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Standard

pour un système d'annonces électroniques en navigation intérieure

Electronic Ship Reporting in Inland Navigation

Standard
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Abréviations

ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (ADN) ; European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (EU Council Directive 94/95/EC): *Accord européen concernant le transport international de matières dangereuses sur les voies de navigation intérieure*
ADNR	Règlement pour le transport de matières dangereuses sur le Rhin: *Règlement pour le transport de matières dangereuses sur le Rhin*
AIS	Automatic Identification System : *Système d'identification automatique*
ATIS	Automatic Transmitter Identification System : *Système d'identification automatique des émetteurs radio*
BICS	Binnenvaart Informatie en Communicatie Systeem (Electronic Reporting System)
CN	Combined Nomenclature (on Goods)
CUSCAR	Customs Cargo Report (Message)
CUSDEC	Customs Declaration (Message) : *Déclaration douanière (annonce)*
ECDIS	Electronic Chart Display and Information : Système électronique d'affichage de cartes et d'informations pour la navigation intérieure
EDI	Electronic Data Interchange *: Echange électronique de données*
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport : *Echange électronique de données pour l'administration, le commerce et le transport*
ENI	Numéro européen unique d'identification des navires
ERI	Electronic reporting international : *Annonces électroniques internationales*
ERINOT	ERI Notification (Message) : *Notification ERI*
ERIRSP	ERI Response (Message) : *Réponse ERI*
ERN	Electronic Reporting Number : *Numéro de l'annonce électronique*
HS	Harmonized System Code : *Système harmonisé (code)*
IFTDGN	International Forwarding and Transport Dangerous Goods Notification (Message)
IFTMIN	Instruction (Message)
IMDG	IMO Dangerous Goods (Number) : *Numéro de matières dangereuses OMI*
OMI	Organisation Maritime Internationale
IMO-FAL	Convention on the Facilitation of International Maritime Traffic, 1965 : *Convention en vue de la facilitation du trafic maritime international*
INDRIS	Inland Navigation Demonstrator for River Information Services : *Démonstration de RIS (projet F&E de l'UE dans le 4ème programme cadre)*
ISO	International Standardisation Organisation : *Organisation internationale de norma lisation*
NST/R	Standard Goods Classification for Transport Statistics / Revised
OFS	Official ship number : *Numéro officiel de bateau (CCNR)*
PAXLST	Passenger List (Message) : *Liste des passagers (annonce)*
AIPCN	International Navigation Association : *Association internationale permanente des congrès de navigation*
PROTECT	International Organisation of North European Ports Dealing with Dangerous Goods : *Organisation internationale des ports nord-européens dans lesquels transitent des matières dangereuses*
PSTN	Public Switched Telephony Network, thus the normal telephone network, either mobile or fixed : *Réseau téléphonique public, fixe ou mobile*

RIS	River Information Services : *Services d'information de la navigation intérieure*
UN/CEFACT	UN Centre for Trade Facilitation and Electronic Business : *Bureau central des Nations Unies pour la facilitation du commerce et des échanges électroniques*
UN/ECE	United Nations Economic Commission for Europe : *Commission économique pour l'Europe des Nations Unies*
UN/LOCODE	United Nations Location Code: *Code de localisation des Nations Unies*
UNDG	United Nations Dangerous Goods (Number) : *Numéro de matières dangereuses des Nations Unies*
UNTDID	United Nations Trade Data Interchange Directory : *Répertoire des Nations Unies pour l'échange de données commerciales*
VHF	Very High Frequency : *Très hautes fréquences*
VTS	Vessel Traffic Services : *Services de navigation*
XML	Extended Markup Language : *Langue élargie d'identification :*

Standard pour les annonces électroniques en navigation intérieure

1 Objet et domaine d'application

(1) Le présent standard a pour objet de faciliter l'échange électronique de données (*EDI*) entre les partenaires de la navigation intérieure ainsi qu'entre les partenaires du trafic multi-modal, dans la mesure où ils sont concernés par la navigation intérieure.

(2) Le présent standard vise à éviter de devoir communiquer plus d'une fois les données de route aux différentes autorités et/ou aux partenaires commerciaux.

(3) Le présent standard fixe les règles pour l'échange d'annonces électroniques en navigation intérieure. Les autorités et autres parties concernées (propriétaires, bateliers de la navigation intérieure, chargeurs, ports) échangeront leurs données conformément au présent standard.

(4) Le présent standard décrit les annonces, les informations et les codes à utiliser lors des annonces électroniques pour les différents services et fonctions du RIS.

(5) Le présent standard s'appuie sur des standards internationalement reconnus dans le commerce et le transport et les complète pour la navigation intérieure. Le standard tient compte des enseignements acquis dans le cadre des projets européens de recherche et développement INDRIS et COMPRIS, ainsi que de la mise en œuvre de systèmes d'annonce dans différents Etats, notamment dans le cadre de l'application du BICS aux Pays-Bas. Les développements récents émanant du Groupe "Electronic Reporting International (ERI)" sont pris en compte.

(6) Le présent standard contient les règles majeures et fondamentales applicables aux annonces électroniques en navigation intérieure. Certaines dispositions relatives à des cas particuliers feront l'objet d'adaptations ultérieures, en fonction de l'expérience acquise. Les dispositions concernées sont signalées par des notes de bas de page dans les sections correspondantes du standard.

(7) Deux documents de la Commission Européenne ont été pris en compte afin d'assurer la compatibilité avec la navigation maritime :

- Directive 2002/6/CE du Parlement européen et du Conseil du 18 février 2002 concernant les formalités déclaratives applicables aux navires à l'entrée et/ou à la sortie des ports des États membres de la Communauté
- Directive 2002/59/CE du Parlement européen et du Conseil du 27 juin 2002 relative à la mise en place d'un système communautaire de suivi du trafic des navires et d'information, et abrogeant la directive 93/75/CEE du Conseil

(8) Le présent standard décrit les relations entre les entreprises privées (chargeurs, bateliers, exploitants d'équipements de transbordement, armateurs et particuliers) et les organismes publics (administrations en charge de la navigation, ports publics). Il ne décrit pas les relations entre les entreprises privées non concernées par des équipements publics (par ex. entre des exploitants d'équipements de transbordement).

(9) En outre, la présente édition 1.2 du standard comporte des clarifications, corrections et extensions des descriptions de l'annonce ERINOT (ERINOT 1.2) ainsi que des nomenclatures et listes de codes. Ces modifications visent à corriger certaines imperfections de l'édition 1.0 et à prendre en compte l'introduction du numéro européen unique d'identification des navires ENI prévue par la directive 2005/44/CE du Parlement européen et du Conseil relative à des services d'information fluviale (SIF) harmonisés sur les voies navigables communautaires et venant remplacer le numéro officiel de bateau de la CCNR.

(10) Le standard de message actuellement utilisé est UN/EDIFACT, qui stipule les règles syntaxiques pour la structure des messages (ISO 3795-1). Une syntaxe alternative, XML, est souple et indépendante du format des données. XML ayant été introduit récemment avec succès pour les messages électroniques, les règles syntaxiques XML ont à présent été ajoutées au présent standard afin de permettre la transmission de messages avec EDIFACT ou avec XML.

2 Définitions

Voir :

- Glossaire UN/EDIFACT, édité par la CEE/ONU (www.unece.org/trade/untdid/texts/d300_d.htm)
- "Transport & Logistics Glossary" de P&O Nedlloyd, novembre 2000.

Dans le présent standard est utilisée la **terminologie spécifique** suivante :

Péniche remorquée ou barge de poussage (*barge*) désigne un bateau sans propulsion propre.

Marchandises en vrac (*Bulk cargo*) désigne les cargaisons sans emballage de marchandises uniformes, déversées en vrac dans un espace précis d'un bateau ou d'un container, par ex. de l'huile ou des céréales.

Code désigne une succession de caractères utilisée pour abréger une annonce ou une identification.

Autorité compétente *(competent authority)* désigne les administrations ou organismes mandatés par les gouvernements pour recevoir et retransmettre les annonces au sens du présent standard.

Destinataire *(consignee)* désigne celui/celle qui réceptionne les marchandises, chargements ou containers conformément au document de transport.

Expéditeur *(consignor)* désigne le commerçant qui a conclu ou pour le compte ou à la demande duquel a été conclu l'ordre de transport de marchandises, ce avec un transporteur ou avec quiconque au nom ou à la demande duquel les marchandises sont réellement livrées au transporteur conformément au contrat de transport.

Elément de données *(data element)* désigne une unité de données considérée inséparable dans un contexte donné et dont l'identification, la description et la signification sont prescrites.

Numéro EDI *(edi number)* désigne l'adresse électronique d'un émetteur ou d'un destinataire d'un message (par ex. l'expéditeur et le destinataire d'une cargaison). Das kann eine E-mail-Adresse, eine vereinbarte Identifizierung oder eine Nummer der European Article Numbering Association (*EANA number*) sein.

Echange électronique de données *(electronic data interchange, EDI)* désigne la transmission, par voie électronique, de données structurées suivant des standards définis entre l'application informatique d'un partenaire concerné et l'application informatique d'un autre partenaire concerné.

Annonces électroniques internationales *(electronic reporting international, ERI)* désigne l'effort d'harmonisation de la navigation intérieure en Europe suivant les recommandations du Groupe ERI.

Transporteur *(Forwarder)* désigne celui qui organise, à la demande du chargeur et du destinataire, le transport des marchandises y compris les prestations et/ou formalités y afférentes.

Procédure *(procedure)* désigne les opérations nécessaires pour s'acquitter d'une formalité, y compris le planning, le format et la méthode de transmission pour la fourniture de l'information nécessaire.

Conducteur *(shipmaster)* désigne la personne à bord du bateau qui est responsable de son exploitation et qui est habilitée à prendre toutes décisions relatives à la navigation et à la gestion du bateau (synonymes : capitaine *(captain),* marinier *(skipper)*).

Notification de transport *(Transport notification)* désigne la notification d'un voyage prévu auprès de l'autorité compétente.

UN/EDIFACT *(UN Electronic Data Interchange for Administration, Commerce and Transport)* désigne les règles des Nations Unies applicables à l'échange électronique de données pour l'administration, le commerce et le transport. Elles comprennent une série de standards, répertoires et directives pour l'échange électronique de données structurées, à savoir celles qui se rapportent à l'échange de biens et de services entre des systèmes informatisés autonomes. Ces règles constituent des recommandations dans le cadre des Nations Unies. Elles sont ratifiées par l'UN/ECE, publiées dans l'UN Trade Data Interchange Directory et complétées en application des procédures prescrites.

Bateau (bâtiment, Vessel) désigne tout bâtiment de navigation intérieure, y compris les menues embarcations, bacs et engins flottants

Annonce asynchrone *(asynchronous message)* désigne une annonce pouvant être transmise par l'émetteur sans devoir attendre que le destinataire l'ait traitée. Le destinataire décide à quel moment il convient de traiter l'annonce.

3 Références normatives

- PIANC Guidelines and Recommendations for River Information Services, 2002 (RIS Guidelines 2002)
- United Nations Trade Data Interchange Directory (UNTDID) for EDIFACT:
  - Partie 1 : Introduction *(Introduction)*
  - Partie 2 : Règles uniformes pour l'échange de données commerciales par télétransmission *(Uniform rules of conduct for interchange of trade data by teletransmission (UNCID))*
  - Partie 3 : Termes et définitions *(Terms and definitions)*
    - Glossaire UN/EDIFACT
  - Partie 4 : Règles *(Rules)* UN/EDIFACT
    - Chapitre 1 : Introduction *(Introduction)*
    - Chapitre 2 : Informations générales *(General information)*
      - Chapitre 2.1 : Mise en place de types d'annonces standards des Nations Unies *(Establishment of UN Standard Message Types (UNSM)*
      - Chapitre 2.2 : Règles UN/EDIFACT de syntaxe pour le niveau d'application *(application level syntax rules)* (ISO 9735-1)
      - Chapitre 2.3 : Directives UN/EDIFACT d'introduction pour la syntaxe *(syntax implementation guidelines)*
      - Chapitre 2.4 : Directives UN/EDIFACT pour l'élaboration des annonces *(message design guidelines)*
      - Chapitre 2.5 : Directives UN/EDIFACT pour les procédures pour les versions et les publications *(directory version/release procedures)*
      - Chapitre 2.6 Prescription générale pour les descriptions UNSM *(General description to UNSM descriptions)*
  - Partie 5 : Descriptions détaillées *(specifications)* de l'UNSM
    - Chapitre 1 : Introduction *(Introduction)*
    - Chapitre 2 : Répertoire des types d'annonces *(Message type directory)* EDMD (Edition 98.B, stable et recommandée par l'OMI)
    - Chapitre 3 : Répertoire des segments *(Segment directory)* EDSD
    - Chapitre 4 : Répertoire des éléments de données composites *(Composite data element directory)* EDCD
    - Chapitre 5 : Répertoire des éléments de données *(Data element directory EDED)*
    - Chapitre 6 : Liste simplifiée de codes *(Consolidated code list)* UNCL

- CEE/ONU : Répertoire des éléments de données pour le commerce *(Trade data elements directory)* UNTDED
    - Volume I : Eléments de données standards *(Standard data elements)* (ISO 7372)
    - Volume II : Liste de codes des utilisateurs (User code list)
    - Volume III : Abrégé des recommandations visant à faciliter le commerce *(Compendium of Trade Facilitation Recommendations)* avec entre autres :
        - Rec. 3 : Code ISO *(country code)* pour l'abréviation des noms des pays
        - Rec. 10 : Codes pour les noms de bateaux
        - Rec. 16 : UN/LOCODE – Codes pour les ports et autres sites
        - Rec. 19 : Codes pour les moyens de transport
        - Rec. 20 : Codes pour les unités de mesure utilisées dans le commerce international
        - Rec. 25 : L'utilisation de UN/EDIFACT
        - Rec. 26 : Annexe : Accord type pour l'utilisation commerciale internationale de l'échange électronique de données
        - Rec. 28 : Codes pour les types de moyens de transport
- PROTECT Scénario d'annonce de matières dangereuses *(Dangerous Goods Message Scenario),* Version 1.0, janvier 1999
- OMI Abrégé pour la facilitation du commerce électronique *(Compendium on Facilitation and Electronic Business)* "Echange électronique de données pour l'accomplissement des formalités de douane et de police des bateaux *(Electronic Data Interchange (EDI) for the Clearance of Ships)"*, Edition 2001, FAL.5/Circ.15
- OMI Convention sur la facilitation du trafic maritime international *(Convention on the Facilitation of International Maritime Traffic)* (FAL), 1965 avec additifs

Les références normatives aux nomenclatures (codes) sont données en **Annexe 4**.

4 Procédures d'annonce

4.1 Annonces du bateau à l'autorité

(1) L'annonce bateau – autorité se compose essentiellement de :

1 Annonces de transport sur les voyages de bateaux chargés ou non chargés à l'intérieur du secteur relevant de l'autorité, si applicables.

2 Annonces d'arrivée et de position aux écluses, ponts, points d'annonce et centres de trafic.

(2) L'annonce bateau – autorité ne se limite pas aux annonces que le bateau envoie directement à l'autorité. Toutes les annonces concernant le bateau, envoyées au nom du bateau, sont considérées comme des annonces bateau – autorité, même si elles ont été envoyées par des chargeurs, des propriétaires de bateaux, des armements ou des exploitants de terminaux à terre.

(3) Lorsqu'une autorisation de pénétrer dans un secteur administratif est requise, l'annonce doit être transmise à l'autorité dès le début du voyage et une nouvelle fois lors de l'arrivée au secteur considéré.

4.1.1 Notification de transport

(1) La notification de transport est utilisée pour informer les autorités de l'intention d'effectuer un voyage précis, avec un bateau précis, chargé ou non.

(2) La notification de transport peut être émise soit par le conducteur, soit par le chargeur, pour le compte du conducteur.

(3) Les notifications de transport doivent être faites avant le début du voyage de même qu'avant l'entrée dans le secteur de compétence d'une autorité et après chaque changement majeur des données du voyage comme le nombre de membres d'équipage à bord ou le nombre de véhicules en convoi. Lorsqu'un bateau nécessite un accord pour un voyage ou une partie d'un voyage, l'autorité compétente retourne une confirmation après avoir traité la notification. Cette réponse peut consister en une autorisation ou un refus.

(4) L'échange des annonces avec notifications de transport doit se faire de manière asynchrone mais dans un délai proche.

(5) Chaque autorité nationale doit accepter les annonces émises sous la forme d'e-mail (courrier électronique) conformément à la description, contenues directement dans le texte ou jointes. La boîte aux lettres électronique (mailbox) doit être accessible directement via un téléphone public et indirectement via Internet.

(6) Chaque autorité décide des autres moyens qu'elle accepte pour la transmission des informations. Lorsque les annonces sont faites par voie traditionnelle (par ex. sur papier, par télécopie, par voie radio) mais qu'elles sont ensuite traitées par voie électronique, l'information doit être délivrée sous une forme qui permette au personnel du centre de trafic, de l'écluse ou du pont, de l'entrer dans un système électronique.

4.1.2 Annonce d'arrivée et rapport de position

(1) Les informations relatives à la position doivent être adressées au personnel local d'exploitation des voies navigables, par exemple aux écluses et ponts, dans les centres de trafic, les ports et les points d'accostage, de l'arrivée prévue d'un bateau. Les annonces d'arrivée doivent être émises avant l'arrivée à l'écluse, au pont ou au port.

(2) Les rapports de position doivent être envoyés à des points précis de la voie navigable.

(3) Les annonces d'arrivée et les rapports de position peuvent être réceptionnés par différents moyens, actifs ou passifs.[1]

1 Visuellement / manuellement

La méthode traditionnelle d'annonce de l'arrivée d'un bateau est visuelle. L'heure d'arrivée précise en un lieu précis est consignée et, dans certains cas, saisie manuellement dans un système informatique.

2 Par radiocommunication

Le bateau peut informer l'écluse ou le pont de sa présence par VHF. Il est alors possible de faire usage du code ATIS pour identifier le bateau appelant et pour entrer le passage du bateau dans la file d'attente du système informatique de l'écluse. Une surveillance du trafic visuelle ou par radar est en outre nécessaire pour éviter que les bateaux ne se placent prématurément dans la file d'attente.

3 Par transpondeur *(Automatic Identification System, AIS)*

Dans la mesure où ils sont de plus en plus souvent utilisés, les transpondeurs constituent probablement le meilleur moyen d'annonce de l'arrivée d'un bateau. Les transpondeurs permettent en outre de transmettre des informations sur la présence à bord de matières dangereuses. [2].

4.2 Annonces d'autorité à autorité

(1) Les annonces d'autorité à autorité se composent principalement d'annonces de transport des bateaux, chargés ou non, qui transitent d'un secteur administratif à un autre.

(2) La transmission d'une annonce à l'autorité voisine est nécessaire lorsqu'un bateau franchit un point défini sur la voie navigable.

[1] Les annonces d'arrivée et de position ne sont pas spécifiées dans le présent standard.
[2] A définir en Allemagne Standard AIS

(3) L'échange de toutes les annonces doit être doit être effectué de manière asynchrone mais dans un délai proche. L'autorité émettrice sera autorisée à demander confirmation de l'autorité destinataire.

(4) Chaque autorité nationale doit accepter les annonces émises sous la forme d'e-mail (courrier électronique) conformément à la description, contenues directement dans le texte ou jointes. La boîte aux lettres électronique (mailbox) doit être accessible directement via un téléphone public (PSTN) et indirectement via Internet. Chaque autorité décide des autres moyens qu'elle accepte pour la transmission des informations, par exemple les liaisons directes entre les systèmes. Ces exigences s'appliquent également aux administrations portuaires participant à un tel service.

(5) S'il est prévu de retransmettre une annonce bateau – autorité d'une autorité en charge d'une voie navigable à un port public ou à un terminal, le conducteur ou le chargeur doit donner son accord explicite dans la notification de transport originale.

4.3 Annonces de l'autorité au bateau

(1) Les annonces autorité – bateau consistent essentiellement en des confirmations et réponses à des notifications de transport précédemment envoyées, concernant des transits dans le secteur relevant de l'autorité.

(2) Les messages autorité – bateau pourraient également comprendre la transmission d'informations sur la voie navigable, par ex. des communiqués concernant la navigation et des informations sur les niveaux d'eau. Les informations de ce type ne font pas l'objet de ce standard.[3]

(3) L'échange de toutes les annonces doit être doit être effectué de manière asynchrone mais dans un délai proche.

(4) Chaque émetteur d'une notification de transport qui prend part au système électronique d'annonces doit avoir accès à une mailbox personnelle qui lui permet de réceptionner les annonces des autorités par courrier électronique, conformément à la description des annonces, sous forme de texte simple, ou, de préférence sous forme de pièce jointe au texte. Afin d'en faciliter l'utilisation, cette mailbox doit être accessible en permanence et de la même façon à tous les usagers, les coûts, l'entretien et la facilité d'emploi étant des critères à prendre en compte.

(5) Les autorités n'enverront aucune annonce qui ne corresponde aux standards définis. Les autorités n'utiliseront et n'enverront d'annonces non standards qu'à des fins spécifiques pour certaines combinaisons d'applications.

5 Services RIS assurés

Les services ci-après peuvent être supportés par l'annonce électronique des bateaux[4] :

(1) Gestion du trafic (informations stratégiques relatives au trafic, gestion des écluses et ponts)
(2) Interventions en cas d'accident
(3) Gestion du transport (gestion des ports et terminaux, gestion des marchandises et des flottes)
(4) Statistiques
(5) Droits perçus en liaison avec les infrastructures de la voie navigable (Droits sur la navigation)
(6) Contrôles frontaliers
(7) Services douaniers

Les données utilisées par les différents services sont mentionnées à l'**appendice 1** avec les définitions correspondantes.

[3] L'intégration des messages pour la navigation intérieure au système électronique d'annonces sera traitée au cours de la standardisation des Avis à la batellerie (notices-to-skippers), en liaison directe avec ECDIS intérieur.
[4] voir directives RIS 2002, chapitre 4.5.

6 Messages EDIFACT

(1) Dans le cadre des annonces électroniques en navigation intérieure, les informations sont échangées sous forme de messages.

(2) Le standard de message actuellement utilisé est UN/EDIFACT, qui stipule les règles syntaxiques pour la structure des messages (ISO 3795-1). XML peut également être utilisé (voir section 7).

(3) Le format ERI pour le signalement de matières dangereuses est le "Message international pour le signalement de l'expédition et du transport de matières dangereuses" UN/EDIFACT (*International Forwarding and Transport Dangerous Goods Notification (IFTDGN) message*"). Les administrations portuaires d'Anvers, de Brême, de Felixstowe, de Hambourg, du Havre et de Rotterdam ont créé, à partir du message IFTDGN, le message PROTECT et PROTECT a donné naissance au message d'annonce ERI pour la navigation intérieure. Cette procédure garantit l'harmonie entre la navigation maritime et la navigation intérieure pour les matières dangereuses et polluantes.

(4) La mise à profit de certaines libertés du message IFTDGN a permis d'élargir le message ERI dans le sens où les matières non dangereuses peuvent également être déclarées. Grâce à cette caractéristique, toutes les données relatives à la notification du transport et de la cargaison (données du bateau et de la cargaison pour un voyage) ont pu être regroupées en une unique annonce.

(5) Ce standard utilise pour les abréviations *(acronymes*) la présentation suivante :

MAJUSCULES :	Message EDIFACT d'origine
MAJUSCULES EN GRAS :	Message ERI découlant du message EDIFACT

(6) Le diagramme donné en **appendice 2** indique la structure de l'annonce ERI.

(7) Les messages suivants doivent être utilisés pour les annonces électroniques en navigation intérieure :

- **ERINOT** est le "message de notification ERI *(ERI Notification Message)",* découlant du message IFTDGN-98B et du message PROTECT-1.0.

  avec **types** suivants :

  - Notification de transport du bateau à l'autorité (indicateur *(identifier)* "VES"), bateau - terre
  - Notification de transport du transporteur *(carrier)* à l'autorité ("CAR"), terre - bateau
  - Notification de passage *(passage)* d'autorité à autorité ("PAS"), terre - terre

  et les fonctions suivantes, qui indiquent ce qui peut être attendu :

  - Nouveau message (indicateur "9")
  - Message de modification ("5")
  - Message de suppression ("1").
- **ERIRSP** est le message qui contient une réponse ERI (*ERI Response Message),* découlant du message APERAK.
- PAXLST est le message qui contient la liste de passagers *(Passenger List Message).* Il utilise le formulaire IMO-FAL 6 et contient les passagers ainsi que les membres d'équipage et le personnel de service.
- CUSCAR est le message qui contient le rapport sur la cargaison destiné à la douane *(Customs Cargo Report Message)* ; il utilise le formulaire IMO-FAL 2 tel qu'accepté par le G7 Group et la World Customs Organisation.
- CUSDEC est le message qui contient la déclaration douanière *(Customs Declaration Message).*
- IFTMIN est le message qui contient l'ordre (*Instruction message)* du propriétaire du bateau au conducteur, dans les fonctions

  - transport en conteneurs
  - transport en citernes[5]

[5] A développer dans le cadre des travaux des groupes d'experts "BICS navire porte-conteneurs" et "BICS bateau-citernes".

(8) Le tableau ci-après définit l'utilisation des messages:

Service RIS	**Messages (et leurs types) dans les procédures**		
	Bateau - Autorité -	**Autorité - bateau**	**Autorité - Autorité**
Gestion du trafic	**ERINOT (VES)** **ERINOT (CAR)**	**ERIRSP** Avis à la batellerie	**ERINOT (PAS)**
Interventions en cas d'accident	**ERINOT (VES)** **ERINOT (CAR)** PAXLST	**ERIRSP** Avis à la batellerie	**ERINOT (PAS)** PAXLST
Gestion du transport	**ERINOT (VES)** **ERINOT (CAR)** CUSCAR, CUSDEC	**ERIRSP** Avis à la batellerie	**ERINOT (PAS)** CUSCAR, CUSDEC
Statistiques	**ERINOT (VES)** **ERINOT (CAR)** PAXLST CUSCAR, CUSDEC		
Indications relatives à la navigation	**ERINOT (VES)** **ERINOT (CAR)**	**ERIRSP**	
Contrôles frontaliers	PAXLST	**ERIRSP**	PAXLST
Services douaniers	CUSCAR, CUSDEC	**ERIRSP**	CUSCAR, CUSDEC

(9) La procédure de rapport doit toujours commencer par le message **ERINOT** et transmettre des données supplémentaires par les messages PAXLST,CUSCAR et CUSDEC [6], en se référant au message **ERINOT**.

(10) Les messages EDIFACT doivent être appliqués sans aucune modification. Leurs définitions peuvent être trouvées dans UN/ECE UNTDID.

(11) Les descriptions précises du message **ERINOT** et **ERIRSP** figurent en **appendice 3**.

7. Messages XML

(1) Les messages XML utilisent les mêmes structures de données et listes de codes que EDIFACT.

(2) Les descriptions des messages **XML** ainsi qu'une description des conditions requises pour la conversion de messages EDIFACT en messages XML et inversement figurent à **l'appendice 5.**

[6] Le manuel d'introduction pour l'utilisation spécifique de ces 3 messages en navigation intérieure reste à élaborer.

8 Nomenclatures et listes de codes

(1) Afin de limiter le travail de traduction qui incombe aux destinataires des messages, il sera fait usage autant que possible de nomenclatures et de listes de codes.

(2) Les codes existants seront utilisés en vue d'éviter un travail spécifique de constitution et de gestion de nouvelles listes de codes.

(3) Les nomenclatures seront utilisées pour les Messages en navigation intérieure :

1 Type de bateau et de convoi *(Vessel and convoy type)*

2 Numéro officiel de bateau *(Official ship number, OFS)*

3 Numéro de bateau OMI *(IMO ship identification number, IMO number)*

4 Numéro officiel ERI *(ERI ship identification number ERN)*

5 Numéro unique européen d'identification des navires *(Unique European vessel identification number ENI)*

6 Système harmonisé pour la description et la codification des matières *(Harmonized commodity description and coding system 2002- (HS code)*

7 Nomenclature combinée pour les matières *(Combined nomenclature (CN code))*

8 Classification standard des marchandises pour les statistiques afférentes au transport / révisée *(Standard goods classification for transport statistics /Revised, NST/R)* [7]

8.1 Classification standard des marchandises pour les statistiques afférentes au transport / révisé Pays-Bas (NST/R NL) *(Standard goods classification for transport statistics /Revised The Netherlands, NST/R NL)*

8.2 Classification standard des marchandises pour les statistiques afférentes au transport / révisé France (NST/F FR) *(Standard goods classification for transport statistics /Revised France, NST/R FR)*

8.3 Classification standard des marchandises pour les statistiques afférentes au transport / révisé Allemagne (NST/R DE)*(Standard goods classification for transport statistics /Revised Germany, NST/R DE)*

9 Numéro ONU de matières dangereuses (*UN dangerous goods number, UNDG)*

10 Code international des matières dangereuses pour le trafic maritime *(International maritime dangerous goods code IMDG code)*

11 ADNR

12 Code ONU des pays *(UN country or area code)*

13 Code ONU des désignations de lieux dans le commerce et le transport *(code for trade and transport locations, UN Locode)*

14 Code pour les sections de voies navigables *(Fairway section code)*

15 Code terminal *(Terminal code)*

16 Code pour les tailles et les types de containers *(Freight container size and type code)*

17 Code pour l'identification des containeurs *(Container identification code)*

18 Code pour les types d'emballages *(Package type code)*

19 Instructions de manutention *(Handling instructions)*

20 Objet de l'appel *(Purpose of call)*

21 Nature de la cargaison *(Nature of cargo)*.

[7] Les codes NST/R à 4 caractères des différents pays n'étant pas compatibles, il est recommandé d'utiliser, pour la description de la cargaison, le code HS commun de l'organisation mondiale des douanes.

9 Protection des données et sécurité informatique

(1) Les autorités compétentes prendront les mesures nécessaires pour garantir la confidentialité, l'intégralité et la sécurité des données qui leur sont transmises conformément au présent standard. Elles ne sont habilitées à utiliser ces informations qu'aux fins correspondant aux services envisagés, par ex. pour la lutte contre les accidents, les contrôles aux frontières et la douane.

(2) Un accord sur la préservation de la confidentialité entre l'ensemble des partenaires publics et privés sera conclu pour les nouvelles applications. Celui-ci s'appuiera sur la recommandation CEE/ONU n° 26, qui contient un exemple d'"Accord type pour l'échange des données *(Model Interchange Agreement)*" rédigé en termes généraux.

Appendice 1

Données à communiquer dans les différents services et fonctions de RIS

Définitions des titres, voir Directives RIS 2002, chapitre 4.5

Type	Service / fonction à soutenir / Pays :	Gestion du trafic					Lutte contre les accidents					Logistique de transport					Statistiques					Taxes sur la navigation					Contrôle de frontière					Services douaniers					Observations
		A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10
Données des messages																																					
	Identification du message				x	x	x			x	x				x			x					x		x											Numéro du document
	Modification de l'identification du message				x	x	x			x	x				x								x		x											
	Type de document (B)																	x					x														Nouveau voyage, modification du voyage ou déchargement
	Numéro de service (B)																	x					x														
	Date et heure du document (B)																	x					x														Date et heure d'établissement du document
	Numéro de voyage (B)																	x					x														

Les champs de données en italique ne figurent pas dans les informations ERINOT. Ils pourraient être pris en compte ultérieurement en cas d'accroissement des besoins d'information.

Type	Service / fonction à soutenir / Pays :	Gestion du trafic					Lutte contre les accidents					Logistique de transport					Statistiques					Taxes sur la navigation					Contrôle de frontière					Services douaniers					Observations
		A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10
Types de voyages																																					
	Nombre de personnes à bord					x	x		x		x																x										
	Nombre de cônes bleus				x	x	x		x	x	x																										
	Protection des données nécessaire (o/n)				x	x	x			x	x				x	x																					
	Référence au voyage précédent				x	x				x	x				x	x						x		x													
	Référence au document de transport				x					x		x			x	x							x	x								x					
	Terminal de départ			x	x	x	x		x	x	x	x					x	x	(x)	(x)			x		x							(x)					
	Points de passage				x	x				x	x													x	x												
	Prochaine centrale de transport						x																														
	Itinéraire (terminaux)				x	x				x	x	x			x	x		x					x														
	Terminal de déchargement			x	x	x	x		x	x	x	x			x	x	x	x	(x)	(x)			x		x							(x)					
	Date et heure de départ				x	x	x			x	x	x			x	x							x		x												Suivant la date et l'heure sur le document (B)
	Heure de passage				x	x				x	x				x	x		x	x				x				x					(x)					
	Date et heure d'arrivée (ETA)			x	x	x	x		x	x	x	x			x	x									x												voir 1) à la fin de cette page (A)
	Nombre de membres d'équipage (D)								x	x		x												(x)													voir 2) à la fin de cette page (A)
	Nombre de passagers autorisés (D)																		x					x													
	Nombre de cabines de passagers (D)																							x													
	Nombre actuel de passagers (D)								x								x						x														
	Sens de déplacement (en amont / en aval)			x	(x)	x			x	(x)	x						x	x	x	x			x														
	Documents de chargement contrôlés ? (NL)																																				
	N° de cycle (NL)					x																															

Les champs de données en italique ne figurent pas dans les informations ERINOT. Ils pourraient être pris en compte ultérieurement en cas d'accroissement des besoins d'information.

Service / fonction à soutenir		Gestion du trafic					Lutte contre les accidents					Logistique de transport					Statistiques					Taxes sur la navigation					Contrôle de frontière					Services douaniers					Observations
Type	Pays :	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10
Données de convoi																																					
	Type de convoi			x	x	x	x		x	x	x	x			x		x		x	x					x											
	Numéro officiel du bateau				x	x	x		x	x	x	x			x				(x)	x					x					x						
	Nom du bateau principal			x	x	x	x		x	x	x	x					x		x	x					x					x						
	Port en lourd du convoi en tonnes				x	x	x		x	x	x	x					x		x	x					x					(x)						
	Nationalité du convoi				x	x	x		x	x	x	x					x		x	x					x					x						
	Longueur du convoi			x	x	x	x		x	(x)	x	x							x	x					x											
	Largeur du convoi			x	x	x	x		x	(x)	x	x							x	x																
	Tirant d'eau actuel				x	x	x			(x)	x	x							x	x																
	Etat de chargement plein / vide (D)			x	x	x				x	x								x	x																(D)
	Nombre de containers (D)				x	x				x	x								x	x					x											
	Tirant d'eau actuel du convoi (NL)				x	x				(x)																											
Données de l'émetteur du message						x	x				x	x				x											x					x					
	Nom				x		x			x		x												x	x		x					x					
	Code d'identification				(x)		x			(x)														x	x		x					x					
	Adresse																							x	x												
	Détails sur le contact																																				
	Détails sur la communication				x	x				x	x					x									x												
Données du payeur des taxes à la navigation																																					
	Nom				x					x														x	x							(x)					
	Code d'identification				(x)					(x)														x	x												
	Adresse				x																			x	x							(x)					
	Détails sur le contact																															(x)					
	Détails sur la communication				x					x														x	x												

Les champs de données en italique ne figurent pas dans les informations ERINOT. Ils pourraient être pris en compte ultérieurement en cas d'accroissement des besoins d'information.

Type	Service / fonction à soutenir / Pays :	Gestion du trafic					Lutte contre les accidents					Logistique de transport					Statistiques					Taxes sur la navigation					Contrôle de frontière					Services douaniers					Observations
		A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10
Données du fréteur																																					
	Nom				x	x				x								x					x	x	x											
	Code d'identification				(x)					(x)																											
	Adresse																	x					x	x	x											
	Détails sur le contact																																				
	Détails sur la communication									x																											
	Nationalité																	x					x		x											
Détails sur le convoi (séparément par bateau)																																					La Belgique ne travaille pas au niveau des convois
	Numéro administratif du bateau		x		x	x	x			x	x							x	x	x			x	x	x						x					
	Nom		x		x	x	x			x	x							x	x	x			x	x	x						x					Convoi complet seulement pour les services douaniers
	Port en lourd		x		x	x	x			x	x							x	x	x			x	x	x						x					
	Type		x		x	x	x			(x)	x						x	x	(x)	x			x	x	x						x					
	Longueur du bateau		x		x	x	x		x	(x)	x							x	x	x				x	x											
	Largeur du bateau		x		x	x	x		x	(x)	x							x	x	x				x	x											
	Tirant d'eau actuel				x		x			(x)								x	x	x				x	x											
	Nationalité (D)				(x)		x			(x)							x		x	x				x								(x)					Voir les données du propriétaire
	Etat de chargement plein / vide (D)				x					x									x	x				x												
	Puissance des moteurs (B)				x	x					x							x		x			x													
	Nombre de largeurs de bateaux (B)																	x		x			x													
	Bateau double coque				x	x				x	x									x																
	Tirant d'eau admissible (NL)					x																														
	Autorisation spéciale (NL)				x	x				x	x																									
Données générales sur les conteneurs																																					
	Type et nombre de conteneurs chargés					x				x	x									x					x								(x)				
	Type et nombre de conteneurs vides					x				x	x									x					x								(x)				

Les champs de données en italique ne figurent pas dans les informations ERINOT. Ils pourraient être pris en compte ultérieurement en cas d'accroissement des besoins d'information.

