Electronic Communication Procedure

Version 3.0

CONTENTS

ABBREVIATIONS & DEFINITIONS

In this Electronic Communication Procedure ("ECP") the wording and expressions starting with a capital letter, save where the context requires otherwise, shall have the following meanings:

APPLICATION PROGRAMMING INTERFACE ("API")
An interface between a Company and a server of ECT. The Company makes a request in a specific format and will obtain a response in a specific format.

COMPANY
Any party who transfers, shares, obtains, exchanges Data directly or indirectly with ECT under this ECP. In case of indirect transferring, sharing, obtaining, or exchanging of Data by a Company with ECT (i.e. by means of an Intermediate Party), the Intermediate Party shall automatically be considered to be a Company.

DATA
All messages, notifications, instructions, invoices or other communication which is electronically transferred, shared, obtained or exchanged via either Electronic Data Interchange ("EDI"), Application Programming Interface ("API"), Mobile Application (app) or the Website, directly and/or via an Intermediate Party.

DIGITAL SERVICE(S)
All services offered via the channels mentioned in article 1.2.
ECT distinguishes Primary Services and Supplementary Services:
- **PRIMARY SERVICES:** Obligations of ECT agreed upon with its customer and/or eventual subsequent activities for a previous or successive party acting on or on behalf of that customer or with permission of the customer of ECT's customer. Primary Services must be considered as standardized and established services for daily normal and continuous operation at the ECT terminal. More information about the Primary Services are provided in Appendix II.
- **SUPPLEMENTARY SERVICES:** Supplementary Services are flexible and value-added services which are being progressively developed for the sake of better and more efficient services. For an overview of the available Supplementary Services reference is made to the Website.

ECT
The container terminals ECT Delta Terminal B.V., Euromax Terminal Rotterdam B.V. and/or (other subsidiaries of) Europe Container Terminals B.V.

ELECTRONIC DATA COMMUNICATION
Communication of Data through any of the Digital Services.

ELECTRONIC DATA INTERCHANGE ("EDI")
Electronic interchange of a coherent set of Data in accordance with internationally agreed message standards (UN-Edifact), supplementary ECT guidelines, prepared in computer readable format in accordance with adopted protocols and capable of being directly automatically and unambiguously processed between information systems by electronic means.
UN-Edifact are the United Nations rules for Electronic Data Interchange for administration, commerce and transport, comprising a set of internationally agreed standards, directories and guidelines for the electronic interchange of structured Data, and in particular, interchange related to trade in goods and services between independent and computerised information systems. The transmission of EDI-messages should be in standard UN-Edifact and the costs for translation from In-house Data to UN-Edifact Data are for the account of the transmitting party. The costs for vice versa translations from UN-Edifact to In-house Data are for the account of the receiving party.

INTERMEDIATE PARTY

An Intermediate Party acts for and on behalf of Company to facilitate Electronic Data Communication between ECT and the Company, considering the Company's containers, e.g. Portbase.

PORTBASE

PCS Port Community System. For more information reference is made to the website of Portbase: www.portbase.com.

USER

Any person using Electronic Data Communication with ECT. For the different types of Users reference is made to paragraph 2.2., Identification and authentication.

ACCOUNT

An account which is needed to access the Digital Services.

WEBSITE

The ECT website: www.ect.nl and all of its subdomains.

1 ELECTRONIC DATA COMMUNICATION

1.1 Introduction

In order to facilitate supply chain integration, the logistics chain, including ECT, makes use of Electronic Data Communication to improve operational efficiency and to abolish the need to issue and/or process hardcopy documentation.

This Electronic Communication Procedure (hereinafter "ECP") describes the roles and responsibilities of ECT and the User for the Electronic Data Communication. This ECP will be updated from time to time. The latest and valid version of the ECP is published on the Website.

1.2 Channels

The ECP describes the Electronic Data Communication process regarding the Primary Services. As far as a customer makes use of the Supplementary Services, the ECP applies as well. The Supplementary Services are in development and released periodically. Up-to-date information about the available functionality and communication process for the Supplementary Services will be published on the Website.

