

Usergide MSC
INTTRA I-LINK bookings



Edifact D99B - bkg2 IFTMBF in V2.0





MSC Belgium n.v. is a maritime shipping agency founded and established in Antwerp, Belgium in 1999, as direct agents of the Mediterranean Shipping Company S.A. (MSC) of Geneva, Switzerland.

Upon the formation of MSC Belgium, the company took over the personnel of Deckers & Witz B.V.B.A., which was, at that time, acting as the agent of MSC S.A. in Antwerp since 1976.

MSC Belgium is regarded by its Principals as a **leading agent**,

together with the Port of Antwerp which is undoubtedly the port with the **highest strategic importance** for MSC.

This is due to the fact that 300 million of the World's **richest consumers** happen to live within 700 KM of the docks of Antwerp, due to Antwerp being the **main transshipment hub** for the global operations of MSC, and due to the sheer depth of **local expertise** available within MSC Belgium. MSC Belgium facilitates the transportation of containerised cargo to and from all **5 Continents with weekly scheduled sailings** and arrivals to and from the Port of Antwerp. Moreover, except the traditional shipping agency services, MSC Belgium offers today, via its intermodal partner, modern and innovative door-to-door **tri-modal services** (truck, rail, barge). Together with all its various partners and affiliates in Antwerp, MSC is a major contributor to the local economy, being one of the **biggest employers in the Port of Antwerp**.

INTTRA, founded in 2000 and headquartered in Parsippany, N.J., is a leading global provider of e-commerce solutions to ocean carriers and their customers. INTTRA professionals work with customers to streamline and standardize their shipping processes, applying their e-commerce knowledge of the shipping industry for customers in markets worldwide.

More than 260,000 container orders are initiated on the INTTRA platform each week, representing more than 10 percent of global ocean container trade.

INTTRA's e-commerce platform offers a comprehensive range of e-commerce tools, including: Tender, Sailing Schedules, Booking, Shipping Instructions, Bill of Lading, Track & Trace, and Reports. Accessing the INTTRA platform is simple, using any combination of their channel solutions: INTTRA-Link (EDI-based, system-to-system connection), INTTRA-Desktop (off-line PC application), or INTTRA-Act (web-based application).

INTTRA's carrier network includes, Alianza, ANL, CCL, CMA CGM, CSAV, CSAV NORASIA, Deutsche Afrika-Linien, Emirates Shipping Line, Hamburg Sud, Hanjin Shipping Co., Hapag-Lloyd, "K" Line, Libra, Maersk Line, MCC Transport Pte Ltd., MISC, Mitsui O.S.K. Lines, MSC Mediterranean Shipping Company S.A., NYK Line, Safmarine, Senator Lines, United Arab Shipping Company.

Dear Customer,

Thank you for your interest regarding electronic bookings.

A lot of other carriers and MSC are in alliance with the e-commerce platform INTTRA and that makes it possible for the customer to electronically exchange information regarding shipments towards us.

INTTRA provides 3 systems that offer the possibility to send electronic bookings and BL instructions.

Please find below more information regarding the I-LINK system from INTTRA

This documentation has as purpose to guide and assist you when implementing EDI bookings in the system using the INTTRA system I-LINK for MSC

The business rules are based on relevant information for the carrier MSC and therefore not all data that is mentioned in the user guide from INTTRA is applicable for MSC as carrier. Therefore a standardised user guide has been made for MSC's purpose only.

This user guide has been composed with the information gathered from the IFTMBF firm booking message - EDIFACT version D Release 99B - User guide version 2.0 from INTTRA

<http://www.intra.com/home/Assets/Guides/iftmbf.pdf>

For more information regarding the bookings module via I-LINK, or regarding a test trial please contact MSC Belgium, Awa Jobe, ajobe@mscbelgium.com or your sales representative at MSC Belgium.

