24092022 indicated that the manifest was shipped on 24.09.2022. SE is a constant value identifying the product, as is SAE, which identifies what code list is being used. DKK indicates currency. DK7000 is consignor Identification number, 5485 is a consignee identification number.

B00001SHPBluerva Omega Group Srl Via del Vetraio 36 IT 40138 Bologna

001 identifies the first address item in the order. The SHP identifies address as consignors address. The name on the address is Bluerva Omega Group Srl, located in Via del Vetraio, 36 in Italy(IT) with ZIP Code 40138 in Bologna.

B00001CONDanmarionale S.P.A. Via Portogallo 21 IT 41122 Modena

001 identifies the first address item in the order. The CON identifies address as consignee address. The name on the address is Denmarionale S.P.A., located in Via Portogallo 21, in Italy(IT) with ZIP Code 41122 in Modena.

B00001NCOBluerva Omega Group Srl Via del Vetraio 36 IT 40138 Bologna

This address information lines refer to the first consignment (001). NCO identifies a sending address as Bluerva Omega Group Srl, located in Via del Vetraio, 36 in Italy(IT) with ZIP Code 40138 in Bologna.

B00001NDEDenmarionale S.P.A.
4173197

Via Portogallo 21

IT 41122 Modena

This address information lines refer to the second consignment (002). Line with NDE identifies a receiving address as Denmarionale S.P.A., located in Via Portogallo 21, in Italy(IT) with ZIP Code 41122 in Modena. The customer or partner Id for that address is 4173197.

D000010010001CC merce varia
00003000000000008500600053008000254002

001 identifies the first consignment item in the order. Next 001 identifies first position in the consignment. Next, 0001 is a number of packages. CC identifies packaging type as Collico. Merce varia describes content of goods. 000030000 describes weight of the package as 30 kg. 000000085 is a chargeable weight, translated to 0.085kg. The provided dimensions of the package are 0.6x0.53x0.8 meters with 0.254 cubic meters with 0.2 loading meters

E000010010100000 1990 0000 Flammable
Aerosols
2 504 N

001 identifies the first consignment item in the order. 001 identifies a first position in the consignment. 010 is a GG release code. 0000 tells us number of packages (in this instance 0). 1990 is a UN number. Next 0000 is a multiplier. Flammable Aerosols is a description of the dangerous goods. 2 is a dangerous goods sample for major danger. 504 is a packaging group/classification code. N defines that this product does not have limited quantity.

F0000100100257127841752044379

001 identifies the first consignment item in the order. Next 001 identifies first position in the consignment. 00257127841752044379 is a barcode number for that position.

G00001111712020 000030000300N
00254002

001 identifies the first consignment item in the order. 111712020 is a consignment number. 000030000 is actual consignment gross weight as 30 kg. delivery term is 300, indicating ex works without direct delivery (N). There is 0.254 cubic meters, 0.2 loading meters.