Service / fonction à soutenir		Gestion du trafic					Lutte contre les accidents					Logistique de transport					Statistiques					Taxes sur la navigation					Contrôle de frontière					Services douaniers					Observations
Type	Pays :	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10
Données du chargement																																					
(même port de chargement, même port de déchargement)																																					
	Nature et numéro de l'emballage interne															x				x																	
	Date et heure de chargement				x		x			x						x				x																	
	Date et heure de déchargement				x		x			x						x				x																	
	Terminal de chargement				x	x	x		x	x						x				x				x													
	Terminal de déchargement				x	x	x		x	x						x				x				x													
Données de l'expéditeur																																					
	Nom										x					x																					
	Adresse										x					x																					
Données du destinataire																																					
	Nom															x																					
	Adresse															x																					
Information suplémentaire sur les matières																																					
	Nature (dangereux, non dangereux)				(x)	x			x	x	x				x				x	x																	
	Code HS				(x)					(x)						x				x																	x
	Situation douanière 1)																							(x)													
	Code NST-R				(x)	x				x	x						x	x		x			x	x													Code NST (B)
Données des matières non dangereuses (par bateau et cargaison)																																					
	Nom des marchandises				x	x			x	x	x					x		x		x			x	x													
	Code NST-R					x				x	x					x				x				x													
	Code HS									x						x				x																	

Les champs de données en italique ne figurent pas dans les informations ERINOT. Ils pourraient être pris en compte ultérieurement en cas d'accroissement des besoins d'information.

Service / fonction à soutenir		Gestion du trafic					Lutte contre les accidents					Logistique de transport					Statistiques					Taxes sur la navigation					Contrôle de frontière					Services douaniers					Observations
Type	Pays :	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10
Données des matières dangereuses																																					
	Classe ADNR ou classe IMDG (navires de haute mer)				(x)	x	x		x	x	x				x																						
	Code de classification (cargaisons sur bateaux à cargaisons sèches seulement et pour classe 1 seulement)					x	x		x		x																										
	Numéro UN					x	x		x	x	x																										
	Nom du produit					x	x		x	x	x																										
	Synonyme					x	x		x	x	x																										
	Groupe d'emballage						x		x		x																										
	Fiche produit (produits sur bateaux à cargaisons sèches seulement)					x	x		x		x																										
	Indications sur la carte de dangers (NL)										x																										
Indications sur la localisation des matières (bateau)																																					
	Identification du bateau sur lequel se trouve la cargaison					x	x		x	x	x					x																				
	Poids					x	x				x					x																				
	Numéro et type de conteneur						x									x																(x)					
	Lieu sur le plan de chargement						x									x																(x)					
	Poids de la matière dans le container					x	x				x					x							x									(x)					Montant total, pas par conteneur (B)

Les champs de données en italique ne figurent pas dans les informations ERINOT. Ils pourraient être pris en compte ultérieurement en cas d'accroissement des besoins d'information.

Service / fonction à soutenir		Gestion du trafic					Lutte contre les accidents					Logistique de transport					Statistiques					Taxes sur la navigation					Contrôle de frontière					Services douaniers					Observations
Type	Pays :	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10

Observations :

1) Est nécessaire non seulement l'ETA mais également l'heure prévue (autorisée) d'arrivée, qui est signalée en retour par le port d'arrivée (A).

2) Autriche : Les données ci-après sont nécessaires pour le contrôle douanier (liste de l'équipage et des passagers) pour chaque personne présente à bord :
Nom, prénom, sexe, date de naissance, lieu de naissance, nature du document de voyage, numéro du document de voyage, nationalité
Administration, document de voyage valable du… au …, visa d'arrivée, membre d'équipage ou passager?

3) T=marchandise de pays tiers
C= marchandise communautaire
X = marchandise déclarée à l'exportation dans un pays membre

F = marchandise provenant d'une région non défiscalisée

(x) Les services douaniers ne figurent actuellement pas dans l'application autrichienne DORIS mais peuvent être ajoutés ultérieurement

Les champs de données en italique ne figurent pas dans les informations ERINOT. Ils pourraient être pris en compte ultérieurement en cas d'accroissement des besoins d'information.

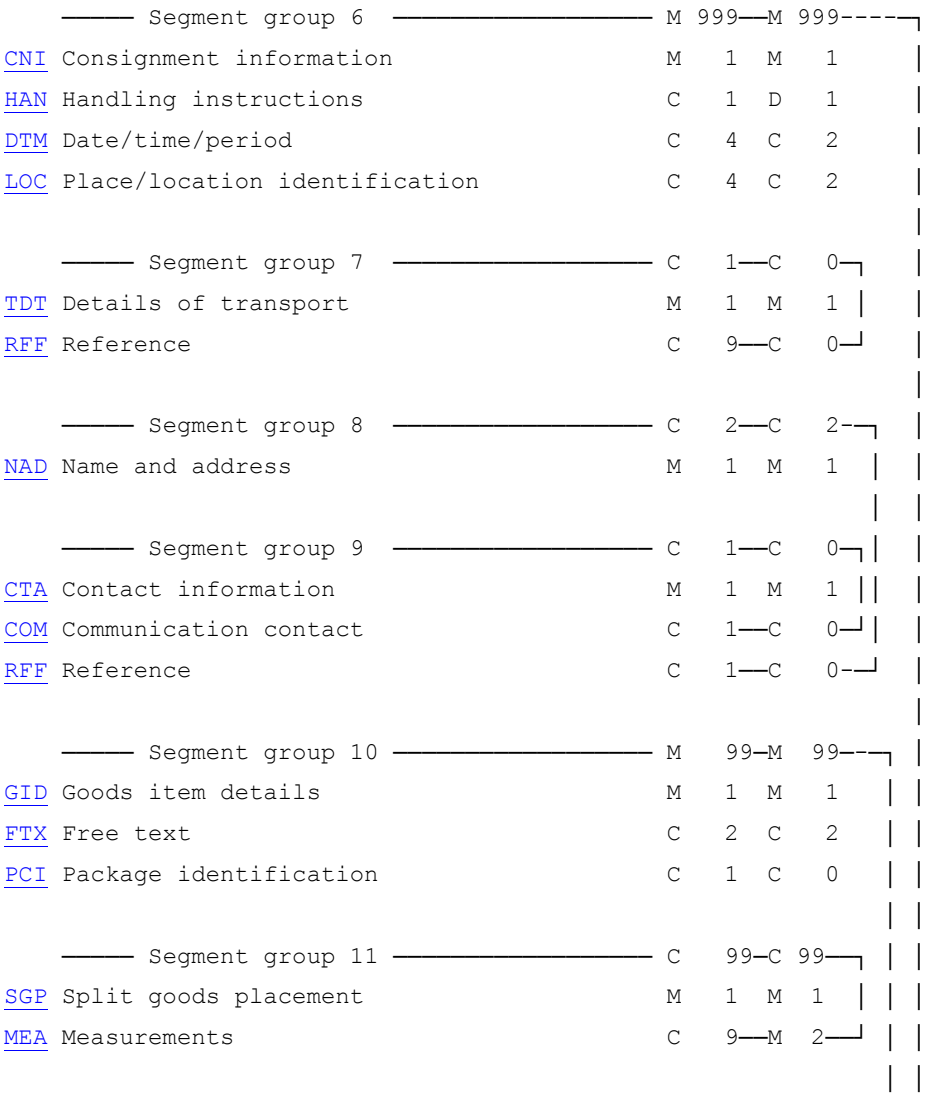
Appendice 2

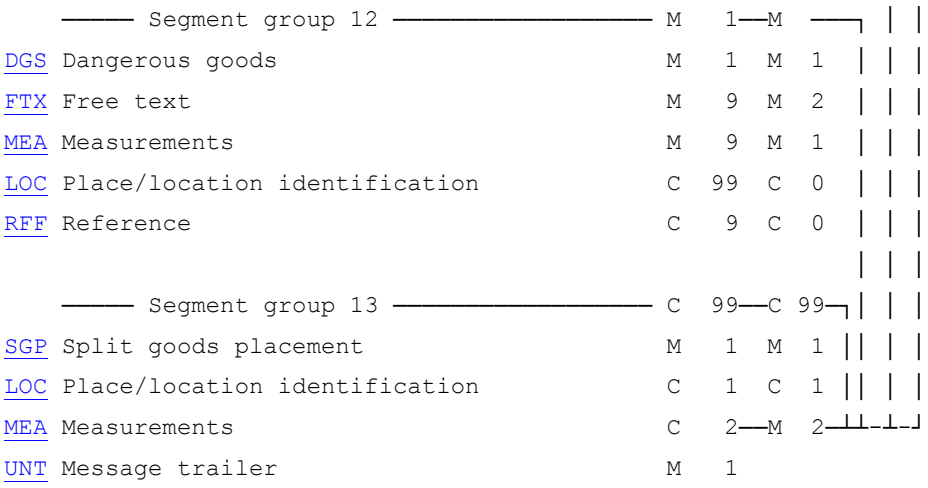
ERINOT 1.2 Table de segments et diagramme d'interconnexion

Edition 1.2, 19.10.06

1 Segment table

Tag	Name	S	R	ERI S	ERI R
UNH	Message header	M	1	M	1
BGM	Beginning of message	M	1	M	1
DTM	Date/time/period	C	9	C	0
FTX	Free text	C	9	C	3
HAN	Handling instructions	C	1	D	1
	——— Segment group 1 ———	C	9	C	3
RFF	Reference	M	1	M	1
DTM	Date/time/period	C	9		0
	——— Segment group 2 ———	C	1	M	1
TDT	Details of transport	M	1	M	1
RFF	Reference	C	9	M	9
LOC	Place/location identification	C	10	M	9
DTM	Date/time/period	C	2	C	2
	——— Segment group 3 ———	C	9	M	2
NAD	Name and address	M	1	M	1
	——— Segment group 4 ———	C	9	M	2
CTA	Contact information	M	1	M	1
COM	Communication contact	C	9	C	4
	——— Segment group 5 ———	C	999	M	19
EQD	Equipment details	M	1	M	1
MEA	Measurements	C	9	M	5


Segment group 6 M 999 M 999
CNI Consignment information M 1 M 1
HAN Handling instructions C 1 D 1
DTM Date/time/period C 4 C 2
LOC Place/location identification C 4 C 2
Segment group 7 C 1 C 0
TDT Details of transport M 1 M 1
RFF Reference C 9 C 0
Segment group 8 C 2 C 2
NAD Name and address M 1 M 1
Segment group 9 C 1 C 0
CTA Contact information M 1 M 1
COM Communication contact C 1 C 0
RFF Reference C 1 C 0
Segment group 10 M 99 M 99
GID Goods item details M 1 M 1
FTX Free text C 2 C 2
PCI Package identification C 1 C 0
Segment group 11 C 99 C 99
SGP Split goods placement M 1 M 1
MEA Measurements C 9 M 2



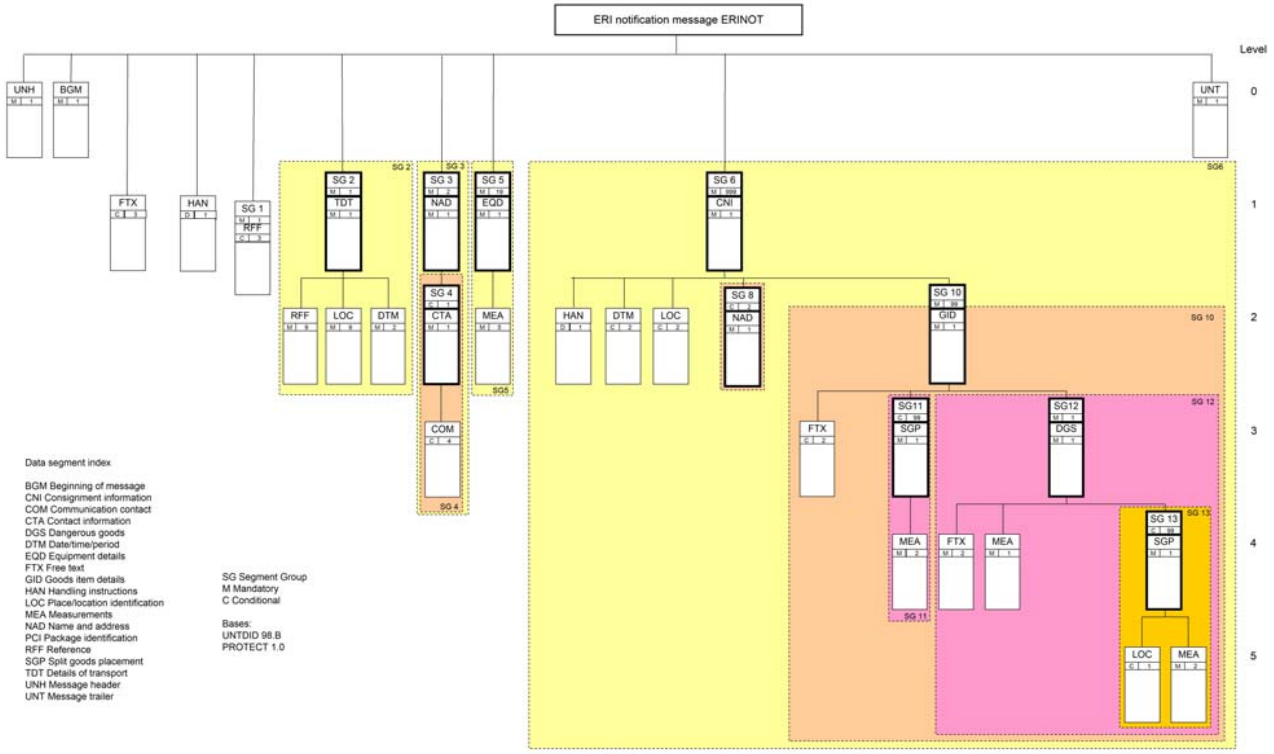
S = Status

R = Repeats

C = Conditional

M = Mandatory

2 Diagramme d'interconnexion



Appendice 3

Description des informations ERI

Version 1.2 – 19.10.2006

Sommaire

1 Introduction

Le présent document définit la structure des messages ERI dans le cadre des annonces électroniques en navigation intérieure. Les messages doivent être transmis à l'autorité compétente par des applications à bord ou à terre. Ce document définit également les messages émis par les autorités compétentes à destination d'applications à bord ou à terre.

La même structure de message est utilisée pour le signalement du passage d'un bateau d'une autorité compétente à une autre.

1.1 Structure des messages – UN/EDIFACT

Les messages UN/EDIFACT se composent de plusieurs segments. La structure d'un message est décrite par un tableau de segments (*segment table)* et un diagramme d'interconnexion qui indique les positions et les relations des segments

Les éléments de données *(data element)* à utiliser dans le message sont définis pour chaque segment. Certains éléments de données sont regroupés en éléments de données composites *(composite data elements)*.

La syntaxe des messages est fixe (ISO 9735-1).

Un segment et un élément de données à l'intérieur d'un segment peut être obligatoire (mandatory) ou facultatif (conditional). Les segments et/ou éléments de données obligatoires contiennent des données importantes pour l'application destinatrice et doivent être remplis de données sensibles. Les éléments facultatifs peuvent être absents d'un message.

Chaque message commence par deux segments, l' “entête variable” *(interchange header, UNB)* et l' "entête du message“ *(message header, UNH)*. Chaque message se termine par les segments "label de fin de message“ *(message trailer, UNT)* et "label de fin variable" *(interchange trailer, UNZ)*. Ainsi, chaque message est contenu dans un échange de données et un échange de données ne contient qu'un seul message.

1.2 Description des segments et éléments de données

Les segments et éléments de données sont décrits dans les tableaux 1 et 2.

La colonne 1 contient le nom sous la forme d'une abréviation *(acronym, TAG)* du groupe de segments, représenté par la hiérarchie des noms de segments aux niveaux supérieurs. Cette indication découle du diagramme d'interconnexion.

La colonne 2 contient le nom du segment sous la forme d'une abréviation *(TAG)*, le nombre d'éléments de données composites et le nombre d'éléments de données.

La colonne 3 contient le niveau auquel se situe le segment dans le diagramme d'interconnexion.

La colonne 4 indique si le segment ou l'élément de donnée est obligatoire *(mandatory, M)* ou facultatif *(conditional, C)*.

La colonne 5 définit le format de l'élément de données.

La colonne 6 contient le nom de l'élément de données. Les noms des segments figurent en caractères majuscules gras, les noms des éléments de données composites en caractères majuscules normaux et les noms des éléments de données en caractères minuscules normaux.

La colonne 7 contient la description des éléments de données (champs). La valeur figure entre guillemets lorsqu'une valeur fixe doit être utilisée.

1.3 Conventions sur les formats de données

Les conventions ci-après s'appliquent aux définitions de format pour les éléments de données :

- a3 3 lettres ASCII de A à Z ;
- an..3 Jusqu'à 3 caractères 3 alphanumériques (les vides sont remplis par des espaces) ;
- n..9 Jusqu'à 9 caractères numériques (8 chiffres et 1 signe moins), justifiés à droite, précédés d'espaces ou de zéros ;
- n3.2 Valeur numérique à 3 chiffres, justifiée à droite, précédée d'espaces.

Si une grandeur inférieure est utilisée dans la description ERI, des parenthèses l'indiquent. La place restante dans un élément de données est remplie d'espaces.

2 Message de notification ERI ERINOT

Le message de notification ERI (*ERI notification message* **ERINOT**) est une application particulière du "Message international d'expédition et de transport de matières dangereuses" UN/EDIFACT (***International Forwarding and Transport Dangerous Goods Notification (IFTDGN*) Message)**, développé dans le cadre de l'organisation PROTECT et agréé par l'OMI. Le message **ERINOT** s'appuie sur EDIFACT Directory 98.B et Protect Version 1.0.

Un message de notification est établi et transmis à l'autorité compétente pour chaque transport.

Le tableau de segments et le diagramme d'interconnexion du message **ERINOT 1.2** figurent en appendice 2.

Afin que le message puisse être utilisé également dans des circonstances particulières, par ex. dans le cas des convois, certains marqueurs (*qualifier*) particuliers ont été mis en place pour les segments RFF dans le groupe TDT.

2.1 Structure du message ERINOT

Le **tableau 1** définit la structure des segments et des éléments de données du message de notification ERI

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	UNB	0	M		**INTERCHANGE HEADER**	
	S001		M		SYNTAX IDENTIFIER	
	0001		M	a4	Syntax identifier	"UNOA" Controlling agency level A
	0002		M	n1	Syntax version number	"2"
	S002		M		INTERCHANGE SENDER	
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name
	0007		C	an..4	Partner identification code qualifier	n.a.
	0008		C	an..14	Address for reverse routing	n.a.
	S003		M		INTERCHANGE RECIPIENT	
	0010		M	an..35 (an25)	Recipient identification	Mailbox number or unique name
	0007		C	an..4	Partner identification code qualifier	n.a.
	0014		C	an..14	Routing address	n.a.
	S004		M		DATE / TIME OF PREPARATION	
	0017		M	n6	Date	Generation date, YYMMDD
	0019		M	n4	Time	Generation time, HHMM
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number.
	S005		C		RECIPIENTS REFERENCE, PASSWORD	n.a
	0022			an..14	Recipient's reference / password	n.a.
	0025			an2	Recipient's reference, password qualifier	n.a.
	0026			an..14	Application reference	n.a.
	0029			a1	Processing priority code	n.a.
	0031		C	n1	Acknowledgement request	"1" = Sender requests acknowledgement, i.e. UNB and UNZ segments received and identified
	0032			an..35	Communications agreement id	n.a.
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	UNH	0	M		**MESSAGE HEADER**	Identification, specification and heading of a message
	0062		M	an..14	Message reference number	First 14 positions of the message reference number.
	S009		M		MESSAGE IDENTIFIER	
	0065		M	an..6	Message type	"IFTDGN", message type
	0052		M	an..3	Message version number	"D",
	0054		M	an..3	Message release number	"98B"
	0051		M	an..2	Controlling agency	"UN",
	0057		M	an..6	Association assigned code	ERI12", ERI Version 1.2
	0068		O	an..35	Common access reference	The reference code to have a common denominator for all messages for the same voyage.
	S010				STATUS OF THE TRANSFER	n.a.
	0070			n..2	Sequence of transfers	n.a.
	0073			a1	First and last transfer	n.a.
	BGM	0	M		**BEGINNING OF MESSAGE**	Identification of the type and function of the message
	C002		M		DOCUMENT / MESSAGE NAME	
	1001		M	an..3	Document / message name code	**Type** of Message: "VES", from vessel to RIS authority message; "CAR", from carrier to RIS authority message "PAS", passage report from RIS authority to RIS authority
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	1000			an..35	Document / message name	n.a.
	C106		M		DOCUMENT / MESSAGE IDENTIFICATION	
	1004		M	an..35 (an15)	Document identifier	Message reference number. This number should be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number should be used. The transitional system should in this case not generate another message reference number
	1056			an..9	Version	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	1060			an..6	Revision number	n.a.
	1225		M	an..3	Message function code	**Function** of message: "1" = cancellation message, "9" = new message, (original) "5" = modification message
	4343		C	an..3	Response type code	AQ
	FTX (1)	1	C		**FREE TEXT**	To notify the number of **persons on board** and the number of **blue cones**
	4451		M	an..3	Text subject code qualifier	**"**SAF" for safety explanation
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441			an..17	Free text identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	Text
	4440		M	an.. 70 (n4)	Free text	Total number of persons on board
	4440		C	an.. 70 (an1)	Free text	'0', '1', '2', '3' for number of cones (inland vessel) , "B" for red signal flag (maritime vessel), "V" for specal permit
	4440		C	an.. 70 (n4)	Free text	Number of passengers
	4440			an.. 70	Free text	n.a.
	4440			an.. 70	Free text	n.a.
	3453			an.. 3	Language, coded	n.a.
	4447			an..3	Text formatting, coded	n.a.
	FTX (2)	1	C		**FREE TEXT**	**To indicate whether the information in the message may be forwarded by the receiver to other authorities**
	4451		M	an..3	Text subject code qualifier	"ACK" for "Privacy statement" or "Confidential nature"
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441			an..17	Free text identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					agency	
	C108		M		TEXT LITERAL	
	4440		M	an..70 (a1)	Free text	"Y" = Yes, "N" = No
	4440			an..70	Free text	n.a.
	4440			an..70	Free text	n.a.
	4440			an..70	Free text	n.a.
	4440			an..70	Free text	n.a.
	3453			an..3	Language, coded	n.a.
	4447			an..3	Text formatting, coded	n.a.
	FTX		**C**		Free text	**Reason for cancellation**
	4451		M	an..3	Text subject code qualifier	"ACD" cancellation reason
	4453			an..3	Free text function code	n.a.
	C107		M		TEXT REFERENCE	Text identification
	4441		M	an..17	Free text identification	CAM" mistake in notification "CAO" transport does not take place "CAV" the main transport destination has changed "CHD" the time of arrival has changed
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		M			Text
	4440		M	an..70	Free text	Free description of the reason
	4440		C	an..70	Free text	Free text for further explanation
	4440		C	an..70	Free text	Free text for further explanation
	4440		C	an..70	Free text	Free text for further explanation
	4440		C	an..70	Free text	Free text for further explanation
	3453		C	an..3	Language, coded	n.a.
	4447		C	an..3	Text formatting, coded	n.a.
	HAN(1)	1	D			
	C524		M		HANDLING INSTRUCTIONS	
	4079		M		Handling instructions, coded	Default "T' T = Transit LLO = Loading LDI = Unloading

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						TSP= Transit in the same port
	1131		C		Code list qualifier	n.a.
	3055		C		Code list responsible agency, coded	n.a.
	4078		C		Handling intructions	n.a.
	C218		C		HAZERDOUS MATERIAL	n.a.
	7419		C		Hazardous material class code, indentification	n.a.
	1131		C		Code list qualifier	n.a.
	3055		C		Code list responsible agency, coded	n.a.
	7418		C		Hazerdous material class	n.a.
	RFF (1)	1	C		**REFERENCE**	Reference to the message for which the current message is a **replacement**. Mandatory if the message is a modification or a cancellation message
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"ACW" for reference number to previous message
	1154		M	an..35 (an15)	Reference number	Message reference number from BGM, TAG 1004 of the message this message replaces.
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
	RFF (2)	1	C		**REFERENCE**	Reference to **transport document**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"FF" for "freight forwarder´s reference number"
	1154		M	an..35	Reference number	Reference number of the transport document
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
	RFF (3)	1	C		**REFERENCE**	Reference to a **test scenario**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"ADD" for test number
	1154		M	an..35	Reference number	Test scenario identification, which

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						should be known at the receiving party
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**TDT**	1	M		**DETAILS OF TRANSPORT**	Specification of the means of transport, the **naming vessel within a convoy** (a single vessel without barge is also a convoy in this context)
	8051		M	an..3	Transport stage code qualifier	"20" for main carriage transport
	8028		C	an..17	Conveyance reference number	Voyage number, defined by sender of the message.
	C220		M		MODE OF TRANSPORT	
	8067		M	an..3	Mode of transport, coded	"8" for Inland water transport", "1" for maritime transport (see UN/ECE Rec. 19)
	8066			an..17	Mode of transport	n.a.
	C228		M		TRANSPORT MEANS	
	8179		M	an..8 (an4)	Type of means of transport identification, **convoy type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex 4 no. 1
	8178			an..17	Type of means of transport	n.a.
	C040				CARRIER	n.a.
	3127			an..17	Carrier identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3128			an..35	Carrier name	n.a.
	8101			an..3	Transit direction, coded	n.a.
	C401				EXCESS TRANSPORTATION INFORMATION	
	8457			an..3	Excess transportation reason	n.a.
	8459			an..3	Excess transportation responsibility	n.a.
	7130			an..17	Customer authorization number	n.a.
	C222		M		TRANSPORT IDENTIFICATION	
	8213		M	an..9 (an7..8)	ID. of means of transport identification	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						vessel identification number
	1131		M	an..3	Code list qualifier	"OFS" for a Official Ship Number of CCNR system, see Annex 4 no. 2 "IMO" for an IMO-number, see Annex 4 no. 3 "ERN" for all other ships (Electronic Reporting International Number), see Annex 4 no. 4 "ENI" for a unique European vessel identification number, see Annex 4 no. 5
	3055			an..3	Code list responsible agency	n.a.
	8212		M	an..35	Id. Of the means of transport	**Name of the ship;** If the name results in more than 35 positions, the name of the vessel is shortened
	8453		M	an..3	Nationality of means of transport	ISO two-alpha country code 3166-1, see Annex 4 no. 12 If the nationality of the means of transport is not known the 3 digit code of the competent authority which issued the European Vessel Identification Number should be used.
	8281			an..3	Transport ownership	n.a.
TDT	**RFF (1)**	2	M		**REFERENCE**	Dimensions of the transport, **length**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"LEN" = Length
	1154		M	an..35 (n..5)	Reference number	Total length of the convoy t in centimetres
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (2)**	2	M		**REFERENCE**	Dimensions of the transport, **width**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"WID"
	1154		M	an..35 (n..4)	Reference number	Total width of the convoy in centimetres
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
TDT	**RFF (3)**	2	M		**REFERENCE**	Dimensions of the transport, **draught**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"DRA"
	1154		M	an..35 (n..4)	Reference number	Draught of the convoy in centimetres,
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (4)**	2	**C**		**REFERENCE**	Dimensions of the transport, **the height**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"HGT"
	1154		M	an..35 (n..4)	Reference number	Height of the convoy above the waterline in centimetres,
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (5)**	2	M		**REFERENCE**	Dimensions of the transport**, tonnage**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"TON"
	1154		M	an..35 (n..5)	Reference number	Maximum capacity of the convoy in metric tonnes,
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (6)**	2	C		**REFERENCE**	**National voyage reference, Belgium**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNB"
	1154		M	an..35	Reference number	Government reference of Belgium
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
TDT	**RFF (7)**	2	C		**REFERENCE**	**National voyage reference, France**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNF"
	1154		M	an..35	Reference number	Government reference of France
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (8)**	2	C		**REFERENCE**	**National voyage reference, Germany**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNG"
	1154		M	an..35	Reference number	Government reference of Germany
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (9)**	2	C		**REFERENCE**	**National voyage reference, reserved 1**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GN1"
	1154		M	an..35	Reference number	Government reference,reserved 1
1	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**LOC (1)**	2	M		**PLACE/LOCATION IDENTIFICATION**	**Port of departure**, the port where the transport starts
	3227		M	an..3	Place / location qualifier	"5" place of departure
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Annex 4 no. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					agency	
	3224		C	an..70 (an..17)	Place / location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4 no. 15
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	Full name of the terminal.
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4 no. 14
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (2)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Passage point that has already being passed** by the ship. This segment and the TDT/DTM(2) segment with qualifier 186 are mandatory for passage reports
	3227		M	an..3	Place / location qualifier	"172" for passage point
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the passage point (lock, bridge, traffic centre), see Annex 4 no. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the passage point
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Passage point code
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	3222			an..70	Related place / location one	n.a.
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4 no. 14
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (3)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Next passage point**
	3227		M	an..3	Place / location qualifier	"61 " for next port of call
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the passage point (lock, bridge, VTS centre) , see Annex 4 no. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the passage point
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25	Related place / location one identification	Passage point code
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	n.a.
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4 no. 14
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.

Table 1: ERI notification message ERINOT						
Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
TDT	**LOC (4..8)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Further future passage points** (information on intended route). At most five intermediate points on the route can be given. The order of passage should be the order within the message.
	3227		M	an..3	Place / location qualifier	"92 " for routing
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location Code (Rec. 16) of the passage point (lock, bridge, traffic centre) , see Annex 4 no. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..17	Place / location	Full name of the passage point
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Passage point code
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Passage datetime	YYMMDDHHMM as "201" of DTM 2379
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4 no. 14
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (9)**	2	M		**PLACE/LOCATION IDENTIFICATION**	**Port of destination**. This is the first port where the transport is bound.
	3227		M	an..3	Place / location qualifier	"153" for place of call
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the port, see Annex 4 no. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	3224		C	an..70 (an..17)	Place / location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4 no. 15
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	Full name of the terminal.
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4 no. 14
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**DTM (1)** to LOC(1)	2	C		**DATE / TIME / PERIOD**	**Departure time** (estimated).
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	“133” for departure date/time, estimated
	2380		M	an..35	Date or time period value	Value of departure time
	2379		M	an..3	Date or time or period format code	“201” for YYMMDDHHMM
TDT	**DTM (2)** to LOC (2)	2	C		**DATE / TIME / PERIOD**	**Passage time**, as **recorded** by the traffic centre
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	“186” for departure time, actual
	2380		M	an..35	Date or time period value	Value of passage time: YYMMDDHHMM
	2379		M	an..3	Date or time or period format code	“201” for YYMMDDHHMM
TDT	**DTM (3)** to LOC (9**)**	2	C		**DATE / TIME / PERIOD**	**Estimated time of arrival at port of destination**

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	"132" for arrival time, estimated
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM
NAD	**NAD (1)**	1	M		**NAME and ADDRESS**	name and address of **message sender**
	3035		M	an..3	Party function code qualifier	"MS" for Message sender
	C082		C		PARTY IDENTIFICATION DATAILS	
	3039		M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
	3036		M	an..35	Party name	Sender name.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059		C		STREET	
	3042		M	an..35	Street and number / p.o. box	Street and number or post office box
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o.	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					box	
	3164		C	an..35	City name	City
	3229			an..9	Country sub-entity identification	n.a.
	3251		C	an..9	postcode identification	Postal identification code
	3207		C	an..3	country	ISO 3166-1 two alpha country code, see Annex 4 no.12
NAD	**CTA**	2	C		**CONTACT INFORMATION**	Sender contact details
	3139			an..3	Contact function	n.a.
	C056		M		DEPARTMENT OR EMPLOYEE DETAILS	
	3413			an..17	Department or employee identification	n.a.
	3412		M	an..35	Department or employee	“ERI”, dummy value
NAD/CTA	**COM**	4	C		**COMMUNICATION CONTACT**	Sender communication contact details (Max. 4 times)
	C076		M		COMMUNICATION CONTACT	
	3148		M	an..70	Communication number	Communication number
	3155		M	an..3	Communication channel qualifier	“TE” for telephone number “FX” for fax number “EM” for E-mail address “EI” for EDI mailbox number (EDI number **or** E-mail address for NAD 1 is mandatory if a response in the form of an ERIRSP message is requested for. If no response is requested, the EDI number and E-mail address is not to be used).
NAD	**NAD (2)**	1	C		**NAME and ADDRESS**	Name and address of **agent/invoicee**
	3035		M	an..3	Party function code qualifier	"CG" for agent / invoice address (for VNF this segment is mandatory).
	C082		C		PARTY IDENTIFICATION DATAILS	
	3039		M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with ‘900000000’
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	C058				NAME AND ADDRESS	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
	3036		M	an..35	Party name	Sender name.
	3036		C	an..35 (an..25)	Invoice number	Invoice number of the agent/invoicee
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059		C		STREET	Street
	3042		M	an..35	Street and number / p.o. box	Address (street name + number or post office box number)
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3164		C	an..35	City name	City
	3229			an..9	Country sub-entity identification	n.a.
	3251		C	an..9	Postcode identification	Postal code
	3207		C	an..3	Country	ISO 3166-1 two alpha country code, see Annex 4 no. 12
EQD	**EQD (V)** **(1)**	1	M		**EQUIPMENT DETAILS**	Specification of the **VESSELS** within the convoy (for each vessel 1 segment, also the main vessel), **propulsed vessel**
	8053		M	an..3	Equipment type code qualifier	"BRY" for vessel participating in the propulsion.
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17 (an7) (an8)	Equipment identification number	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of CCNR system,

Table 1: ERI notification message ERINOT						
Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						see Annex 4 no. 2 "IMO" for an IMO number, see Annex 4 no. 3 "ERN" for an Electronic Reporting International Number, see Annex 4 no. 4 "ENI" for a unique European vessel identification number, see Annex 4 no. 5
	3055			an..3	Code list responsible agency	n.a.
	3207			an..3	Country	n.a.
	C224		M		EQUIPMENT SIZE AND TYPE	
	8155		M	an..10 (an..4)	Equipment size and type identification, **vessel type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex 4 no. 1
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	8154			an..35	Equipment size and type	**Name** of the vessel. If the name results in more than 35 positions, the name of the vessel is shortened
	8077			an..3	Equipment supplier	n.a.
	8249			an..3	Equipment status	n.a.
	8169			an..3	Full / empty indicator	n.a.
EQD	**EQD (V) (2 - 15)**	1	C		**EQUIPMENT DETAILS**	Specification of the **VESSELS** within the convoy (for each vessel 1 segment, also the main vessel) **not propulsed vessels**
	8053		M	an..3	Equipment type code qualifier	"BRN" for vessel not participating in the propulsion
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17 (an7..8)	Equipment identification number	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of the CCNR system, see Annex 4 no. 2 "IMO" for an IMO number, see Annex 4 no. 3 "ERN" for an Electronic Reporting Number, see Annex 4 no. 4, "ENI" for a unique European vessel identification number, see Annex 4 no. 5.
	3055			an..3	Code list responsible agency	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	3207			an..3	Country	n.a.
	C224		M		EQUIPMENT SIZE AND TYPE	
	8155		M	an..10 (an..4)	Equipment size and type identification, **vessel type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex 4 no. 1
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	8154			an..35	Equipment size and type	**Name** of the vessel. If the name results in more than 35 positions, the name of the vessel is shortened.
	8077			an..3	Equipment supplier	n.a.
	8249			an..3	Equipment status	n.a.
	8169			an..3	Full / empty indicator	n.a.
EQD	**MEA (1)**	2	M		**MEASUREMENTS**	**Vessel Length**
	6311		M	an..3	Measurement purpose qualifier	**"**DIM" for dimension
	C502				MEASUREMENT DETAILS	
	6313			an..3	Property measured	"LEN" for length
	6321			an..3	Measurement significance	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"CMT" for centimetre (UN/ECE Rec 20, Annex 3. Common code)
	6314		M	an..18 (n5)	Measurement value	Length
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
EQD	**MEA (2)**	2	M		**MEASUREMENTS**	**Vessel Width**
	6311		M	an..3	Measurement purpose code qualifier	**"**DIM" for dimension
	C502				MEASUREMENT DETAILS	
	6313			an..3	Property measured	"WID" for width.
	6321			an..3	Measurement significance	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"CMT" for centimetre (UN/ECE Rec 20, Annex 3: Common code)
	6314		M	an..18 (n4)	Measurement value	Width
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
EQD	**MEA (3)**	2	M		**MEASUREMENTS**	**Vessel Draught**
	6311		M	an..3	Measurement purpose code qualifier	"DIM" for dimension
	C502				MEASUREMENT DETAILS	Size details
	6313			an..3	Property measured	"DRA" for draught
	6321			an..3	Measurement significance	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"CMT" for centimetre (UN/ECE Rec 20, Common code)
	6314		M	an..18 (n4)	Measurement value	Draught
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
EQD	**MEA (4)**	2	C		**MEASUREMENTS**	**Vessel Tonnage**
	6311		M	an..3	Measurement purpose code qualifier	**"VOL" for volume**
	C502				MEASUREMENT DETAILS	Size details
	6313			an..3	Property measured	"AAM" for gross tonnage.
	6321			an..3	Measurement significance	n.a.
	6155			an..17	Measurement attribute identification	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec 20, Common code)
	6314		M	an..18 (n6)	Measurement value	Tonnage (capacity)
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
	EQD (C) (1..15)	1	C		**EQUIPMENT DETAILS**	Specification of the number of **CONTAINERS**
	8053		M	an..3	Equipment type code qualifier	"CN" for container
	C237				EQUIPMENT IDENTIFICATION	
	8260			an..17	Equipment identification number	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3207			an..3	Country	n.a.
	C224		M		EQUIPMENT SIZE AND TYPE	
	8155		M	an..10 (an5)	Equipment size and type identification	Container **range**: "RNG20" for containers having a length between 20 and 29 feet, "RNG30" for containers having a length between 30 and 39 feet, "RNG40" for containers having a length of 40 feet or more
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	8154			an..35	Equipment size and type	n.a.
	8077			an..3	Equipment supplier	n.a.
	8249			an..3	Equipment status	n.a.
	8169		M	an..3	Full / empty indicator	Container **status**: "5" for loaded, "4" for empty, "6" for no volume available
EQD	**MEA (5)**	2	M	**EQD(2)**	**MEASUREMENTS**	Specification of the **number of containers**
	6311		M	an..3 (an2)	Measurement purpose qualifier	"NR" for number

