MANIFEST TRANSMISSION FILE

MANIFEST DATA INTERCHANGE MANUAL

FOR

IGNAZIO MESSINA & C.

AGENCIES

(MESSINA PROPRIETARY FORMAT)

INDEX

APPENDIXES

A. INTRODUCTION

This transmission File will be used for sending Manifest information from the Port of Loading Agents to I.Messina Headquarter for all Bills of Lading issued as I.Messina Agent.

This transmission File will also be used for sending Manifest information from Port of Loading Agents (including I.Messina Headquarter when acts as Agent) to those Agencies able to accept transmission File and generate a print manifest with their own computer program.

Coordinating Offices will collect Manifests for the departure of the Vessel from other Agencies in the coordinated Area and then will transmit whole Manifest Transmission File to Headquarter.

Vice versa will be done for incoming Vessel. Coordinating Offices will receive whole Manifest Transmission File from Headquarter and will deliver Manifest File or Printed Manifest to Agencies in the coordinated Area.

B. MANIFEST TRANSMISSION FILE - RECORD STRUCTURE.

Records have a maximum length 300

HDR	Internal Header Record	1 per File
VOY	Header record	1 per Vessel/Voyage
POL	Port of Loading record	1 per Loading Port
VAL	Currency Exchange record	1 per Currency
MAN	Manifest record	1 per Discharging Port/Final Destination
BL1	Bill of Lading record 1	1 per B/L
BL2	Bill of Lading record 2	1 per B/L (optional)
IST	Bill of Lading Instructions (printed on B/L)	1 per B/L
STM	Stamp in B/L	1 per B/L
SH1-3	Shipper record	1 to 3 per B/L
CO1-3	Consignee record	1 to 3 per B/L
NF1-3	Notify record	1 to 3 per B/L
CNT	Container record	1 per unit or cargo
ITE	Item record	1 per cargo item
CHG	Freight & Charge record	1 per freight item
TCH	Total Freight Manifest record	1 per Man Freight item
TCN	Total Quantity Manifest record	1 per Manifest
END	End of Manifest Transmission File	1 per File

EXAMPLE OF RECORD STRUCTURE

VOY	(first vessel/voyage)
POL	(first port of loading)
VAL	(first currency)
VAL	(second currency)
MAN	(first manifest beginning)
BL1	(first B/L)
BL2	
SH1	(Shipper description, 8 rows)
CO1	(Consignee description, 8 rows)
NF1	(Notify description, rows 1-8)
NF2	(Notify description, rows 8-16)
CNT	(first container or cargo group)
ITE	(first item description and/or quantities)
ITE	
CHG	(charge for previous item/s)
CNT	(three containers for other items)
CNT	
CNT	
ITE	(item/s into previous three containers)
ITE	
CHG	(charge for previous item and/or whole B/L)
CHG	
CHG	
BL1	(second B/L beginning)
TCH	(first manifest freight charge total)
TCH	
TCN	(first manifest quantity total)
MAN	(second manifest beginning)
END	(last record of file transmission)

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C. MANIFEST TRANSMISSION FILE - CODING LIST.

Code Tables to be used in records for Manifest transmission file.

Ref.	Description	
A	Vessel Codes	(www.messinaline.it)
B	Port and Location codes.	(www.messinaline.it)
C	Currency codes	Appendix II
D	Country codes	(Please refer to UN/LOCODE coding standards for Countries)
E	Container type codes	Appendix II
F	Commodity codes	(www.messinaline.it)
G	Freight charge codes	(www.messinaline.it)
H	Calculation Basis codes	Appendix II
I	Kind of Packages	(www.messinaline.it)

Gruppo Messina

D. MANIFEST TRANSMISSION FILE - DATA FIELD DEFINITION.

Type   **A**lpha / **N**umeric
M/O   **O**ptional / **M**andatory / mandatory if **E**xist
Len   Field length

All numeric field will be left adjusted with leading zeros.

0.Internal Header Record (HDR).

This Record is for internal use only and has not to be transmitted.