Benefits of electronic data flow

- Improve data quality
- Save time
- Reducing manual errors
- Lower administrative costs
- Easier communication
- Streamline documentation en communication



IFTMBF structure version 2.0

The MSC system is built up per analogy of the below structure.

UNA c	service string advice
UNB m	Interchange header
UNH m	File type
BGM m	Beginning of message
CTA m	Contact information (IC)
COM m	communication contact (EM-FX-TE)
DTM m	date / time / period
TSR c	transport service requirements (feeder, on carriage,...)
FTX c	free text
GDS c	Nature of cargo
(group 1) LOC c location information	
LOC m	DTM c
(group 3) RFF c reference information	
RFF m	DTM C
(group 7) TDT c transport information	
TDT m	
(group 8) LOC c transport location information	
LOC m	DTM c
(group 10) NAD m party information.....	
NAD m	
(group 11) CTA c contact information	
CTA m	COM m

(group 14) CPI c charge payments instructions

CPI m

LOC C

(group 16) GID c goods information

GID m

PIA C

2x

FTX O (FTX+AAA)

(group 18) MEA c Air flow

MEA m

(group 19) DIM c Dimensions

DIM m

(group 20) RFF c References

RFF m

PIA C

(group 25) SGP c split goods

SGP m

(group 26) MEA c measurements

MEA m

(group 27) DGS c information dangerous goods

DGS m

FTX m

(group 28) CTA c contact information DGS

CTA m

COM m

(group 29) MEA c measurements dangerous goods

MEA m

(group 30) SGP c split goods

SGP m

(group 31) MEA c information split goods

MEA m

(group 32) EQD m information equipment								
EQD m	EQN m	TMD c	MEA c	DIM c	HAN c	TMP c	FTX c	RFFc

(group 33) NAD c information pick up, delivery, dropp of,....	
NAD m	DTM c

(group 34) CTA c contactinformation bookingparty (department)	
CTA m	COM c

UNT m end message (sum qualifiers)

UNZ m interchange trailer

Implementing IFTMBF into your system

When your company is ready to start implementing EDI (D99B) please keep in mind that *all data in bold* is not relevant for MSC and will not be processed in our system. This information will therefore not be visible for our booking desk. All other segments will be correctly processed, will be visible in our system and will be automatically inserted in the booking screen.

Detail of IFTMBF structure per segment

UNA	service string advice
UNB	interchange header (mandatory by INTTRA)
UNH	file type (mandatory by INTTRA)
BGM	beginning of message (mandatory by INTTRA)
CTA	contact information (mandatory by INTTRA)
COM	communication contact (mandatory by INTTRA)
DTM	date/ time / period (mandatory by INTTRA)
TSR	transport service requirements
FTX	free text (FTX+AAI)
GDS	nature of cargo

Group 1 LOC - DTM **Segment to indentify a location and date applying to the entire message**

LOC	
Location function code	qualifier
LOC+7	place of delivery
LOC+74	prohibited transshipment location
LOC+75	requested transshipment location
LOC+88	place of receipt
LOC+197	carrier's booking office

See INTTRA's user Guide for additional values p35

- Location name code
- Code list responsible agent code
- Location name
- Related place one identification
- Code list identification code
- Related place

DTM	
Date/ time period function code	qualifier
DTM+63	delivery time
DTM+196	departure date/ time (place receipt)

Group 3 **RFF - DTM**
Segment to express a reference which applies to the entire message

RFF

Reference function code qualifier

<i>RFF+AFG</i>	<i>freight tariff number</i>
RFF+AGB	contract party reference number
<i>RFF+AGE</i>	<i>reference number of the agent</i>
<i>RFF+AKG</i>	<i>vehicle identification number (VIN)</i>
RFF+ANT	consignee reference number
RFF+BM	bill of lading number
RFF+BN	booking reference number
RFF+CT	contract number
<i>RFF+EX</i>	<i>export license number</i>
RFF+FF	freight forwarder reference number
<i>RFF+LI</i>	<i>contract line item number</i>
RFF+ON	order number (purchase)
RFF+SI	shippers identifying number for shipment

DTM

Date/time/ period function code qualifier

DTM+36	expiry date for export licence number (RFF+EX)
DTM+182	issue date for export licence number (RFF+EX)

Group 7 **TDT - DTM**
Segment to indicate information related to a certain stage of transport, mode...