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	C502				MEASUREMENT DETAILS	n.a.
	6313			an..3	Property measured	n.a.
	6321			an..3	Measurement significance	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"NUM" for number (see UN/ECE Rec. 20, common code)
	6314		M	an..18 (n1..4)	Measurement value	Number of containers of the given type and status.
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
CNI	**CNI**	1	M		**CONSIGNMENT INFORMATION**	**Consignment** (similar source / destination) specification of the transported **cargo**
	1490		M	n..4	Consolidation item number	Sequence number of the consigment. For modifications, the same sequence number is to be used
	C503				DOCUMENT / MESSAGE DETAILS	n.a.
	1004			an..35	Document / message number	n.a.
	1373			an..3	Document / message status, coded	n.a.
	1366			an..70	Document / message source	n.a.
	3453			an..3	Language, coded	n.a.
	1056			an..9	Version	n.a.
	1060			an..6	Revision number	n.a.
	1312			n..4	Consignment load sequence number	n.a.
	HAN(1)	1	D			
	C524		M		HANDLING INSTRUCTIONS	
	4079		M		Handling instructions, coded	Default "T'

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	1131		C		Code list qualifier	n.a.
	3055		C		Code list responsible agency, coded	n.a.
	4078		C		Handling intructions	n.a.
	C218		C		HAZERDOUS MATERIAL	n.a.
	7419		C		Hazardous material class code, indentification	n.a.
	1131		C		Code list qualifier	n.a.
	3055		C		Code list responsible agency, coded	n.a.
	7418		C		Hazerdous material class	n.a.
CNI	**DTM (1)**	2	C		**DATE / TIME / PERIOD**	Estimated **arrival time** at the discharge place
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	"132" for arrival time, estimated
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM
CNI	**DTM (2)**	2	C		**DATE / TIME / PERIOD**	Estimated **departure time** from the loading place
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	"133" for departure time, estimated
	2380		M	an..35	Date or time period value	Time: YYMMDDHHMM
	2379		M	an..3	Date or time or period format code	"201"
CNI	**LOC (1)**	2	C		**PLACE / LOCATION IDENTIFICATION**	Specification of the **loading place** of the cargo
	3227		M	an..3	Place / location qualifier	"9" for place / port of loading
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), of the loading place, see Annex 4 no. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					agency	
	3224		C	an..70 (an..17)	Place / location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4 no. 15
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70 (an..17)	Related place / location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4 no. 14
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
CNI	**LOC (2)**	2	C		**PLACE / LOCATION IDENTIFICATION**	Specification of the **discharge place** of the cargo
	3227		M	an..3	Place / location qualifier	“11” for place / port of discharge
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Annex 4 no. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the port
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4 no. 15
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222		C	an..70 (an..17)	Related place / location one	Full name of terminal

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4 no. 14
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an.. 5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
CNI/ NAD	**NAD (1)**	2	C		**NAME AND ADDRESS**	**Cargo sender** name
	3035		M	an..3	Party function code qualifier	"SF" for ship from
	C082		C		PARTY IDENTIFICATION DETAILS	
	3039		M	an..35 (an..25)	Party identifier	EDI number of cargo sender
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
	3036		M	an..35	Party name	Ship from name.
	3036		C	an..35 (an..25)	Party name	Invoice number
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059				STREET	Street
	3042			an..35	**Street and number or post office box**	
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o.	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					box	
	3042			an..35	Street and number / p.o. box	n.a.
	3164		M	an..35	City name	
	3229			an..9	Country sub-entity identification	n.a.
	3251			an..9	Postcode identification	n.a.
	3207			an..3	Country	n.a.
CNI/ NAD	**NAD (2)**	2	C		**NAME AND ADDRESS**	**Cargo receiver** name
	3035		M	an..3	Party function code qualifier	"ST" for ship to
	C082		M		PARTY IDENTIFICATION DETAILS	
	3039		M	an..35 (an..25)	Party identification	EDI number of receiver of cargo
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
	3036		M	an..35	Party name	Ship to name
	3036		C	an..35 (an..25)	Party name	Invoice number.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059				STREET	Street
	3042			an..35	Street and number / p.o. box	
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o.	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					box	
	3164		M	an..35	City name	
	3229			an..9	Country sub-entity identification	n.a.
	3251			an..9	Postcode identification	n.a.
	3207			an..3	Country	n.a.
CNI	**GID (1..99)**	2	M		**GOODS ITEM DETAILS**	per **vessel** and per **good** a new GID segment
	1496		M	n..5	Goods item number	Sequence number of the good within a consigment. Unique within the CNI
	C213				NUMBER AND TYPE OF PACKAGES	
	7224		C	n..8	Number of packages	Default value is “1”
	7065			an..17	Type of packages identification	see Annex 4 no. 18
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	n.a.
	7233			an..3	Packaging related information, coded	n.a.
	C213				NUMBER AND TYPE OF PACKAGES	n.a.
	7224			n..8	Number of packages	n.a.
	7065			an..17	Type of packages identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	n.a.
	7233			an..3	Packaging related information	n.a.
	C213		C		NUMBER AND TYPE OF PACKAGES	
	7224		M	n..8	Number of packages	Number of inner **packages**
	7065		M	an..17 (a2)	Type of packages identification	UN/ECE recommendation No. 21, see Annex 4 no. 18
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	n.a.
	7233			an..3	Packaging related	n.a.

Table 1: ERI notification message ERINOT						
Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					information	
CNI/ GID	**FTX (1)**	3	C		**FREE TEXT**	**Extra goods information**
	4451		M	an..3	Text subject code qualifier	"ACB" for additional information
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441			an..17	Free text identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	
	4440		M	an..70 (an1)	Free text	**type of good**: "D" for Dangerous "N" for Non-dangerous
	4440		C	an..70 (n6..10)	Free text	**HS code**, can be left blank if unknown and good is dangerous, see Annex 4 no. 6
	4440		C	an..70 (a1)	Free text	**Customs status**: "T" = Third country good "C" = Communal good "F" = Good from non-fiscal area "X" = Good declared for export in a member state
	4440		C	an..70 (an..35)	Free text	Customs document reference **number** for goods of type "T", "F", or "X"
	4440		C	an..70 (an1)	Free text	Overseas destination "Y" = with overseas destination "N" = without an overseas destination
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.
CNI/ GID	**FTX (2)**	3	C		**FREE TEXT**	**Goods description of non-dangerous cargo**
	4451		M	an..3	Text subject code qualifier	"AAA" for goods description
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	n.a.
	4441			an..17	Free text identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	
	4440		M	**an..70**	Free text	Goods **name** of the non-dangerous cargo

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	4440		C	an..70 (n6)	Free text value	**NST/R code** of the non-dangerous cargo. Extended by "00" if only 4 digits are known, and "000" if only 3 digits are known, see Annex 4 no. 8.
	4440		C	an..70 (n6..10)	Free text	**HS code** of the non-dangerous cargo, see Annex 4 no. 6
	4440			an..70	Free text	Aditional goods description.
	4440			an..70	Free text	n.a.
	3453			an..3	Language, coded	n.a.
	4447			an..3	Text formatting	n.a.
CNI/ GID	**SGP (1..99)**	3	C		**SPLIT GOODS PLACEMENT**	**Specification of the location of the non-dangerous cargo within the means of transport**
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17 (an7) (an8)	Equipment identification number	**Ship number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number
	1131		M	an..3	Code list qualifier	"IMO" for an IMO number , see Annex 4, No. 3 "OFS" for a Official Ship Number of CCNR system, see Annex 4 no. 2 "ERN" for an Electronic Reporting Number, see Annex 4 no. 4, "ENI" for a unique European vessel identification number, see Annex 4 no 5
	3055			an..3	Code list responsible agency	n.a.
	3207			an..3	Country	n.a.
	7224			n..8	Number of packages	n.a.
CNI/ GID/ SGP	**MEA**	4	M		**MEASUREMENTS**	**Specification of the weight of a non dangerous good on board the vessel**
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing
	6321			an..3	Measurement significance	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)
	6314		M	an..18 (n9)	Measurement value	weight in kilogram
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			an..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
CNI/ GID/ SGP	**MEA**	4	C		**MEASUREMENTS**	**Specification of the tonnage of a non dangerous good on board the vessel**
	6311		M	an..3	Measurement purpose qualifier	"VOL" for weights
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	"AAX" The observed volume after adjustment for factors such as temperature or gravity
	6321			an..3	Measurement significance	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec. 20)
	6314		M	an..18 (n9)	Measurement value	Tonnage
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			an..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
CNI/ GID	**DGS**	3	M		**DANGEROUS GOODS**	**Dangerous goods identification**
	8273		M	an..3	dangerous goods regulations	"ANR" for inland vessels (CCNR ADNR code) "IMD" for sea going vessels (IMO IMDG code)
	C205		M		HAZARD CODE	
	8351		M	an..7	Hazard code identification	**ADN(R), or IMDG code,** see Annex 4 no. 10 or No. 11
	8078		C	an..7	Additional hazard classification identifier	ADNR danger classification code, see Annex 4 no. 11

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	8092			an..10	Hazard code version number	n.a.
	C234		M		UNDG INFORMATION	
	7124		M	n4	UNDG number	**UN number** (UNDG code), see Annex 4 no. 9
	7088			an..8	Dangerous goods flashpoint	n.a.
	C223		C		DANGEROUS GOODS SHIPMENT FLASHPOINT	
	7106		M	n..3	Shipment flashpoint	**Flashpoint** of the good transported
	6411		M	an..3	Measure unit qualifier	"CEL" for Celsius "FAH" for Fahrenheit .
	8339		C	an..3	Packing group	"1" for great danger "2" for medium danger "3" for minor danger ..
	8364		C	an..6	EMS number	Emergency Procedures
	8410		C	an..4	MFAG number	Medical First Aid Guide
	8126			an..10	TREM card number	n.a.
	C235		C		HAZARD IDENTIFICATION PLACARD DETAILS	**Placards** mandatory for dangerous goods on dry cargo vessels
	8158		M	an..4	Hazard identification number, upper part	see ADN(R)
	8186		M	an..4	Substance identification number, lower part	see ADN(R)
	C236				DANGEROUS GOODS LABEL	n.a.
	8246			an..4	Dangerous goods label marking	n.a.
	8246			an..4	Dangerous goods label marking	n.a.
	8246			an..4	Dangerous goods label marking	n.a.
	8255			an..3	Packing instruction	n.a.
	8325			an..3	Category of means of transport	n.a.
	8211			an..3	Permission for transport	n.a.
CNI/ GID/ DGS	**FTX (1)**	4	M		**FREE TEXT**	**Dangerous good description**
	4451		M	an..3	Text subject code qualifier	"AAD" for dangerous goods, **technical** name
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	4441			an..17	Free text identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	
	4440		M	an..70 (an..50)	Free text	Name of dangerous good (**proper shipping** name)
	4440			an..70	Free text value	Aditional goods description
	4440			an..70	Free text	n.a.
	4440			an..70	Free text	n.a.
	4440		C	an..70	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.
CNI/ GID/ DGS	**FTX (2)**	4	C		**FREE TEXT**	**Additional information**
	4451		M	an..3	Text subject code qualifier	"AAC" for dangerous goods additional information
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441		M	an..17	Free text identification	"SYN" for indication that a synonym follows
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	
	4440		M	an..70 (an..50)	Free text	**Synonym** of the dangerous good
	4440			an..70	Free text	n.a.
	4440			an..70	Free text	n.a.
	4440			an..70	Free text	n.a.
	4440			an..70	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.
CNI/ GID/ DGS	**MEA**	4	M		**MEASUREMENTS**	**Total weight of the dangerous good within a transport**
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)
	6314		M	an..18	Measurement value	Weight of the dangerous good in the consigment
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
CNI/ GID/ DGS	**SGP (1..99)**	4	M		**SPLIT GOODS PLACEMENT**	**Specification of the location of the goods.** If the goods are transported in containers, this segment should contain the identification of the vessel(barge) the container is stowed on.
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17 (an7..8)	Equipment identification number	**Ship number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of CCNR system, see Annex 4 no. 2 "IMO" for an IMO-number, see Annex 4 no. 3 "ERN" for an Electronic Reporting Number, see Annex 4 no. 4, "ENI" for a unique European vessel identification number, see Annex 4 no 5.
	3055			an..3	Code list responsible agency	n.a.
	3207			an..3	Country	n.a.
	7224			n..8	Number of packages	n.a.
CNI/ GID/	**MEA**	5	M		**MEASUREMENTS**	**Total of the goods within the vessel.**

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
DGS/SGP						
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)
	6314		M	an..18	Measurement value	Weight of the goods in the vessel
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
CNI/ GID/ DGS/SGP	**MEA**	5	C		**MEASUREMENTS**	**Total tonnage of the goods within the vessel.**
	6311		M	an..3	Measurement purpose qualifier	"VOL" for weights
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	"AAX" The observed volume after adjustment for factors such as temperature or gravity
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec. 20)
	6314		M	an..18	Measurement value	Tonnage
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
CNI/ GID/ DGS	**SGP**	4	C		**SPLIT GOODS PLACEMENT**	**The location of the goods if in containers.** If the goods are transported in containers at least one SGP combination specifying the ship on which the container is stowed must be specified.
	C237		M		EQUIPMENT IDENTIFICATION	Identification
	8260		M	an..17	Equipment identification number	**Container identification** code (owner code, identifier, serial number. check digit), see Annex 4 no. 17
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3207			an..3	Country	n.a.
	7224			n..8	Number of packages	n.a.
CNI/ GID/ DGS/ SGP	**LOC**		C		**PLACE / LOCATION IDENTIFICATION**	**Stowage location**
	3227		M	an..3	Place / location qualifier	“147” for Stowage cell
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25	Place / location identification	“BBBRRTT” for Bay / Row / Tier
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224			an..70	Place / location	n.a.
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.
	3223			an..25	Related place / location one identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	n.a.
	C553				RELATED LOCATION TWO IDENTIFICATION	n.a.
	3233			an..25	Related place / location two identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	3232			an..70	Related place / location two	n.a.
	5479			an..3	Relation	n.a.
CNI/ GID/ DGS/ SGP	**MEA**	5	M		**MEASUREMENTS**	**Specification of the weight of the good in the container**
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	Container type (ISO 6364 chapter 4 and annexes D and E)
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)
	6314		M	an..18	Measurement value	Weight of the good in this container
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
CNI/ GID/ DGS/SGP	**MEA**	5	C		**MEASUREMENTS**	**Total tonnage of the goods within the vessel.**
	6311		M	an..3	Measurement purpose qualifier	"VOL" for weights
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	"AAX" The observed volume after adjustment for factors such as temperature or gravity
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec. 20)

Table 1: ERI notification message ERINOT						
Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	6314		M	an..18	Measurement value	Tonnage
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.
	UNT		M		**MESSAGE TRAILER**	**End and control of completeness of the message**
	0074		M	n..6	Number of segments in a message	
	0062		M	an..14	Message reference number	First 14 positions of the message reference number
	UNZ		M		**INTERCHANGE TRAILER**	**End and control of the interchange**
	0036		M	n..6	Interchange control count	"1" for number of messages contained in the interchange
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number

2.2 Segments factices

Dans certains cas, notamment pour le message de passage **ERINOT(PAS)**, il est nécessaire d'employer des segments factices (*dummy segments*) dans les groupes de segments obligatoires. Ces segments factices obéissent aux règles suivantes :

- CNI group:
  - CNI: sequence number: '9999'
- CNI/GID group:
  - GID: sequence number: '99999'
- CNI/GID/DGS group:
  - DGS:
    - Class type: 'IMD'
    - Classification: '0.0'
    - UNDG number: '0000'
  - FTX AAD: good name: 'DUMMY'
  - MEA: weight: 0

2.3 Bateaux vides

Lorsqu'un bateau vide est annoncé, les groupes de segments obligatoires obéissent aux règles suivantes :

1. Empty of non-dangerous goods:
   - CNI group:
     - CNI: sequence number: ‘9999’
   - CNI/GID group:
     - GID: sequence number: ‘99999’
   - CNI/GID/DGS group:
     - DGS:
       - Class type: ‘IMD’
       - Classification: ‘0.0’
       - UNDG number: ‘0000’
     - FTX AAD: good name: ‘DUMMY’
     - MEA: weight: 0

2. Empty of dangerous goods:
   - CNI group:
     - CNI: valid sequence number
     - LOC: source and destination (current voyage)
   - CNI/GID group:
     - GID: valid sequence number
     - FTX ACB: type of good: ‘D’, HS-code of (previous) dangerous good
   - CNI/GID/DGS group:
     - DGS: dangerous goods details (previous cargo)
     - FTX AAD: dangerous good name
     - MEA: weight: 0
     - SGP: details of the empty vessel
     - MEA: weight: 0

2.4 Transport de matières non dangereuses en conteneurs

Lorsque des conteneurs sont transportés, les groupes obligatoires obéissent aux règles supplémentaires suivantes si un conteneur ne contient pas de matières dangereuses :

- CNI group:
  - CNI: valid sequence number
  - LOC: source and destination
- CNI/GID group:
  - GID: valid sequence number
  - FTX ACB: type of good: 'N', HS-code of the good
  - FTX AAA, good name, NST/R code of the good, HS code of the good
  - SGP: details of the vessel
  - MEA: total weight of the non-dangerous good in the vessel
- CNI/GID/DGS group:
  - DGS:
    - Class type: 'IMD'
    - Classification: '0.0'
    - UNDG number: '0000'
- FTX AAD: good name: 'DUMMY'
- MEA: weight: 0
- SGP group (1):
  - SGP: vessel details
  - MEA: weight of the good in the vessel
- SGP group (2-99):
  - SGP: Container number
  - LOC: Stowage cel
- MEA: weight of the good in the container

La manière d'entrer les données pour un conteneur qui contient des matières non dangereuses est identique à la manière de procéder pour un container qui contient des matières dangereuses. Pour des raisons de compatibilité avec les versions antérieure, les données du bateau sont entrées deux fois.

2.5 Conteneurs avec des détails inconnus sur les produits ou conteneurs vides

Lors du transport de conteneurs dont les détails des matières sont inconnus ou si les conteneurs sont vides, les règles complémentaires suivantes s'appliquent :

EQD group:

EQD: container range
MEA: number of containers in the given range

CNI group:

CNI: valid sequence number
LOC: source and destination

CNI/GID group:

GID: valid sequence number
FTX ACB: type of good: 'N', HS-code
FTX AAA: good name, NST/R code, HS-code
SGP: details of the vessel
MEA: total weight of the containers in the given range

CNI/GID/DGS group:

dummy group

Depending on the range of containers the following codes have to be used:

	HS-code	NST/R code
Containers 20 ft empty	8609000002	991001
Containers 30 ft empty	8609000004	991002
Containers 40 ft empty	8609000003	991003
Containers 20 ft loaded	8609000007	991004
Containers 30 ft loaded	8609000008	991005
Containers 40 ft loaded	8609000009	991006

2.6 Annulation d'une notification

Lorsqu'une notification est annulée, l'information suivante doit être fournie :

- BGM element 1225 = “1”.
- RFF(ACW) element 1154 must refer to the last message sent.
- All other segments (TDT, CNI etc) must contain the same information as specified in the last notification message sent.

3 Message de réponse ERI ERIRSP

Ce chapitre définit les messages de réponse émis par le centre SIF. Le message ERIRSP découle du message UN/EDIFACT APERAK.

Les messages de réponse aux fonctions (nouveau, modification ou suppression) du message de notification ERI ERINOT présentent tous la même structure. La réponse à une modification ou une suppression contient des informations indiquant si la modification ou la suppression est traitée par le système destinataire. Une réponse est uniquement nécessaire lorsque le segment NAD (1)/COM avec le marqueur “EI” contient le numéro de mailbox ou que le segment avec le marqueur “EM” contient l'adresse e-mail pour la réponse.

3.1 Structure du message ERIRSP

Le **tableau 2** définit les segments du message de réponse ERI.

Table 2: ERI response message ERIRSP

Segment Group	**Segment C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	UNB	0	M		**INTERCHANGE HEADER**	
	S001		M		SYNTAX IDENTIFIER	
	0001		M	a4	Syntax identifier	“UNOA” Controlling agency
	0002		M	n1	Syntax version number	“2”
	S002		M		INTERCHANGE SENDER	
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name
	0007			an..4	Partner identification code qualifier	n.a.
	0008			an..14	Address for reverse routing	n.a.
	S003		M		INTERCHANGE RECIPIENT	
	0010		M	an..35 (an25)	Recipient identification	Mailbox number or unique name
	0007			an..4	Partner identification code qualifier	n.a.
	0014			an..14	Routing address	n.a.
	S004		M		DATE / TIME OF PREPARATION	
	0017		M	n6	Date	Generation date, YYMMDD
	0019		M	n4	Time	Generation time, HHMM
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number.
	S005				RECIPIENTS REFERENCE, PASSWORD	
	0022			an..14	Recipient’s reference / password	n.a.

Table 2: ERI response message ERIRSP

Segment Group	**Segment C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	0025			an2	Recipient's reference, password qualifier	n.a.
	0026			an..14	Application reference	n.a.
	0029			a1	Processing priority code	n.a.
	0031		C	n1	Acknowledgement request	"1" = Sender wishes receipt notification
	0032			an..35	Communications agreement id	n.a.
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message
	UNH	0	M		**MESSAGE HEADER**	Identification, specification and heading of a message
	0062		M	an..14	Message reference number	First 14 positions of the message reference number.
	S009		M		MESSAGE IDENTIFIER	
	0065		M	an..6	Message type	"APERAK", message type
	0052		M	an..3	Message version number	"D",
	0054		M	an..3	Message release number	"98B"
	0051		M	an..2	Controlling agency	"UN",
	0057		M	an..6	Association assigned code	"ERI10", ERI version 1.0
	0068			an..35	Common access reference	n.a.
	S010				STATUS OF THE TRANSFER	
	0070			n..2	Sequence of transfers	n.a.
	0073			a1	First and last transfer	n.a.
	BGM	0	M		**BEGINNING OF MESSAGE**	Identification of the type and function of the message
	C002		M		DOCUMENT / MESSAGE NAME	
	1001		M	an..3	Document / message name code	Type of message received for which this message contains the acknowledgement information: "VES", from vessel to RIS authority message; "CAR", from carrier to RIS authority message "PAS", passage report from RIS authority to RIS authority
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	1000			an..35	Document / message name	n.a.
	C106		M		DOCUMENT / MESSAGE IDENTIFICATION	

Table 2: ERI response message ERIRSP

Segment Group	**Segment C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	1004		M	an..35 (an15)	Document identifier	Message reference number. This number should be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number should be used. The transitional system should in this case not generate another message reference number
	1056			an..9	Version	n.a.
	1060			an..6	Revision number	n.a.
	1225		M	an..3	Message function code	Function of ,message: "9" = new message
	4343		M	an..3	Response type code	"AP" accepted "RE" rejected. The notification is rejected if the transport already is active.
	DTM	1	C		**DATE / TIME / PERIOD**	**The date / time that the receiving application encounters the approval or rejection**
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	"137" for document / message date / time
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM
	RFF (1)	1	C		**REFERENCE**	Reference to previous message
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"ACW" for reference number to previous message
	1154		M	an..35	Reference number	Message reference number from BGM, TAG 1004 of the message this message refers to.
	1156		C	an..6	Line number	n.a.
	4000		C	an..35	Reference version number	n.a.
	1060		C	an..6	Revision number	n.a.
	RFF (2)	1	C		**REFERENCE**	Reference to transaction / invoice number
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"AAY" for reference number to transaction

Table 2: ERI response message ERIRSP

Segment Group	**Segment C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	1154		M	an..35	Reference number	Reference number assigned by the receiving authority. The reference number should start with the UN country code followed by three positions for the assigning system. The final part is the actual reference number.
	1156		C	an..6	Line number	n.a.
	4000		C	an..35	Reference version number	n.a.
	1060		C	an..6	Revision number	n.a.
NAD	**NAD (1)**	1	M		**NAME and ADDRESS**	Name and address of the sender of the notification
	3035		M	an..3	Party function code qualifier	"MS" for Message sender
	C082				PARTY IDENTIFICATION DATAILS	n.a.
	3039			an..35	Party identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
	3036		M	an..35	Party name	Name of the sender of the notification.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059		C		STREET	
	3042		M	an..35	Street and number / p.o. box	Street and number or post office box
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.

Table 2: ERI response message ERIRSP

Segment Group	**Segment C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	3164		C	an..35	City name	City
	3229			an..9	Country sub-entity identification	n.a.
	3251		C	an..9	postcode identification	Postal identification code
	3207		C	an..3	country	ISO 3166-1 two alpha country code
NAD	**COM**	2	C		**COMMUNICATION CONTACT**	Sender communication contact details (max. 2 times)
	C076		M		COMMUNICATION CONTACT	
	3148		M	an..70	Communication number	Communication number
	3155		M	an..3	Communication channel qualifier	“TE” for telephone number “FX” for fax number
	ERC	1	C		**APPLICATION ERROR INFORMATION**	
	C901		M		APPLICATION ERROR DETAIL	
	9321		M	an..8	Application error	Application error code
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
ERC	**FTX**	2	C		**FREE TEXT**	To communicate the reason for rejection
	4451		M	an..3	Text subject code qualifier	**“AAO”** for free text error description
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441			an..17	Free text identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		C		TEXT LITERAL	Text
	4440		M	an.. 70	Free text	Further description
	4440		C	an.. 70	Free text	Further description
	4440		C	an.. 70	Free text	Further description
	4440		C	an.. 70	Free text	Further description
	4440		C	an.. 70	Free text	Further description
	3453			an.. 3	Language, coded	n.a.
	4447			an..3	Text formatting, coded	n.a.

Table 2: ERI response message ERIRSP

Segment Group	**Segment C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	UNT		M		**MESSAGE TRAILER**	**End and control of completeness of the message**
	0074		M	n..6	Number of segments in a message	
	0062		M	an..14	Message reference number	First 14 positions of the message reference number
	UNZ		M		**INTERCHANGE TRAILER**	**End and control of the interchange**
	0036		M	n..6	Interchange control count	"1" for number of messages contained in the interchange
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number

1 Vessel and convoy type

FULL TITLE	Codes for types of means of transport Annex 2, chapter 2.5: Inland water transport
ABBREVIATION	UN Recommendation 28
ORIGINATING AUTHORITY	UNECE/CEFACT http://www.unece.org/cefact
LEGAL BASIS	UN Recommendation 28, ECE/Trade/276; 2001/23
CURRENT STATUS	Operational
IMPLEMENTATION	March 2001
AMENDMENT	26-août-02
STRUCTURE	4-digit alphanumeric code: 1 digit: "1" for maritime navigation, "8" for "inland navigation" 2 digits for vessel or convoy 1 digit for subdivision used and maintained by ERI
SUCCINCT DESCRIPITION	This recommendation establishes a common code list for the identification of the type of means of transport. It has a particular relevance to transport organisations and providers, Customs and other authorities, statistical offices, forwarders, shippers, consignees and other parties concerned with transport.
LINKED CLASSIFICATIONS	UN Recommendation No. 19
MEDIA THROUGH WHICH AVAILABLE	http://www.unece.org/cefact/recommendations/rec_index.htm http://www.RISexpertgroups.org
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	The main set of code values is governed by an international body (UNECE). To ensure harmonization, one single set of code values representing also additional vessel types as maintained through the ERI Expert Group can be used by all RIS applications.

Example

8010	Motor freighter (Inland)
1500	General cargo vessel (sea)

Usage in this standard TDT/C228/8179 (convoy)
EQD(B)/C224/8155 (vessel)

Annexes

4.1 UNECE Recommendation No. 28: Codes for types of means of transport, Inland Navigation

4.2 Code list in 4 languages

2 Official Ship Number (OFS)

FULL TITLE	Official Ship Number
ABBREVIATION	OFS
ORIGINATING AUTHORITY	Central Commisssion for the Navigation of the Rhine (CCNR)
LEGAL BASIS	§ 2.18 Rheinschiffsuntersuchungsordnung
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT	
STRUCTURE	2-digit country code (an) 5 digit register no. (an) Country codes: 01 - 19 France 20 - 39 The Netherlands 40 - 49 Germany 60 - 69 Belgium 70 - 79 Switzerland 80 - 99 Other countries
SUCCINCT DESCIRPITION	
LINKED CLASSIFICATIONS	
USAGE	Inland navigation
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	Central Commission for the Navigation of the Rhine, 2, Place de la Republique, F-67082 Strasbourg Cedex, France
REMARKS	This code will in future be replaced by the unique European vessel identification number

Example

4112345	Germany, Gerda

Usage in this Standard

TDT/C222/8213
EQD(1)/C237/8260
SGP/C237/8260

3 IMO Ship Identification Number

FULL TITLE	IMO Ship Identification Number
ABBREVIATION	IMO No.
ORIGINATING AUTHORITY	International Maritime Organization
LEGAL BASIS	IMO Resolution A.600(15), SOLAS chapter XI, regulation 3
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT	
STRUCTURE	Lloyd´s Register of Shipping (LR) number (seven digits).
SUCCINCT DESCRIPITION	The IMO Resolution aims at assigning a permanent number to each ship for identifying purposes.
LINKED CLASSIFICATIONS	
USAGE	For seagoing ships
MEDIA THROUGH WHICH AVAILABLE	www.ships-register.com
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	International Maritime Organization 4 Albert Embankment London SE1 7SR United Kingdom

Example

Vessel dwt 277467	Danchem East 9031624
Usage in this standard	TDT/C222/8213 EQD(1)/C237/8260 SGP/C237/8260

4 Electronic Reporting Number (for ship identification) ERN

FULL TITLE	Electronic Reporting Number (for ship identification)
ABBREVIATION	ERN
ORIGINATING AUTHORITY	Rijkswaterstaat, The Netherlands
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
LIMIT OF OPERATIONAL LIFE	
AMENDMENT	
STRUCTURE	8-digit number
SUCCINCT DESCRIPITION	
LINKED CLASSIFICATIONS	
USAGE	In Electronic Ship Reporting (ERI) for ships which do not have an OFS nor an IMO number
MEDIA THROUGH WHICH AVAILABLE	www.bics.nl
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	helpdesk@bics.nl
REMARK	This code will in future be replaced by the unique European vessel identification number.

Example

12345678	Renate

Usage in this standard

TDT/C222/8213
EQD(1)/C237/8260
SGP/C237/8260

5 Unique European vessel identification number (ENI)

FULL TITLE	Unique European vessel identification number
ABBREVIATION	ENI
ORIGINATING AUTHORITY	European Union
LEGAL BASIS	Directive 2005/44/EC
CURRENT STATUS	
IMPLEMENTATION DATE	01/04/2007
LIMIT OF OPERATIONAL LIFE	
AMENDMENT	Continuously
STRUCTURE	8-digit number
SUCCINCT DESCRIPITION	The unique European vessel identification number aims at assigning a permanent number to each hull for identifying purposes.
LINKED CLASSIFICATIONS	IMO number, ERN number, OFS number
USAGE	In Electronic Ship Reporting, Tracking and Tracing and certification of vessels for inland vessels
MEDIA THROUGH WHICH AVAILABLE	Competent authorities shall keep a register. Access will be granted to competent authorities of other Member States, to contracting states of the Mannheim Convention and to other parties based on administrative agreements.
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	CCNR, EU
REMARK	The unique European vessel identification Number ENI consists of eight Arabic numerals. The first three digits are the code of the assigning competent authority. The next five digits are a serial number.

Example
12345678

Usage in this standard

TDT, EQD (V1 and V2-V15)
CNI/GID and
CNI/GID/DGS, Tag 1311

6 Harmonized system code (HS)

FULL TITLE	Harmonized Commodity Description and Coding System 2002
ABBREVIATION	HS 2002; Harmonized System 2002
ORIGINATING AUTHORITY	World Customs Organization
LEGAL BASIS	International Convention on the Harmonized Commodity Description and Coding System
CURRENT STATUS	Operational
IMPLEMENTATION	01/01/2001
AMENDMENT DATE	In principle revised every few year; next revision is planned to come in force on 01.01.07
STRUCTURE	7,466 headings, organized in four hierarchial levels Level 1: sections coded by Roman numerals (I to XXI) Level 2 chapters identified by two-digit numerical codes Level 3: headings identified by four-digit numerical codes level 4: sub-headings identified by six-digit numerical code
SUCCINCT DESCRIPITION	HS is a classification of goods by criteria based on raw material and the stage of production of commodities. The industrial origin criterion is considered whenever it is compatible with the main criteria set out above. HS is the heart of the whole process of harmonization of international economic classifications beeing jointly conducted by the United Nations Statistics Division and Eurostat. Its items and sub-items are the fundamental terms on which industrial goods are identified in product classifications. Objectives: to harmonize a) external trade classifications to guarantee direct correspondence; and b) countrie´s external trade statistics and to guarantee that these are comparable internationally
LINKED CLASSIFICATIONS	Combined Nomenclature (CN): full agreement on six-digit-level; NST/R on 3-digit level
USAGE	Products
MEDIA THROUGH WHICH AVAILABLE	World Customs Organization Rue de l´industrie, 26-39 B-1040 Brussels www.wcoomd.org Customs Co-operation Council, Brussels
LANGUAGES	Dutch, English, French, German etc.
ADDRESS OF RESPONSIBLE AGENCY	A subset of the codes used for electronic reporting will be maintained through the ERI Expert Group.
REMARKS	The HS classification is further disaggregated at European Union level into a classification called Combined Nomenclature (CN).