Data regarding Services is transferred, obtained, shared or exchanged under the ECP via the following five electronic communication channels:

A. Via EDI

B. Via the Website MyTerminal;

C. Via the ECT App;

D. Via API. Several of the Services are available as a direct API connection;

E. Via an Intermediate Party.

The channels mentioned under subs A., B., D. and E. can only be used by Business Users. The channel mentioned under sub C. are available for both Single Users and Business Users. Single users have limited access to information in comparison to Business users. (see paragraph 2.2., Identification and authentication, for an explanation of Business User and Single user)

Channel B. (MyTerminal), C. and D. are continuously in development. Channel E. is an external channel; ECT does not have any influence on the communication process by this channel. Details about the communication process via channel sub E. must be obtained from the Intermediate Party.

2 SECURITY

2.1 General

Proper and secure use (i.e. among others – but not limited to – authorized access, use, disclosure, disruption, modification, inspection, recording or destruction of information) of the Electronic Data Communication for Digital Services is essential for the logistics chain. Any improper and incorrect access and use of information might cause direct or indirect damage to ECT and/or relevant parties. Each User should always be aware of the potential risks while using Electronic Data Communication. Knowledge of improper, incorrect and/or insecure use, in the broadest sense of the word, must always be reported to ECT as soon as possible. Information must only be transferred, shared, obtained, exchanged or used in another way on a need to know basis.

ECT standardizes basic guidelines and policies on Data Security, Accounts and EDI data exchanges. The ISPS-code (International Ship and Port facility Security Code) is the security standard in use at all ECT terminals. Further, ECT is AEO (Authorised Economic Operator) certified. All procedures described in this ECP are governed by the regulations concerning the AEO certificate. In case of discrepancy between the ECP and the regulations concerning the AEO certificate, the regulations prevail.

2.2 Identification and authentication

Both the Website MyTerminal and the ECT app have an extranet part. To access the extranet part the User has to identify and authenticate itself. ECT distinguishes between different types of User accounts: each type has different functions and possibilities:

1. Single User account: allows App interface access to certain authorised information. Requires a valid CargoCard number.
2. Business User account: allows App and Website interface access to more authorised information. Requires a personal and business email address within the same domain as the supervising Administrator account (see 2.3).
3. Administrator account: An Administrator account – called MTA (MyTerminal Administrator) in MyTerminal - is used for administering the relation of the Company with ECT. The Administrator account has several authorisations, and this account can be used to delegate these authorisations to connected Business User accounts. Also, this account can be authorised for direct API connections or for data access through Intermediate Parties.

In general, to keep the access to data secure the following rules are used for User Accounts:
1. The User account must be personally; surnames must be part of the account name. Company, department and/or group account are not allowed.
2. Account e-mail addresses preferably are business e-mail addresses.
3. ECT does not manage passwords; this is outsourced to several login providers.
4. Each user must accept this ECP before access to the Digital Services is provided.

2.3 Administrator account

A Company must always be aware of the authorization of its employees making use of the Website.
The Company appoints an Administrator - called MTA in MyTerminal - who is entrusted with the management of the Electronic Data Communication with ECT on behalf of the Company. The Administrator will act as the responsible contact person in all matters concerning Electronic Data Communication. The Administrator has the right to authorize and restrict Users within the Company. For this, the Administrator uses the Administrator account. For the Business User accounts connected to the Administrator account, account emails of all authorized Users must be business emails within the same domain. Granted access

rights cannot exceed the Administrator account access rights. The Administrator shall maintain the internal authorizations updated at all times. In case of termination of a labour agreement the Administrator will immediately revoke authorization of that person. As soon as there has been made any substitution or successive appointment of an Administrator, the Company will immediately notify ECT thereof. ECT provides the new Administrator with an Administrator account.

Responsibilities of the Administrator are:

a. Add and remove connections of company Users to the Administrator account;
b. Grant and revoke access rights to company Users;
c. Manage rights for invoking services on MyTerminal that will be invoiced afterwards;
d. Manage rights for invoking prepaid services on MyTerminal.

2.4 **Intermediate Parties**

The Company will ensure that the Intermediate Parties acting on its behalf are informed of the content of the ECP, where relevant, and will ensure use of the Electronic Data Communications according to this ECP. ECT will request the Intermediate Parties acting on behalf of the Company to appoint an Administrator well, in order to secure communication between ECT and these third parties concerning the User's containers. The User will work closely together with ECT in order to ensure all third parties acting on its behalf appoint an Administrator.

2.5 **EDI data exchange**

ECT supports EDI exchanges only through SFTP (secure FTP).

For the means of SFTP ECT and the partner will exchange usernames, passwords and keys to connect to the SFTP server transfer directories.