From	To	Len	Type	M/O	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'HDR'	
004	023	20	A	O	Message Type (Ex: IFTMIND97AUN)	
024	036	13	A	O	Sender	
037	049	13	A	O	Receiver	

1. Header Record (VOY).

This is the first record of the voyage into the transmission file

From	To	Len	Type	M/O	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'VOY'	
004	005	2	N	E	Year which Voyage belongs to	
006	008	3	N	E	Voyage Number	
009	010	2	A	O	Vessel Code	A
011	030	20	A	E	Vessel Name	
031	055	25	A	E	Name of the Master	
056	063	8	N	M	Transmission Date ddmmyyyy	
064	067	4	N	M	Transmission Time hhmm	
068	068	1	A	M	Transmitted By C:Comtext I:Intesa,N:Internet/Ftp	
069	069	1	A	E	Transmitted From - Type Code (C=Client Code , A=Agent Code	
070	074	5	A	E	Transmitted From Code	
075	075	1	A	E	Transmission type, W= WayBill, D=Cargo Manifest, F=Freight and Cargo Manifest, E=ENS, I=B/L Instructions	

2. Port of Loading Record (POL).
One record per Port of Loading of the Voyage.

From	To	Len	Type	M/O	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'POL'	
004	006	3	A	M	Port of Loading code	
007	007	1	N	O	Only if this is a second call	
008	015	8	N	E	Sailing date (DDMMYYYY)	
016	017	2	A	E	Local Currency Code	C
018	037	20	A	O	Port of Loading Description	
038	039	2	A	M	Base currency exchange rate	C
040	087	48	A	E	Port of Loading Description (if more than 20 Character long)	

3. Manifest Record (MAN).
One record per each Port of Discharging / Final Destination from Loading Port.

From	To	Len	Type	M/O	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'MAN'	
004	006	3	A	M	Port of Discharging code	B
007	009	3	A	O	Prosecution or Final dest.code	B
010	010	1	A	O	Manifest Suffix, default=0	
011	030	20	A	O	Port of Discharging Description	
031	050	20	A	O	Port of Prosecution Description	
051	056	06	A	O	Feeder Voyage number(YYNNNN)	
057	111	55	A	E	Port of Discharging Description (Matrici INT)	
112	112	1	A	O	EDI flag (Internal use only)	

4. **Bill of Lading record (BL1).**
One record per Bill of Lading into the Manifest.

From	To	Len	Type	M/O	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'BL1'	
004	011	8	A	E	Bill of Lading Number (right adjusted)	
012	014	3	A	O	Place of Issue code	B
015	030	16	A	M	Place of Issue name	
031	038	8	N	M	Date of Issue (DDMMYYYY)	
039	039	1	A	M	Type of Payment (P=Prepaid C=Collect F=Free Freight)	
040	042	3	A	M	Place of Payment code	B
043	044	2	N	M	Number Original	
045	046	2	N	M	Number Not Negotiable Copies	
047	047	1	A	M	B/L Type (Blank=normal, T=Through B/L,O=Service, W=Way Bill, S=Short Shipped)	
048	050	3	A	O	Booking Agency	B
051	060	10	A	O	Booking Number	
061	065	5	A	O	Forwading Agent code (Italian Agency only)	
066	068	3	A	O	Production Agency	B
069	078	10	A	O	Contract Number Reference	
079	079	1	A	O	Haulage condition M=Merchant , C=Carrier	
080	080	1	A	O	Supplementary S=Supplementary B/L	
081	130	50	A	O	Text field (Notes)	
131	150	20	A	O	Special Clauses	
151	181	31	A	O	External References (Document Identification)	
182	186	5	A	O	C/O Code (Italian Agency only)	
187	188	2	N	O	Number of Original to be printed in GOA	
189	213	25	A	O	Special Provision	
214	216	3	A	O	Flag Stampe(internal use only) 1.2.3 1. BL Original to be printed 2. BL Original already printed 3. BL Copies to be printed	
217	224	8	A	E	Unique B/L Number assigned (internal use only)	
225	225	1	A	E	B=Goods On Board	
226	228	3	A	E	Place where Original must be printed	
229	276	48	A	E	Description of Port of Loading	
277	329	53	A	E	Description of Port of Discharge	

5. **Bill of Lading additional record (BL2).**
If required, one additional record per Bill of Lading into the Manifest.