TDT

Transport stage code segment

TDT+10	pre carriage transport
TDT+20	main carriage transport
TDT+30	on carriage transport

See INTTRA's user Guide for additional values p46

- Transport accepted value codes
- Code specifying the name of a mode of transport
- Code specifying the means of transport
- Code list responsible agency code

Group 8 **LOC - DTM**
Segment to indicate a location and time related to leg of transport

LOC

Location function code qualifier

LOC+9	port of load
LOC+11	port of discharge

See INTTRA's user Guide for additional values p51

- Location name code
- Code list identification code
- Code list responsible agency code

DTM

Date/ time / period function code qualifier

DTM+132	arrival date
DTM+133	departure date

Group 10 NAD
Segment to identify the party name, address and function

NAD

Party function code qualifier

NAD+CA	carrier party details
NAD+ CN	consignee party details
NAD+CZ	shipper party details
NAD+FC	contract party details
<i>NAD+FP</i>	<i>freight payer details</i>
NAD+FW	freight forwarder details
<i>NAD+MR</i>	<i>message recipient details (notification)</i>
NAD+N1	notify party nr 1
NAD+N2	notify party nr 2
NAD+NI	notify party details
NAD+ZZZ	mutually defined

Group 11 CTA - COM
Segment to indentify a person or department within a party

CTA

Contact function code qualifier

CTA+IC	party contact details (booker)
CTA+NT	notification contact

COM

Communication number code segment

COM+EM	email address
COM+FX	fax number
COM+TE	telephone number

Group 14 CPI -LOC
Segment to identify default charge method

CPI

Charge category code

CPI+2	additional charges
CPI+4	basic freight
CPI+5	destination haulage charges
CPI+7	destination port charges
CPI+10	origin port charges
CPI+11	origin haulage charges

Prepaid/ collect indicator code

A	payable elsewhere
C	collect
P	prepaid

LOC

Location function code qualifier

LOC+57	place of payment
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Group 16 **GID - PIA - FTX**
Segment to identify a goods item for which transport has been undertaken

GID

Goods item number
Number and type of package
Package type description code

PIA

Product Id function segment
PIA+5 harmonised code

FTX

Text subject code segment
FTX+AAA goods description
FTX+CUS *customs declaration information*

Group 18 **MEA**
Segment to specify measurements, other than dimensions, to a goods item

MEA

Measurement function segment
MEA+AAE measurement

Measured function segment

MEA+AAE+AAW gross volume (kgm)
MEA+AAE+G gross weight (mtq)

Group 19 **DIM**
Segment to specify dimensions applicable to a goods item

DIM

Dimension function segment
DIM+2 *package dimensions*

MEA

Measurement unit code
DIM+2+FET *feet*
DIM+2+MTR *meter*

Group 20 **RFF - DTM**
Segment to indentify a reference to a goods item

RFF

Reference function code qualifier
RFF+ABW *stock keeping unit number*
RFF+AKG *vehicle identification number (VIN)*
RFF+EX *export license number*
RFF+ON *order number (purchase)*

Group 25 SGP
Segment to identify the equipment in which goods are transported (split good)

SGP
Equipment identification
Number of packages

Group 26 MEA
Segment to specify measurements of that portion of the goods item in the equipment

MEA
Measurement function segment
MEA+AAE measurement

Measured function segment
MEA+AAE+AAW gross volume (kgm)
MEA+AAE+G gross weight (mtq)

Group 27 DGS - FTX
Segment to indicate the class of dangerous goods, package group...