3 CONDITIONS FOR A PROPER EXECUTION OF THE SERVICES

3.1 Use of Electronic Data Communication

The User acknowledges that the share of information by the channels mentioned in Chapter 1.2 is essential for the logistics chain and that its commitment to this ECP is necessary for ECT to provide the agreed Services. The User will promote the use of Electronic Data Communication, and refrain from using other means for sharing information with ECT whenever Electronic Data Communication can be used.

The User authorizes ECT to disclose and use any information submitted to ECT through data interchange by means of the channels abovementioned in Chapter 1.2 to third parties for application in logistics operations, unless restricted by law.

Access where login is needed, is being granted only to the person who applied for an account. This person is personally responsible for the proper use of the used access and is not allowed to give, grant or otherwise transfer these rights to any other person or party without prior written approval of ECT. The Administrator is allowed to grant rights to Users within its Company. Access to the API is granted via the API portal to a specific Administrator account login, which should therefore never be shared.

3.2 PIN numbers

Release orders for containers containing PIN numbers and/or changes in PIN numbers may only be submitted to ECT via EDI or the designated Digital Service for a release order on MyTerinal. PIN numbers communicated via any of these channels are not visible to ECT employees. It is not allowed to use different means of communication to submit PIN numbers.

3.3 Purpose

Data provided by ECT shall only be used for direct application in logistics operations. The User is not allowed to hold or file (a part of the) Data, provided by ECT via the channels described in Chapter 1.2 of this ECP, for commercial purposes, or to develop products, materials, models or methods containing (a part of the) Data provided by ECT.
Parties shall only disclose information on a need to know basis in connection with the Services.

The customer is not in any way allowed to use Services in an unauthorised manner. This includes, but is not limited to, the distribution of materials infringing intellectual property rights, the distribution of texts and/or visual and/or audio materials violating criminal law, computer intrusion ("hacking") and the destruction, damaging or rendering unusable of any systems of ECT or third parties.

The customer will refrain from every form of bribery or corruption or the use of illegal or otherwise improper means for the purpose of gaining any advantage for itself or third parties.

3.4 Intellectual Property

The performance of agreements does not result in any changes with regard to intellectual property rights. ECT's intellectual property rights are not transferred to the customer.

3.5 GDPR

In so far as personal data are processed, these personal data will be processed in a proper and careful manner and in accordance with the General Data Protection Regulation ("GDPR"). Reference is made to Article 4 of the GDPR for a description of 'personal data'.

3.6 **Use of Data by ECT**

ECT will execute the Services on its terminals strictly according to the received Data of- or on behalf of the User. Any information provided by ECT has been compiled by ECT to the best of its ability and as accurate and complete as possible.

In case the User has chosen for indirect Electronic Data Communication via an Intermediate Party, the Data from the Intermediate Party will be leading for ECT for the execution of the Services and ECT will only accept responsibility for Data it has transferred to the Intermediate Party. ECT will only accept Electronic Data Communication with Intermediate Parties which have committed themselves to the ECP.

3.7 **Liability**

In no event ECT will be liable for any damage caused by loss of information, or any incorrectness or incompleteness of, or any inconsistency in the Data provided by the User or by third parties, whether or not on behalf of the User. Neither will ECT be liable for any damages caused by the User's improper use of the right access or the improper share of Data by and/or on behalf of the User. The User will hold ECT harmless for any damage suffered by ECT due to any incorrectness or inconsistency of the Data provided or improper use of the right access or the improper share of Data and will indemnify ECT against any claims of third parties in this respect.

ECT is never liable for indirect damage, including but not limited to consequential damage, loss of profit, business interruption, loss of data and data degradation.

If an agreement pertains to an estimate to be provided by ECT, including but not limited to (discharge) planning, the estimate will be updated regularly. However, ECT does not guarantee the accuracy of the estimate.

ECT is at any time entitled to refuse performance of agreements for reasons that it considers to be well-founded and/or to deny the customer access to one of the channels (see 1.2), either permanently or temporarily. Any refusal and/or temporary or permanent denial of access to one of the channels will not result in liability for damages on the part of ECT.

Eventual subjects not governed by this ECP are governed by the latest version of the general terms and conditions of the Rotterdam Terminal Operators' Association (VRTO), to be obtained via the following link: https://vrto.nl/wp-content/uploads/2022/10/Algemene-Voorwaarden-VRTO-EN.pdf

3.8 **Force majeure**

For the purpose of this ECP, force majeure shall mean the situation in which execution of the Services by ECT is prevented, either in whole or in part, temporarily or permanently, due to a circumstance that is not attributable to ECT, including, but not limited to, a shortcoming on the part of external hosting providers and ECT suppliers and interruptions or failures in the power and / or telecommunications facilities.