From	To	Len	Type	M/O	Description	Coding.Ref.
001	003	3	A	E	Record Identifier, always 'BL2'	
004	008	5	A	O	Shortshipped from voyage (aavvv)	
009	028	20	A	O	Transhipment from vessel name	
029	033	5	A	O	Transhipment from voyage (aavvv)	
034	036	3	A	O	Transhipment from Port	B
037	044	8	A	O	Transhipment from B/L	
045	047	3	A	O	Place of Acceptance code	B
048	080	33	A	O	Place of Acceptance name	
081	083	3	A	O	Final Destination code	B
084	116	33	A	O	Final Destination name	
117	124	8	A	O	See B/L number	
125	129	5	A	O	Original Voyage (aavvv)	
130	132	3	A	O	Original Loading Port	
133	140	8	A	O	Original BL number	
141	141	1	A	O	Acceptance by (R=Rail T=Train)	
142	149	8	A	O	Sailing Date from port of origin	

5.1 Bill of Lading Instructions (IST).

If required, Instructions records (from 01 to 99 max) to be printed only on Bill of Lading.

From	To	Len	Type	M/O	Description	Coding.Ref.
001	003	3	A	E	Record Identifier, always 'IST'	
004	005	2	N	E	Records Sequence Number	
006	080	75	A	E	Instructions or Notes for Bill of Lading	
081	081	1	A		P=Notes for Bill of Lading, M=Notes in Manifest	

5.2 Bill of Lading Stamp (STM).

If required, describe the stamp to be printed in Bill of Lading.

From	To	Len	Type	M/O	Description	Coding.Ref.
001	003	3	A	E	Record Identifier, always 'STM'	
004	006	3	A	E	Stamp identifier	
007	008	2	N	E	Records Sequence Number	
009	072	64	A	E	Row Stamp description	

6. Party record (SH1-3, CO1-3, NF1-3, FWD).

Each party can be described with 3 records at maximum. Each record contains 8 rows. Record 1 contains rows 1 to 8, record 2 contains rows 9 to 16, record 3 contains rows 17 to 24. Must be sent so many records as needed to fit all rows (minimum 1 record for 8 rows, maximum 3 records for 24 rows).

From	To	Len	Type	M/O	Description	Coding Ref.
001	003	3	A	M	SH1-3 for Shipper; CO1-3 for Consignee; NF1-3 for Notify	
004	008	5	A	E	Customer code (local code)	
009	010	2	A	O	Country code	D
011	043	33	A	E	Customer description	
044	076	33	A	E	Customer description	
077	109	33	A	E	Customer description	
110	142	33	A	E	Customer description	
143	175	33	A	E	Customer description	
176	200	25	A	E	Customer Coded (Booking or TIN) Identifier	
201	233	33	A	E	Customer description	
234	266	33	A	E	Customer description	
267	299	33	A	E	Customer description	

Previous format (SHI, CON, NF1,NF2) will continue being accepted.

Please refer to Release Notes and Appendix I (Notes for Use) for special instructions concerning Customs Entry Summary Declaration (ENS).

7. Container record (CNT).

This record is used for describing the container or truck or car or breakbulk group into the B/L.

From	To	Len	Type	M	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'CNT'	
004	006	3	N	M	Container Sequence Number into B/L	
007	007	1	A	M	Type of Cargo (C / G / A / R / M / T / S)	see table on this page
008	009	2	A	E	Type of Cargo Move (FF /FL if cargo "C", LL/LF if cargo "G", MM if empty container, AL)	see table on this page
010	022	13	A	E	Unit Number (i.e. LMCU1234567) (if cargo "C" or "G"), Chassis (i.e. CH:1234567) (if cargo "A" or "R")	
023	024	2	N	E	Container Size 20/40 (if cargo "C" or "G" or "S")	
025	028	4	A	E	Container type (if cargo "C" or "G" or "S")	E
029	032	4	N	E	Container tare (if cargo "C" or "G" or "S")	
033	042	10	A	E	Seal Number (if cargo "C")	
043	052	10	A	E	Second Seal Number (if cargo "C")	
053	057	5	A	E	IMCO Code	
058	097	40	A	O	Note for dangerous Cargo	
098	101	4	A	E	IMO Class	
102	107	6	A	E	UNDG Code	
108	111	4	A	O	IMO Page	
112	115	4	A	O	Inland Depot	
116	123	8	A	O	Inland Transport Date (YYYYMMDD)	
124	133	10	A	O	Inland Transport Reference Number	
134	134	1			Filler	
135	135	1	A	E	Shippers Own	
136	141	6	N	O	Total Documental Weight (no tare)	
142	147	6	N	O	Total Gross Weight (with tare)	
148	148	1	A	E	Short Shipped Cargo "S"	
149	155	4.3	N	E	Volume in Cubic Meter	
156	159	4	A	O	Container ISO Code	
160	169	10	A	O	Booking number	
170	174	5	N	E	Unit Tare (when tare > 9999 Kos)	
175	177	3	N	E	Temperature Required (Static or Min.)	
178	185	8	A	O	Harmonized System Commodity Code	
186	205	20	A	E	Booking Reference (for heterogeneous booking systems)	
206	208	3	N	E	Maximum Temperature Required	
209	209	1	A	E	Refrigerated Unit is Power Serviced (Y/N)	
210	212	3	N	E	Extra Length	
213	215	3	N	E	Extra Width	
216	218	3	N	E	Extra High	
219	248	30	A	M	VGM responsible	
249	249	1	N	E	Parts Number	
250	257	8	A	E	See B/L Number	