DGS
Dangerous goods regulations code
DGS+IMD imo imdg code (cel)

See INTTRA's user Guide for additional values p92

- Hazard code identification
- UNDG information
- Dangerous goods flashpoint
- Measurement unit code
- Packing group (coded)
- EMS number

FTX
Text subject code segment
FTX+AAC dangerous goods additional information (ihl, ldd, np, pp, sld)
FTX+AAD dangerous goods technical name (psn, tlq, tn)
FTX+AEP radioactive goods, additional information
FTX+HAN handling instructions
FTX+HAZ hazard information
FTX+PKG packaging information
FTX+REG regulatory information

See INTTRA's user Guide for additional values p96

- Text reference coded
- Free text value code
- Code list identification code

Group 28 CTA + COM
Segment to identify a person or department regarding dgs good

CTA
Contact function segment
CTA+HE emergency dangerous contact name

COM
Communication number code segment
COM+TE emergency dangerous contact telephone number

Group 29 MEA
Segment to indentify dangerous goods measurements

MEA
Measurement function segment
MEA+AAE measurement

Measured function segment
MEA+AAE+AAF net weight
MEA+AAE+AAX net volume
MEA+AAE+AEO radioactivity
MEA+AAE+ZZZ mutually defined

Group 30 SGP
Segment to identify the equipment in which the dgs good are transported

SGP
Equipment identification
Number of packages

Group 31 MEA
Segment to indentify dangerous goods measurements in that equipment

MEA
Measurement function qualifier
MEA+AAE measurement

Measured function qualifier
MEA+AAE+AAF net weight
MEA+AAE+AAX net volume

Group 32 EQD - EQN - TMD - MEA - DIM - HAN - TMP - FTX - RFF
Group of segments to specify details in which goods are transported

EQD

Equipment type code segment
 EQD+CN container

See INTTRA's user Guide for additional values p111

- Equipment size, type description code list identification code
- Equipment supplier coded
- Equipment status code

EQN

Unit type code segment
 EQN+1:2 transportable units (container)

TMD

Movement type description
 TMD+3 fcl/fcl (movement type full container load)
 TMD+4 fcl/lcl (movement type less than container load)

See INTTRA's user Guide for additional values p114

- Haulage arrangements coded

MEA

Measurement attributes segment code

AAE+AAL total net weight of commodity in container
 AAE+AAO humidity per container
 AAE+AAS airflow per container
 AAE+AAX Total volume of commodity in the container
 AAE+ZC carbon dioxide gas level
 AAE+ZN nitrogen gas level
 AAE+ZO oxygen gas level

DIM

Dimension segment

DIM+9 off standard dimension information (length, width, height)

HAN

Handling instructions coded
 HAN+NAR non active reefer

TMP

Temperature segment
 TMP+2 transport temperature (CEL)

FTX

Text subject code segment

FTX+AEB temperature control instructions
 FTX+AGK description of equipment
 FTX+CUS customer declaration information
 FTX+HAN handling instructions
 FTX+SSR special service request

RFF

Reference function code qualifier

RFF+AEF customer load reference
 RFF+AKG vehicle identification number (VIN)
 RFF+ON order number (purchase)

Group 33 NAD - DTM
Segment to specify pick up and drop off address and time

NAD

Party function code qualifier

NAD+CK requested empty container pick up location

NAD+CL intermediate export stop off location

NAD+EV subcontractor

NAD+SF shipped from (door location)

NAD+ST shipped to (door location)

DTM

Date/time/ period function code qualifier

DTM+2 delivery date full container

DTM+181 positioning date of empty container at door location

DTM+200 pick up date of equipment

DTM+393 pick up date of empty equipment

DTM+396 positioning date stop off location

Group 34 CTA - COM
Segment to specify a contact name and communication associated with a specified equipment

Contact function code

CTA+AO equipment contact name

Communication contact

COM+EM contact email

COM+FX contact fax number

COM+TE contact telephone number

UNT message trailer

UNZ interchange trailer