Example

730110	Sheet piling of iron or steel
310210	Mineral or chemical fertilisers, ammonium sulphate

Usage in this standard CNI/GID/FTX(1)/C108/4440
CNI/GID/FTX(2)/C108/4440

7 Combined nomenclature (CN)

FULL TITLE	Combined Nomenclature, 2002
ABBREVIATION	CN 2002
ORIGINATING AUTHORITY	EU Commission, Statistical Office EUROSTAT
LEGAL BASIS	EU Council, Regulation No. 2658/87 of 23 July 1987
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT	Annual revisions at 01 January
STRUCTURE	8-digit numerical code: 19,581 headings organised in five hierarchical levels: Level 1: sections coded by Roman numerals (I to XXI) Level 2 chapters identified by two-digit numerical codes Level 3: headings identified ba four-digit numerical codes level 4: sub-headings identified by six-digit numerical code level 5: categories identified by eight-digit numerical codes
SUCCINCT DESCRIPITION	The Combined Nomenclature is the goods classification used within the EU for the purposes of foreign trade statistics. It is also used by the EU for customs duty purposes. The classification is based on the Harmonized System (HS) which it sub-divides where necessary for purposes of external trade, agricultural regulation and customs duties. The CN was introduced in 1988 together with the HS .
LINKED CLASSIFICATIONS	HS code: full agreement on six-digit-level NST/R on 3-digit level
USAGE	Products
MEDIA THROUGH WHICH AVAILABLE	RAMON: Eurostat´s classification server, www.eurostat.org
LANGUAGES	all languages of the EU
ADDRESS OF RESPONSIBLE AGENCY	EUROSTAT
REMARKS	

Usage in this standard indirectly through HS code

8 Standard goods classification for transport statistics / revised (NST/R)

FULL TITLE	Nomenclature uniforme de marchandises pour les Statistiques de Transport Standard Goods Classification for Transport Statistics / Revised
ABBREVIATION	NST / R
ORIGINATING AUTHORITY	European Commission (Statistical Office / Eurostat)
LEGAL BASIS	
CURRENT STATUS	Operational, but presently under revision
IMPLEMENTATION DATE	01/01/1967
AMENDMENT	Regularly every two years
STRUCTURE	3-digit numerical code. Level 1: 10 chapters,identified by one-digit numerical codes (0 to 9) Level 2: 52 groups identified by two-digit numerical codes Level 3: 176 headings identified by three-digit numerical codes
SUCCINCT DESCIRPITION	The NST/R was devised by Eurostat for the harmonization of statistics on national and international transport in the Member States of the European Communities
LINKED CLASSIFICATIONS	Commodity Classification for Transport Statistics in Europe (CSTE), HS Code in one way (HS > NST/R)
USAGE	Products
MEDIA THROUGH WHICH AVAILABLE	http://ec.europa.eu/comm/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM_DTL&StrNom=NSTR_1967&StrLanguageCode=EN&IntPcKey=
LANGUAGES	Dutch, English, French, German etc.
ADDRESS OF RESPONSIBLE AGENCY	Statistical Office of the European Communities (Eurostat) Unit C2 Batiment BECH A3/112 L-2920 Luxembourg
REMARKS	

Example

729	Composite and other manufactured fertilisers
321	Motor sprit

Usage in this standard CNI/GID/FTX(2)/C108/4440

8.1 Standard goods classification for transport statistics / revised The Netherlands (NST/R NL)

FULL TITLE	Standard Goods Classification for Transport Statistics / Revised; The Netherlands
ABBREVIATION	NST/R-NL, HS Code in one way (HS > NST/R)
ORIGINATING AUTHORITY	
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT	Regularly every two years
STRUCTURE	4-digit numerical code
SUCCINCT DESCIRPITION	The NST/R-NL is based on the 3-digit NST/R classification of Eurostat
LINKED CLASSIFICATIONS	NST/R, HS Code in one way (HS > NST/R)
USAGE	Statistics
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	Dutch
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	On level 4 not compatible with NST/R-FR and NST/R-DE

Example

7290	Mengmeststoffen en andere gefabriceerde meststoffen
3210	Benzine

Usage in this standard CNI/GID/FTX(2)/C108/4440

8.2 Standard goods classification for transport statistics / revised France (NST/R FR)

FULL TITLE	Nomenclature uniforme de marchandises pour les Statistiques de Transport
ABBREVIATION	NST/R-FR
ORIGINATING AUTHORITY	
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT	Regularly every two years
STRUCTURE	4-digit numerical code
SUCCINCT DESCIRPITION	The NST/R-FR is based on the 3-digit NST/R classification of Eurostat
LINKED CLASSIFICATIONS	NST/R, HS Code in one way (HS > NST/R)
USAGE	Waterway charges invoicing, Statistics
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	French
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	On level 4 not compatible with NST/R-NL and NST/R-DE

Example

7291	Engrais composes et autres engrais manufactures
3210	Essence de petrole

Usage in this standard CNI/GID/FTX(2)/C108/4440

8.3 Standard goods classification for transport statistics / revised Germany (NST/R DE)

FULL TITLE	Güterverzeichnis für den Verkehr auf deutschen Binnenwasserstraßen
ABBREVIATION	GV-Binnenwasserstraßen; NST/R-DE
ORIGINATING AUTHORITY	Wasser- und Schifffahrtsdirektion West, Münster
LEGAL BASIS	By order of the Ministry of Transport, Germany
CURRENT STATUS	operational
IMPLEMENTATION DATE	01/01/1986
AMENDMENT	Regularly every two years
STRUCTURE	4-digit numerical code Level 1: 10 chapters, identified by one-digit numerical code (0 to 9)
	Level 2: 52 groups identified by two-digit numerical codes
	Level 3: 176 headings identified by three-digit numerical codes
	Level 4: 1-digit amendment specific for invoicing and statistics
SUCCINCT DESCRIPITION	The "GV-Binnenwasserstraßen" is based on the 3-digit NST/R classification of Eurostat and the "Güterverzeichnis 1969" of the Statistisches Bundesamt
LINKED CLASSIFICATIONS	NST/R, HS Code in one way (HS > NST/R)
	Güterverzeichnis für die Verkehrsstatistik (GV)
USAGE	Waterway charges invoicing, Statistics
MEDIA THROUGH WHICH AVAILABLE	WSD West, Münster
LANGUAGES	German
ADDRESS OF RESPONSIBLE AGENCY	see above
REMARKS	On level 4 not compatible with NST/R-FR and NST/R-NL

Example

7290	Mineralische Mehrstoffnährdünger
3210	Benzin

Usage in this standard CNI/GID/FTX(2)/C108/4440

9 UN Dangerous goods number (UNDG)

FULL TITLE	UN Recommendations on the Transport of Dangerous Goods Annex "Model Regulations" Part 3 "Dangerous Goods List" Appendix A "List of generic and N.O.S. proper shipping names"
ABBREVIATION	UN Model Regulations; UNDG
ORIGINATING AUTHORITY	UNECE
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	as of 1956, the model regulations 1996
LIMIT OF OPERATIONAL LIFE	
AMENDMENT	
STRUCTURE	4-digit numerical code
SUCCINCT DESCRIPITION	The UN recommendations on the Transport of Dangerous Goods adress the following main areas: - List of dangerous goods most commonly carried and their identification and classisfication; - Consignment procedures; - Standards for packagings, test procedures and certification - Standards for multi-modal tank-containers, test procedures and certification.
LINKED CLASSIFICATIONS	IMDG code
USAGE	Transport of dangerous goods
MEDIA THROUGH WHICH AVAILABLE	http://www.unece.org/trans/danger/publi/unrec/ It is mandatory to add or change the used codes whenever this is indicated through the updates provided by the maintenance agency
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	Transport Division United Nations Economic Commission for Europe Palais des nations CH-1211 Geneve 10 www.unece.org
REMARKS	In this standard only the 4-digit UN number is used (not class and division)

Example

1967	Gas sample, non-pressurised, toxic
Usage in this standard	CNI/GID/DGS/C234/7124

10 International maritime dangerous goods code (IMDG)

FULL TITLE	International Maritime Dangerous Goods Code
ABBREVIATION	IMDG Code
ORIGINATING AUTHORITY	International Maritime Organization IMO
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	18/ mai 1965
AMENDMENT	01.01.2001 (30th amendment), approximately every 2 years
STRUCTURE	2-digit numerical code: 1-digit numerical for class 1-digit numerical for division
SUCCINCT DESCRIPITION	The IMDG code governs the vast majority of shipments of hazardous material by water. The code is recommended to governments for adoption as the basis for national regulations in conjunction with the SOLAS convention.
LINKED CLASSIFICATIONS	The code is based on the UN Recommendations on the Transport of Dangerous Goods (UNDG)
USAGE	Maritime transport of dangerous and harmful goods
MEDIA THROUGH WHICH AVAILABLE	www.imo.org
LANGUAGES	Dutch, English, French, German
ADDRESS OF RESPONSIBLE AGENCY	International Maritime Organization 4 Albert Embankment London SE1 7SR United Kingdom
REMARKS	For inland shipping the IMO code can be used as this code is often already known. Where necessary an ADN/R code corresponding with the IMDG code should be inserted.

Example

32	Flammable liquid, not otherwise specified (Ethanol)
Usage in this standard	CNI/GID/DGS/C205/8351

11 ADNR

FULL TITLE	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure du Rhin
ABBREVIATION	ADNR
ORIGINATING AUTHORITY	Central Commisssion for the Navigation on the Rhine
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	operational
AMENDMENT DATE	01/01/2007
STRUCTURE	For goods on dry cargo vessel: -- UN number -- Name of the substance (acc. to table A of part 3 of ADNR) -- Class -- Classification code -- Packing group -- Hazard identification placard (label) For goods in tank vessels -- UN number -- Name of substance (acc. to table C of part 3 of ADNR) -- Class -- Packing group
SUCCINCT DESCRIPITION	
LINKED CLASSIFICATIONS	ADN, ADR
USAGE	Transport of dangerous goods in inland navigation
MEDIA THROUGH WHICH AVAILABLE	www.ccr-zkr.org
LANGUAGES	Dutch, French, German
ADDRESS OF RESPONSIBLE AGENCY	Central Commission for the Navigation on the Rhine, 2, Place de la Republique, F-67082 Strasbourg Cedex
REMARKS	

Example

for dry cargo vessel:	for tank vessel:
1203; petrol; 3; F1; III; 3	1203; petrol; 3; ;III ;

Usage in this standard CNI/GID/DGS/C205/8078

12 UN country code

FULL TITLE	International Standard Codes for the Representation of the Names of Counties
ABBREVIATION	ISO 3166-1
ORIGINATING AUTHORITY	International Organisation for Standardization (ISO)
LEGAL BASIS	UN Recommendation 3 (Codes for the representation of the names of countries)
CURRENT STATUS	Operational
IMPLEMENTATION DATE	27/05/1905
AMENDMENT	
STRUCTURE	Two-letter-alpha code (to be used in principle) Three-digit numeric code (alternatively)
SUCCINCT DESCRIPITION	ISO provides a unique two-letter code for each country listed, as well as a three-digit numeric code which is intended as an alternative for all applications that need to be independant of the alphabet.
LINKED CLASSIFICATIONS	UN /LOCODE
USAGE	This code is used as one element in the combined location code of this standard
MEDIA THROUGH WHICH AVAILABLE	UNECE www.unece.org/locode
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	http://www.unece.org/cefact
REMARKS	see annex 4.3 for combination of elements in the location code

Example

BE	Belgium

Usage in this standard

ERINOT Message:
TDT/C222/8453
NAD(1)/3207
NAD(2)/3207

ERIRSP Message
NAD(1)/3207

13 UN location code

FULL TITLE	UN Code for Trade and Transport Locations
ABBREVIATION	UN/LOCODE
ORIGINATING AUTHORITY	UNECE/CEFACT
LEGAL BASIS	UN/ECE Recommendation 16
CURRENT STATUS	Operational
IMPLEMENTATION DATE	02/06/1905
AMENDMENT	2006-2
STRUCTURE	ISO 3166-1 country code (alpha 2-digit) followed by a space and a 3-digit-alpha code for the place names (5 digits)
	Place name (a ...29)
	Subdivision ISO 3166-2, optional (a ..3)
	Function, mandatory (an5)
	Remarks, optional (an ..45)
	Geographical coordinates (000N 0000 W, 000 S 00000 E)
SUCCINCT DESCRIPITION	UN recommends a five-letter alphabetic code for abbreviating the names of locations of interest to international trade, such as ports, airports, inland freight terminals, and other locations were customs clearance of goods can take place, and whose names need to be represented unambiguously in data interchange between participants in international trade.
LINKED CLASSIFICATIONS	UN country code
USAGE	This code is used as one element in the combined location code of this standard.
MEDIA THROUGH WHICH AVAILABLE	www.unece.org/locode
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	see annex 4.3 for combination of elements in the location code

Example

BE BRU	Belgium Brussel
Usage in this standard	TDT/LOC (1..9)/C517/3225 CNI/LOC(1..2) /C517/3225
See:	Proposal: "Definition of the revised location and terminal code" by Ministry of Transport and public Works Traffic and Transport Advisory Service May 2002

14 Fairway section code

FULL TITLE	Fairway section code
ABBREVIATION	
ORIGINATING AUTHORITY	National administrations of waterways
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT	
STRUCTURE	5-digit numerical code
SUCCINCT DESCRIPITION	The waterway network is divided into sections. These may be whole rivers and canals over several 100 km or small sections. The position of a location inside a section may be given by hectometre or by the name (code) of a terminal or passage point.
LINKED CLASSIFICATIONS	UNLOCODE
USAGE	Numbering of the waterways in a national network. This code is used as one element in the combined location code of this standard.
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	see annex 4.3 for combination of elements in the location code

Example

03937	Rhein, Rüdesheimer Fahrwasser
02552	Oude Maas at Dordrecht

Usage in this standard

TDT/LOC/C517/3225
CNI/LOC/C517/3225

Remark: If there is no fairway code available, the field should be filled in with zeros.

15 Terminal Code

FULL TITLE	Terminal Code
ABBREVIATION FROM	
ORIGINATING FROM	National waterway authorities
LEGAL BASIS	
CURRENT STATUS	Version 2, April 2000
IMPLEMENTATION DATE	
AMENDMENT	Regularly
STRUCTURE	type of terminal (1-digit numeric) number of terminal (5-digit alphanumeric)
SUCCINCT DESCRIPITION	
LINKED CLASSIFICATIONS	
USAGE	This code is used as one element in the combined location code of this standard. See annex 4.3 for combination of elements in the location code
MEDIA THROUGH WHICH AVAILABLE	www.binnenvaart.org/btb/software/software.html
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	See annex 4.3 for combination of elements in the location code

Example

LEUVE	Leuvehaven at Rotterdam, NL
Usage in this standard	TDT/LOC/C517/3225 CNI/LOC/C517/3225
Remark 1:	If there is no terminal code available, the field should be filled in with zeros.
Remark 2:	Each country will be responsible for ist own data. Centrtal distribution will be made by Rijkswaterstaat of The Netherlands.
Remark 3:	At present, a terminal code is maintained by Bureau Telematica for Rikswaterstaat.

16 Freight container size and type code

FULL TITLE	Freight containers - Coding, identification and marking
ABBREVIATION	
ORIGINATING AUTHORITY	International Organisation for Standardisatiom (ISO)
LEGAL BASIS	ISO 6364, chapter 4 and annexes D and E
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT	3rd edition 1995-12-01
STRUCTURE	Container size; two alphanumeric characters(first for lenghth, second for combination of heighth and width) Container type: two characters
SUCCINCT DESCRIPITION	Size and type codes estabished for each sort of containers
LINKED CLASSIFICATIONS	ISO 6346 coding identification and marking
USAGE	Whenever known and indicated in the commercial exchange of information
MEDIA THROUGH WHICH AVAILABLE	www.iso.ch/iso/en
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	http://www.bic-code.org/
REMARKS	The size type codes are displayed on the containers and as such shall be used in the electronic reporting whenever available from other exchanged information e.g. during the booking. Size type codes shall be used as a whole i.e. the information must not be broken into its component parts (ISO 6346:1995).

Example for size

42	Length: 40 ft.; height: 8 ft. 6 in. ; width: 8 ft.

Example for type

GP	general purpose container
BU	dry bulk container

Usage in this standard not used

17 Container identification code

FULL TITLE	Freight containers - Coding, identification and marking
ABBREVIATION	ISO Size Type codes
ORIGINATING AUTHORITY	International Organisation for Standardisation
LEGAL BASIS	ISO 6346, chapter 3, Annex A
CURRENT STATUS	Implemented throughout the world on all freight containers
IMPLEMENTATION DATE	17/06/1905
AMENDMENT	
STRUCTURE	Owner code: Three letters Equipment category identifier: one letter Serial number: six numerals Check digit: one numeral
SUCCINCT DESCRIPITION	The identification system is intended for general application, for example in documentation, control and communications (including automatic data processing systems), as well as for display on the containers themselves
LINKED CLASSIFICATIONS	ISO 668, ISO 1496, ISO 8323
USAGE	
MEDIA THROUGH WHICH AVAILABLE	www.iso.ch/iso/en http://www.bic-code.org/
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	Bureau International des Conteneurs (BIC), 167 rue de Courcelles, F-75017 Paris, France
REMARKS	

Example

KNL U 471330 8 — NEDLLOYD freight container with serial number 471330 (8 is the check digit)

Usage in this standard — CNI/GID/DGS/SGP/C237/8260

18 Package type

FULL TITLE	Codes for types of cargo, packages and packing materials
ABBREVIATION	UNECE Recommendation 21
ORIGINATING AUTHORITY	UN CEFACT
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	August 1994 (ECE/TRADE/195)
AMENDMENT	Trade/CEFACT/2002/24
STRUCTURE	2-character alphanumeric code value Code-value name 2-digit numeric code value description
SUCCINCT DESCRIPITION	A numeric code system to describe the appearance of goods as presented for transport to facilitate identification, recording, handling, and establishing handling tariffs.
LINKED CLASSIFICATIONS	
USAGE	
MEDIA THROUGH WHICH AVAILABLE	www.unece.org/cefact
LANGUAGES	English, French, German
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	The numeric code value is not used in this standard

Example

BG	Bag
BX	Box

Usage in this standard CNI/GID/C213/7065

19 Handling instructions

FULL TITLE	Handling instruction description code
ABBREVIATION	UN/EDIFACT Data Element 4079
ORIGINATING AUTHORITY	UN CEFACT
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	25/06/2005
AMENDMENT	Trade/CEFACT/2005/
STRUCTURE	Repr: an.. Code-value name 3-digit alpha code value description
SUCCINCT DESCRIPITION	An alpha code system to describe handling instructions for the tasks to be executed in a port to facilitate the handling of the vessel and establishing handling tariffs.
LINKED CLASSIFICATIONS	
USAGE	un/edifact messages
MEDIA THROUGH WHICH AVAILABLE	www.RISexpertgroups.org
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	The numeric code value is not used in this standard.

Example

LOA	Loading
DIS	Discharge
RES	Re-stow

Usage in this standard LOC/HAN/C524/4079

20 Purpose of call

FULL TITLE	Conveyance call purpose description code
ABBREVIATION	POC C525
ORIGINATING AUTHORITY	UN CEFACT
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	25/07/2005
AMENDMENT	Trade/CEFACT/2005
STRUCTURE	Repr an..3 2-character numeric code value Code-value name
SUCCINCT DESCRIPITION	A numeric code system to describe the purpose of the call of the vessel to facilitate identification and recording,
LINKED CLASSIFICATIONS	HAN
USAGE	edifact messages
MEDIA THROUGH WHICH AVAILABLE	www.unece.org/cefact
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	The numeric code value is used in this standard.

Example

5	Other non-containerised
30	cargo in bulk

Usage in this standard TSR/POC/C525/8025

21 Nature of cargo

FULL TITLE	Cargo Type Classification Code
ABBREVIATION	UN/EDIFACT 7085 Cargo Type
ORIGINATING AUTHORITY	UN CEFACT
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	25/07/2005
AMENDMENT	Trade/CEFACT/2005
STRUCTURE	AN..3 2-character numeric code value Code-value name 2-digit numeric code value description
SUCCINCT DESCRIPITION	A numeric code system to specify the classification of a type of cargo as transported to facilitate identification, recording, handling, and establishing tariffs.
LINKED CLASSIFICATIONS	HAN
USAGE	edifact messages
MEDIA THROUGH WHICH AVAILABLE	www.unece.org/cefact
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	ERI Expert Group
REMARKS	The numeric code value is used in this standard

Example

1	Cargo Operations
23	Waste Disposal

Usage in this standard TSR/POC/C525/8025

Appendice 4.1 (ad appendice 4, chiffre 1)

Codes ONU pour les types de moyens de transport en navigation intérieure

recommandation n° 28 de la CEE/NU

Extrait pour la navigation intérieure avec des compléments de la CCNR pour utilisation dans le standard pour un système d'annonces électroniques en navigation intérieure (en italique et souligné)

UNITED NATIONS
ECONOMIC COMMISSION FOR EUROPE

CODES FOR TYPES OF MEANS OF TRANSPORT

Inland Navigation

2002-08-26

This document is work in progress for Inland River Transport.
The information contained herein may change substantially between drafts.

From RECOMMENDATION No. 28, *second edition*
United Nations Centre for the Trade Facilitation and Electronic Business

Remarques générales pour l'utilisation :

1. *Une barge ne possède pas de système de propulsion.*

2. *Le type ou le code du mode de transport ne change pas jusqu'au moment où le bateau ou la barge est considérée comme étant une nouvelle construction et nécessite la délivrance d'un nouveau certificat.*

3. *Les numéros de code mentionnés ici constituent une subdivision de la codification donnée dans la recommandation n° 28 de l'ONU.*

4. *Certains numéros de code comportent une subdivision en quatrième position destinée à préciser la nature du bateau.*

5. *Des numéros de codes spécifiques seront attribués aux bâtiments de plaisance.*

6. *Abréviations :*
   - *M = mode de transport (1 = navigation maritime, 8 = navigation intérieure)*
   - *U = Usage (utilisation) : V =Vessel (bateau) C = Combination (formation)*

USE V/C	M	Code Subdiv	Name Description
No	8	00	Vessel, type unknown Vessel of unknown type.
V	8	01 0	Motor freighter Motorised vessel designed for carrying general cargo.
V	8	02 0	Motor tanker Motorised vessel designed for carrying cargo in tanks
V	*8*	*02 1*	*Motor tanker, liquid cargo, type N* *Motorised vessel designed for carrying liquid cargo.*
V	*8*	*02 2*	*Motor tanker, liquid cargo, type C* *Motorised vessel designed for carrying special chemicals*
V	*8*	*02 3*	*Motor tanker, dry cargo* *Motorised vessel designed for carrying dry cargo as if liquid (e.g. cement)*
V	8	03 0	Container vessel Vessel designed for carrying containers.
V	8	04 0	Gas tanker Vessel with tanks designed for carrying gas.
C	8	05 0	Motor freighter, tug Motorised vessel designed for carrying cargo and capable of towing.
C	8	06 0	Motor tanker, tug Motorised vessel designed for carrying liquid cargo and capable to tow.
C	8	07 0	Motor freighter with one or more ships alongside Motorised vessel designed for carrying general cargo that has one or more vessels alongside.
C	8	08 0	Motor freighter with tanker Motorised vessel designed for carrying general cargo alongside a vessel designed for carrying liquid cargo.
C	8	09 0	Motor freighter pushing one or more freighters Motorised vessel designed for carrying general cargo, pushing one or more vessels also designed for carrying general cargo.
C	8	10 0	Motor freighter pushing at least one tank-ship Motorised vessel designed for carrying general cargo, pushing at least one vessel designed to carry a liquid cargo.
No	8	11	Tug, freighter Vessel designed to push or pull another vessel that is also capable of carrying general cargo.
No	8	12	Tug, tanker Vessel designed to push or pull another vessel also capable of carrying liquid cargo.
C	8	13 0	Tug, freighter, coupled Vessel designed to push or pull another vessel that is also capable of carrying general cargo tied to one or more other vessels.
C	8	14 0	Tug, freighter/tanker, coupled Vessel designed to push or pull another vessel that is also capable of carrying either general or liquid cargo tied to one or more other vessels.
V	8	15 0	Freightbarge Lighter designed for carrying general cargo.
V	8	16 0	Tankbarge Lighter designed for carrying cargo in tanks
V	*8*	*16 1*	*Tankbarge, liquid cargo, type N* *Lighter designed for carrying liquid cargo.*

USE V/C	M	Code Subdiv	Name Description
V	*8*	*16 2*	*Tankbarge, liquid cargo, typec* *Lighter designed to carrying special chemicals*
V	*8*	*16 3*	*Tankbarge, dry cargo* *Lighter designed for carrying dry cargo as if liquid (e.g. cement)*
V	8	17 0	Freightbarge with containers Lighter designed for carrying containers.
V	8	18 0	Tankbarge, gas Lighter designed for carrying gas.
C	8	21 0	Pushtow, one cargo barge Vessel designed for pushing/towing, facilitating the movement of one cargo barge.
C	8	22 0	Pushtow, two cargo barges Combination designed for pushing/towing, facilitating the movement of two cargo barges
C	8	23 0	Pushtow, three cargo barges Combination designed for pushing/towing, facilitating the movement of three cargo barges
C	8	24 0	Pushtow, four cargo barges Combination designed for pushing/towing, facilitating the movement four cargo barges
C	8	25 0	Pushtow, five cargo barges Combination designed for pushing/towing, facilitating the movement of five cargo barges.
C	8	26 0	Pushtow, six cargo barges Combination designed for pushing/towing, facilitating the movement of six cargo barges.
C	8	27 0	Pushtow, seven cargo barges Combination designed for pushing/towing, facilitating the movement of seven cargo barges.
C	8	28 0	Pushtow, eight cargo barges Combination designed for pushing/towing, facilitating the movement of eight cargo barges.
C	8	29 0	Pushtow, nine cargo barges Combination designed for pushing/towing, facilitating the movement of nine or more cargo barges.
C	8	31 0	Pushtow, one gas/tank barge Combination designed for pushing/towing, moving one tanker or gas barge.
C	8	32 0	Pushtow, two barges at least one tanker or gas barge Combination designed for pushing/towing, moving two barges of which at least one tanker or gas barge.
C	8	33 0	Pushtow, three barges at least one tanker or gasbarge Combination designed for pushing/towing, moving three barges of which at least one is a tanker or gas barge.
C	8	34 0	Pushtow, four barges at least one tanker or gasbarge Combination designed for pushing/towing, moving four barges of which at least one tanker or gasbarge.
C	8	35 0	Pushtow, five barges at least one tanker or gasbarge Combination designed for pushing/towing, moving five barges of which at least one tanker of gasbarge.

USE V/C	M	Code Subdiv	Name Description
C	8	36 0	Pushtow, six barges at least one tanker or gasbarge Combination designed for pushing/towing, moving six barges of which at least one tanker or gasbarge.
C	8	37 0	Pushtow, seven barges at least one tanker or gasbarge Combination designed for pushing/towing, moving seven barges of which at least one tanker or gasbarge.
C	8	38 0	Pushtow, eight barges at least one tanker or gasbarge Combination designed for pushing/towing, moving eight barges of which at least one tanker or gasbarge.
C	8	39 0	Pushtow, nine or more barges at least one tanker or gasbarge Combination designed for pushing/towing, moving nine or more barges of which at least one tanker or gasbarge.
V	8	40 0	Tug, single Vessel designed for pushing another vessel that is the only boat used for a tow.
No	8	41	Tug, one or more tows Vessel designed for pushing another vessel that is involved in one or more concurrent tows.
C	8	42 0	Tug, assisting a vessel or linked combination Vessel designed for pushing another vessel that is assisting one vessel or a combination of vessels or tugs and vessels.
V	8	43 0	Pushboat, single Vessel designed for pushing.
V	8	44 0	Passenger ship, ferry, red cross ship, cruise ship Vessels designed for carrying passengers in general.
V	*8*	*44 1*	*Ferry* *Vessel designed for carrying passengers and/or vehicles on regular short voyages.*
V	*8*	*44 2*	*Red Cross ship* *Vessel designed for carrying sick and or disabled people*
V	*8*	*44 3*	*Cruise ship* *Vessel designed for carrying passengers accommodated on board*
V	*8*	*44 4*	*Passenger ship without accommodation* Vessel designed for carrying passengers but without accommodation such as cabins etc.
V	8	45 0	Service vessel, police patrol, port services Vessel designed to perform a specific dedicated service.
V	8	46 0	Vessel, work maintenance craft, floating derrick, cable-ship, buoy-ship, dredge. Vessel designed to perform a specific type of work.
C	8	47 0	Object, towed, not otherwise specified. An object in tow that is not otherwise specified.
V	8	48 0	Fishing boat Vessel designed for fishing.
V	8	49 0	Bunkership Vessel designed for carrying and delivering bunkers.
V	8	50 0	Barge, tanker, chemical Vessel designed to carry liquid or bulk chemicals.
C	8	51 0	Object, not otherwise specified. A floating object that is not otherwise specified.

USE V/C	M	Code Subdiv	Name Description
			Extra codes for maritime means of transport
V	1	50 0	General Cargo Vessel Maritime Vessel designed to carry general cargo
V	1	51 0	Unit Carrier Maritime Vessel designed to carry containers
V	1	52 0	Bulk Carrier Maritime Vessel designed to carry bulk cargo
V	1	53 0	Tanker Vessel solely equipped with tanks for carrying cargo
V	1	54 0	Liquefied gas tanker Tanker designed to carry liquefied gas
V	1	85 0	Craft, pleasure longer than 20 meters Vessel designed for recreation longer than 20 meters
V	1	90 0	Fast ship Fast all purpose vessel
V	1	91 0	Hydrofoil Vessel with wing-like structure for skimming at high speed
V	1	92 0	Catamaran Fast Fast vessel designed with two parallel hulls

Appendice 4.2 (ad appendice 4, chiffre 1)

Codes des types de bateaux et convois selon la recommandation 28 de la CEE/ONU Extrait pour la navigation intérieure

Observations générales

1. Une barge ne possède pas de propulsion propre
2. La nature ou le code du moyen de transport ne change pas jusqu'au moment où le bateau ou la barge sont reconstruits et où l'établissement d'un nouveau certificat est nécessaire.
3. Les numéros de codes indiqués ici font partie des numéros de codes donnés dans la recommandation n° 28 de l'ONU.
4. Certains numéros de code possèdent une subdivision en quatrième position pour signifier la nature du bateau.
5. Des numéros de codes particuliers sont attribués aux bateaux de plaisance.

Le premier chiffre de la colonne 8 indique l'appartenance d'un bateau ou d'un convoi à une flotte de navigation intérieure (8) ou de navigation maritime (1).

*) Nom du bateau dans le convoi
(Un bateau isolé sans barge est également un convoi dans ce contexte)
Usage en annexe 3, TDT\C228\8179

**) Bateau dans un convoi
(Le bateau dont le nom est pris y figure également)
Usage en appendice 3, EQD (B)\C224\8155

Code	Usage pour convoi *)	Utilisation du bateau **)	Anglais	Néerlandais	Français	Allemand
1	2		3	4	5	6
8010	x	x	Motor freighter	Motorvrachtschip	Automoteur à marchandises	Gütermotorschiff
8020	x	x	Motor tanker	Motortankschip	Automoteur-Citerne	Tankmotorschiff
8021	x	x	Motor tanker, liquid cargo, type N	Motortankschip, vloeibare lading, typ N	Automoteur-Citerne, Type N	Tankmotorschiff, Flüssigfracht, Typ N
8022	xx		Motor tanker, liquid carg, type C	Motortankschip, vloeibare lading, typ C	Automoteur-Citerne, Type N	Tankmotorschiff, Flüssigfracht, Typ C
8023	x	x	Motor tanker, dry cargo	Motortankschip, droge lading	Automoteur, marchandise sèche	Tankmotorschiff, Trockenfracht
8030	x	x	Container vessel	Containerschip	Automoteur Porte-Conteneurs	Containerschiff
8040	x	x		Gas-Tankschip	Automoteur-Citerne à gaz	Gas-Tankschiff
8050	x	x	Motor freighter, tug	Slepend MVS	Automoteur remorqueur	GMS als Schlepper
8060	x	x	Motor tanker, tug	Slepend MTS	Automoteur-Citerne remorqueur	TMS als Schlepper
8070	x	x	Motor freighter with one or more ships alongside	Breed samenstel, MVS	Formation large, Automoteur	Breiter Verband, GMS
8080	x	x	Motor freighter with tanker	Breed samenstel, min. 1 MTS	Formation à couple, min. 1. bateau-citerne	Gekoppelte Fahrzeuge, mind. 1 TMS
8090	x	x	Motor freighter pushing one or more freighters	Lang samenstel, MVS	Convoi poussé, Automoteur	Schubverband, GMS
8100	x	x	Motor freighter pushing at least one tank-ship	Lang samenstel, min. 1 MTS	Convoi poussé, min. 1 Automoteur-pousseur	Schubverband, mind. 1 TMS

Code	Usage pour convoi *)	Utilisation du bateau **)	Anglais	Néerlandais	Français	Allemand
1	2		3	4	5	6
8130	x		Tug, freighter, coupled	Gekoppelde Sleep-Vrachtschepen	Remorqueurs à marchandises, accouplés	Gekoppelte Schlepp-Güterschiffe
8140	x		Tug, freighter/tanker, coupled	Gekoppelde Sleep-Sch. min. 1 SL-TS	Remorqueur accouplés, 1 barge de poussage	Gekoppeltes Schlepp-Schiff, min. 1 Schl.TS
8150		x	Freightbarge	Vrachtduwbak (VDB)	Barge	Güterkahn / Leichter
8160		x	Tankbarge	Tankduwbak (TDB)	Barge-Citerne	Tankkahn / Tankleichter
8161		x	Tankbarge, liquid cargo, type N	Tankduwbak (TDB), vloeibare lading, typ N	Barge-Citerne, liquide, type N.	Tankkahn / Tankleichter (TSL), Flüssigfracht, Typ N
8162		x	Tankbarge, liquid cargo, type C	Tankduwbak (TDB), vloeibare lading, typ C	Barge-Citerne, liquide, type .C.	Tankkahn / Tankleichter, Flüssigfracht, Typ C
8163		x	Tankbarge, dry cargo	Tankduwbak (TDB), droge lading	Barge-Citerne, cargaison sèche	Tankkahn / Tankleichter, Trockenfracht
8170		x	Freightbarge with containers	Vrachtduwbak met Containers	Barge-Citerne porte-conteneurs	Tankkahn / Tankleichter mit Containern
8180		x	Tankbarge, gas	Gas-Tankduwbak (GTDB)	Barge-Citerne à gaz	Tankkahn / Tankleichter für Gas(GTSL)
8210	x		Pushtow, one cargo barge	Duwboot met 1 Vrachtduwbak	Pousseur, 1 Barge	Schubschiff mit 1 Güterschubleichter
8220	x		Pushtow, two cargo barges	Duwboot met 2 Vrachtduwbakken	Pousseur, 2 Barges	Schubschiff mit 2 Güterschubleichtern
8230	x		Pushtow, three cargo barges	Duwboot met 3 Vrachtduwbakken	Pousseur, 3 Barges	Schubschiff mit 3 Güterschubleichtern
8240	x		Pushtow, four cargo barges	Duwboot met 4 Vrachtduwbakken	Pousseur, 4 Barges	Schubschiff mit 4 Güterschubleichtern
8250	x		Pushtow, five cargo barges	Duwboot met 5 Vrachtduwbakken	Pousseur, 5 Barges	Schubschiff mit 5 Güterschubleichtern
8260	x		Pushtow, six cargo barges	Duwboot met 6 Vrachtduwbakken	Pousseur, 6 Barges	Schubschiff mit 6 Güterschubleichtern
8270	x		Pushtow, seven cargo barges	Duwboot met 7 Vrachtduwbakken	Pousseur, 7 Barges	Schubschiff mit 7 Güterschubleichtern
8280	x		Pushtow, eight cargo barges	Duwboot met 8 Vrachtduwbakken	Pousseur, 8 Barges	Schubschiff mit 8 Güterschubleichtern
8290	x		Pushtow, nine cargo barges	Duwboot meer dan 8 VRDB	Pousseur, > 8 Barges	Schubschiff mit mehr als 8 Güterschubleichtern
8310	x		Pushtow, one gas/tank barge	Duwboot 1 (G) TDB	Pousseur, 1 Barge-Citerne	Schubschiff mit 1 TSL
8320	x		Pushtow, two barges at least one tanker or gas barge	Duwboot 2 DB - 1 (G) TDB	Pousseur, 2 Barges - 1 Cit.	Schubschiff mit 2 SL - 1 TSL
8330	x		Pushtow, three barges at least one tanker or gasbarge	Duwboot 3 DB - min. 1 (G) TDB	Pousseur, 3 Barges - min. 1 Cit.	Schubschiff mit 3 SL - min. 1 TSL
8340	x		Pushtow, four barges at least one tanker or gasbarge	Duwboot 4 DB - min. 1 (G) TDB	Pousseur, 4 Barges - min. 1 Cit.	Schubschiff mit 4 SL - min. 1 TSL
8350	x		Pushtow, five barges at least one tanker or gasbarge	Duwboot 5 DB - min. 1 (G) TDB	Pousseur, 5 Barges - min. 1 Cit.	Schubschiff mit 5 SL - min. 1 TSL

Code	Usage pour convoi *)	Utilisation du bateau **)	Anglais	Néerlandais	Français	Allemand
1	2		3	4	5	6
8360	x		Pushtow, six barges at least one tanker or gasbarge	Duwboot 6 DB - min. 1 (G) TDB	Pousseur, 6 Barges - min. 1 Cit.	Schubschiff mit 6 SL - min. 1 TSL
8370	x		Pushtow, seven barges at least one tanker or gasbarge	Duwboot 7 DB - min. 1 (G) TDB	Pousseur, 7 Barges - min. 1 Cit.	Schubschiff mit 7 SL - min. 1 TSL
8380	x		Pushtow, eight barges at least one tanker or gasbarge	Duwboot 8 DB - min. 1 (G) TDB	Pousseur, 8 Barges - min. 1 Cit. (G)	Schubschiff mit 8 SL - min. 1 TSL
8390	x		Pushtow, nine or more barges at least one tanker or gasbarge	Duwboot > 8 DB - min. 1 (G) TDB	Pousseur > 8 Barges - min. 1 Cit. (G)	Schubschiff mit >8 SL - min. 1 TSL
8400	x	x	Tug, single	Sleepboot Losvarend	Remorqueur	Schlepper
8420	x	x	Tug, assisting a vessel or linked combination	Sleepboot Assisterend	Remorqueur de manoeuvre	Schlepper assistierend
8430	x	x	Pushboat, single	Duwboot losvarend	Pousseur	Schubschiff
8440	x	x	Passenger ship, ferry, red cross ship, cruise ship	Passagierschip Binnenvaart	Bateau a passagers	Fahrgastschiff
8441	x	x	Ferry	Veerboot	Bac	Fähre
8443	x	x	Cruise ship	Cruise schip	Bateau à cabines	Kabinenschiff
8444	x	x	Passenger ship without accomodation on board	Passagierschip zonder accomodatie aan boord	Bateau d'excursions journalières	Personen-Ausflugsschiff
8450	x	x	Service vessel, police patrol, port services	Dienstvaartuig	Bateau de service	Dienstfahrzeug
8460	x	x	Vessel, work maintenance craft, floating derrick, cable-ship, bouy-ship, dredge	Werkvaartuig	Bateau atelier / de chantier	Arbeitsfahrzeug
8470		x	Object, towed, not otherwise specified	Gesleept object	Objet remorqué	Geschlepptes Objekt
8490	x	x	Bunkership	Bunkerschip	Bateau avitailleur	Bunkerboot
8500		x	Barge, tanker, chemical	Duwbak, chemisch	Barge-citernes, produits chimiques	Tankleichter, chemische Stoffe
8510		x	Object, not otherwise specified	Niet nader gespecificeerd object	Objet, non spécifié	Objekt, nicht näher bezeichnet
1500	x	x	General cargo vessel (Maritime)	Vrachtschip (Zee)	Bateau à marchandises (Haute Mer)	Frachtschiff (See)
1510	x	x	Unit carrier (Maritime)	Containerschip (Zee)	Porte-Conteneurs (Haute Mer)	Containerschiff (See)
1520	x	x	Bulk carrier (Maritime)	Bulkcarrier (Zee)	Bateau à marchanidises en vrac (Haute Mer)	Massengutschiff (See)
1530	x	x	Tanker (Maritime)	Tanker (Geen Gas) (Zee)	Bateau-citernes (Pas de gaz) (Haute Mer)	Tankschiff (kein Gas) (See)
1540	x	x	Liquefied gas tanker	Gastanker (Zee)	Bateau-citernes à gaz (Haute Mer)	Seegehendes Gas-Tankschiff (See)
1850	x	x	Craft, pleasure, longer than 20 metres	Grote Recreatievaart > 20 m	Bateau de plaisance > 20 m (Haute mer)	Sportboot > 20 m (See)
1900	x	x	Fast ship	Snel vaartuig	Bateau rapide	Schnelles Schiff
1910	x	x	Hydrofoil	Draagvleugelboot	Bateau à ailes portantes	Tragflügelschiff
1920	x	x	Catamaran, Fast	Snelle catamaran	Catamaran, rapide	Katamaran, schnell

Appendice 4.3 (à l'appendice 4, ch. 11 - 14)

Exemples de combinaisons d'éléments dans le code de localisation

Eléments de données

Le code de localisation complet comprend les éléments suivants :

1 UN Country code (2 caractères)
2 UN Location code (3 caractères)
3 Code de la section de la voie navigable (5 caractères)
4 Code de terminal ou code de point de passage (5 caractères)
5 Hectomètres de voie navigable (5 caractères), traités dans la base de données comme attribut du code de section de voie navigable.