In case of temporary force majeure, the execution of the Services will be suspended, either in whole or in part, for the duration of the force majeure.

If the duration of the force majeure has exceeded or will exceed 21 working days, both ECT and the customer are entitled to terminate the agreement, without judicial intervention, either in whole or in part.

ECT is not liable for damage resulting from force majeure.

APPENDIX I ABBREVIATIONS & DEFINITIONS

In the following Appendices II, III and IV the wording and abbreviations starting with a capital letter, save where the context requires otherwise, shall have the following meanings:

APPLICATION
Specific part on the Website where specific Data regarding Digital Services is entered, collected or exchanged.

BARGE Operator
Operator of an inland river vessel. A barge is a ship constructed to carry containers and fit to be handled by a container gantry crane with standard spreader, which vessel is employed in rendering inland waterway container transportation services to the Line.

CAD
"Centraal Aanmeldpunt Deepsea".
The ECT department CAD is the focal point for the deepsea operators and liner agents.

CAF
"Centraal Aanmeldpunt Feeder".
The ECT department CAF is the focal point for the feeder operators.

CAL
"Centraal Aanmeldpunt Lichter".
The ECT department CAL is the focal point for the barge operators.

CAR
"Centraal Aanmeldpunt Rail".
The ECT department CAR is the focal point for the rail operators.

CENTRAL PLANNER
Shipping companies' vessel planner.

CONTAINER OPERATOR
Owner of the container boxes and/or rental boxes provided by the Shipping line. Deep sea information related to a container is communicated with the Container operator. Information related to the vessel is communicated with the vessel operator.

FEEDER Operator
Commercial and dedicated short-sea and feeder operator. A container feeder vessel is a ship constructed to carry containers and fit to be handled by a container gantry crane with standard spreader, which vessel is owned, chartered or employed by the Line in rendering container transportation services to the Line, for connecting purposes to container deep-sea vessels.
Feeder operators can also act as box operator in relation with their own shipments.

FINANCE
The financial department of ECT.

GAD
"Gate and administration Desk".
The ECT department GAD is the focal point for Data administration and gate facility.

OPC
"Operation Planning Center"

RAIL Operator
Train operator transporting containers by railcar.

TRUCK
Hauliers transporting containers by road.

VESSEL OPERATOR
A party operating a commercial and dedicated deepsea vessel on international continental waters, by sequence rotation routings. This also includes consortia member lines operating on the same vessel. The Container Deepsea Vessel is a ship constructed to carry containers and fit to be handled by a container gantry crane with standard spreader, which vessel is owned or chartered (in whole or in part) by the Line and employed in rendering regular intercontinental container transportation liner services. ECT considers a party as Vessel operating party just for specific vessel Data exchange; all other Data exchange will be done under the Container operator Data exchange.

APPENDIX II PRIMARY SERVICES FOR INFOMATION EXCHANGE

1 General

This chapter describes the principal Electronic Data Communication between ECT and the User per modality via the means of communication. Supplementary services are in use and continuously being developed. These are described on the Website MyTerminal.

The Primary Services via EDI messages are described in Appendix III.

See MyTerminal Help Center website (https://myterminal.ect.nl/help-center) for support.

2 Modality Deepsea (Vessel Operator)

Communications between ECT and the Vessel Operator.

Summary of electronic communications

	Information	From	To	EDI	MyTerminal	Remarks
1	Vessel Schedule	Vessel operator	CAD		Add Partner Operator	
2	Vessel call confirmation	CAD	Vessel operator		My Voyages Tracked Objects Object Schedule	
3	Bayplan (incoming)	Central planner	OPC	BAPLIE		
4	Stowage instructions	Central planner	OPC	MOVINS		
5	Bayplan (outgoing)	OPC	Central planner	BAPLIE		Copy to next POD
6	Terminal Performance Report	OPC	Vessel operator and vessel partners	TPFREP	TPDR	
7	Invoice	Finance	Vessel operator and vessel partners	INVOIC	E-Invoicing	

3 Modality Deepsea (Container Operator)

Communications between ECT and the Container Operator.