CNT Type of Cargo Codes

Code	Description
A	Auto
lC	Containerized
R	Ro/Ro
M	Breakbulk
G	Groupage
S	Containerized for Ship's Convenience

CNT Cargo Move Codes

Code	Description	Cargo type
FF	FCL/FCL	C
FL	FCL/LCL	C
LF	LCL/FCL	G
LL	LCL/LCL	G
MM	EMPTIES	C
AL	OTHER	A, R, M , S

8. Item record (ITE).

This record is used for each item belonging to container or group settled with CNT record. It is repeated as many time as needed. Different item sequence numbers separate items.

Each item may have several records describing it (Marks & Numbers and Description of goods) but only one can have filled quantity fields.

From	To	Len	Type	M	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'ITE'	
004	006	3	N	M	Item sequence number	
007	008	2	N	M	Progressive record number in this item	
009	023	15	A	O	Marks & Numbers	
024	055	32	A	O	Description of Goods	
056	060	5	A		Filler	
061	066	6	A	O	Harmonized System Commodity Code	
067	071	5	A	E	Messina Commodity Code	
072	077	6	A	E	Kind of packages	
078	079	2	A		Filler	
080	085	6	N	E	Number of packages	
086	091	6	N	E	Weight in Kilos (see pos.128-136)	
092	098	4.3	N	E	Volume in cubic metres	
099	108	10	A	O	Booking No. (if different for this item)	
109	110	2	A	O	Origin Country Code	
111	112	2	N	E	Decimal part of the Weight. If the Weight in Kilos has decimal digits, they must be put here (see 128-136)	
113	117	5	N	O	Measure Length (in Centimetres)	
118	122	5	N	O	Measure Width (in Centimetres)	
123	127	5	N	O	Measure Height (in Centimetres)	
128	136	7.2	N	O	Weight in Kilos. To avoid overflow and decimal loss weight can be repeated in this field	
137	153	17	A	O	Marks & Numbers (when row is 17 char long) **	
154	159	6	N	M	Number of packages for Customs purposes	
160	165	6	A	M	Kind of packages for Customs purposes	

** Note on field usage:

when generating the 1st ITE record within a CNT segment for RO/RO cargo ,
this field must contain the chassis number of the unit identified in the CNT record

9. Charge and Freight record (CHG).

From	To	Len	Type	M	Description		Coding Ref.
001	003	3	A	M	Record Identifier, always 'CHG'		
004	006	3	N	M	Item sequence number		
007	008	2	N	M	Progressive record number		
009	012	4	A	M	Freight Charge Code		G
013	014	2	A	M	Currency Code		C
015	025	8.3	N	M	Freight basis (unit)		
026	036	8.3	N	M	Freight Rate		
037	037	1	A	E	Basis of Calculation code		H
038	048	9.2	N	M	Freight Amount		
049	049	1	A	E	Amount sign (Minus "-" for negative)		
050	050	1	A	M	Paid or Due Indicator (P=Prepaid C=Collect, X=Only Exposed)		
051	053	3	A	M	Place of payment		B
054	058	5	A	E	Payer Code (for Italian Agencies only)		
059	068	10	A	E	Invoice number (for Italian Agencies only)		
069	076	8	A	E	Invoice Date (YYYYMMDD)		
077	080	4	A	M	Type of Cargo (see table) (for Italian Agencies only) **		
081	086	6	A	O	UN/ECE Code		
087	116	30	A	O	Charge Description		

**Note for Italian Agencies only.
Freight lines should be sent divided by Type of cargo they refer to.
Type of cargo is 4 chars long (left justified) and it is composed of Type of cargo (like that one in CNT record) plus a major detail for container size and type.