La localisation doit être désignée de manière claire. Plusieurs manières de faire sont possibles, suivant le but de l'annonce et la situation locale.

Exemples

Objet	Exemple	Eléments utilisés					Code				
	N°. Désignation (texte intégral)	1 UN Country code	2 UN Location code	Code section voie navigable	4 Code terminal	Hecto-mètres voie navigable	1	2	3	4	5
Notification de transport, déclaration de taxe											
	Lieu de départ, lieu d'arrivée										
	1 Allemagne; Mayence; Rhin; Frankenbach; ;	X	X	X	X		DE	MAI	03901	00FRB	00000
	2 Pays-Bas; Rotterdam; Section 2552 (Oude Maas); Leuvehaven; ;	X	X	X	X		NL	RTM	02552	LEUVE	00000
	3 Pays-Bas; ;Section 2552 (Oude Maas); ; p.k. 2,2	X		X		X	NL	XXX	05552	00000	00022
	4 Allemagne; ; Rhin; ; p.k. 502.3	X		X		X	DE	XXX	03900	00000	05023
Message de trafic											
	Point de passage										
	Allemagne; ; Rhin; ;p.k. 502.3 **5**	X		X		X	DE	XXX	03900	00000	05023
	6 Allemagne;Oberwesel; Rhin; Centre de traffic; ;	X	X	X	X		DE	OWE	03901	TRACE	00000
	7 Allemagne; Trèves; Moselle ; écluse; ;	X	X	X	X		DE	TRI	03201	LOCK	00000

Appendice 5

Description des informations XML

Sommaire

1. Introduction

1.1 Généralités

Le présent document détaille les exigences techniques pour la conversion d'informations ISRS EDIFACT en informations XML et inversement. Les informations sont l'information d'annonce (ERINOT=IFTDGN98B) et l'information de réponse (ERIRSP=APERAK98B).
Après une présentation générale sont présentées des définitions de schéma générées par l'outil XML utilisé pour l'enregistrement des définitions de schéma. Ensuite est défini le Mapping. En conclusion sont présentés des exemples générés.

1.2 Liste des versions

Version	Date	Description
A(1)	14-01-04	Initial
A(2)	19-01-04	Modified layout
B	09-06-04	XSD modifications
C	06-08-04	XSD modification: *ERINOT:* *Element GenerationDateTime -> DateTime type (instead of string)* Element PackingGroup is optional. Element Country an2->an2..3 Element Fairwaysection an5->an0..7 (supporting older codes also) Element Terminalcode an5-an0..10 Element TerminalName an..70 added Group ContainerMatrixes/Container -> ContainerMatriexes/ContainerMatrix Group NameAddress\Contact\CommsContact can reapeat 0..3. Group GoodSplitGoodsPlacement added for non-dangerous *ERIRSP* Group NamesAdresses added (to be consistent with erinot) Element Country an2->an2..3

2. Présentation des schémas

Cette section présente la structure XML utilisée et en décrit les principales parties (top levels).

2.1 ERINOT

<ERINOT xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" VersionMajor="0" VersionMinor="0">	
<MessageId>...</MessageId>	XML message identifiers & info
<EDIMapping>...</EDIMapping>	Edifact message type info: Edi->xml: the edifact source Xml->edi: the edifact msg to create.
<SafetyExplanation>...</SafetyExplanation>	
<PrivacyStatement>Y</PrivacyStatement>	
<MessageRef>String</MessageRef>	
<TransportDocRef>String</TransportDocRef>	
<TestScenarioRef>String</TestScenarioRef>	
<Transport>	
<TransportDetails> ... </TransportDetails>	Main hull info (namegiving barge)
<TransportDimensions>...</TransportDimensions>	
<TransportReference>...</TransportReference>	
<TransportLocations>	
<PortOfDeparture>...</PortOfDeparture>	Port of departure
<PassagePoint>...</PassagePoint>	Passagepoint (for passacge msgs)
<NextPortOfCall>...</NextPortOfCall>	First reporting point
<Routepoints>	0-5 Via points
<Routepoint>...</Routepoint>	
<RoutePointPassageTime>2001-12-17T09:30:47-05:00</RoutePointPassageTime>	
</Routepoints>	
<PortOfDestination>...</PortOfDestination>	Port of destination
<ETD>2001-12-17T09:30:47-05:00</ETD>	
<PassageTime>2001-12-17T09:30:47-05:00</PassageTime>	
<ETA>2001-12-17T09:30:47-05:00</ETA>	
</TransportLocations>	
</Transport>	
<MessageSenderAddress>	Message Sender, Agent info
<NameAddress>...</NameAddress>	
<Contact>	
<ContactInformation>String</ContactInformation>	
<CommsContact>...</CommsContact>	1-3 Communication numbers per address (telephone, fax etc)
</Contact>	
</ MessageSenderAddress >	
<AgentInvoiceAddress>	
<NameAddress>...</NameAddress>	
<Contact>	
<ContactInformation>String</ContactInformation>	
<CommsContact>...</CommsContact>	1-3 Communication numbers per address (telephone, fax etc)

</Contact>	
</AgentInvoiceAddress>	
<Barges>	List of barges in transport (transport combinations)
<Barge>	
<BargeId>...</BargeDimensions>	
<BargeType>Stri</BargeType>	
<BargeName>String</BargeName>	
<EquipmentType>BRY</EquipmentType>	
<BargeDimensions>...</BargeDimensions>	
</Barge>	
</Barges>	
<ContainerMatrixes>	Totals per containertype
<ContainerMatrix>	
<ContRange>RNG20</ContRange>	
<Number>0</Number>	
<ContStatus>4</ContStatus>	
</ContainerMatrix>	
</ContainerMatrixes>	
<Consignments>	0-999 Consignments
<Consignment>	
<SequenceNo>9999</SequenceNo>	
<DepartureTime>2001-12-17T09:30:47-05:00</DepartureTime>	
<PortOfLoading>...</PortOfLoading>	
<PortOfDischarge>...</PortOfDischarge>	
<CargoReceiver>...</CargoReceiver>	
<CargoSender>...</CargoSender>	
<ArrivalTime>2001-12-17T09:30:47-05:00</ArrivalTime>	
<CargoHandeling>T</CargoHandeling>	
<GoodsItems>	0-99 Goods per Consignment
<GoodsItem>	
<GoodsItemNo>99999</GoodsItemNo>	
<NumberOfPackages>99999999</NumberOfPackages>	
<AdditionalInfo>...</AdditionalInfo>	
<GoodsDescription>...</GoodsDescription>	
<DangerousGoodsInfo>	Info about the dangerous good (including placement onboard)
<DangerousGoods>...</DangerousGoods>	
<TechnicalName>String</TechnicalName>	
<NetWeight>0</NetWeight>	
<Synonym>String</Synonym>	
</DangerousGoodsInfo>	
<GoodSplitGoodsPlacements>	Info about non-dagerous goods

<SplitGoodsPlacement>	
<Placement>...</Placement>	Barge where good is stowed
<Weight>999999999</Weight>	
<Volume>0</Volume>	
</SplitGoodsPlacement>	
<ContainerStowage>...</ContainerStowage>	0-99 Containers per Dang. Good
</GoodSplitGoodsPlacements>	
<TypeOfPackages>St</TypeOfPackages>	
</GoodsItem>	
</GoodsItems>	
</Consignment>	
</Consignments>	
</ERINOT>	

2.2 ERIRSP

<ERIRSP xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" VersionMajor="0" VersionMinor="0">	
<MessageId>...</MessageId>	XML message identifiers & info
<EDIMapping>...</EDIMapping>	Edifact message type info: Edi->xml: the edifact source Xml->edi: the edifact msg to create.
<MessageDateTime>2001-12-17T09:30:47-05:00</MessageDateTime>	
<MessageRef>String</MessageRef>	
<TransportRef>String</TransportRef>	
<ErrorInformation>	
<ErrorCode>String</ErrorCode>	
<ErrorDescription>String</ErrorDescription>	
</ErrorInformation>	
<NamesAddresses>	
<NameAddress>...</NameAddress>	Sender info
<CommsContact>...</CommsContact>	Sender contact info
</NamesAddresses>	
</ERIRSP>	

3. Définition de schémas

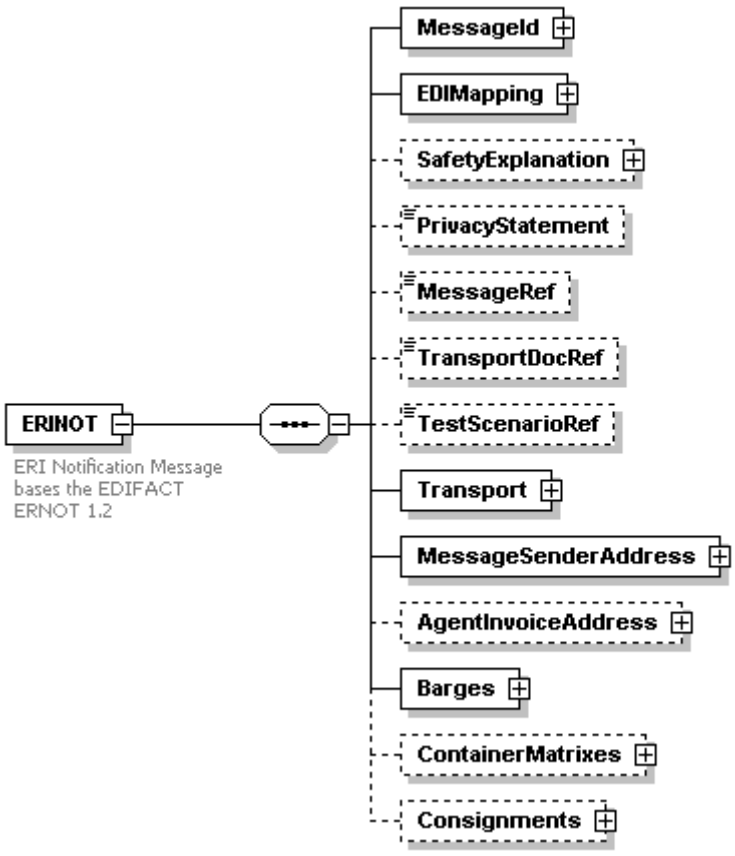
Cette section présente les définitions de schéma pour les informations ERINOT et ERIRSP. Etant donné que ces schémas sont développés à des fins de conversions, le Lay-out suit celui du Lay-out pour EDIFACT.

Sur le plan formel, il conviendrait d'utiliser un concept pour le développement de schémas XML qui suit autant que possible l'information EDI. La conception de la définition de schémas XML présentée dans ce document se fonde sur l'idée que ce schéma pourrait tenir lieu de base pour une version ultérieure plus définitive pouvant être utilisée lorsque les applications ou systèmes échangent des données basées sur les informations XML au lieu des informations EDIFACT.

3.1 Schema ERINOT V2.4.xsd

Elements	Complex types	Simple types
ERINOT	CommsContactType	HandlingType
	ContactType	HSCodeType
	ContainerStowageType	VolumeType
	LocationType	WeightType
	MessageIdType	
	NameAddressType	
	SplitGoodsPlacementType	
	TransportDimensionsType	
	VesselType	

diagram



children MessageId EDIMapping SafetyExplanation PrivacyStatement MessageRef TransportDocRef TestScenarioRef Transport MessageSenderAddress AgentInvoiceAddress Barges ContainerMatrixes

Consignments

attributes	Name	Type	Use	Default	Fixed	Annotation
	VersionMajor	xs:integer	required			
	VersionMinor	xs:integer	required			
annotation	documentation	ERI Notification Message bases the EDIFACT ERNOT 1.2				

source

```
<xs:element name="ERINOT">
 <xs:annotation>
  <xs:documentation>ERI Notification Message bases the EDIFACT ERNOT 1.2</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="MessageId" type="MessageIdType"/>
   <xs:element name="EDIMapping">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="Syntax" type="xs:string"/>
      <xs:element name="SyntaxVersion" type="xs:string"/>
      <xs:element name="MessageType" type="xs:string"/>
      <xs:element name="MessageVersion" type="xs:string"/>
      <xs:element name="MessageRelease" type="xs:string"/>
      <xs:element name="MessageControllingAgency" type="xs:string"/>
      <xs:element name="AssociationAssignedCode" type="xs:string"/>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element name="SafetyExplanation" minOccurs="0">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="Signalling" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="1"/>
         <xs:enumeration value="0"/>
         <xs:enumeration value="1"/>
         <xs:enumeration value="2"/>
         <xs:enumeration value="3"/>
         <xs:enumeration value="B"/>
         <xs:enumeration value="V"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="PersonsOnBoard">
       <xs:annotation>
        <xs:documentation>Total number of persons on board</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:integer">
         <xs:minInclusive value="0000"/>
         <xs:maxInclusive value="9999"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="PassengersOnBoard" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:integer">
         <xs:minInclusive value="0000"/>
         <xs:maxInclusive value="9999"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element name="PrivacyStatement" minOccurs="0">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:length value="1"/>
      <xs:enumeration value="Y"/>
      <xs:enumeration value="N"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
```

```
<xs:element name="MessageRef" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="23"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
<xs:element name="TransportDocRef" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="35"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
<xs:element name="TestScenarioRef" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="35"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
<xs:element name="Transport">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="TransportDetails">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="VoyageNo">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="17"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="TransportMode">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="1"/>
         <xs:enumeration value="1"/>
         <xs:enumeration value="8"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="TransportMeans">
       <xs:simpleType>
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        </xs:restriction>
       </xs:simpleType>
      </xs:element>
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      <xs:element name="VesselName">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="35"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Nationality">
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        </xs:restriction>
       </xs:simpleType>
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```

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                    <xs:enumeration value="BRN"/>
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```

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<xs:element name="CargoHandeling" type="HandlingType" minOccurs="0"/>
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            <xs:enumeration value="D"/>
            <xs:enumeration value="N"/>
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            <xs:enumeration value="F"/>
            <xs:enumeration value="X"/>
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                      <xs:length value="4"/>
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                  </xs:simpleType>
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                      <xs:enumeration value="CEL"/>
                      <xs:enumeration value="FAH"/>
                    </xs:restriction>
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                </xs:element>
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                    <xs:restriction base="xs:string">
                      <xs:maxLength value="6"/>
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                                          </xs:restriction>
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maxOccurs="99"/>
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                        </xs:restriction>
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            </xs:sequence>
          </xs:complexType>
```

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    </xs:element>
  </xs:sequence>
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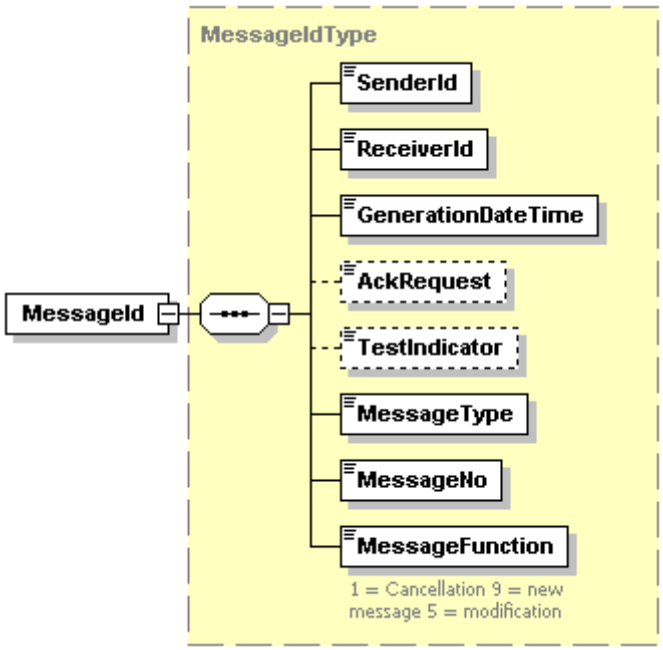
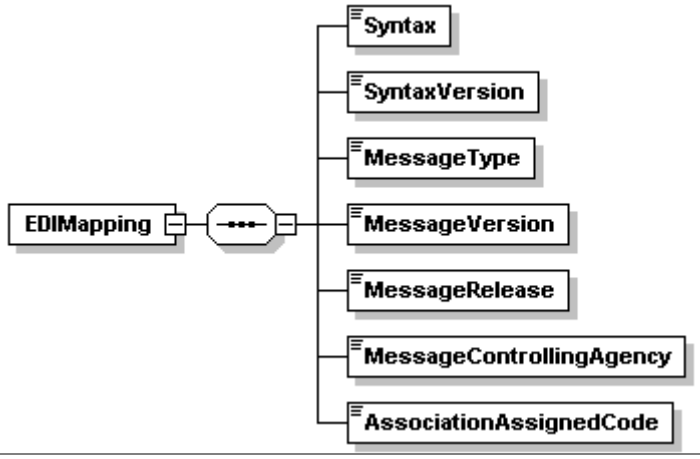
  <xs:attribute name="VersionMinor" type="xs:integer" use="required"/>
 </xs:complexType>
</xs:element>
```

element **ERINOT/MessageId**

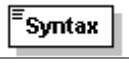
diagram	
type	MessageIdType
children	SenderId ReceiverId GenerationDateTime AckRequest TestIndicator MessageType MessageNo MessageFunction
source	<xs:element name="MessageId" type="MessageIdType"/>

element **ERINOT/EDIMapping**

diagram	
children	Syntax SyntaxVersion MessageType MessageVersion MessageRelease MessageControllingAgency AssociationAssignedCode
source	<xs:element name="EDIMapping"> <xs:complexType>

```
    <xs:sequence>
      <xs:element name="Syntax" type="xs:string"/>
      <xs:element name="SyntaxVersion" type="xs:string"/>
      <xs:element name="MessageType" type="xs:string"/>
      <xs:element name="MessageVersion" type="xs:string"/>
      <xs:element name="MessageRelease" type="xs:string"/>
      <xs:element name="MessageControllingAgency" type="xs:string"/>
      <xs:element name="AssociationAssignedCode" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:element>
```

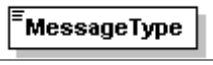
element **ERINOT/EDIMapping/Syntax**

diagram	
type	**xs:string**
source	<xs:element name="Syntax" type="xs:string"/>

element **ERINOT/EDIMapping/SyntaxVersion**

diagram	
type	**xs:string**
source	<xs:element name="SyntaxVersion" type="xs:string"/>

element **ERINOT/EDIMapping/MessageType**

diagram	
type	**xs:string**
source	<xs:element name="MessageType" type="xs:string"/>

element **ERINOT/EDIMapping/MessageVersion**

diagram	
type	**xs:string**
source	<xs:element name="MessageVersion" type="xs:string"/>

element **ERINOT/EDIMapping/MessageRelease**

diagram	
type	**xs:string**
source	<xs:element name="MessageRelease" type="xs:string"/>

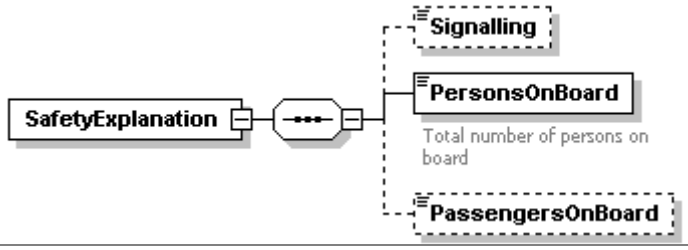
element **ERINOT/EDIMapping/MessageControllingAgency**

diagram	
type	**xs:string**
source	<xs:element name="MessageControllingAgency" type="xs:string"/>

element **ERINOT/EDIMapping/AssociationAssignedCode**

diagram	
type	**xs:string**
source	<xs:element name="AssociationAssignedCode" type="xs:string"/>

element **ERINOT/SafetyExplanation**

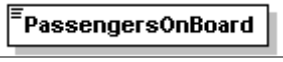
diagram	
children	**Signalling PersonsOnBoard PassengersOnBoard**
source	<xs:element name="SafetyExplanation" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Signalling" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="B"/> <xs:enumeration value="V"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PersonsOnBoard"> <xs:annotation> <xs:documentation>Total number of persons on board</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PassengersOnBoard" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

element **ERINOT/SafetyExplanation/PersonsOnBoard**

diagram	
type	restriction of **xs:integer**

facets	minInclusive 000 0 maxInclusive 999 9
annotation	documentation r of persons on board
source	<xs:element name="PersonsOnBoard"> <xs:annotation> <xs:documentation>Total number of persons on board</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/SafetyExplanation/PassengersOnBoard**

diagram	
type	restriction of **xs:integer**
facets	minInclusive 000 0 maxInclusive 999 9
source	<xs:element name="PassengersOnBoard" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType </xs:element>>

element **ERINOT/SafetyExplanation/Signalling**

diagram	
type	restriction of **xs:string**
facets	length 1 enumeration 0 enumeration 1 enumeration 2 enumeration 3 enumeration B enumeration V
source	<xs:element name="Signalling" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="B"/> <xs:enumeration value="V"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/PrivacyStatement**

diagram	
type	restriction of **xs:string**
facets	length 1 enumeration Y enumeration N
source	<xs:element name="PrivacyStatement" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="Y"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/MessageRef**

diagram	
type	restriction of **xs:string**
facets	maxLength 23
source	<xs:element name="MessageRef" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="23"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/TransportDocRef**

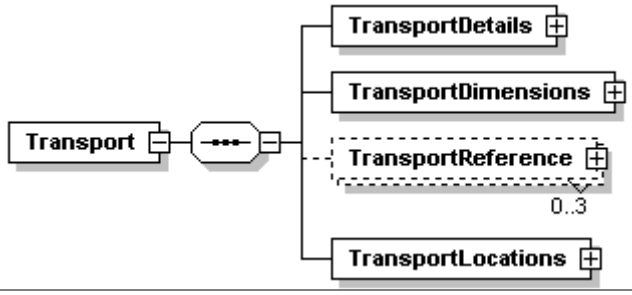
diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="TransportDocRef" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/TestScenarioRef**

diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="TestScenarioRef" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Transport**

diagram



children **TransportDetails** **TransportDimensions** **TransportReference** **TransportLocations**

source

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  <xs:sequence>
   <xs:element name="TransportDetails">
    <xs:complexType>
     <xs:sequence>
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         <xs:enumeration value="1"/>
         <xs:enumeration value="8"/>
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      <xs:element name="TransportMeans">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="4"/>
        </xs:restriction>
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      <xs:element name="VesselName">
       <xs:simpleType>
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        <xs:restriction base="xs:string">
         <xs:minLength value="2"/>
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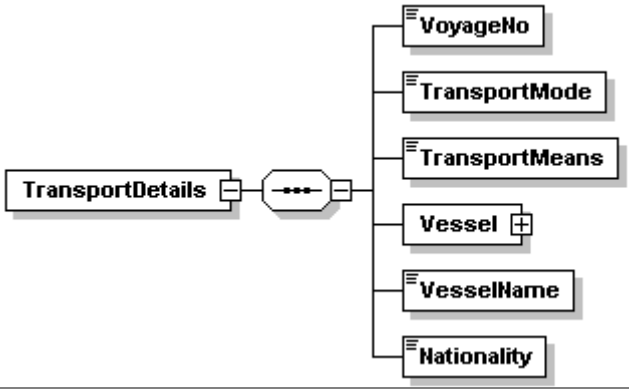
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
     <xs:attribute name="StageQualifier" type="xs:string" use="required" fixed="20"/>
    </xs:complexType>
   </xs:element>
   <xs:element name="TransportDimensions" type="TransportDimensionsType"/>
   <xs:element name="TransportReference" minOccurs="0" maxOccurs="3">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="RefQualifier">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="3"/>
```

```
                <xs:enumeration value="GNB"/>
                <xs:enumeration value="GNF"/>
                <xs:enumeration value="GNG"/>
                <xs:enumeration value=""/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="RefNo">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="35"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="TransportLocations">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="PortOfDeparture" type="LocationType"/>
          <xs:element name="PassagePoint" type="LocationType" minOccurs="0"/>
          <xs:element name="NextPortOfCall" type="LocationType" minOccurs="0"/>
          <xs:element name="RoutePoints" minOccurs="0" maxOccurs="5">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="RoutePoint" type="LocationType"/>
                <xs:element name="RoutePointPassageTime" type="xs:dateTime" minOccurs="0"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="PortOfDestination" type="LocationType"/>
          <xs:element name="ETD" type="xs:dateTime" minOccurs="0"/>
          <xs:element name="PassageTime" type="xs:dateTime" minOccurs="0"/>
          <xs:element name="ETA" type="xs:dateTime" minOccurs="0"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

element **ERINOT/Transport/TransportDetails**

diagram



children **VoyageNo TransportMode TransportMeans Vessel VesselName Nationality**

attributes

Name	Type	Use	Default	Fixed	Annotation
StageQualifier	xs:string	required		20	

source

```
<xs:element name="TransportDetails">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="VoyageNo">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="17"/>
     </xs:restriction>
    </xs:simpleType>
```

```
      </xs:element>
      <xs:element name="TransportMode">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="8"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TransportMeans">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Vessel" type="VesselType"/>
      <xs:element name="VesselName">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Nationality">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="3"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
    <xs:attribute name="StageQualifier" type="xs:string" use="required" fixed="20"/>
  </xs:complexType>
</xs:element>
```

element **ERINOT/Transport/TransportDetails/VoyageNo**

diagram	
type	restriction of **xs:string**
facets	maxLength 17
source	<xs:element name="VoyageNo"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="17"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Transport/TransportDetails/TransportMode**

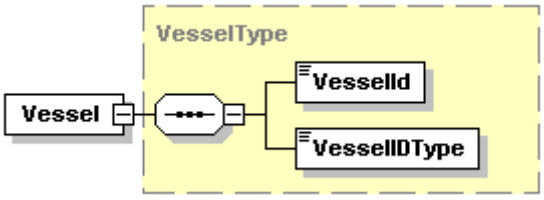
diagram	
type	restriction of **xs:string**
facets	length 1 enumeration 1 enumeration 8
source	<xs:element name="TransportMode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="1"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType>

	</xs:element>

element **ERINOT/Transport/TransportDetails/TransportMeans**

diagram	
type	restriction of **xs:string**
facets	maxLength 4
source	<xs:element name="TransportMeans"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Transport/TransportDetails/Vessel**

diagram	
type	VesselType
children	VesselId VesselIDType
source	<xs:element name="Vessel" type="VesselType"/>

element **ERINOT/Transport/TransportDetails/VesselName**

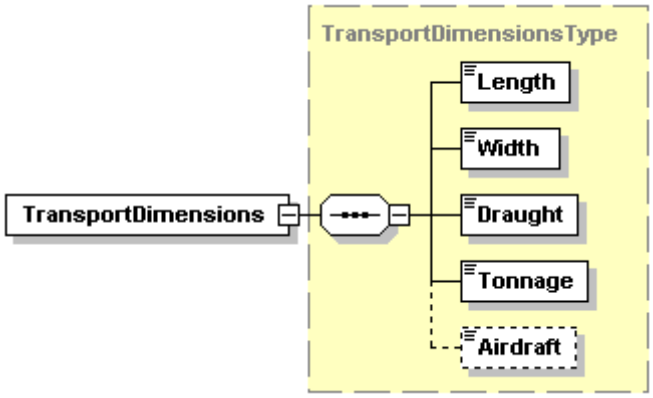
diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="VesselName"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Transport/TransportDetails/Nationality**

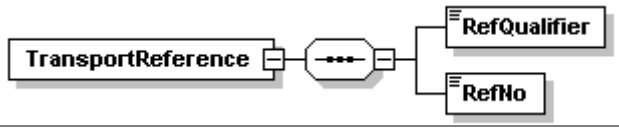
diagram	
type	restriction of **xs:string**
facets	minLength 2 maxLength 3
source	<xs:element name="Nationality"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="3"/>

```
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ERINOT/Transport/TransportDimensions**

diagram	
type	**TransportDimensionsType**
children	**Length Width Draught Tonnage Airdraft**
source	`<xs:element name="TransportDimensions" type="TransportDimensionsType"/>`

element **ERINOT/Transport/TransportReference**

diagram	
children	**RefQualifier RefNo**
source	

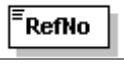
```
<xs:element name="TransportReference" minOccurs="0" maxOccurs="3">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="RefQualifier">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="3"/>
            <xs:enumeration value="GNB"/>
            <xs:enumeration value="GNF"/>
            <xs:enumeration value="GNG"/>
            <xs:enumeration value=""/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="RefNo">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **ERINOT/Transport/TransportReference/RefQualifier**

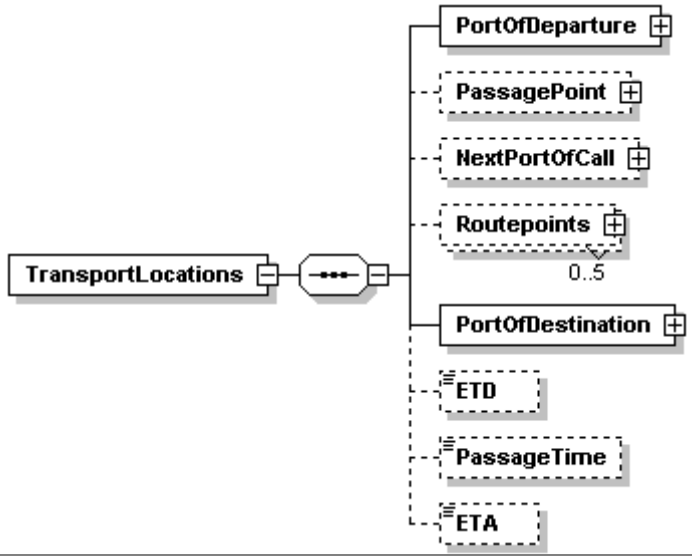
diagram	
type	restriction of **xs:string**
facets	length 3

	enumeration GNB enumeration GNF enumeration GNG enumeration
source	<xs:element name="RefQualifier"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:enumeration value="GNB"/> <xs:enumeration value="GNF"/> <xs:enumeration value="GNG"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Transport/TransportReference/RefNo**

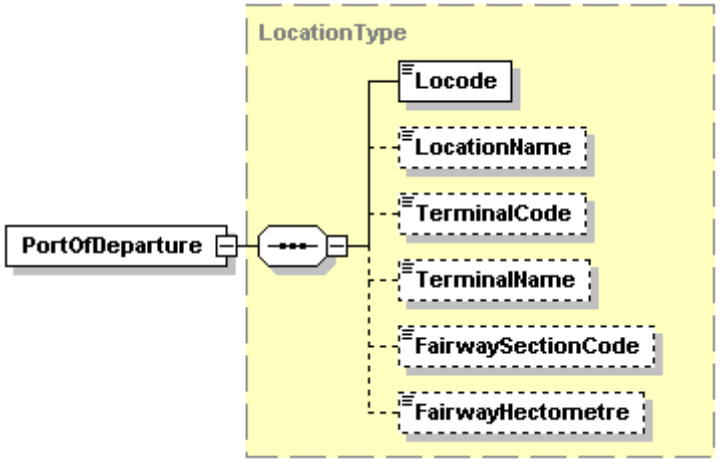
diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<<xs:element name="RefNo"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Transport/TransportLocations**

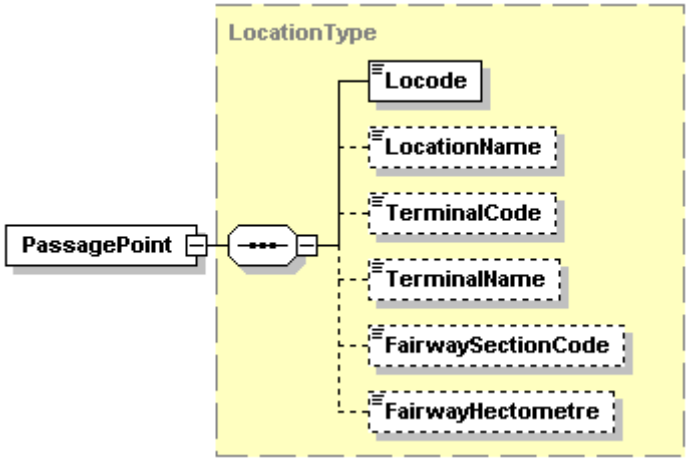
diagram	
children	PortOfDeparture PassagePoint NextPortOfCall Routepoints PortOfDestination ETD PassageTime ETA
source	<xs:element name="TransportLocations"> <xs:complexType> <xs:sequence> <xs:element name="PortOfDeparture" type="LocationType"/> <xs:element name="PassagePoint" type="LocationType" minOccurs="0"/> <xs:element name="NextPortOfCall" type="LocationType" minOccurs="0"/> <xs:element name="RoutePoints" minOccurs="0" maxOccurs="5"> <xs:complexType> <xs:sequence> <xs:element name="RoutePoint" type="LocationType"/> <xs:element name="RoutePointPassageTime" type="xs:dateTime" minOccurs="0"/> </xs:sequence>

```
      </xs:complexType>
    </xs:element>
    <xs:element name="PortOfDestination" type="LocationType"/>
    <xs:element name="ETD" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="PassageTime" type="xs:dateTime" minOccurs="0"/>
    <xs:element name="ETA" type="xs:dateTime" minOccurs="0"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

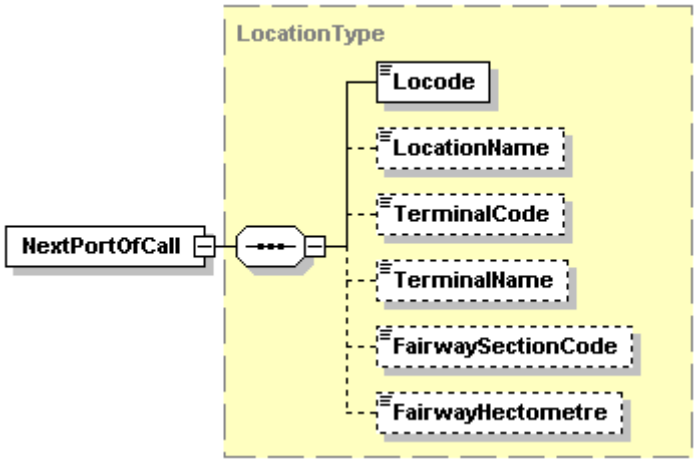
element **ERINOT/Transport/TransportLocations/PortOfDeparture**

diagram	
type	**LocationType**
children	**Locode LocationName TerminalCode TerminalName FairwaySectionCode FairwayHectometre**
source	<xs:element name="PortOfDeparture" type="LocationType"/>

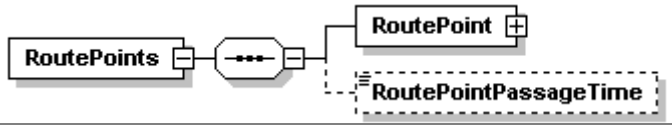
element **ERINOT/Transport/TransportLocations/PassagePoint**

diagram	
type	**LocationType**
children	**Locode LocationName TerminalCode TerminalName FairwaySectionCode FairwayHectometre**
source	<xs:element name="PassagePoint" type="LocationType" minOccurs="0"/>

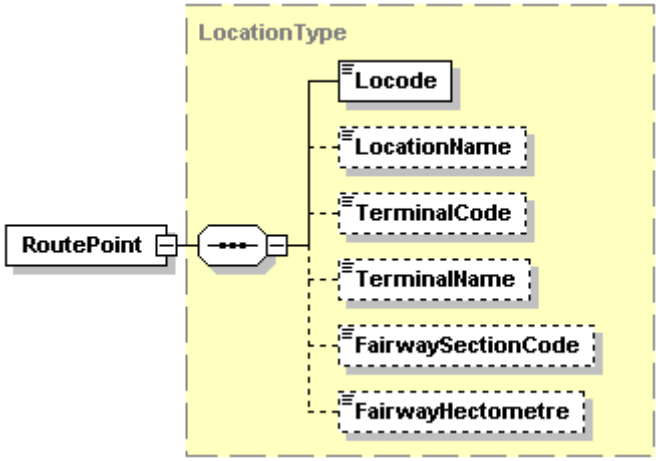
element **ERINOT/Transport/TransportLocations/NextPortOfCall**

diagram	
type	**LocationType**
children	**Locode** **LocationName** **TerminalCode** **TerminalName** **FairwaySectionCode** **FairwayHectometre**
source	<xs:element name="NextPortOfCall" type="LocationType" minOccurs="0"/>

element **ERINOT/Transport/TransportLocations/Routepoints**

diagram	
children	**RoutePoint** **RoutePointPassageTime**
source	<xs:element name="RoutePoints" minOccurs="0" maxOccurs="5"> <xs:complexType> <xs:sequence> <xs:element name="RoutePoint" type="LocationType"/> <xs:element name="RoutePointPassageTime" type="xs:dateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element>