Summary of electronic Data to exchange

	Information	From	To	EDI	MyTerminal	Remarks
1	Vessel Call	Container Operator	CAD		Update Vessel Voyage	
2	Booking information	Container Operator	GAD	COPARN	Acceptance Order	
3	Release information	Container Operator	Portbase	COREOR		
4	Discharge order	Container Operator	GAD	COPRAR	Discharge Order	
5	Load order	Container Operator	GAD	COPRAR	Load Order	

	Information	From	To	EDI	MyTerminal	Remarks
6	Gate move report	GAD	Container Operator	CODECO	My Containers	
7	Vessel move report	GAD	Container Operator	COARRI	My Voyages Tracked Objects Object Schedule	
8	Vessel move report to Portbase	GAD	Portbase	COARRI		service "Import Manifest"
9	Terminal Performance Report	OPC	Container Operator	TPFREP	TPDR	
10	Vessel Invoice	Finance	Container Operator	INVOIC	E-invoicing	
11	General reporting	GAD	Container Operator		My Containers Load and Discharge List	
12	Verified Gross Mass report	Container Operator	GAD	VERMAS	VGM Weight	

4 **Modality Feeder**

Communication between ECT and the Feeder Operator.

Summary of electronic Data to exchange

	Information	From	To	EDI	MyTerminal	Remarks
1	Vessel schedules	Feeder Operator	CAF		Add Partner Operator	Via Portbase Melding Zeeschip
2	Schedule confirmation	CAF	Feeder Operator		My Voyages Tracked Objects Object Schedule	
3	Bayplan (incoming)	Feeder Operator	OPC	BAPLIE		
4	Stowage instructions	Feeder Operator	OPC	MOVINS		
5	Booking information (own shipments)	Feeder Operator	GAD	COPARN	Acceptance Order	
6	Release information (own shipments)	Feeder Operator	Portbase	COREOR		
7	Discharge order	Feeder Operator	GAD	COPRAR	Discharge Order	
8	Load order	Feeder Operator	GAD	COPRAR	Load Order	
9	Gate move report (own shipments)	GAD	Feeder Operator	CODECO	My Containers	
10	Vessel move report		Feeder Operator	COARRI	My Voyages Tracked Objects Object Schedule	
11	Vessel move report to Portbase	GAD	Portbase	COARRI		service "Import Manifest"

12	Bayplan (outgoing)	OPC	Feeder Operator	BAPLIE		
13	Terminal Performance Report	OPC	Feeder Operator	TPFREP	TPDR	
14	Vessel invoice (own shipments)	Finance	Feeder Operator	INVOIC	E-invoicing	
15	General reporting	GAD	Feeder Operator		My Containers Load and Discharge List	
16	Verified Gross Mass report	Container Operator	GAD	VERMAS	VGM Weight	

5 **Modality Barge**

Communication between ECT and the Barge Operator.

Summary of electronic Data to exchange

	Information	**From**	**To**	**EDI**	**MyTerminal**	**Remarks**
1	Call information	Barge Operator	CAL			Via Portbase Nextlogic
2	Call confirmation	CAL	Barge Operator		My Voyages Tracked Objects Object Schedule	Portbase Barge planning
3	Container status request	Barge Operator	GAD	COPINO	Import Export	COPINO-13
4	Discharge order	Barge Operator	GAD	COPINO		COPINO-600
5	Load order	Barge Operator	GAD	COPINO		COPINO-601
6	Status report	GAD	Barge Operator	APERAK		
7	Gate move report	GAD	Barge Operator	CODECO		
8	Gate move report to Portbase	GAD	Portbase	CODECO		Portbase service Barge planning
9	General reporting	GAD	Barge Operator		My Containers Load and Discharge List	

6 **Modality Rail**

Communication between ECT and the Rail Operator.

Summary of electronic information to exchange

	Information	**From**	**To**	**EDI**	**MyTerminal**	**Remarks**
1	Rail track information	Rail Operator	CAR			Portbase Barge planning
2	Rail track confirmation	CAR	Rail Operator		My Voyages Tracked Objects Object Schedule	Portbase Barge planning
3	Container status request	Rail Operator	GAD	COPINO	Import Export	COPINO-13

4	Discharge order	Rail Operator	GAD	COPINO		COPINO-600
5	Load order	Barge Operator	GAD	COPINO		COPINO-601
6	Status report	GAD	Barge Operator	APERAK		
7	Gate move report	GAD	Barge Operator	CODECO		
8	Gate move report to Portbase	GAD	Portbase	CODECO		Portbase service Barge planning
9	General reporting	GAD	Barge Operator		My Containers Load and Discharge List	