CHG Type of Cargo Codes

Code	Description
A	Auto
T	Trailer
R	Ro/Ro
M	Break bulk
G	Groupage
C2xx	20 Cntrs (xx Type Code as per table E)
C4xx	40 Cntrs (xx Type Code as per table E)

10. Total Manifest Charge & Freight record (TCH).

At the end of manifest, one record per freight item and currency appearing in the manifest with grand totals for prepaid and collect.

From	To	Len	Type	M	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'TCH'	
004	006	3	A	M	Port of Loading code	B
007	009	3	A	M	Port of Discharging code	B
010	012	3	A	E	Port of Prosecution or Final Destination code	B
013	014	2	N	M	Progressive record number for this Manifest	
015	018	4	A	M	Freight Item Code	G
019	020	2	A	M	Currency Code	C
021	031	9.2	N	M	Freight Amount Prepaid	
032	042	9.2	N	M	Freight Amount Collect	
043	043	1	A	O	Amount Sign (Minus '-' if negative)	
044	045	2	A	E	Filler	
046	056	11	N	E	Invoice Freight Amount (Italian Agencies only)	

11. Gross Total Manifest record (TCN).

At the end of Manifest, one record with grand totals.

From	To	Len	Type	M	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'TCN'	
004	006	3	A	M	Port of Loading code	B
007	009	3	A	M	Port of Discharging code	B
010	012	3	A	E	Port of Prosecution or Final Destination code	B
013	016	4	N	E	Total 20 Containers (for "C" cargo)	
017	020	4	N	E	Total 40 Containers (for "C" cargo)	
021	024	4	N	E	Total 20 Containers (for "G" cargo)	
025	028	4	N	E	Total 40 Containers (for "G" cargo)	
029	036	8	N	E	Total Weight Kilos (for "G" cargo)	
037	044	8	N	E	Total Weight Kilos (for "M" cargo)	
045	052	8	N	E	Total packages (for "R" cargo)	
053	060	8	N	E	Total packages (for "A" cargo)	
061	068	8	N	E	Total packages (for "T" cargo)	

12. End of File record (END).

At the end of manifest, one record with grand totals.

From	To	Len	Type	M	Description	Coding Ref.
001	003	3	A	M	Record Identifier, always 'END'	
004	008	5	N	M	Number of Record in this File (this one included)	

APPENDIX I

Note for use.

Cars, Ro/Ro, Trailers stowed in Container for Ship Convenience

In case of Car, Trailer or Ro/Ro cargo stowed in container for *Ship Convenience*, you must fill 1 record CNT with all information of container and Type of Cargo "**S**".

For each item stowed, you must fill 1 record ITE with the MARK of Item in the field *Marks & Numbers* and the field *Kind of Packages* must contain the type of cargo with the coding specified in the follow table.

Coils or Wood as break bulk or in container

In case of *Steel Coils* or *Wood*, if is stowed in container for *Ship Convenience*, follow the rule above for the container CNT record. For the item (ITE) you must fill 1 ITE record for each *Coils* or *Bundles* with the MARKS in the field *Marks & Numbers* and the Weight/Volume.

Kind of Package	Description
CAR	Car cargo
RORO	Ro/Ro cargo
TRAI	Trailer cargo
COILS	Coils cargo
WOOD	Wood Cargo

Short-Shipped B/L.

1. If goods is totally short shipped and B/L has not yet been delivered to client, B/L must be completely annulled and it will be issued with new ship and voyage.

2. If goods is totally short shipped and B/L has been delivered to client, B/L maintains its calculation but it must have a short shipped flag 'S' in B/L Type in record BL1. The reissued B/L in new ship and voyage will be free of freight (Type of Payment 'F') and will have note of original voyage (short shipped from voyage and original B/L in record BL2).

3. If goods is partially short shipped, it will be decided if making two B/Ls or one only. In first case B/Ls are issued covering each load. In second case, only goods not loaded must be declared as short shipped just with a flag 'S' in short shipped field of record CNT.

See Bill of Lading..

If B/L refers to another B/L, the last one must be indicated in the field 'See B/L number' in record 'BL2'.