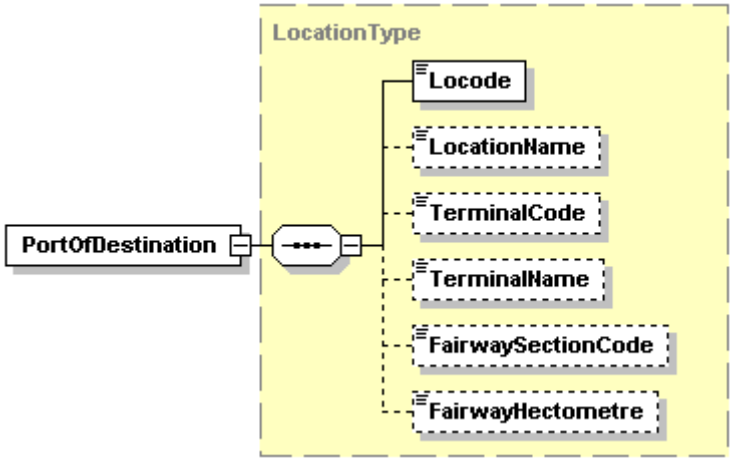
element **ERINOT/Transport/TransportLocations/RoutePoints/RoutePoint**

diagram	
type	**LocationType**
children	**Locode** **LocationName** **TerminalCode** **TerminalName** **FairwaySectionCode** **FairwayHectometre**
source	<xs:element name="RoutePoint" type="LocationType"/>

element **ERINOT/Transport/TransportLocations/RoutePoints/RoutePointPassageTime**

diagram	
type	**xs:dateTime**
source	<xs:element name="RoutePointPassageTime" type="xs:dateTime" minOccurs="0"/>

element **ERINOT/Transport/TransportLocations/PortOfDestination**

diagram	
type	**LocationType**
children	**Locode LocationName TerminalCode TerminalName FairwaySectionCode FairwayHectometre**
source	<xs:element name="PortOfDestination" type="LocationType"/>

element **ERINOT/Transport/TransportLocations/ETD**

diagram	
type	**xs:dateTime**
source	<xs:element name="ETD" type="xs:dateTime" minOccurs="0"/>

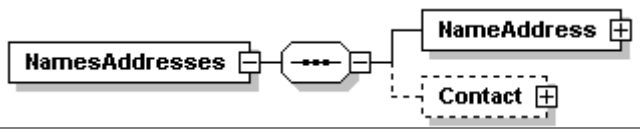
element **ERINOT/Transport/TransportLocations/PassageTime**

diagram	
type	**xs:dateTime**
source	<xs:element name="PassageTime" type="xs:dateTime" minOccurs="0"/>

element **ERINOT/Transport/TransportLocations/ETA**

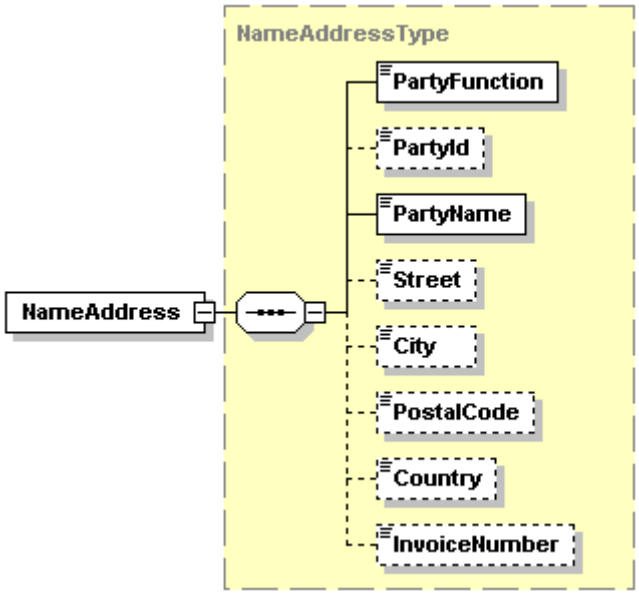
diagram	
type	**xs:dateTime**
source	<xs:element name="ETA" type="xs:dateTime" minOccurs="0"/>

element **ERINOT/MessageSenderAddress**

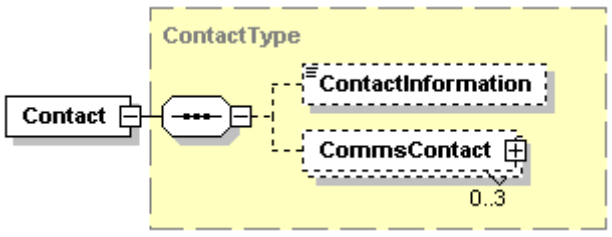
diagram	

children	NameAddress Contact
source	<xs:element name="MessageSenderAddress"> <xs:complexType> <xs:sequence> <xs:element name="NameAddress" type="NameAddressType"/> <xs:element name="Contact" type="ContactType" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element>

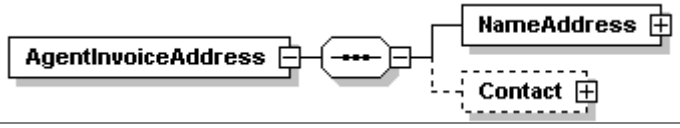
element **ERINOT/MessageSenderAddress/NameAddress**

diagram	
type	NameAddressType
children	PartyFunction PartyId PartyName Street City PostalCode Country InvoiceNumber
source	<xs:element name="NameAddress" type="NameAddressType"/>

element **ERINOT/MessageSenderAddress/Contact**

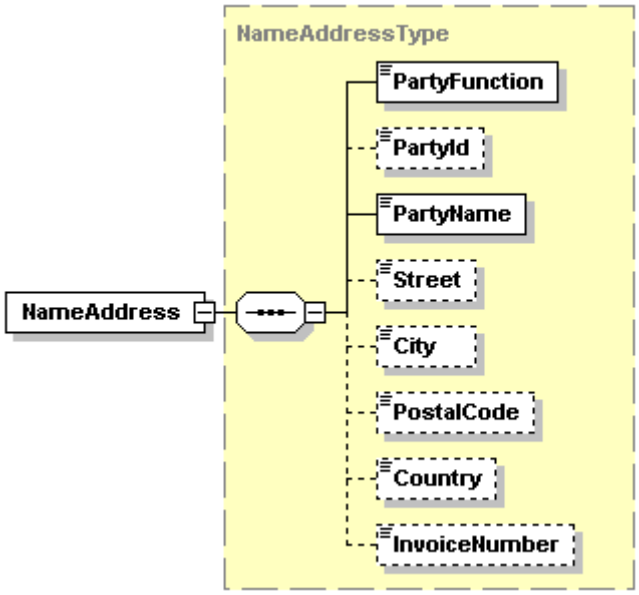
diagram	
type	ContactType
children	ContactInformation CommsContact
source	<xs:element name="Contact" type="ContactType" minOccurs="0"/>

element **ERINOT/AgentInvoiceAddress**

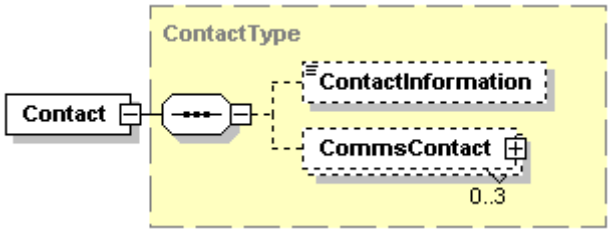
diagram	
children	NameAddress Contact
source	<xs:element name="AgentInvoiceAddress" minOccurs="0"> <xs:complexType>

```
    <xs:sequence>
      <xs:element name="NameAddress" type="NameAddressType"/>
      <xs:element name="Contact" type="ContactType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

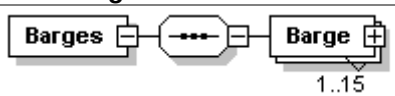
element **ERINOT/AgentInvoiceAddress/NameAddress**

diagram	
type	NameAddressType
children	PartyFunction PartyId PartyName Street City PostalCode Country InvoiceNumber
source	<xs:element name="NameAddress" type="NameAddressType"/>

element **ERINOT/AgentInvoiceAddress/Contact**

diagram	
type	ContactType
children	ContactInformation CommsContact
source	<xs:element name="Contact" type="ContactType" minOccurs="0"/>

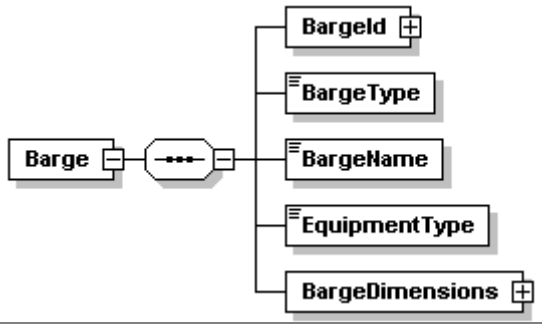
element **ERINOT/Barges**

diagram	
children	Barge
source	<xs:element name="Barges"> <xs:complexType> <xs:sequence> <xs:element name="Barge" maxOccurs="15"> <xs:complexType> <xs:sequence> <xs:element name="BargeId" type="VesselType"/> <xs:element name="BargeType">

```
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="4"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="BargeName">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="35"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="EquipmentType">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="3"/>
                <xs:enumeration value="BRY"/>
                <xs:enumeration value="BRN"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="BargeDimensions" type="TransportDimensionsType"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

element **ERINOT/Barges/Barge**

diagram



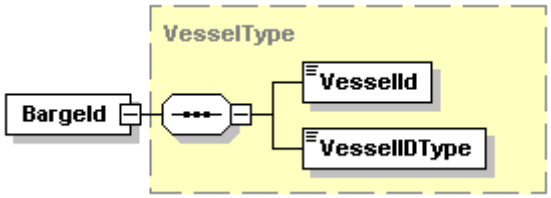
children **BargeId BargeType BargeName EquipmentType BargeDimensions**

source

```
<xs:element name="Barge" maxOccurs="15">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="BargeId" type="VesselType"/>
   <xs:element name="BargeType">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="4"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="BargeName">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="EquipmentType">
    <xs:simpleType>
     <xs:restriction base="xs:string">
      <xs:maxLength value="3"/>
      <xs:enumeration value="BRY"/>
      <xs:enumeration value="BRN"/>
     </xs:restriction>
    </xs:simpleType>
```

```
    </xs:element>
    <xs:element name="BargeDimensions" type="TransportDimensionsType"/>
   </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **ERINOT/Barges/Barge/BargeId**

diagram	
type	**VesselType**
children	**VesselId** **VesselIDType**
source	`<xs:element name="BargeId" type="VesselType"/>`

element **ERINOT/Barges/Barge/BargeType**

diagram	BargeType
type	restriction of **xs:string**
facets	maxLength 4

source	`<xs:element name="BargeType">`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:maxLength value="4"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

element **ERINOT/Barges/Barge/BargeName**

diagram	BargeName
type	restriction of **xs:string**
facets	maxLength 35

source	`<xs:element name="BargeName">`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:maxLength value="35"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

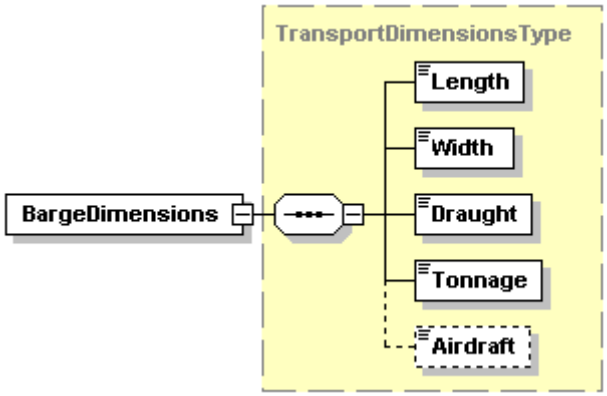
element **ERINOT/Barges/Barge/EquipmentType**

diagram	EquipmentType
type	restriction of **xs:string**
facets	maxLength 3 enumeration BRY enumeration BRN

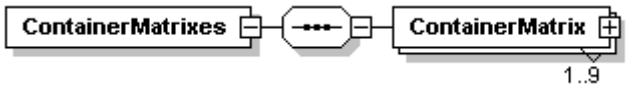
source	`<xs:element name="EquipmentType">`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:maxLength value="3"/>`
	`<xs:enumeration value="BRY"/>`
	`<xs:enumeration value="BRN"/>`
	`</xs:restriction>`

```
  </xs:simpleType>
</xs:element>
```

element **ERINOT/Barges/BargeDimensions**

diagram	
type	**TransportDimensionsType**
children	**Length Width Draught Tonnage Airdraft**
source	`<xs:element name="BargeDimensions" type="TransportDimensionsType"/>`

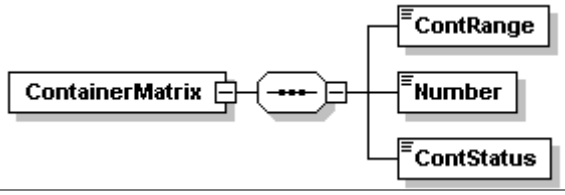
element **ERINOT/ContainerMatrixes**

diagram	
children	**ContainerMatrix**
source	see below


```
<xs:element name="ContainerMatrixes" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ContainerMatrix" maxOccurs="9">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ContRange">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="5"/>
                  <xs:enumeration value="RNG20"/>
                  <xs:enumeration value="RNG30"/>
                  <xs:enumeration value="RNG40"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Number">
              <xs:simpleType>
                <xs:restriction base="xs:integer">
                  <xs:maxInclusive value="9999"/>
                  <xs:minInclusive value="0"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ContStatus">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="1"/>
                  <xs:enumeration value="4"/>
                  <xs:enumeration value="5"/>
                  <xs:enumeration value="6"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
```

	</xs:element>

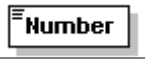
element **ERINOT/ContainerMatrixes/ContainerMatrix**

diagram	
children	**ContRange Number ContStatus**
source	<xs:element name="ContainerMatrix" maxOccurs="9"> <xs:complexType> <xs:sequence> <xs:element name="ContRange"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="5"/> <xs:enumeration value="RNG20"/> <xs:enumeration value="RNG30"/> <xs:enumeration value="RNG40"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Number"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="9999"/> <xs:minInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ContStatus"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

element **ERINOT/ContainerMatrixes/ContainerMatrix/ContRange**

diagram	
type	restriction of **xs:string**
facets	maxLength 5 enumeration RNG20 enumeration RNG30 enumeration RNG40
source	<xs:element name="ContRange"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="5"/> <xs:enumeration value="RNG20"/> <xs:enumeration value="RNG30"/> <xs:enumeration value="RNG40"/> </xs:restriction> </xs:simpleType> </xs:element>

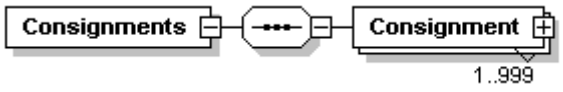
element **ERINOT/ContainerMatrixes/Number**

diagram	
type	restriction of **xs:integer**
facets	minInclusive 0 maxInclusive 9999
source	<xs:element name="Number"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="9999"/> <xs:minInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/ContainerMatrixes/ContainerMatrix/ContStatus**

diagram	
type	restriction of **xs:string**
facets	length 1 enumeration 4 enumeration 5 enumeration 6
source	<xs:element name="ContStatus"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Consignments**

diagram	
children	**Consignment**
source	<xs:element name="Consignments" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Consignment" maxOccurs="999"> <xs:complexType> <xs:sequence> <xs:element name="SequenceNo"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DepartureTime" type="xs:dateTime" minOccurs="0"/> <xs:element name="PortOfLoading" type="LocationType" minOccurs="0"/> <xs:element name="PortOfDischarge" type="LocationType" minOccurs="0"/> <xs:element name="CargoReceiver" type="NameAddressType" minOccurs="0"/>

```
<xs:element name="CargoSender" type="NameAddressType" minOccurs="0"/>
<xs:element name="ArrivalTime" type="xs:dateTime" minOccurs="0"/>
<xs:element name="CargoHandeling" type="HandlingType" minOccurs="0"/>
<xs:element name="GoodsItems">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="GoodsItem" maxOccurs="99">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="GoodsItemNo">
       <xs:simpleType>
        <xs:restriction base="xs:integer">
         <xs:maxInclusive value="99999"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfPackages" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:integer">
         <xs:maxInclusive value="99999999"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="AdditionalInfo" minOccurs="0">
       <xs:complexType>
        <xs:sequence>
         <xs:element name="TypeOfGood">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:enumeration value="D"/>
            <xs:enumeration value="N"/>
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>
         <xs:element name="CustomsStatus" minOccurs="0">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:enumeration value="T"/>
            <xs:enumeration value="C"/>
            <xs:enumeration value="F"/>
            <xs:enumeration value="X"/>
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="CustomsRefNo" minOccurs="0">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="Overseas">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:enumeration value="Y"/>
            <xs:enumeration value="N"/>
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
        </xs:sequence>
       </xs:complexType>
      </xs:element>
      <xs:element name="GoodsDescription" minOccurs="0">
       <xs:complexType>
        <xs:sequence>
         <xs:element name="GoodsName">
          <xs:simpleType>
           <xs:restriction base="xs:string">
            <xs:maxLength value="70"/>
           </xs:restriction>
          </xs:simpleType>
```

```
                    </xs:element>
                    <xs:element name="NSTRCode" minOccurs="0">
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                        </xs:restriction>
                      </xs:simpleType>
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                    <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>
                    <xs:element name="GoodsFreeRemark" minOccurs="0">
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                          <xs:maxLength value="70"/>
                        </xs:restriction>
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                </xs:complexType>
              </xs:element>
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                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="DangerousGoods">
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="Regulation">
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                                <xs:enumeration value="IMD"/>
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                            </xs:simpleType>
                          </xs:element>
                          <xs:element name="AdditionalClassification" minOccurs="0"/>
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                              </xs:restriction>
                            </xs:simpleType>
                          </xs:element>
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                          <xs:element name="FlashpointUnit" minOccurs="0">
                            <xs:simpleType>
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                                <xs:length value="3"/>
                                <xs:enumeration value="CEL"/>
                                <xs:enumeration value="FAH"/>
                              </xs:restriction>
                            </xs:simpleType>
                          </xs:element>
                          <xs:element name="PackingGroup" minOccurs="0">
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                                <xs:length value="1"/>
                              </xs:restriction>
                            </xs:simpleType>
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                            <xs:simpleType>
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                                <xs:maxLength value="6"/>
                              </xs:restriction>
                            </xs:simpleType>
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                          <xs:element name="MFAGNumber" minOccurs="0">
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```

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                                      </xs:restriction>
                                    </xs:simpleType>
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                                      </xs:restriction>
                                    </xs:simpleType>
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                          </xs:restriction>
                        </xs:simpleType>
                      </xs:element>
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                      <xs:element name="Synonym" minOccurs="0">
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                            <xs:maxLength value="70"/>
                          </xs:restriction>
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                  <xs:complexType>
                    <xs:sequence>
                      <xs:element name="SplitGoodsPlacement" type="SplitGoodsPlacementType"/>
                      <xs:element name="ContainerStowage" type="ContainerStowageType" minOccurs="0"
maxOccurs="99"/>
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
                <xs:element name="TypeOfPackages" minOccurs="0">
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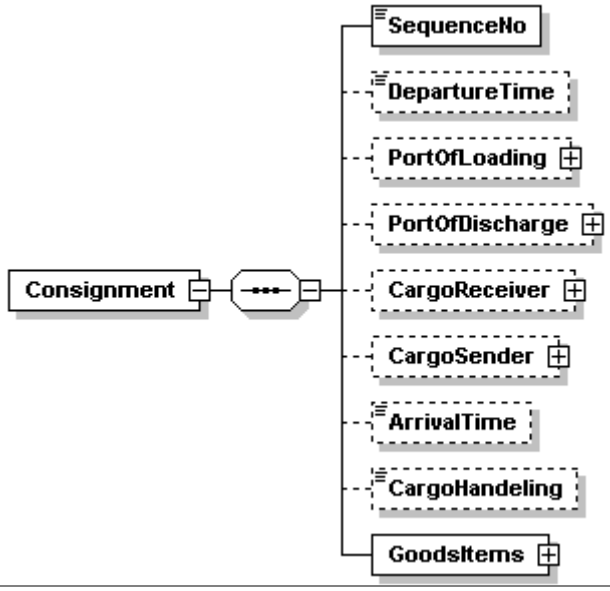
                      <xs:length value="2"/>
                    </xs:restriction>
                  </xs:simpleType>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

element **ERINOT/Consignments/Consignment**

diagram	
children	SequenceNo DepartureTime PortOfLoading PortOfDischarge CargoReceiver CargoSender ArrivalTime CargoHandeling GoodsItems
source	

```
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  <xs:sequence>
   <xs:element name="SequenceNo">
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      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="9999"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="DepartureTime" type="xs:dateTime" minOccurs="0"/>
   <xs:element name="PortOfLoading" type="LocationType" minOccurs="0"/>
   <xs:element name="PortOfDischarge" type="LocationType" minOccurs="0"/>
   <xs:element name="CargoReceiver" type="NameAddressType" minOccurs="0"/>
   <xs:element name="CargoSender" type="NameAddressType" minOccurs="0"/>
   <xs:element name="ArrivalTime" type="xs:dateTime" minOccurs="0"/>
   <xs:element name="CargoHandeling" type="HandlingType" minOccurs="0"/>
   <xs:element name="GoodsItems">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="GoodsItem" maxOccurs="99">
       <xs:complexType>
        <xs:sequence>
         <xs:element name="GoodsItemNo">
          <xs:simpleType>
           <xs:restriction base="xs:integer">
            <xs:maxInclusive value="99999"/>
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="NumberOfPackages" minOccurs="0">
          <xs:simpleType>
           <xs:restriction base="xs:integer">
            <xs:maxInclusive value="99999999"/>
           </xs:restriction>
          </xs:simpleType>
         </xs:element>
         <xs:element name="AdditionalInfo" minOccurs="0">
          <xs:complexType>
           <xs:sequence>
            <xs:element name="TypeOfGood">
             <xs:simpleType>
              <xs:restriction base="xs:string">
```

```
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                    <xs:enumeration value="D"/>
                    <xs:enumeration value="N"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>
              <xs:element name="CustomsStatus" minOccurs="0">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="1"/>
                    <xs:enumeration value="T"/>
                    <xs:enumeration value="C"/>
                    <xs:enumeration value="F"/>
                    <xs:enumeration value="X"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="CustomsRefNo" minOccurs="0">
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                  <xs:restriction base="xs:string">
                    <xs:maxLength value="35"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="Overseas">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="1"/>
                    <xs:enumeration value="Y"/>
                    <xs:enumeration value="N"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GoodsDescription" minOccurs="0">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="GoodsName">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:maxLength value="70"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="NSTRCode" minOccurs="0">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="6"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>
              <xs:element name="GoodsFreeRemark" minOccurs="0">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:maxLength value="70"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="DangerousGoodsInfo" minOccurs="0">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="DangerousGoods">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="Regulation">
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:length value="3"/>
```

```
                    <xs:enumeration value="ANR"/>
                    <xs:enumeration value="IMD"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="Classification">
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              <xs:element name="AdditionalClassification" minOccurs="0"/>
              <xs:element name="UNNumber">
                <xs:simpleType>
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                    <xs:length value="4"/>
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                </xs:simpleType>
              </xs:element>
              <xs:element name="Flashpoint" type="xs:float" minOccurs="0"/>
              <xs:element name="FlashpointUnit" minOccurs="0">
                <xs:simpleType>
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                    <xs:length value="3"/>
                    <xs:enumeration value="CEL"/>
                    <xs:enumeration value="FAH"/>
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                </xs:simpleType>
              </xs:element>
              <xs:element name="PackingGroup" minOccurs="0">
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                    <xs:length value="1"/>
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                </xs:simpleType>
              </xs:element>
              <xs:element name="EMSNumber" minOccurs="0">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:maxLength value="6"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="MFAGNumber" minOccurs="0">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:maxLength value="4"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="HazardPlacard" minOccurs="0">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="HazardPlacardUpper" minOccurs="0">
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:maxLength value="4"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:element>
                    <xs:element name="HazardPlacardLower" minOccurs="0">
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:maxLength value="4"/>
                        </xs:restriction>
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                </xs:complexType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="TechnicalName">
```

```
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                      </xs:restriction>
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                  <xs:element name="Synonym" minOccurs="0">
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:maxLength value="70"/>
                      </xs:restriction>
                    </xs:simpleType>
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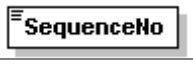
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="GoodSplitGoodsPlacements" minOccurs="0" maxOccurs="99">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="SplitGoodsPlacement" type="SplitGoodsPlacementType"/>
                  <xs:element name="ContainerStowage" type="ContainerStowageType" minOccurs="0"
maxOccurs="99"/>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="TypeOfPackages" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **ERINOT/Consignments/Consignment/SequenceNo**

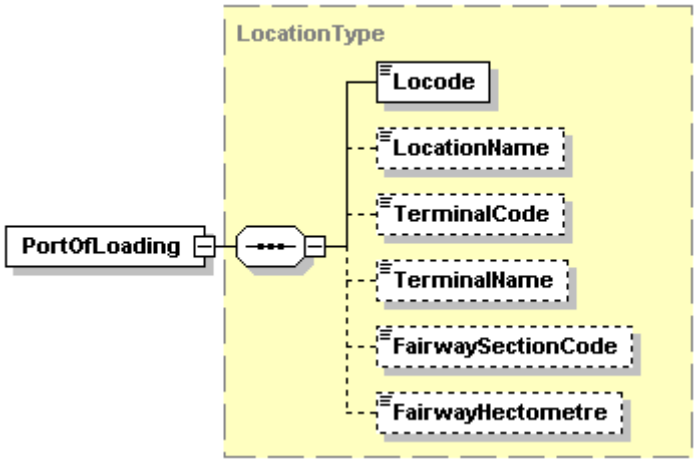
diagram	
type	restriction of **xs:integer**
facets	minInclusive 1 maxInclusive 9999

source	`<xs:element name="SequenceNo">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="1"/>`
	`  <xs:maxInclusive value="9999"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

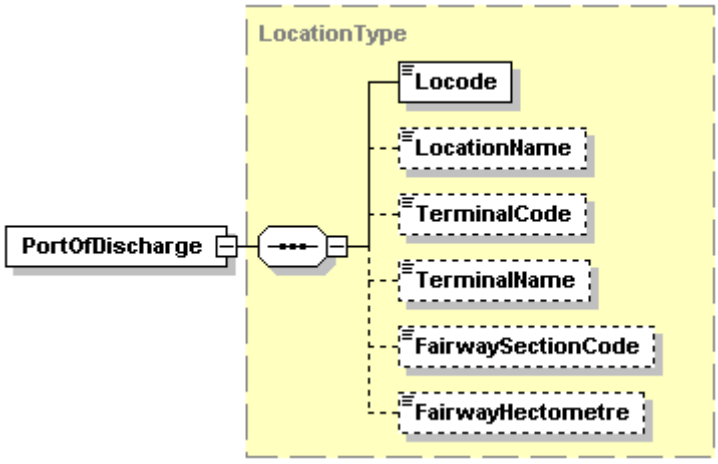
element **ERINOT/Consignments/DepartureTime**

diagram	
type	**xs:dateTime**
source	`<xs:element name="DepartureTime" type="xs:dateTime" minOccurs="0"/>`

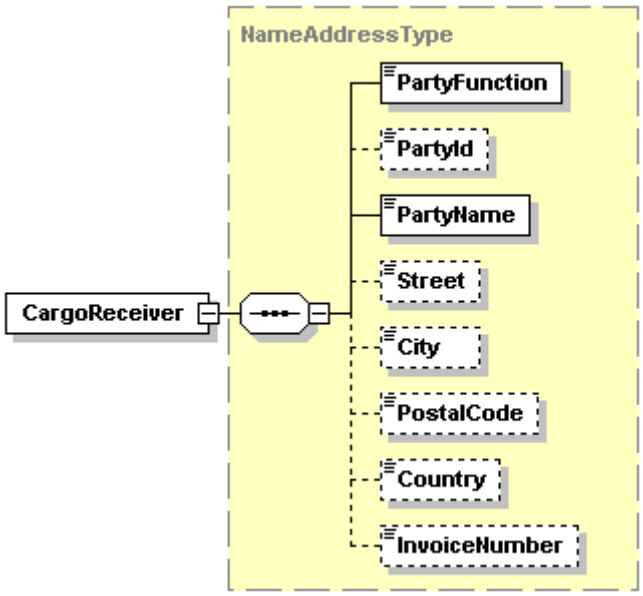
element **ERINOT/Consignments/PortOfLoading**

diagram	
type	**LocationType**
children	**Locode** **LocationName** **TerminalCode** **TerminalName** **FairwaySectionCode** **FairwayHectometre**
source	<xs:element name="PortOfLoading" type="LocationType" minOccurs="0"/>

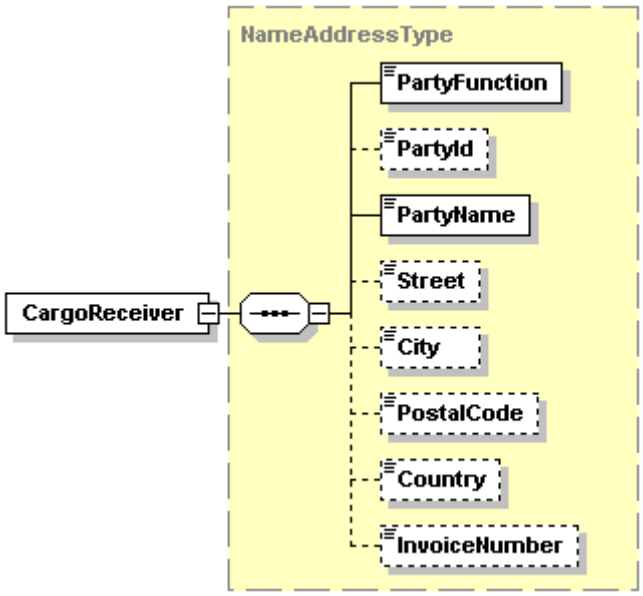
element **ERINOT/Consignments/PortOfDischarge**

diagram	
type	**LocationType**
children	**Locode** **LocationName** **TerminalCode** **TerminalName** **FairwaySectionCode** **FairwayHectometre**
source	<xs:element name="PortOfDischarge" type="LocationType" minOccurs="0"/>

element **ERINOT/Consignments/Consignment/CargoReceiver**

diagram	
type	**NameAddressType**
children	**PartyFunction PartyId PartyName Street City PostalCode Country InvoiceNumber**
source	<xs:element name="CargoReceiver" type="NameAddressType" minOccurs="0"/>

element **ERINOT/Consignments/Consignment/CargoSender**

diagram	
type	**NameAddressType**
children	**PartyFunction PartyId PartyName Street City PostalCode Country InvoiceNumber**
source	<xs:element name="CargoSender" type="NameAddressType" minOccurs="0"/>

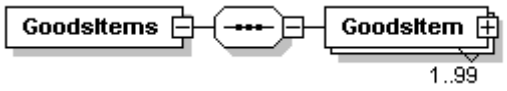
element **ERINOT/Consignments/ArrivalTime**

diagram	
type	**xs:dateTime**
source	<xs:element name="ArrivalTime" type="xs:dateTime" minOccurs="0"/>

element **ERINOT/Consignments/Consignment/CargoHandeling**

diagram	
type	**HandlingType**
facets	enumeration T enumeration LLO enumeration LDI enumeration TSP
source	<xs:element name="CargoHandeling" type="HandlingType" minOccurs="0"/>

element **ERINOT/Consignments/Consignment/GoodsItems**

diagram	
children	**GoodsItem**
source	<xs:element name="GoodsItems"> <xs:complexType> <xs:sequence> <xs:element name="GoodsItem" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element name="GoodsItemNo"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99999999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="AdditionalInfo" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TypeOfGood"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="D"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/> <xs:element name="CustomsStatus" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="T"/> <xs:enumeration value="C"/> <xs:enumeration value="F"/> <xs:enumeration value="X"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CustomsRefNo" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

```
            <xs:element name="Overseas">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="1"/>
                  <xs:enumeration value="Y"/>
                  <xs:enumeration value="N"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GoodsDescription" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="GoodsName">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="70"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="NSTRCode" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="6"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>
            <xs:element name="GoodsFreeRemark" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="70"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DangerousGoodsInfo" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DangerousGoods">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="Regulation">
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:length value="3"/>
                        <xs:enumeration value="ANR"/>
                        <xs:enumeration value="IMD"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="Classification">
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:maxLength value="7"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="AdditionalClassification" minOccurs="0"/>
                  <xs:element name="UNNumber">
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:length value="4"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="Flashpoint" type="xs:float" minOccurs="0"/>
                  <xs:element name="FlashpointUnit" minOccurs="0">
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:length value="3"/>
```

```
                    <xs:enumeration value="CEL"/>
                    <xs:enumeration value="FAH"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="PackingGroup" minOccurs="0">
                <xs:simpleType>
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                    <xs:length value="1"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="EMSNumber" minOccurs="0">
                <xs:simpleType>
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                    <xs:maxLength value="6"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
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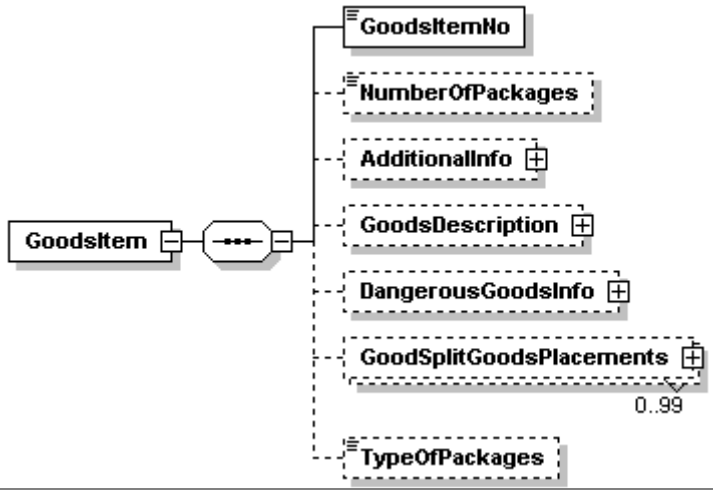
                    <xs:maxLength value="4"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="HazardPlacard" minOccurs="0">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="HazardPlacardUpper" minOccurs="0">
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:maxLength value="4"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:element>
                    <xs:element name="HazardPlacardLower" minOccurs="0">
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:maxLength value="4"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="TechnicalName">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="70"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="NetWeight" type="xs:integer"/>
        <xs:element name="Synonym" minOccurs="0">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="70"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GoodSplitGoodsPlacements" minOccurs="0" maxOccurs="99">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="SplitGoodsPlacement" type="SplitGoodsPlacementType"/>
        <xs:element name="ContainerStowage" type="ContainerStowageType" minOccurs="0"
maxOccurs="99"/>
      </xs:sequence>
    </xs:complexType>
```

```
        </xs:element>
        <xs:element name="TypeOfPackages" minOccurs="0">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="2"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
 </xs:sequence>
</xs:complexType>
</xs:element>
```

element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem**

diagram



children

GoodsItemNo NumberOfPackages AdditionalInfo GoodsDescription DangerousGoodsInfo GoodSplitGoodsPlacements TypeOfPackages

source

```
<xs:element name="GoodsItem" maxOccurs="99">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="GoodsItemNo">
    <xs:simpleType>
     <xs:restriction base="xs:integer">
      <xs:maxInclusive value="99999"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="NumberOfPackages" minOccurs="0">
    <xs:simpleType>
     <xs:restriction base="xs:integer">
      <xs:maxInclusive value="99999999"/>
     </xs:restriction>
    </xs:simpleType>
   </xs:element>
   <xs:element name="AdditionalInfo" minOccurs="0">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="TypeOfGood">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="1"/>
         <xs:enumeration value="D"/>
         <xs:enumeration value="N"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>
      <xs:element name="CustomsStatus" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:string">
```

```
            <xs:length value="1"/>
            <xs:enumeration value="T"/>
            <xs:enumeration value="C"/>
            <xs:enumeration value="F"/>
            <xs:enumeration value="X"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CustomsRefNo" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Overseas">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="1"/>
            <xs:enumeration value="Y"/>
            <xs:enumeration value="N"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="GoodsDescription" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="GoodsName">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="70"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NSTRCode" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>
      <xs:element name="GoodsFreeRemark" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="70"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="DangerousGoodsInfo" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DangerousGoods">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Regulation">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="3"/>
                  <xs:enumeration value="ANR"/>
                  <xs:enumeration value="IMD"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Classification">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="7"/>
                </xs:restriction>
```

```
      </xs:simpleType>
    </xs:element>
    <xs:element name="AdditionalClassification" minOccurs="0"/>
    <xs:element name="UNNumber">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Flashpoint" type="xs:float" minOccurs="0"/>
    <xs:element name="FlashpointUnit" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="3"/>
          <xs:enumeration value="CEL"/>
          <xs:enumeration value="FAH"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PackingGroup" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="EMSNumber" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="6"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="MFAGNumber" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="HazardPlacard" minOccurs="0">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="HazardPlacardUpper" minOccurs="0">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="4"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="HazardPlacardLower" minOccurs="0">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="4"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="TechnicalName">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="70"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
<xs:element name="NetWeight" type="xs:integer"/>
<xs:element name="Synonym" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
```