7 Modality Road Truck

Communication between ECT and the Truck operator

Summary of electronic information to exchange

	Information	From	To	EDI	MyTerminal	Remarks
1	Container status request	Truck Operator	GAD	COPINO	Import Export	COPINO-13
2	Delivery order	Truck Operator	GAD	COPINO		COPINO-600
3	Pickup order	Truck Operator	GAD	COPINO		COPINO-601
4	Status report	GAD	Truck Operator	APERAK		
5	Gate move report	GAD	Truck Operator	CODECO	Interchanges	

8 Exchange with a Maasvlakte Container Yard

Communication between ECT and the Maasvlakte Container Yards (MCY).

Sequence of information exchange

Container-flow from MCY to ECT-yard

Line > MCY	Coreor		--
ECT > MCY	Copino-pickup		Trigger: Saved changes to laad/los-lijst cq ITT-order
MCY > ECT	Aperak	Status pre-advised container	Express shows status
MCY > ECT	Codeco (-50)	Container on MTS	in container inquiry: position is on MTS
MCY > Line	Codeco (-)	Gate-out move	--
MCY > ECT	Codeco (-70)	MTS ready (loaded)	
ECT > MCY	Codeco (-60)	MTS departs from MCY buffer	Trigger: DEPBUFFER
ECT > Line	Codeco (-)	Gate-in move	Trigger: GATE IN

Container-flow from ECT-yard to MCY

Line > MCY	Coparn		--

			Trigger: Saved changes to laad/los-lijst cq ITT-order
ECT > MCY	Copino-delivery		
MCY > ECT	Aperak	Status pre-advised container	Express shows status
ECT > Line	Codeco (-)	Gate-out move	Trigger: GATE OUT
ECT > MCY	Codeco (-50)	MTS arrives at MCY buffer	Trigger: ARRBUFFER
MCY > ECT	Codeco (-60/-11)	Container from MTS	
MCY > Line	Codeco (-)	Gate-in move	--
MCY > ECT	Codeco (-70)	MTS ready (empty)	

Container-flow from MCY to Rail / Barge

Operator > ECT	Copino-pickup		
ECT > Operator	Aperak		
Line > MCY	Coreor		--
ECT > MCY	Copino-pickup	Containers on loadlist	Trigger: Saved changes to laad/los-lijst cq ITT-order
MCY > ECT	Aperak	Status pre-advised container	Express shows status
ECT > MCY	Tracom	Planning of containers	
MCY > ECT	Codeco (-50)	Container on MTS	in container inquiry: position is on MTS
MCY > Line	Codeco (-)	Gate-out move	--
MCY > ECT	Codeco (-70)	MTS ready (loaded)	
ECT > MCY	Codeco (-60)	MTS departs from MCY buffer	Trigger: DEPBUFFER
ECT > Line	Codeco (-)	Gate-in move	Trigger: GATE IN
ECT > Line	Codeco (-)	Gate-out move	Trigger: GATE OUT

Container-flow from Rail / Barge to MCY

Operator > ECT	Copino-delivery		
ECT > Operator	Aperak		
Line > MCY	Coparn		--
ECT > MCY	Copino-delivery	Container on dischargelist	Trigger: Saved changes to laad/los-lijst cq ITT-order
MCY > ECT	Aperak	Status pre-advised container	Express shows status
ECT > Line	Codeco (-)	Gate-in move	Trigger: GATE IN
ECT > Line	Codeco (-)	Gate-out move	Trigger: GATE OUT
ECT > MCY	Codeco (-50)	MTS arrives at MCY buffer	Trigger: ARRBUFFER
MCY > ECT	Codeco (-60/-11)	Container from MTS	--
MCY > Line	Codeco (-)	Gate-in move	
MCY > ECT	Codeco (-70)	MTS ready (empty)	

Container-flow from MCY (origin) to MCY (destination)

Line > MCYD	Coparn		--
Line > ECT	Coparn		
ECT > MCYO	Copino-pickup		Trigger: Saved changes to laad/los-lijst cq ITT-order
MCYO > ECT	Aperak	Status pre-advised container	Express shows status
MCYO > ECT	Codeco (-50)	Container on MTS	in container inquiry: position is on MTS

MCYO > Line	Codeco (-)	Gate-out move	--
MCYO > ECT	Codeco (-70)	MTS ready (loaded)	
ECT > MCYO	Codeco (-60)	MTS departs from MCY buffer	Trigger: DEPBUFFER
ECT > MCYD	Codeco (-50)	MTS arrives at MCY buffer	Trigger: ARRBUFFER
MCYD > Line	Codeco (-)	Gate-in move	--
MCYD > ECT	Codeco (-70)	MTS ready (empty)	

APPENDIX III PRIMARY EDI EDIFACT MESSAGES

1 General

Here an overview of essential EDI EDIFACT messages is provided. For implementation of EDI connections, please contact ECT directly.