Bill of Lading Parties record (SH1-3, CO1-3, NF1-3)

Effective October 1st 2010, following logic is available to commence testing on ENS related transmittal of parties information:

- Shipper, Consignee and Notify Party data for manifest and Bill of Lading issuance should continue to be transmitted as usual.
- Parties data for ENS transmission will have to be transmitted by means of same record types. The issuing office can add the information in the way shown in the tow samples here below:

?	<ENS>	<ENS>
SAMPLE SHIPPER LTD LINE	SAMPLE SHIPPER LTD LINE	SAMPLE SHIPPER LTD LINE
SAMPLE ADDRESS LINE	SAMPLE ADDRESS LINE	SAMPLE ADDRESS LINE
9999999 SAMPLE CITY (XX)	9999999 SAMPLE CITY (XX)	9999999 SAMPLE CITY (XX)
	<ENS/>	

Messinaline will acquire the contents after the ? (question mark) tag or between the <ENS> and <ENS/> tags and will process them only for the purposes of generating the information required by EC Customs in the ENS transmission. Note: the closing tag is not mandatory
Any content after the above opening tags would not be used for either Manifests or Bills of Lading.
These details must be entered according to the below format:

<ENS> or ? opening tag
1st line must contain Company Full Style (up to 33 characters)
2nd line must contain Company's address (up to 33 characters)
3rd line must contain Zip code, City and country code between brackets () these three elements should be separated by a space character
<ENS/>closing tag *(not mandatory)*

The above format would reflect in parties records as shown in the below sample on Shipper data
(NOTE same format/rules apply to Consignee and Notify Party) :