```
                <xs:maxLength value="70"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GoodSplitGoodsPlacements" minOccurs="0" maxOccurs="99">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="SplitGoodsPlacement" type="SplitGoodsPlacementType"/>
          <xs:element name="ContainerStowage" type="ContainerStowageType" minOccurs="0" maxOccurs="99"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="TypeOfPackages" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="2"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

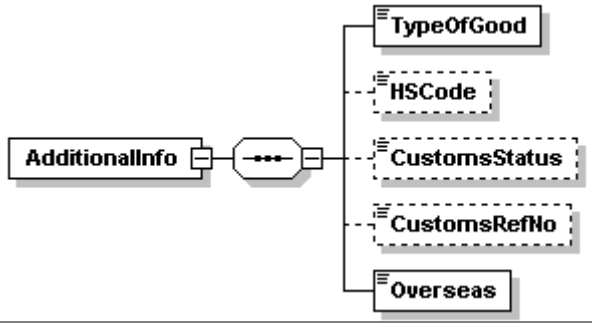
element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodsItemNo**

diagram	
type	restriction of **xs:integer**
facets	maxInclusive 99999
source	<xs:element name="GoodsItemNo"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/NumberOfPackages**

diagram	
type	restriction of **xs:integer**
facets	maxInclusive 99999999
source	<xs:element name="NumberOfPackages" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99999999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/AdditionalInfo**

diagram	
children	TypeOfGood HSCode CustomsStatus CustomsRefNo Overseas
source	<xs:element name="AdditionalInfo" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TypeOfGood"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="D"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/> <xs:element name="CustomsStatus" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="T"/> <xs:enumeration value="C"/> <xs:enumeration value="F"/> <xs:enumeration value="X"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CustomsRefNo" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Overseas"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="Y"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

element **ERINOT/Consignment/GoodsItems/GoodsItem/AdditionalInfo/TypeOfGood**

diagram	
type	restriction of **xs:string**
facets	length 1 enumeration D enumeration N
source	<xs:element name="TypeOfGood">

```
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:length value="1"/>
    <xs:enumeration value="D"/>
    <xs:enumeration value="N"/>
   </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/AdditionalInfo/HSCode

diagram	HSCode
type	HSCodeType
facets	minLength 6 maxLength 10
source	<xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/AdditionalInfo/CustomsStatus

diagram	CustomsStatus
type	restriction of **xs:string**
facets	length 1 enumeration T enumeration C enumeration F enumeration X
source	<xs:element name="CustomsStatus" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="T"/> <xs:enumeration value="C"/> <xs:enumeration value="F"/> <xs:enumeration value="X"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/AdditionalInfo/CustomsRefNo

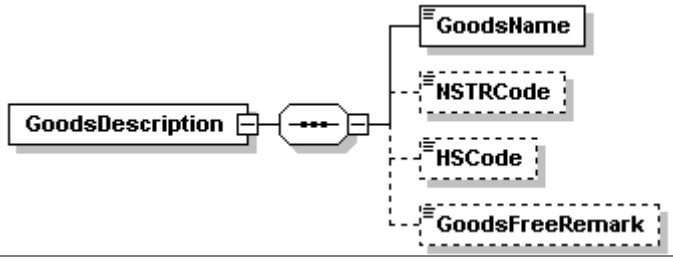
diagram	CustomsRefNo
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="CustomsRefNo" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/>

```
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/AdditionalInfo/Overseas

diagram	
type	restriction of **xs:string**
facets	length 1 enumeration Y enumeration N
source	<xs:element name="Overseas"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> <xs:enumeration value="Y"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodsDescription**

diagram	
children	**GoodsName NSTRCode HSCode GoodsFreeRemark**
source	<xs:element name="GoodsDescription" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="GoodsName"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NSTRCode" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="HSCode" type="HSCodeType" minOccurs="0"/> <xs:element name="GoodsFreeRemark" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType>

	</xs:element>

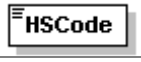
element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodsDescription/GoodsName

diagram	
type	restriction of **xs:string**
facets	maxLength 70
source	<xs:element name="GoodsName"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodsDescription/NSTRCode

diagram	
type	restriction of **xs:string**
facets	length 6
source	<xs:element name="NSTRCode" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodsDescription/HSCode

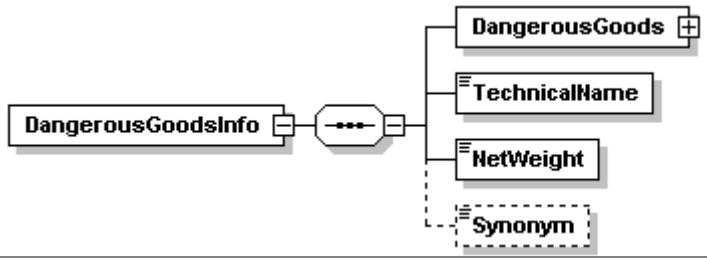
diagram	
type	**HSCodeType**
facets	minLength 6 maxLength 10
source	<xs:element name="HSCode" type="HSCodeType" minOccurs="0"/>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodsDescription/GoodsFreeRemark

diagram	
type	restriction of **xs:string**
facets	maxLength 70
source	<xs:element name="GoodsFreeRemark" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo**

diagram



children **DangerousGoods TechnicalName NetWeight Synonym**

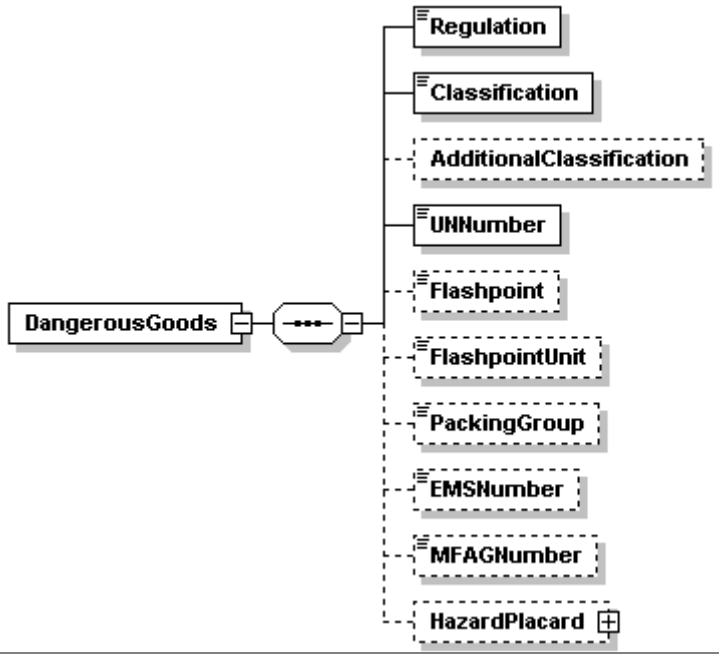
source

```
<xs:element name="DangerousGoodsInfo" minOccurs="0">
 <xs:complexType>
  <xs:sequence>
   <xs:element name="DangerousGoods">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="Regulation">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="3"/>
         <xs:enumeration value="ANR"/>
         <xs:enumeration value="IMD"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Classification">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="7"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="AdditionalClassification" minOccurs="0"/>
      <xs:element name="UNNumber">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="4"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="Flashpoint" type="xs:float" minOccurs="0"/>
      <xs:element name="FlashpointUnit" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="3"/>
         <xs:enumeration value="CEL"/>
         <xs:enumeration value="FAH"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="PackingGroup" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:length value="1"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="EMSNumber" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="6"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="MFAGNumber" minOccurs="0">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="4"/>
        </xs:restriction>
       </xs:simpleType>
```

```
          </xs:element>
          <xs:element name="HazardPlacard" minOccurs="0">
           <xs:complexType>
            <xs:sequence>
             <xs:element name="HazardPlacardUpper" minOccurs="0">
              <xs:simpleType>
               <xs:restriction base="xs:string">
                <xs:maxLength value="4"/>
               </xs:restriction>
              </xs:simpleType>
             </xs:element>
             <xs:element name="HazardPlacardLower" minOccurs="0">
              <xs:simpleType>
               <xs:restriction base="xs:string">
                <xs:maxLength value="4"/>
               </xs:restriction>
              </xs:simpleType>
             </xs:element>
            </xs:sequence>
           </xs:complexType>
          </xs:element>
         </xs:sequence>
        </xs:complexType>
       </xs:element>
       <xs:element name="TechnicalName">
        <xs:simpleType>
         <xs:restriction base="xs:string">
          <xs:maxLength value="70"/>
         </xs:restriction>
        </xs:simpleType>
       </xs:element>
       <xs:element name="NetWeight" type="xs:integer"/>
       <xs:element name="Synonym" minOccurs="0">
        <xs:simpleType>
         <xs:restriction base="xs:string">
          <xs:maxLength value="70"/>
         </xs:restriction>
        </xs:simpleType>
       </xs:element>
      </xs:sequence>
     </xs:complexType>
    </xs:element>
```

element

ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods

diagram	
children	Regulation Classification AdditionalClassification UNNumber Flashpoint FlashpointUnit PackingGroup EMSNumber MFAGNumber HazardPlacard
source	<xs:element name="DangerousGoods"> <xs:complexType> <xs:sequence> <xs:element name="Regulation"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:enumeration value="ANR"/> <xs:enumeration value="IMD"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Classification"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="AdditionalClassification" minOccurs="0"/> <xs:element name="UNNumber"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Flashpoint" type="xs:float" minOccurs="0"/> <xs:element name="FlashpointUnit" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:enumeration value="CEL"/> <xs:enumeration value="FAH"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackingGroup" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EMSNumber" minOccurs="0">

```
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="MFAGNumber" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="HazardPlacard" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="HazardPlacardUpper" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="4"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="HazardPlacardLower" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="4"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/Regulation

diagram	Regulation
type	restriction of **xs:string**
facets	length 3 enumeration ANR enumeration IMD

source	`<xs:element name="Regulation">`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:length value="3"/>`
	`<xs:enumeration value="ANR"/>`
	`<xs:enumeration value="IMD"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/Classification

diagram	Classification
type	restriction of **xs:string**
facets	maxLength 7

source	<xs:element name="Classification"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/AdditionalClassification

diagram	AdditionalClassification
source	<xs:element name="AdditionalClassification" minOccurs="0"/>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/UNNumber

diagram	UNNumber
type	restriction of **xs:string**
facets	length 4
source	<xs:element name="UNNumber"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/Flashpoint

diagram	Flashpoint
type	**xs:float**
source	<xs:element name="Flashpoint" type="xs:float" minOccurs="0"/>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/FlashpointUnit

diagram	FlashpointUnit
type	restriction of **xs:string**
facets	length 3 enumeration CEL enumeration FAH
source	<xs:element name="FlashpointUnit" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string">

```
      <xs:length value="3"/>
      <xs:enumeration value="CEL"/>
      <xs:enumeration value="FAH"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/PackingGroup

diagram	
type	restriction of **xs:string**
facets	length 1
source	<xs:element name="PackingGroup" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

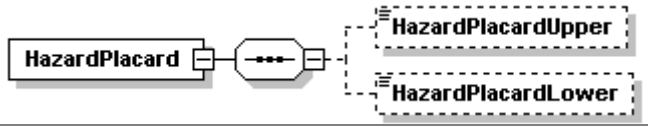
element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/EMSNumber

diagram	
type	restriction of **xs:string**
facets	maxLength 6
source	<xs:element name="EMSNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element>

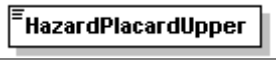
element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/MFAGNumber

diagram	
type	restriction of **xs:string**
facets	maxLength 4
source	<xs:element name="MFAGNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/HazardPlacard

diagram	
children	HazardPlacardUpper HazardPlacardLower
source	<xs:element name="HazardPlacard" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="HazardPlacardUpper" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="HazardPlacardLower" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/HazardPlacard/HazardPlacardUpper

diagram	
type	restriction of **xs:string**
facets	maxLength 4
source	<xs:element name="HazardPlacardUpper" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/DangerousGoods/HazardPlacard/HazardPlacardLower

diagram	
type	restriction of **xs:string**
facets	maxLength 4
source	<xs:element name="HazardPlacardLower" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType>

	</xs:element>

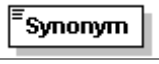
element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/TechnicalName

diagram	
type	restriction of **xs:string**
facets	maxLength 70
source	<xs:element name="TechnicalName"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

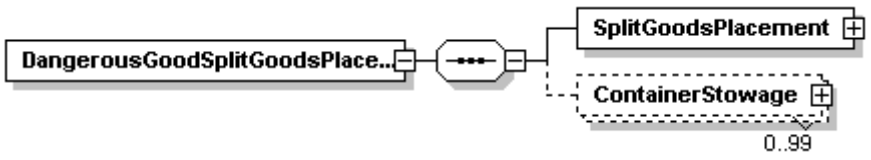
element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/NetWeight

diagram	
type	**xs:integer**
source	<xs:element name="NetWeight" type="xs:integer"/>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/DangerousGoodsInfo/Synonym

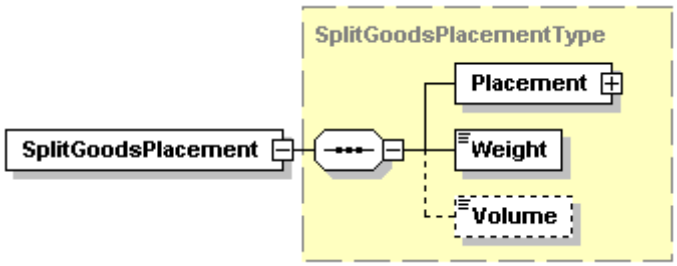
diagram	
type	restriction of **xs:string**
facets	maxLength 70
source	<xs:element name="Synonym" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodSplitGoodsPlacements

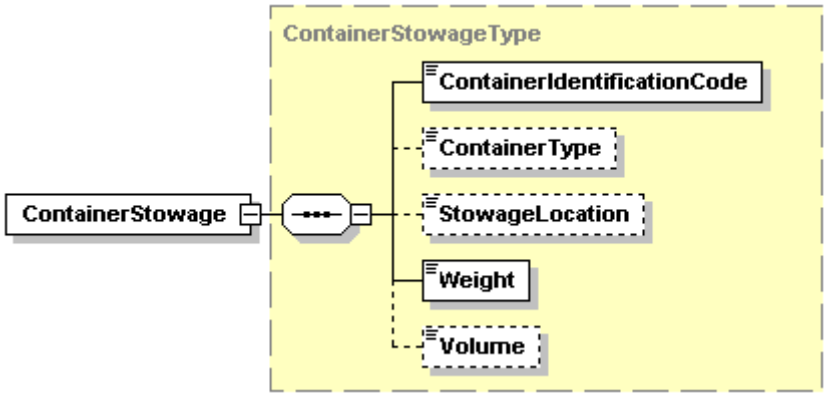
diagram	
children	SplitGoodsPlacement ContainerStowage
source	<xs:element name="GoodSplitGoodsPlacements" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence>

```
    <xs:element name="SplitGoodsPlacement" type="SplitGoodsPlacementType"/>
    <xs:element name="ContainerStowage" type="ContainerStowageType" minOccurs="0" maxOccurs="99"/>
   </xs:sequence>
  </xs:complexType>
</xs:element>
```

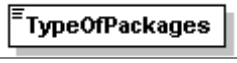
element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodSplitGoodsPlacements/SplitGoodsPlacement

diagram	
type	**SplitGoodsPlacementType**
children	**Placement Weight Volume**
source	<xs:element name="SplitGoodsPlacement" type="SplitGoodsPlacementType"/>

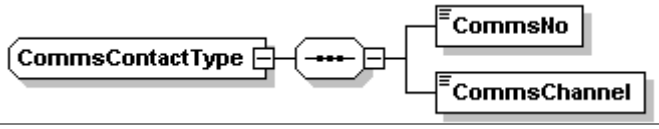
element
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodSplitGoodsPlacements/ContainerStowage

diagram	
type	**ContainerStowageType**
children	**ContainerIdentificationCode ContainerType StowageLocation Weight Volume**
source	<xs:element name="ContainerStowage" type="ContainerStowageType" minOccurs="0" maxOccurs="99"/>

element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/TypeOfPackages**

diagram	
type	restriction of **xs:string**
facets	length 2
source	<xs:element name="TypeOfPackages" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element>

complexType **CommsContactType**

diagram	
children	**CommsNo** **CommsChannel**
used by	element **ContactType/CommsContact**
source	<xs:complexType name="CommsContactType"> <xs:sequence> <xs:element name="CommsNo"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CommsChannel"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:enumeration value="TE"/> <xs:enumeration value="FX"/> <xs:enumeration value="EM"/> <xs:enumeration value="EI"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType>

element **CommsContactType/CommsNo**

diagram	
type	restriction of **xs:string**
facets	maxLength 70
source	<xs:element name="CommsNo"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

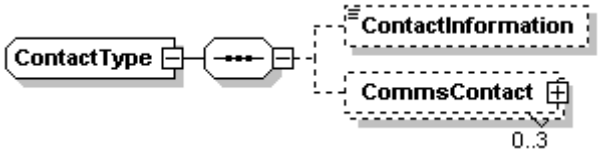
element **CommsContactType/CommsChannel**

diagram	
type	restriction of **xs:string**
facets	maxLength 3 enumeration TE enumeration FX enumeration EM enumeration EI
source	<xs:element name="CommsChannel"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/>

```
      <xs:enumeration value="TE"/>
      <xs:enumeration value="FX"/>
      <xs:enumeration value="EM"/>
      <xs:enumeration value="EI"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

complexType **ContactType**

diagram



children **ContactInformation** **CommsContact**
used by elements **ERINOT/MessageSenderAddress/Contact**
ERINOT/AgentInvoiceAddress/Contact

source

```
<xs:complexType name="ContactType">
  <xs:sequence>
    <xs:element name="ContactInformation" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CommsContact" type="CommsContactType" minOccurs="0" maxOccurs="3"/>
  </xs:sequence>
</xs:complexType>
```

element **ContactType/ContactInformation**

diagram

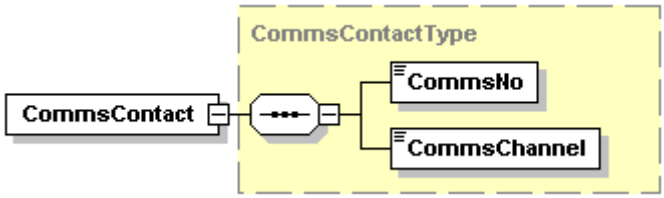
type restriction of **xs:string**
facets maxLength 35

source

```
<xs:element name="ContactInformation" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ContactType/CommsContact**

diagram



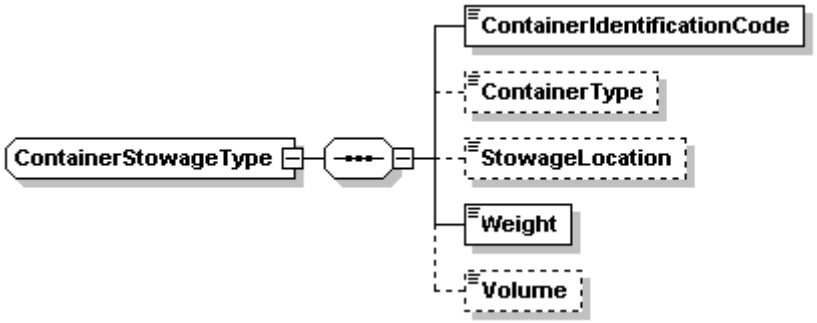
type **CommsContactType**
children **CommsNo** **CommsChannel**

source

```
<xs:element name="CommsContact" type="CommsContactType" minOccurs="0" maxOccurs="3"/>
```

complexType **ContainerStowageType**

diagram



children **ContainerIdentificationCode** **ContainerType** **StowageLocation** **Weight** **Volume**
used by element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodSplitGoodsPlacements/ContainerStowage**

source

```
<xs:complexType name="ContainerStowageType">
 <xs:sequence>
  <xs:element name="ContainerIdentificationCode">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="17"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="ContainerType" minOccurs="0">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="4"/>
     <xs:minLength value="4"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="StowageLocation" minOccurs="0">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="25"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="Weight" type="WeightType"/>
  <xs:element name="Volume" type="VolumeType" minOccurs="0"/>
 </xs:sequence>
</xs:complexType>
```

element **ContainerStowageType/ContainerIdentificationCode**

diagram

type restriction of **xs:string**
facets maxLength 17

source

```
<xs:element name="ContainerIdentificationCode">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="17"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **ContainerStowageType/ContainerType**

diagram

type restriction of **xs:string**
facets minLength 4
maxLength 4

source

```
<xs:element name="ContainerType" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
```

```
      <xs:maxLength value="4"/>
      <xs:minLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ContainerStowageType/StowageLocation**

diagram

type restriction of **xs:string**
facets maxLength 25
source

```
<xs:element name="StowageLocation" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="25"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ContainerStowageType/Weight**

diagram

type WeightType
facets minInclusive 0
maxInclusive 999999999
source

```
<xs:element name="Weight" type="WeightType"/>
```

element **ContainerStowageType/Volume**

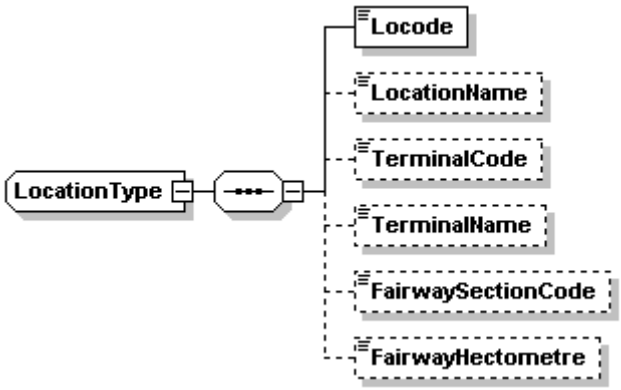
diagram

type VolumeType
facets minInclusive 0
maxInclusive 999999999
source

```
<xs:element name="Volume" type="VolumeType" minOccurs="0"/>
```

complexType **LocationType**

diagram



children Locode LocationName TerminalCode TerminalName FairwaySectionCode FairwayHectometre
used by elements ERINOT/Transport/TransportLocations/NextPortOfCall
ERINOT/Transport/TransportLocations/PassagePoint
ERINOT/Transport/TransportLocations/PortOfDeparture
ERINOT/Transport/TransportLocations/PortOfDestination
ERINOT/Consignments/Consignment/PortOfDischarge
ERINOT/Consignments/Consignment/PortOfLoading
ERINOT/Transport/TransportLocations/RoutePoints/RoutePoint
source

```
<xs:complexType name="LocationType">
  <xs:sequence>
    <xs:element name="Locode">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="5"/>
        </xs:restriction>
      </xs:simpleType>
```

```
    </xs:element>
    <xs:element name="LocationName" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="17"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="TerminalCode" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="10"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="TerminalName" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="70"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="FairwaySectionCode" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="7"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="FairwayHectometre" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="5"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
   </xs:sequence>
  </xs:complexType>
```

element **LocationType/Locode**

diagram 

type restriction of **xs:string**
facets length 5
source

```
<xs:element name="Locode">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:length value="5"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **LocationType/LocationName**

diagram 

type restriction of **xs:string**
facets maxLength 17
source

```
<xs:element name="LocationName" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="17"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **LocationType/TerminalCode**

diagram 

type restriction of **xs:string**
facets maxLength 10
source
```
<xs:element name="TerminalCode" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="10"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

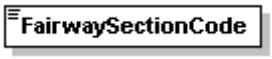
element **LocationType/TerminalName**

diagram

type restriction of **xs:string**
facets maxLength 70
source
```
<xs:element name="TerminalName" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="70"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **LocationType/FairwaySectionCode**

diagram



type restriction of **xs:string**
facets maxLength 7
source
```
<xs:element name="FairwaySectionCode" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="7"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

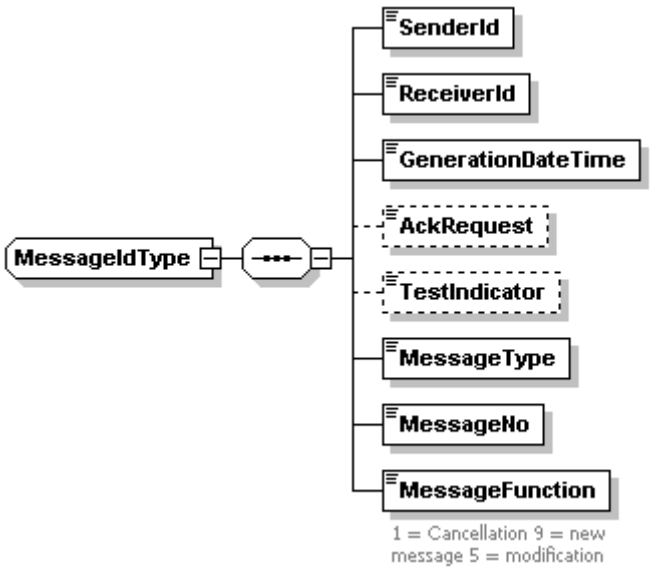
element **LocationType/FairwayHectometre**

diagram

type restriction of **xs:string**
facets maxLength 5
source
```
<xs:element name="FairwayHectometre" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

complexType **MessageIdType**

diagram



children **SenderId** **ReceiverId** **GenerationDateTime** **AckRequest** **TestIndicator** **MessageType** **MessageNo** **MessageFunction**

used by element **ERINOT/MessageId**

source

```
<xs:complexType name="MessageIdType">
 <xs:sequence>
  <xs:element name="SenderId">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="25"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="ReceiverId">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="25"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="GenerationDateTime" type="xs:dateTime"/>
  <xs:element name="AckRequest" minOccurs="0">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="1"/>
     <xs:enumeration value="1"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="TestIndicator" minOccurs="0">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="1"/>
     <xs:enumeration value="1"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
  <xs:element name="MessageType">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:maxLength value="3"/>
     <xs:enumeration value="VES"/>
     <xs:enumeration value="CAR"/>
     <xs:enumeration value="PAS"/>
     <xs:enumeration value="POS"/>
     <xs:enumeration value="VER"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:element>
```

```
      <xs:element name="MessageNo">
       <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:maxLength value="23"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
      <xs:element name="MessageFunction">
       <xs:annotation>
        <xs:documentation>1 = Cancellation 9 = new message 5 = modification</xs:documentation>
       </xs:annotation>
       <xs:simpleType>
        <xs:restriction base="xs:integer">
         <xs:enumeration value="1"/>
         <xs:enumeration value="5"/>
         <xs:enumeration value="9"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:element>
     </xs:sequence>
    </xs:complexType>
```

element **MessageIdType/SenderId**

diagram 

type restriction of **xs:string**
facets maxLength 25
source

```
<xs:element name="SenderId">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="25"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **MessageIdType/ReceiverId**

diagram 

type restriction of **xs:string**
facets maxLength 25
source

```
<xs:element name="ReceiverId">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="25"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
```

element **MessageIdType/GenerationDateTime**

diagram 

type **xs:dateTime**
source

```
<xs:element name="GenerationDateTime" type="xs:dateTime"/>
```

element **MessageIdType/AckRequest**

diagram 

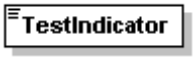
type restriction of **xs:string**
facets maxLength 1
enumeration 1
source

```
<xs:element name="AckRequest" minOccurs="0">
 <xs:simpleType>
  <xs:restriction base="xs:string">
   <xs:maxLength value="1"/>
   <xs:enumeration value="1"/>
  </xs:restriction>
```

```
  </xs:simpleType>
</xs:element>
```

element **MessageIdType/TestIndicator**

diagram



type restriction of **xs:string**
facets maxLength 1
enumeration 1
source

```
<xs:element name="TestIndicator" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="1"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **MessageIdType/MessageType**

diagram

type restriction of **xs:string**
facets maxLength 3
enumeration VES
enumeration CAR
enumeration PAS
enumeration POS
enumeration VER
source

```
<xs:element name="MessageType">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="3"/>
      <xs:enumeration value="VES"/>
      <xs:enumeration value="CAR"/>
      <xs:enumeration value="PAS"/>
      <xs:enumeration value="POS"/>
      <xs:enumeration value="VER"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **MessageIdType/MessageNo**

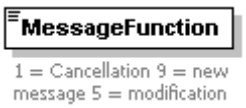
diagram

type restriction of **xs:string**
facets maxLength 23
source

```
<xs:element name="MessageNo">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="23"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **MessageIdType/MessageFunction**

diagram



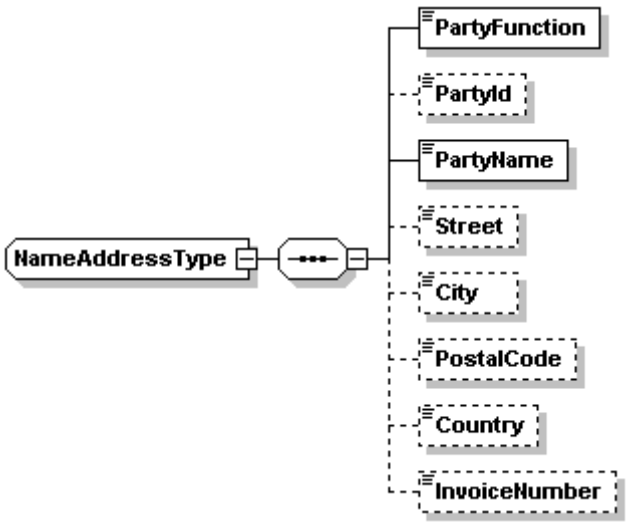
type restriction of **xs:integer**
facets enumeration 1
enumeration 5
enumeration 9
annotation documentation 1 = Cancellation 9 = new message 5 = modification
source

```
<xs:element name="MessageFunction">
```

```
    <xs:annotation>
      <xs:documentation>1 = Cancellation 9 = new message 5 = modification</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:integer">
        <xs:enumeration value="1"/>
        <xs:enumeration value="5"/>
        <xs:enumeration value="9"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
```

complexType **NameAddressType**

diagram



children PartyFunction PartyId PartyName Street City PostalCode Country InvoiceNumber

used by elements ERINOT/Consignments/Consignment/CargoReceiver
ERINOT/Consignments/Consignment/CargoSender
ERINOT/MessageSenderAddress/NameAddress ERINOT/AgentInvoiceAddress/NameAddress

source

```
<xs:complexType name="NameAddressType">
  <xs:sequence>
    <xs:element name="PartyFunction">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="3"/>
          <xs:enumeration value="MS"/>
          <xs:enumeration value="CG"/>
          <xs:enumeration value="SF"/>
          <xs:enumeration value="ST"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PartyId" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PartyName">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Street" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="City" minOccurs="0">
```

```
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PostalCode" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="9"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Country" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="2"/>
          <xs:maxLength value="3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="InvoiceNumber" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **NameAddressType/PartyFunction**

diagram 

type restriction of **xs:string**
facets maxLength 3
enumeration MS
enumeration CG
enumeration SF
enumeration ST

source

```
<xs:element name="PartyFunction">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="3"/>
      <xs:enumeration value="MS"/>
      <xs:enumeration value="CG"/>
      <xs:enumeration value="SF"/>
      <xs:enumeration value="ST"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/PartyId**

diagram 

type restriction of **xs:string**
facets maxLength 35

source

```
<xs:element name="PartyId" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/PartyName**

diagram 

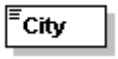
type restriction of **xs:string**
facets maxLength 35
source
```
<xs:element name="PartyName">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/Street**

diagram 

type restriction of **xs:string**
facets maxLength 35
source
```
<xs:element name="Street" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/City**

diagram 

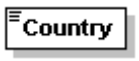
type restriction of **xs:string**
facets maxLength 35
source
```
<xs:element name="City" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/PostalCode**

diagram 

type restriction of **xs:string**
facets maxLength 9
source
```
<xs:element name="PostalCode" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/Country**

diagram 

type restriction of **xs:string**
facets minLength 2
maxLength 3
source
```
<xs:element name="Country" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="2"/>
      <xs:maxLength value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/InvoiceNumber**

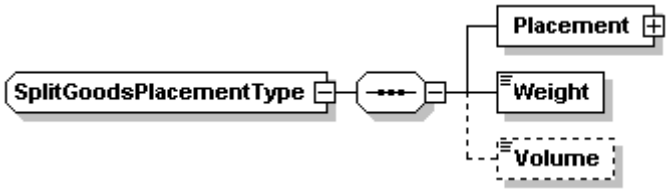
diagram

type restriction of **xs:string**
facets maxLength 35
source

```
<xs:element name="InvoiceNumber" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

complexType **SplitGoodsPlacementType**

diagram

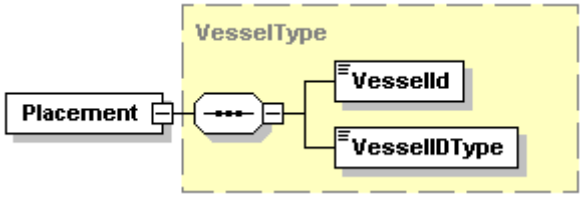


children **Placement** **Weight** **Volume**
used by element **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodSplitGoodsPlacements/SplitGoodsPlacement**
source

```
<xs:complexType name="SplitGoodsPlacementType">
  <xs:sequence>
    <xs:element name="Placement" type="VesselType"/>
    <xs:element name="Weight" type="WeightType"/>
    <xs:element name="Volume" type="VolumeType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

element **SplitGoodsPlacementType/Placement**

diagram



type **VesselType**
children **VesselId** **VesselIDType**
source

```
<xs:element name="Placement" type="VesselType"/>
```

element **SplitGoodsPlacementType/Weight**

diagram

type **WeightType**
facets minInclusive 0
maxInclusive 999999999
source

```
<xs:element name="Weight" type="WeightType"/>
```

element **SplitGoodsPlacementType/Volume**

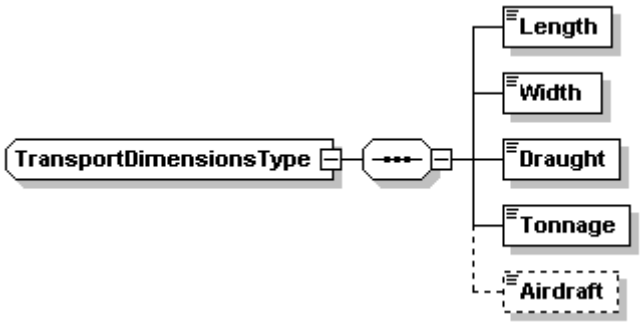
diagram

type **VolumeType**
facets minInclusive 0
maxInclusive 999999999
source

```
<xs:element name="Volume" type="VolumeType" minOccurs="0"/>
```

complexType **TransportDimensionsType**

diagram



children **Length** **Width** **Draught** **Tonnage** **Airdraft**

used by elements **ERINOT/Barges/Barge/BargeDimensions**
ERINOT/Transport/TransportDimensions

source

```
<xs:complexType name="TransportDimensionsType">
  <xs:sequence>
    <xs:element name="Length">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:minInclusive value="0"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Width">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:minInclusive value="0"/>
          <xs:maxInclusive value="9999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Draught">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:minInclusive value="0"/>
          <xs:maxInclusive value="9999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Tonnage">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:minInclusive value="0"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Airdraft" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:minInclusive value="0000"/>
          <xs:maxInclusive value="9999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **TransportDimensionsType/Length**

diagram

type restriction of **xs:integer**

facets minInclusive 0
maxInclusive 99999

source

```
<xs:element name="Length">
  <xs:simpleType>
    <xs:restriction base="xs:integer">
```

```
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="99999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TransportDimensionsType/Width**

diagram 

type restriction of **xs:integer**
facets minInclusive 0
maxInclusive 9999
source

```
<xs:element name="Width">
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TransportDimensionsType/Draught**

diagram 

type restriction of **xs:integer**
facets minInclusive 0
maxInclusive 9999
source

```
<xs:element name="Draught">
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TransportDimensionsType/Tonnage**

diagram 

type restriction of **xs:integer**
facets minInclusive 0
maxInclusive 99999
source

```
<xs:element name="Tonnage">
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="99999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TransportDimensionsType/Airdraft**

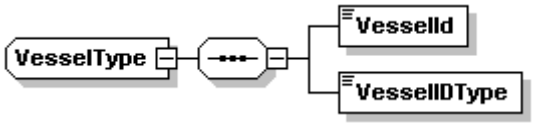
diagram 

type restriction of **xs:integer**
facets minInclusive 0000
maxInclusive 9999
source

```
<xs:element name="Airdraft" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0000"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

complexType **VesselType**

diagram



children VesselId VesselIDType

used by
elements ERINOT/Barges/Barge/BargeId
SplitGoodsPlacementType/Placement
ERINOT/Transport/TransportDetails/Vessel

source

```
<xs:complexType name="VesselType">
  <xs:sequence>
    <xs:element name="VesselId">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="7"/>
          <xs:maxLength value="8"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="VesselIDType">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="3"/>
          <xs:enumeration value="OFS"/>
          <xs:enumeration value="ERN"/>
          <xs:enumeration value="IMO"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **VesselType/VesselId**

diagram

type restriction of **xs:string**

facets
minLength 7
maxLength 8

source

```
<xs:element name="VesselId">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="7"/>
      <xs:maxLength value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **VesselType/VesselIDType**

diagram

type restriction of **xs:string**

facets
length 3
enumeration OFS
enumeration ERN
enumeration IMO

source

