Meaning of Terms

MC – Message code. It is a unique number identifying the type of message to be sent or received by GV. Each MC allows HM or GV to parse the message content in a prescribed format that will be addressed in this document.

MDT – Mobile Data Terminal, the display and data communication equipment mounted in vehicle's cabin.

PM – Prime mover number. It is a unique number to each prime mover.

JN – Job number. It is a unique number from HM identifying a job. A job can consist of several trips.

SN – Sequence number (Trip number). It is a unique number from HM identifying a trip.

Web Service Message Format

In the proposed Web Service interface, the format shall consists of the following 5 fields:

Field	Field Type	Size	Remarks
MC	String	2 Char	
PM	String	8 Char	
JN	String	26 Char	
SN	String	7 Char	
Message	String	250 Char	Message content will consists of different fields, of which the combination is identified by the unique MC. The size of message includes spaces and identifiers.

Messages from HM to GV

Messages received by GV shall be delivered to the MDT of the prime mover identified by "PM" number. The MDT shall display only the content in "Message" field.

"JN" and "SN" numbers shall be stored in the MDT. When a driver replies to a message through the MDT, the "JN" and "SN" numbers will be attached in the reply message to HM, allowing HM the reference to update correctly.

Msg Code: TR – Trip instructions

Sea-Export 1st Leg

Field		Field Type	Size	Remarks
MC		String	2 Char	
PM		String	8 Char	
JN		String	26 Char	
SN		String	7 Char	
Message		String	250 Char	
1	ScheduleDate		10 Char	
2	TripStartTime		4 Char	
3	TripEndTime		4 Char	
4	MsgType		3 Char	
5	Vessel		30 Char	

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			Field Type	Size	Remarks
6	Voyage			30 Char	
7	BookRefNo			20 Char	
8	ShippingLine			20 Char	
9	PortOfDestination			15 Char	
10	ContainerQty			2 Char	
11	ContainerSize			2 Char	
12	ContainerType			4 Char	
13	FromLocation			12 Char	
14	ToLocation			12 Char	
15	Remark			30 Char	

Sea-Export 2nd Leg

Field		Field Type	Size	Remarks
MC		String	2 Char	
PM		String	8 Char	
JN		String	26 Char	
SN		String	7 Char	
Message		String	250 Char	
1	ScheduleDate		10 Char	
2	TripStartTime		4 Char	
3	TripEndTime		4 Char	
4	MsgType		3 Char	
5	ContainerQty		2 Char	
6	ContainerSize		2 Char	
7	ContainerType		4 Char	
8	FromLocation		12 Char	
9	ToLocation		12 Char	
10	Remark		30 Char	

Sea-Import 1st Leg

Field		Field Type	Size	Remarks
MC		String	2 Char	
PM		String	8 Char	
JN		String	26 Char	
SN		String	7 Char	
Message		String	250 Char	
1	ScheduleDate		10 Char	
2	TripStartTime		4 Char	
3	TripEndTime		4 Char	
4	MsgType		3 Char	
5	Vessel		30 Char	
6	Voyage		30 Char	
7	BookRefNo		20 Char	
8	ShippingLine		20 Char	
9	PortOfDestination		15 Char	
10	ContainerQty		2 Char	
11	ContainerSize		2 Char	
12	ContainerType		4 Char	
13	FromLocation		12 Char	
14	ToLocation		12 Char	
15	Remark		30 Char	

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Sea-Import 2nd Leg

Field		Field Type	Size	Remarks
MC		String	2 Char	
PM		String	8 Char	
JN		String	26 Char	
SN		String	7 Char	
Message		String	250 Char	
1	ScheduleDate		10 Char	
2	TripStartTime		4 Char	
3	TripEndTime		4 Char	
4	MsgType		3 Char	
5	ContainerQty		2 Char	
6	ContainerSize		2 Char	
7	ContainerType		4 Char	
8	FromLocation		12 Char	
9	ToLocation		12 Char	
10	Remark		30 Char	

Messages from GV to HM

MDT reply are fix-formatted and contained within the "Message" field.

In the reply to HM, the "MC" will determine the type of reply and how to process the "Message" field.

"PM", "JN" and "SN" numbers allows HM to refer to the correct message.

Msg Code: RT – Report trip (Container/Seal/Trailer/DO Number)

Field		Field Type	Size	Remarks
MC		String	2 Char	
PM		String	8 Char	
JN		String	26 Char	
SN		String	7 Char	
Message		String	250 Char	
1	ContainerNo			
2	SealNo			
3	TrailerNo			
4	DO			

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