See SMDG website (http://www.smdg.org) for downloadable message specifications:

- APERAK
- BAPLIE Vessel layout
- COARRI Container load / discharge confirmation
- CODECO Container gate in / out confirmation
- COPARN Container Announcement / container release
- COPINO Container pickup /delivery pre-notification
- COPRAR Container discharge / load order
- COREOR Container release order
- IFTSAI Vessel schedule information
- IFTSTA Equipment status report
- INVOIC Invoice Billing message
- MOVINS Stowage Instruction
- TPFREP Terminal Performance Report
- TRACOM Train composition
- VERMAS Verified Gross Mass report

2 APERAK

Application error and acknowledgement message. This message informs the message issuer that the message has been received by the addressee's application and has been rejected due to errors encountered during the process in the application. This message is also sent to acknowledge a message issuer the receipt of his message by the addressee's application.

3 BAPLIE

The EDIFACT Bayplan will be used to transmit information about all occupied places onboard of a vessel to interested parties like the shipowner and the terminal operators in the next port of call.
BAPLIE for next port
The terminal (ECT) provides the next port with a bayplan regarding the stowage information of the vessel.

4 COARRI

The COARRI message shows the Data of loaded and discharged containers in operation.
Container discharge and loading conformation per container.

5 CODECO

A message by which a container terminal (in general), depot, etc. confirms that the containers specified has been delivered or picked up by the Inland Carrier (Road Truck operator, Rail operator or Barge operator). This message can also be used to report internal terminal container movements (excluding loading and discharging a Deep-sea vessel or Feeder vessel).

6 COPARN

Container pre-announcement and release notice.

The acceptance order is send by the Container operator to permit ECT to accept containers on the terminal or to release empty containers for the next transport mode. Unused Booking data, received by Coparn messages will be discarded after 90 days.

7 COPINO

A message by which an inland carrier notifies the delivery or pick-up of containers. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange.

8 COPRAR

The container discharge and loading list (COPRAR message) is used to transmit an order to load containers on or discharge containers from a seagoing vessel. This message is commonly sent by the shipping line (or agent) to the terminal operator handling the vessel.

In addition to containers to be loaded or discharged, the COPRAR message may also be used to transmit details on containers that are to be shifted on board the Deep Sea Vessel or Containers that are to be discharged and reloaded (re-stowed) onto the Deep-Sea Vessel.

9 COREOR

Container release order send by the Container operator to permit ECT to release the container to the collecting party. Unused Release data, received via Coreor message will be discarded after 45 days if no ultimate release date is provided.

10 IFTSAI

Schedule Requests and Reports. A message from/to a liner agent to/from a local authority (e.g. port authority), Container terminals, Schedule Portal or consortia member lines, to inform the parties of the long term schedule, mid-term schedule, short term schedule or schedule updates, giving information on the actual vessel schedule information and container or cargo operations.

11 INVOIC

Electronical invoicing which provides the freight cost and other charges to the Container operator by electronically means.

12 MOVINS

The EDIFACT Stowage instruction "MOVINS" will be used to transmit information about ALL activities like discharging, shifting, restowing and loading on a specified means of transport from the operator or owner of the means of transport to any party involved with the operation on this means of transport at a certain place.

13 TPFREP

The Terminal Performance and Departure Report "TPFREP" will be used to transmit information to the vessel and container operator relating to the operations carried out such as the loading, discharging and re-handling of containers and hatch covers etc.

14 TRACOM

A message designed to compose a train/shuttle constitution.
The TRACOM message this is a bilateral messages between ECT Delta terminal and APMT terminal.

15 VERMAS

The Verified Gross Mass message (VERMAS) permits to submit the Verified Gross Mass of the packed container and supporting information as legally required by the SOLAS Convention Chapter VI, Part A, Regulation 2.