From	To	Description	Contents
001	003	SH1-3 for Shipper; CO1-3 for Consignee; NF1-3 for Notify	SH1
004	008	Customer code (local code)	
009	010	Country code	IT
011	043	Customer description	Ignazio Messina & C. SpA
044	076	Customer description	Via D'Annunzio 91
077	109	Customer description	16121 Genova Italy
110	142	Customer description	<ENS> or ?
143	175	Customer description	Ignazio Messina & C. SpA
176	200	Empty (filler)	
201	233	Customer description	Via D'Annunzio 91
234	266	Customer description	16121 Genova (IT)
267	299	Customer description	<ENS/> (or blank value)

```
BL1G0000000450GENOA          18012010P45003060        XXXXX   ..............................
SH1    IGNAZIO MESSINA & C. SPA      VIA D'ANNUNZIO 91            16121 GENOA (IT)           <ENS>
IGNAZIO MESSINA & C. SPA      VIA D'ANNUNZIO 91            16121 GENOA (IT)          <ENS/>
CO1    sample consignee.........................................................
CO2    <ENS>          sample consignee...............................................<ENS/>
NF1    sample notify party......................................................
NF2    ?          sample notify party ..............................................
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The above implementation should be completed by all Agents and Offices within November 1st, 2010 in order Messinaline can start a scheduled testing cycle, which includes all concerned offices and EC Customs, to identify/clear any bugs/issues before the deadline enforced by European Community Law (January 1st, 2011).

Non compliance with the required specs or failure to meet the deadlines will result in consequent non adherence with European Community Customs requirements and thus impossibility to obtain the necessary authorizations to load the cargo at the port of loading.

Record Container CNT.

This record contains type of cargo information and how goods is packaged for the items defined by the ITE records following the CNT record.
Those data are not printed directly on B/L, but they are useful to identify how shipment takes place and which are goods features. They can even do not appear in description of goods in B/L, but they must be known to manage in right way all aspects for goods delivery.

Container Number code
Container number of record CNT (13 char) can be formatted in different way, in example:

L	M	C	U		1	2	3	4	5	6	/	7
L	M	C	U			1	2	3	4	5	6	7
L	M	C	U		1	2	3	4	5	6	-	7
L	M	C	U		1	2	3	4	5	6		7

Programs have to know that last right digit is always check digit and it can be separated by blank, '/' or '-' from number or it cannot.

Type of Cargo
C   Container
A   Cars
R   RO-RO
T   Trailer
M   Break bulk (not containerized)
G   Groupage
S   Ship Convenience

When Type of Cargo is Container, Groupage or Ship Convenience a container number and its features must be always specified.

For Cars shipped in Ship Convenience Containers or Groupage Containers, it can be used a new way to make EDI records just to avoid the lack of information for used containers.

Record CNT must be filled with container number where car has been stowed.

The subsequent ITE record should identify the car:
- in the marks and number chassis number or number plate must be indicated (chassis up to 17 chars should be replicated in the relevant field for chassis),
- number of packages is set to 1,
- kind of packages is set to 'CAR',
- in the description of goods there is the model name,
- in commodity code there is a detail of '01000' (automotive),
- weight is provided as usual.

This new structure, enabling to identify car at item level, can also be used for car alone (not stowed into container).

Until now each car must be declared by a record CNT with chassis number followed by a record ITE describing it. Now there is a new possibility for declaring cars (the old one is always valid).

Record CNT only says that type of cargo is car ("A") and it is followed by as many records ITE as how many cars are in the B/L. ITE record is filled in the same way above described for ship convenience.

Item Record ITE.

It must be possible print B/Ls and manifest from ITE records in the same format and aspect they were printed at issuing location.

ITE records must describe goods in the same exact way it appears in printed B/L. There is one only exception for stamps as they are in separate records 'STM'.

Each record relates to one row in B/L body and may contain:
1. Marks & numbers
2. Number of packages
3. Kind of packages
4. Description of goods
5. Weight
6. Measurement

Everything which is inserted in above fields must reflect exactly the contents which were printed in B/L.

Each row of B/L body must be reflected in one ITE record, blank rows included.

Fields alignment and aspect in the B/L body depend only on which fields were filled.
Commodity code must be inserted in ITE record having weight.
If container tare is not included in goods weight and must be separately shown, it should have the word "TARE" in description.
Container number or chassis number/number plate must be inserted in marks. Same row should contain number of packages = 1, type of packages "CNTR" if full container, "CAR" if car, "RO/<RO" if RO-RO cargo, "TRAI" if trailer cargo.

Special notes concerning ENtry Summary Declaration (ENS)

Effective October 1st 2010, the fields :

From	To	Len	Type	M	Description
072	077	6	A	E	Kind of packages
080	085	6	N	E	Number of packages

should be intended as :

From	To	Len	Type	M	Description
072	077	6	A	E	Kind of packages (printed on BL & Manifest)
080	085	6	N	E	Number of packages (printed on BL and Manifest)

meaning that the above fields reflect the contents of the corresponding columns on the Bill of Lading and Manifest forms.

The below listed newly added fields must be **mandatorily** used in order to accommodate the information required by EC Customs in ENS:

From	To	Len	Type	M	Description
154	159	6	N	E	Number of packages for Customs purposes
160	165	6	A	E	Kind of packages for Customs purposes

For containerized cargo or cargo unitized on top of trailers the above fields will contain the details of packages in the container or loaded on the trailer, while for non containerized cargo, these will have to contain same quantities and kind listed on the B/L.

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Example for B/L with different type of cargo.

Container full 20 box

Rec.Id	Seq.CNT	Cargo	Move	Unit Number	Size	Type	Gros Wgt	…………
CNT	1	C	FF	LMCU 12345/6	20	BOX	7600	

Rec.Id	Seq.CNT	Seq.ITE	Marks	Quant	Kind	Description of goods		Weight	Comdty
ITE	1	1	LMCU 12345/6	1	CNTR	SAID TO CONTAIN:	TARE	2600	
ITE	1	2	SEALED BY SHIPPER		20BX	2 PACKAGES USED TEXTILE MACHINE		5000	10000
ITE	1	3	WITH N.M134172						
ITE	1	4							

Container full 40 box

Rec.Id	Seq.CNT	Cargo	Move	Unit Number	Size	Type	Gros W.	…………
CNT	2	C	FF	LMCU 33224/6	40	BOX	13455	

Rec.Id	Seq.CNT	Seq.ITE	Marks	Quant	Kind	Description of goods		Weight	Comdty
ITE	2	1	LMCU 33224/6	1	CNTR	SAID TO CONTAIN:	TARE	3920	
ITE	2	2	SEALED BY SHIPPER		40BX	262 PKGS		9535	02000
ITE	2	3	WITH N P535890			INSULATION MATERIALS			
ITE	2	4							
ITE	2	5							

One car only

Rec.Id	Seq.CNT	Cargo	Move	Unit Number	Size	Type	…………
CNT	3	A		166548			

Rec.Id	Seq.CNT	Seq.ITE	Marks	Quant	Kind	Description of goods	Weight	Comdty
ITE	3	1	166548	1	CAR	1 USED CAR OPEL OMEGA	1570	01000

One car loaded in Ship Convenience

Rec.Id	Seq.CNT	Cargo	Move	Unit Number	Size	Type	Gros W.	…………
CNT	4	S		LMCU 54567/0	20	BOX	4170	

Rec.Id	Seq.CNT	Seq.ITE	Marks	Quant	Kind	Description of goods	Weight	Comdty
ITE	4	1	713546	1	CAR	1 VOLKSWAGEN GOLF	1800	01000

More cars

Rec.Id	Seq.CNT	Cargo	Move	Unit Number	Size	Type	…………
CNT	5	A					

Rec.Id	Seq.CNT	Seq.ITE	Marks	Quant	Kind	Description of goods	Weight	Comdty
ITE	5	1	6589023	1	CAR	1 MERCEDS BENZ 220 CDI	2500	01000
ITE	5	2	7769113	1	CAR	1 FIAT IDEA	2000	01000
ITE	5	3	3391005	1	CAR	1 FORD FIESTA	1500	01000

APPENDIX II

(C) Currency Code

Code	Short Desc	Full Description
01	USD	US.$
04	FSV	FRANCO SVIZZERO
05	NAIR	NAIRA
10	Y.R.	YEMEN RIAL
11	L.T.	LIRA TURCA
13	SH.S	SH. SOMALO
14	SH.K	SH. KENYOTA
15	D.A.	DINARO ALGERINO
16	L.E.	LIRE EGIZIANE
17	K.D.	KUWAIT DINAR
18	J.D.	JORDAN DINAR
19	L.D.	LIBYAN DINAR
20	L.L.	LIRA LIBANESE
21	S.R.	SAUDI RIALS
22	RAND	RAND
23	SH.T	SH. TANZANIANO
24	YEN	YEN
25	œ.CY	STERLINA CIPRIO
26	BIRR	BIRR ETHIOPIA
27	L.S.	LIRA SUDANESE
29	DIR.	UAE DIRHAM
30	DT	DINARO TUNISINO
32	RUP	RUPIA
33	I.PA	I.PAUND
34	CFA	C.F.A.
36	F.DJ	F.DJIBOUTI
37	LST	LIRA STERLINA
38	SKR	COR. SVEDESE
39	NKR	COR. NORVEGESE
40	DKR	CORONA DANESE
41	S.P.	SYRIAN POUND
42	FIM	MARCO FINLAND.
43	R.P.	RUPIA PAKISTAN
44	R.I.	RUPIA INDIANA
46	DH	DIRHAM MAROCCO
47	O.R.	OMAN RIAL
48	BD	BAHRAIN DINAR
49	SING	DLL SINGAPORE
50	SYD	SUD YEMEN DINAR
51	CANA	DLL. CANADESE
52	S.D.	SUDAN DINARO
53	CEDI	CEDI GHANA
54	AU$	DOLLARO AUSTRAL
55	S.IR	STERLINA IRLAND
56	IR	IRAN RIALS
57	ERN	NAKFA
80	EUR	EURO

(E) Container Type codes

Code	Description
BK	BULK
BX	BOX
CC	MAFI
FR	FLAT RACK
HC	HIGH CUBE
HT	HALF OPEN TOP
OT	OPEN TOP
PL	PLATFORM
VE	VENTILATED
RE	REEFER
RH	HIGH CUBE REEFER
XX	OTHER NOT SPECIFIED

(H) Calculation basis codes

Code	Description
%	PERCENTAGE
W	CALCULATION ON WEIGHT BASIS
C	CUBIC METERS
M	LINEAR METERS
N	CALCULATION ON NUMBER BASIS
U	PAYING UNIT
L	LUMPSUM
V	20" UNIT FULL BASED
Q	40" UNIT FULL BASED

(I) Kind of Packages

Code	Description
CNTR	Container(s)
PALLET	Pallet(s)
BAGS	Bag(s)
TRAI	Trailer(s)
CAR	Car vehicle(s)
CASE	Case(s)
PCKGS	Package(s)
CARTON	Carton(s)
UNIT	Unit(s)
DRUM	Drum(s)
REEL	Reel(s)
COIL	Coil(s)
BALE	Bale(s)
BUNDLE	Bundle(s)
PARCEL	Parcel(s)
LOOSE	Unpacked materials
BULK	Loose, bulk cargoes

NOTE:

A comprehensive, up to date, list of valid packaging codes is available online, within section "Messina Codes" of Messina Line Corporate Web Application