```
<xs:element name="VesselIDType">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="3"/>
      <xs:enumeration value="OFS"/>
      <xs:enumeration value="ERN"/>
      <xs:enumeration value="IMO"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

simpleType **HandlingType**

type restriction of **xs:string**
used by element **ERINOT/Consignments/Consignment/CargoHandeling**
facets enumeration T
enumeration LLO
enumeration LDI
enumeration TSP

```
source <xs:simpleType name="HandlingType">
         <xs:restriction base="xs:string">
           <xs:enumeration value="T"/>
           <xs:enumeration value="LLO"/>
           <xs:enumeration value="LDI"/>
           <xs:enumeration value="TSP"/>
         </xs:restriction>
       </xs:simpleType>
```

simpleType **HSCodeType**

type restriction of **xs:string**
used by elements **ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/AdditionalInfo/HSCode**
ERINOT/Consignments/Consignment/GoodsItems/GoodsItem/GoodsDescription/HSCode
facets minLength 6
maxLength 10

```
source <xs:simpleType name="HSCodeType">
         <xs:restriction base="xs:string">
           <xs:minLength value="6"/>
           <xs:maxLength value="10"/>
         </xs:restriction>
       </xs:simpleType>
```

simpleType **VolumeType**

type restriction of **xs:integer**
used by elements **SplitGoodsPlacementType/Volume**
ContainerStowageType/Volume
facets minInclusive 0
maxInclusive 999999999

```
source <xs:simpleType name="VolumeType">
         <xs:restriction base="xs:integer">
           <xs:maxInclusive value="999999999"/>
           <xs:minInclusive value="0"/>
         </xs:restriction>
       </xs:simpleType>
```

simpleType **WeightType**

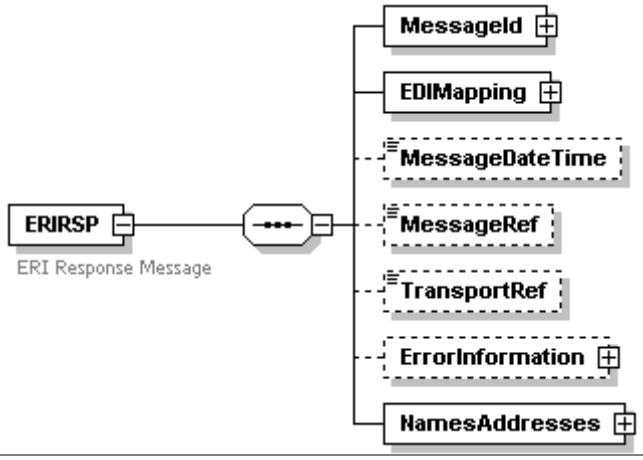
type restriction of **xs:integer**
used by elements **SplitGoodsPlacementType/Weight**
ContainerStowageType/Weight
facets minInclusive 0
maxInclusive 999999999

```
source <xs:simpleType name="WeightType">
         <xs:restriction base="xs:integer">
           <xs:minInclusive value="0"/>
           <xs:maxInclusive value="999999999"/>
         </xs:restriction>
       </xs:simpleType>
```

3.2 Schema ERIRSP V2.4.xsd

Elements	Complex types
ERIRSP	CommsContactType
	MessageIdType
	NameAddressType

element **ERIRSP**

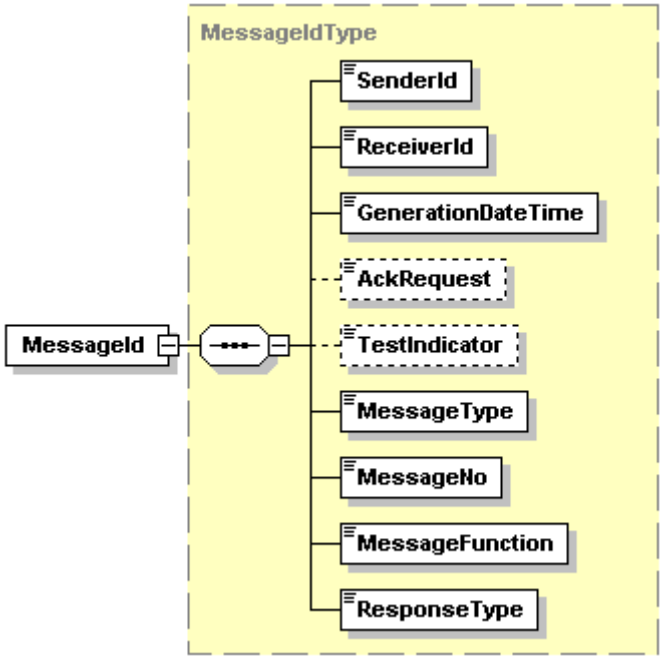
diagram	
children	MessageId EDIMapping MessageDateTime MessageRef TransportRef ErrorInformation NamesAddresses
attributes	Name: VersionMajor — Type: xs:integer — Use: required Name: VersionMinor — Type: xs:integer — Use: required
annotation	documentation: ERI Response Message

source

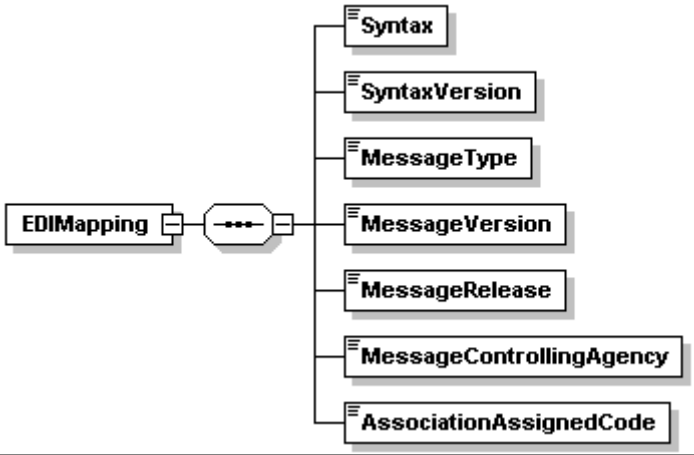
```
<xs:element name="ERIRSP">
 <xs:annotation>
  <xs:documentation>ERI Response Message</xs:documentation>
 </xs:annotation>
 <xs:complexType>
  <xs:sequence>
   <xs:element name="MessageId" type="MessageIdType"/>
   <xs:element name="EDIMapping">
    <xs:complexType>
     <xs:sequence>
      <xs:element name="Syntax" type="xs:string"/>
      <xs:element name="SyntaxVersion" type="xs:string"/>
      <xs:element name="MessageType" type="xs:string"/>
      <xs:element name="MessageVersion" type="xs:string"/>
      <xs:element name="MessageRelease" type="xs:string"/>
      <xs:element name="MessageControllingAgency" type="xs:string"/>
      <xs:element name="AssociationAssignedCode" type="xs:string"/>
     </xs:sequence>
    </xs:complexType>
   </xs:element>
   <xs:element name="MessageDateTime" type="xs:dateTime" minOccurs="0"/>
   <xs:element name="MessageRef" minOccurs="0">
    <xs:simpleType>
     <xs:restriction base="xs:string">
```

```
          <xs:maxLength value="15"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="TransportRef" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ErrorInformation" minOccurs="0">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ErrorCode">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="8"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="ErrorDescription" maxOccurs="5">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="70"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="NamesAddresses">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="NameAddress" type="NameAddressType"/>
          <xs:element name="CommsContact" type="CommsContactType" minOccurs="0"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="VersionMajor" type="xs:integer" use="required"/>
  <xs:attribute name="VersionMinor" type="xs:integer" use="required"/>
 </xs:complexType>
</xs:element>
```

element **ERIRSP/MessageId**

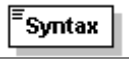
diagram	
type	MessageIdType
children	SenderId ReceiverId GenerationDateTime AckRequest TestIndicator MessageType MessageNo MessageFunction ResponseType
source	<xs:element name="MessageId" type="MessageIdType"/>

element **ERIRSP/EDIMapping**

diagram	
children	Syntax SyntaxVersion MessageType MessageVersion MessageRelease MessageControllingAgency AssociationAssignedCode
source	<xs:element name="EDIMapping"> <xs:complexType> <xs:sequence> <xs:element name="Syntax" type="xs:string"/> <xs:element name="SyntaxVersion" type="xs:string"/> <xs:element name="MessageType" type="xs:string"/> <xs:element name="MessageVersion" type="xs:string"/> <xs:element name="MessageRelease" type="xs:string"/> <xs:element name="MessageControllingAgency" type="xs:string"/> <xs:element name="AssociationAssignedCode" type="xs:string"/> </xs:sequence>

	</xs:complexType> </xs:element>

element **ERIRSP/EDIMapping/Syntax**

diagram	
type	**xs:string**
source	<xs:element name="Syntax" type="xs:string"/>

element **ERIRSP/EDIMapping/SyntaxVersion**

diagram	
type	**xs:string**
source	<xs:element name="SyntaxVersion" type="xs:string"/>

element **ERIRSP/EDIMapping/MessageType**

diagram	
type	**xs:string**
source	<xs:element name="MessageType" type="xs:string"/>

element **ERIRSP/EDIMapping/MessageVersion**

diagram	
type	**xs:string**
source	<xs:element name="MessageVersion" type="xs:string"/>

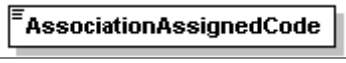
element **ERIRSP/EDIMapping/MessageRelease**

diagram	
type	**xs:string**
source	<xs:element name="MessageRelease" type="xs:string"/>

element **ERIRSP/EDIMapping/MessageControllingAgency**

diagram	
type	**xs:string**
source	<xs:element name="MessageControllingAgency" type="xs:string"/>

element **ERIRSP/EDIMapping/AssociationAssignedCode**

diagram	
type	**xs:string**
source	<xs:element name="AssociationAssignedCode" type="xs:string"/>

element **ERIRSP/MessageDateTime**

diagram	
type	**xs:dateTime**
source	<xs:element name="MessageDateTime" type="xs:dateTime" minOccurs="0"/>

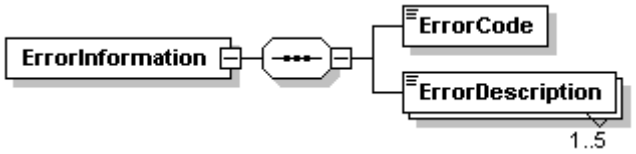
element **ERIRSP/MessageRef**

diagram	
type	restriction of **xs:string**
facets	maxLength 15
source	<xs:element name="MessageRef" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERIRSP/TransportRef**

diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="TransportRef" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERIRSP/ErrorInformation**

diagram	
children	**ErrorCode ErrorDescription**
source	<xs:element name="ErrorInformation" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="ErrorCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType>

```
    </xs:element>
    <xs:element name="ErrorDescription" maxOccurs="5">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="70"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
   </xs:sequence>
  </xs:complexType>
</xs:element>
```

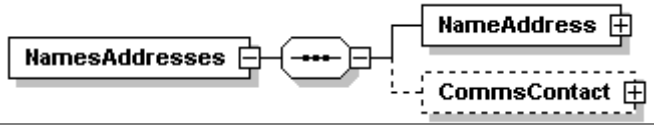
element **ERIRSP/ErrorInformation/ErrorCode**

diagram	
type	restriction of **xs:string**
facets	maxLength 8
source	<xs:element name="ErrorCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERIRSP/ErrorInformation/ErrorDescription**

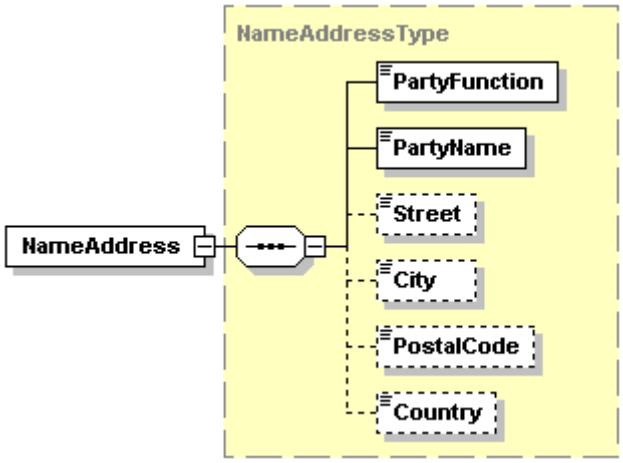
diagram	
type	restriction of **xs:string**
facets	maxLength 70
source	<xs:element name="ErrorDescription" maxOccurs="5"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ERIRSP/NamesAddresses**

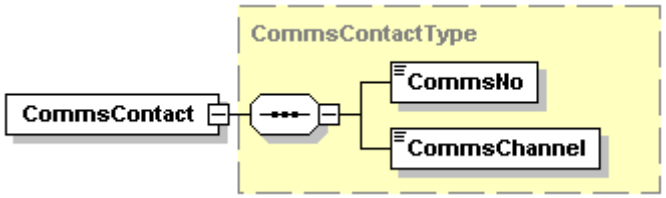
diagram	
children	**NameAddress CommsContact**
source	<xs:element name="NamesAddresses"> <xs:complexType> <xs:sequence> <xs:element name="NameAddress" type="NameAddressType"/> <xs:element name="CommsContact" type="CommsContactType" minOccurs="0"/> </xs:sequence>

```
  </xs:complexType>
</xs:element>
```

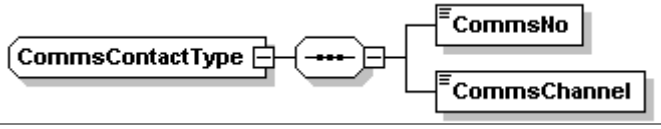
element **ERIRSP/NamesAddresses/NameAddress**

diagram	
type	NameAddressType
children	PartyFunction PartyName Street City PostalCode Country
source	<xs:element name="NameAddress" type="NameAddressType"/>

element **ERIRSP/NamesAddresses/CommsContact**

diagram	
type	CommsContactType
children	CommsNo CommsChannel
source	<xs:element name="CommsContact" type="CommsContactType" minOccurs="0"/>

complexType **CommsContactType**

diagram	
children	CommsNo CommsChannel
used by	element ERIRSP/NamesAddresses/CommsContact
source	<xs:complexType name="CommsContactType"> <xs:sequence> <xs:element name="CommsNo"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

```
    <xs:element name="CommsChannel">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:maxLength value="3"/>
       <xs:enumeration value="TE"/>
       <xs:enumeration value="FX"/>
       <xs:enumeration value="EM"/>
       <xs:enumeration value="EI"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
   </xs:sequence>
</xs:complexType>
```

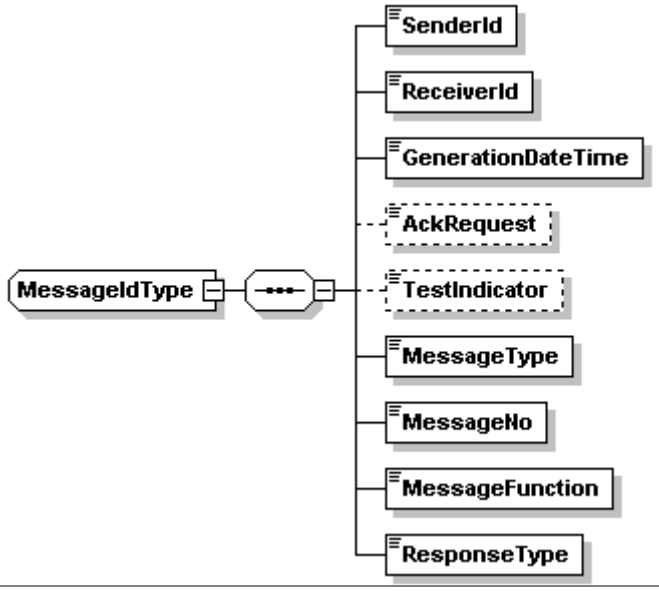
element **CommsContactType/CommsNo**

diagram	
type	restriction of **xs:string**
facets	maxLength 70
source	<xs:element name="CommsNo"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> </xs:restriction> </xs:simpleType> </xs:element>

element **CommsContactType/CommsChannel**

diagram	
type	restriction of **xs:string**
facets	maxLength 3 enumeration TE enumeration FX enumeration EM enumeration EI
source	<xs:element name="CommsChannel"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:enumeration value="TE"/> <xs:enumeration value="FX"/> <xs:enumeration value="EM"/> <xs:enumeration value="EI"/> </xs:restriction> </xs:simpleType> </xs:element>

complexType **MessageIdType**

diagram	
children	SenderId ReceiverId GenerationDateTime AckRequest TestIndicator MessageType MessageNo MessageFunction ResponseType
used by	element ERIRSP/MessageId
source	<xs:complexType name="MessageIdType"> <xs:sequence> <xs:element name="SenderId"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReceiverId"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="GenerationDateTime"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="10"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="AckRequest" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="1"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType>

```
    </xs:element>
    <xs:element name="TestIndicator" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="1"/>
          <xs:enumeration value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="MessageType">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="3"/>
          <xs:enumeration value="VES"/>
          <xs:enumeration value="CAR"/>
          <xs:enumeration value="PAS"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="MessageNo">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="15"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="MessageFunction">
      <xs:simpleType>
        <xs:restriction base="xs:integer">
          <xs:enumeration value="9"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ResponseType">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="2"/>
          <xs:enumeration value="AP"/>
          <xs:enumeration value="RE"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **MessageIdType/SenderId**

diagram	
type	restriction of **xs:string**
facets	maxLength 25
source	`<xs:element name="SenderId">` `  <xs:simpleType>`

```
    <xs:restriction base="xs:string">
      <xs:maxLength value="25"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

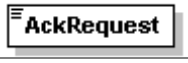
element **MessageIdType/ReceiverId**

diagram	
type	restriction of **xs:string**
facets	maxLength 25
source	<xs:element name="ReceiverId"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MessageIdType/GenerationDateTime**

diagram	
type	restriction of **xs:string**
facets	length 10
source	<xs:element name="GenerationDateTime"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="10"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MessageIdType/AckRequest**

diagram	
type	restriction of **xs:string**
facets	maxLength 1 enumeration 1
source	<xs:element name="AckRequest" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="1"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MessageIdType/TestIndicator**

diagram	
type	restriction of **xs:string**
facets	maxLength 1 enumeration 1
source	<xs:element name="TestIndicator" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="1"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MessageIdType/MessageType**

diagram	
type	restriction of **xs:string**
facets	maxLength 3 enumeration VES enumeration CAR enumeration PAS
source	<xs:element name="MessageType"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:enumeration value="VES"/> <xs:enumeration value="CAR"/> <xs:enumeration value="PAS"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MessageIdType/MessageNo**

diagram	
type	restriction of **xs:string**
facets	maxLength 15
source	<xs:element name="MessageNo"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element>

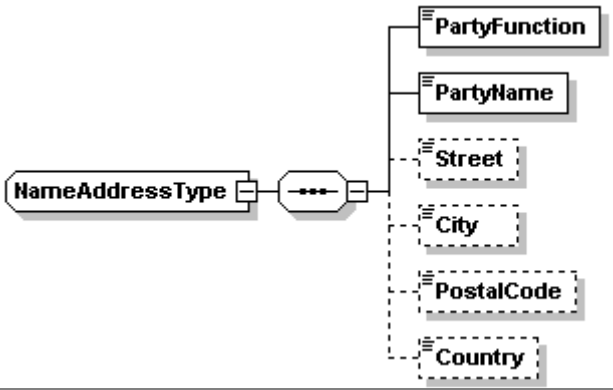
element **MessageIdType/MessageFunction**

diagram	
type	restriction of **xs:integer**
facets	enumeration 9
source	<xs:element name="MessageFunction"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="9"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MessageIdType/ResponseType**

diagram	
type	restriction of **xs:string**
facets	length 2 enumeration AP enumeration RE
source	<xs:element name="ResponseType"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:enumeration value="AP"/> <xs:enumeration value="RE"/> </xs:restriction> </xs:simpleType> </xs:element>

complexType **NameAddressType**

diagram	
children	PartyFunction PartyName Street City PostalCode Country
used by	element ERIRSP/NamesAddresses/NameAddress
source	<xs:complexType name="NameAddressType"> <xs:sequence> <xs:element name="PartyFunction">

```
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="3"/>
          <xs:enumeration value="MS"/>
          <xs:enumeration value="CG"/>
          <xs:enumeration value="SF"/>
          <xs:enumeration value="ST"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PartyName">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Street" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="City" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PostalCode" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="9"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Country" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="2"/>
          <xs:maxLength value="3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **NameAddressType/PartyFunction**

diagram	

type	restriction of **xs:string**
facets	maxLength 3 enumeration MS enumeration CG enumeration SF enumeration ST
source	<xs:element name="PartyFunction"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="3"/> <xs:enumeration value="MS"/> <xs:enumeration value="CG"/> <xs:enumeration value="SF"/> <xs:enumeration value="ST"/> </xs:restriction> </xs:simpleType> </xs:element>

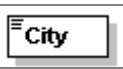
element **NameAddressType/PartyName**

diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="PartyName"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **NameAddressType/Street**

diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="Street" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **NameAddressType/City**

diagram	
type	restriction of **xs:string**
facets	maxLength 35
source	<xs:element name="City" minOccurs="0">

```
  <xs:simpleType>
   <xs:restriction base="xs:string">
    <xs:maxLength value="35"/>
   </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NameAddressType/PostalCode**

diagram	
type	restriction of **xs:string**
facets	maxLength 9

source	`<xs:element name="PostalCode" minOccurs="0">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:maxLength value="9"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **NameAddressType/Country**

diagram	
type	restriction of **xs:string**
facets	minLength 2 maxLength 3

source	`<xs:element name="Country" minOccurs="0">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="2"/>`
	`  <xs:maxLength value="3"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

XML Schema documentation generated with **XMLSPY** Schema Editor
http://www.altova.com/xmlspy

4. EDI – XML Mapping

4.1 ERINOT XML Mapping

Le tableau ci-après décrit l'information d'annonce ERI au format EDI. La dernière colonne (8) définit le XML Mapping. En association avec la définition de schéma, ces informations devraient être suffisantes pour le développement d'un outil de conversion.

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	UNB	0	M		**INTERCHANGE HEADER**		
	S001		M		SYNTAX IDENTIFIER		
	0001		M	a4	Syntax identifier	“UNOA” Controlling agency	<EDIMapping> <Syntax>
	0002		M	n1	Syntax version number	“2”	<EDIMapping> <SyntaxVersion>
	S002		M		INTERCHANGE SENDER		
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name	<MessageId> <SenderId>
	0007		C	an..4	Partner identification code qualifier	n.a.	
	0008		C	an..14	Address for reverse routing	n.a.	
	S003		M		INTERCHANGE RECIPIENT		
	0010		M	an..35 (an25)	Recipient identification	Mailbox number or unique name	<MessageId> <ReceiverId>
	0007		C	an..4	Partner identification code qualifier	n.a.	
	0014		C	an..14	Routing address	n.a.	
	S004		M		DATE / TIME OF PREPARATION		
	0017		M	n6	Date	Generation date, YYMMDD	<MessageId> <GenerationDateTime>
	0019		M	n4	Time	Generation time, HHMM	<MessageId> <GenerationDateTime>
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number.	
	S005		C		RECIPIENTS REFERENCE, PASSWORD		
	0022			an..14	Recipient’s reference / password	n.a.	
	0025			an2	Recipient’s reference, password qualifier	n.a.	
	0026			an..14	Application reference	n.a.	
	0029			a1	Processing priority code	n.a.	
	0031		C	n1	Acknowledgement request	“1” = Sender wishes receipt notification	<MessageId>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
							<AckRequest>
	0032			an..35	Communications agreement id	n.a.	
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message	<MessageId> <TestIndicator>
	UNH	0	M		**MESSAGE HEADER**	Identification, specification and heading of a message	
	0062		M	an..14	Message reference number	First 14 positions of the message reference number.	
	S009		M		MESSAGE IDENTIFIER		
	0065		M	an..6	Message type	"IFTDGN", message type	<EDIMapping> <Messagetype>
	0052		M	an..3	Message version number	"D",	<EDIMapping> <MessageVersion>
	0054		M	an..3	Message release number	"98B"	<EDIMapping> <MessageRelease>
	0051		M	an..2	Controlling agency	"UN",	<EDIMapping> <MessageControllingAgency>
	0057		M	an..6	Association assigned code	"PROT10", Protect version 1.0	<EDIMapping> <AssociationAssignedCode>
	0068			an..35	Common access reference	n.a.	
	S010				STATUS OF THE TRANSFER		
	0070			n..2	Sequence of transfers	n.a.	
	0073			a1	First and last transfer	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	BGM	0	M		**BEGINNING OF MESSAGE**	Identification of the type and function of the message	
	C002		M		DOCUMENT / MESSAGE NAME		
	1001		M	an..3	Document / message name code	**Type** of Message: “VES”, from vessel to RIS authority message; “CAR”, from carrier to RIS authority message , passage report from RIS authority to RIS authority	<MessageId> <MessageType>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	1000			an..35	Document / message name	n.a.	
	C106		M		DOCUMENT / MESSAGE IDENTIFICATION		
	1004		M	an..35 (an15)	Document identifier	Message reference number. This number should be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number should be used. The transitional system should in this case not generate another message reference number	<MessageId> <MessageNo>
	1056			an..9	Version	n.a.	
	1060			an..6	Revision number	n.a.	
	1225		M	an..3	Message function code	**Function** of message: “1” = cancellation message “9” = new message, “5” = modification message	<MessageId> <MessageFunction>
	4343		C	an..3	Response type code	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	FTX (1)	1	C		**FREE TEXT**	To notify the number of **persons on board** and the number of **blue cones**	
	4451		M	an..3	Text subject code qualifier	**"**SAF" for safety explanation	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL	Text	
	4440		M	an.. 70 (n4)	Free text	Number of persons on board	<SafetyExplanation> <PersonsOnBoard>
	4440		C	an.. 70 (an1)	Free text	'0', '1', '2', '3' for number of cones (inland vessel) , "B" for red signal flag (maritime vessel), "V" for specal permit	<SafetyExplanation> <Signalling>
	4440		C	an.. 70 (n4)	Free text	Number of passengers	<SafetyExplanation> <PassengersOnBoard>
	4440			an.. 70	Free text	n.a.	
	4440			an.. 70	Free text	n.a.	
	3453			an.. 3	Language, coded	n.a.	
	4447			an..3	Text formatting, coded	n.a.	
	FTX (2)	1	C		**FREE TEXT**	**To indicate whether the information in the message may be forwarded by the receiver to other authorities**	
	4451		M	an..3	Text subject code qualifier	"ACK" for "Privacy statement" or "Confidential nature"	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	an..70 (a1)	Free text	"Y" = Yes, "N" = No	<PrivacyStatement>
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	3453			an..3	Language, coded	n.a.	
	4447			an..3	Text formatting, coded	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	FTX		C		**FREE TEXT**	**Reason for cancellation**	
	4451		M	an..3	Text subject code qualifier	"ACD" cancellation reason	????
	4453			an..3	Free text function code	n.a.	
	C107		M		TEXT REFERENCE	Text identification	
	4441			an..17	Free text identification	"CAM" mistake in notification "CAO" transport does not take place "CAV" the main transport destination has changed "CHD" the time of arrival has changed	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M				
	4440		M	an..70	Free text	Free description of the reason	<PrivacyStatement>
	4440		C	an..70	Free text	Free text for further explanation	
	4440		C	an..70	Free text	Free text for further explanation	
	4440		C	an..70	Free text	Free text for further explanation	
	4440		C	an..70	Free text	Free text for further explanation	
	3453		C	an..3	Language, coded	n.a.	
	4447		C	an..3	Text formatting, coded	n.a.	
	HAN(1)	1	D				
	C524		M		HANDLING INSTUCTIONS		????
	4079		M		Handling instructions, coded	Default "T' T = Transit LLO = Loading LDI = Unloading TSP= Transit in the same port	<GoodsItems> <GoodsItem> <DangerousGoodsInfo> <DangerousGoods> <HazardPlacard>
	1131		C		Code list qualifier	n.a.	
	3055		C		Code list responsible agency, coded	n.a.	
	4078		C		Handling intructions	n.a.	
	C218		C		HAZERDOUS MATERIAL	n.a.	
	7419		C		Hazardous material class code, indentification	n.a.	
	1131		C		Code list qualifier	n.a.	
	3055		C		Code list responsible agency, coded	n.a.	
	7418		C		Hazerdous material class	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	RFF (1)	1	C		**REFERENCE**	Reference to the message for which the current message is a **replacement**. Mandatory if the message is a modification or cancellation message	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"ACW" for reference number to previous message	
	1154		M	an..35 (an15)	Reference number	Message reference number from BGM, TAG 1004 of the message this message replaces.	<MessageRef>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
	RFF (2)	1	C		**REFERENCE**	Reference to **transport document**	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"FF" for "freight forwarder´s reference number"	
	1154		M	an..35	Reference number	Reference number of the transport document	<TransportDocRef>
	1156		C	an..6	Line number	n.a.	
	4000		C	an..35	Reference version number	n.a.	
	1060		C	an..6	Revision number	n.a.	
	RFF (3)	1	C		**REFERENCE**	Reference to a **test scenario**	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"ADD" for test number	
	1154		M	an..35	Reference number	Test scenario identification, which should be known at the receiving party	<TestScenarioRef>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060		C	an..6	Revision number	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**TDT**	1	M		**DETAILS OF TRANSPORT**	Specification of the means of transport, the **naming vessel within a convoy** (a single vessel without barge is also a convoy in this context)	
	8051		M	an..3	Transport stage code qualifier	"20" for main carriage transport	<Transport> <TransportDetails StageQualifier="20">
	8028		C	an..17	Conveyance reference number	Voyage number, defined by sender of the message.	<Transport> <TransportDetails StageQualifier="20"> <VoyageNo>
	C220		M		MODE OF TRANSPORT		
	8067		M	an..3	Mode of transport, coded	"8" for Inland water transport", "1" for maritime transport (see UN/ECE Rec. 19)	<Transport> <TransportDetails StageQualifier="20"> <TransportMode>
	8066			an..17	Mode of transport	n.a.	
	C228		M		TRANSPORT MEANS		
	8179		M	an..8 (an4)	Type of means of transport identification, **convoy type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex 4, No. 1	<Transport> <TransportDetails StageQualifier="20"> <TransportMeans>
	8178			an..17	Type of means of transport	n.a.	
	C040				CARRIER	n.a.	
	3127			an..17	Carrier identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3128			an..35	Carrier name	n.a.	
	8101			an..3	Transit direction, coded	n.a.	
	C401				EXCESS TRANSPORTATION INFORMATION		
	8457			an..3	Excess transportation reason	n.a.	
	8459			an..3	Excess transportation responsibility	n.a.	
	7130			an..17	Customer authorization number	n.a.	
	C222		M		TRANSPORT IDENTIFICATION		
	8213		M	an..9 (an7..8)	ID. of means of transport identification	**Ship number**: 7 digits for OFS or IMO indication, 8 digits for ERI indication	<Transport> <TransportDetails StageQualifier="20"> <Vessel> <VesselId>
	1131		M	an..3	Code list qualifier	"OFS" for a Official Ship Number of CCNR system, see Annex 4, No. 2 "IMO" for an IMO-number, see Annex 4, No. 3 "ERN" for all other ships (Electronic Reporting International Number), see Annex 4, No. 4	<Transport> <TransportDetails StageQualifier="20"> <Vessel> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	8212		M	an..35	Id. Of the means of transport	**Name of the ship;** If the name results in more	<Transport>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
						than 35 positions, the name of the vessel is shortened.	<TransportDetails StageQualifier="20"> <VesselName>
	8453		M	an..3 (an2)	Nationality of means of transport	ISO two-alpha country code 3166-1, see Annex 4, No. 11	<Transport> <TransportDetails StageQualifier="20"> <Nationality>
	8281			an..3	Transport ownership	n.a.	
TDT	**RFF (1)**	2	M		**REFERENCE**	Dimensions of the transport, **length**	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"LEN" = Length	
	1154		M	an..35 (n..5)	Reference number	Total length of the convoy t in centimetres	<Transport> <TransportDimensions> <Length>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	**RFF (2)**	2	M		**REFERENCE**	Dimensions of the transport, **width**	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"WID"	
	1154		M	an..35 (n..4)	Reference number	Total width of the convoy in centimetres	<Transport> <TransportDimensions> <Width>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	**RFF (3)**	2	M		**REFERENCE**	Dimensions of the transport, **draught**	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	"DRA"	
	1154		M	an..35 (n..4)	Reference number	Draught of the convoy in centimetres,	<Transport> <TransportDimensions> <Draught>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**RFF (4)**	2	C		**REFERENCE**	Dimensions of the transport**, airdraught**	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	"HGT"	
	1154		M	an..35 (n..4)	Reference number	Draught of the convoy in centimetres,	<Transport> <TransportDimensions> <Tonnage>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	**RFF (5)**	2	M		**REFERENCE**	Dimensions of the transport**, tonnage**	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	"TON"	
	1154		M	an..35 (n..5)	Reference number	Maximum capacity of the convoy in metric tonnes,	<Transport> <TransportDimensions> <Tonnage>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	**RFF (6)**	2	C		**REFERENCE**	**National voyage reference, Belgium**	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	"GNB"	<Transport> < TransportReference > <RefQualifier>
	1154		M	an..35	Reference number	Government reference of Belgium	<Transport> < TransportReference > <RefNo>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	**RFF (7)**	2	C		**REFERENCE**	**National voyage reference, France**	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	"GNF"	<Transport> < TransportReference > <RefQualifier>
	1154		M	an..35	Reference number	Government reference of France	<Transport> < TransportReference > <RefNo>
	1156			an..6	Line number	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	**RFF (8)**	2	C		**REFERENCE**	**National voyage reference, Germany**	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	"GNG"	<Transport> < TransportReference > <RefQualifier>
	1154		M	an..35	Reference number	Government reference of Germany	<Transport> < TransportReference > <RefNo>
	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	
TDT	**RFF (9)**	2	C		**REFERENCE**	**National voyage reference, reserved 1**	
	C506		M		REFERENCE	Reference	
	1153		M	an..3	Reference qualifier	"GN1"	<Transport> < TransportReference > <RefQualifier>
	1154		M	an..35	Reference number	Government reference, reserved 1	<Transport> < TransportReference > <RefQualifier>
1	1156			an..6	Line number	n.a.	
	4000			an..35	Reference version number	n.a.	
	1060			an..6	Revision number	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**LOC (1)**	2	M		**PLACE/LOCATION IDENTIFICATION**	**Port of departure**, the port where the transport starts	
	3227		M	an..3	Place / location qualifier	"5" place of departure	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Annex 4, No. 12	<Transport> < TransportLocations > <PortOfDeparture> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the port location	<Transport> < TransportLocations > <PortOfDeparture> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14	<Transport> < TransportLocations > <PortOfDeparture> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	Full name of the terminal.	<Transport> <TransportLocations> <PortOfDeparture> <Locode>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13	<Transport> <TransportLocations> <PortOfDeparture> <FairwaySectionCode>
	1131			an..3	Code list qualifier		
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometer	<Transport> <TransportLocations> <PortOfDeparture> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**LOC (2)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Passage point that has already being passed** by the ship. This segment and the TDT/DTM(2) segment with qualifier 186 are mandatory for passage reports	
	3227		M	an..3	Place / location qualifier	"172" for passage point	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the passage point (lock, bridge, traffic centre), see Annex 4, No. 12	<Transport> <TransportLocations> <PassagePoint> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the passage point	<Transport> <TransportLocations> <PassagePoint> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Passage point code	<Transport> <TransportLocations> <PassagePoint> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	n.a.	<Transport> <TransportLocations> <PassagePoint> <Locode>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13	<Transport> <TransportLocations> <PassagePoint> <FairwaySectionCode>
	1131			an..3	Code list qualifier		
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Transport> <TransportLocations> <PassagePoint> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**LOC (3)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Next passage point**	
	3227		M	an..3	Place / location qualifier	“61 ” for next port of call	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the passage point (lock, bridge, VTS centre) , see Annex 4, No. 12	<Transport> <TransportLocations> <NextPortOfCall> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the passage point	<Transport> <TransportLocations> <NextPortOfCall> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25	Related place / location one identification	Passage point code	<Transport> <TransportLocations> <NextPortOfCall> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	n.a.	<Transport> <TransportLocations> <NextPortOfCall> <Locode>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13	<Transport> <TransportLocations> <NextPortOfCall> <FairwaySectionCode>
	1131			an..3	Code list qualifier		
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Transport> <TransportLocations> <NextPortOfCall> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**LOC (4..8)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Further future passage points** (information on intended route). At most five intermediate points on the route can be given. The order of passage should be the order within the message.	
	3227		M	an..3	Place / location qualifier	"92 " for routing	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location Code (Rec. 16) of the passage point (lock, bridge, traffic centre) , see Annex 4, No. 12	<Transport> <TransportLocations> < Routepoints SequenceNumber= > <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..17	Place / location	Full name of the passage point	<Transport> <TransportLocations> <Routepoints SequenceNumber= > <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Passage point code	<Transport> <TransportLocations> <Routepoints SequenceNumber= > <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	"201"for YYMMDDHHMM	<Transport> <TransportLocations> <Routepoints SequenceNumber= > <Locode>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13	<Transport> <TransportLocations> <Routepoints SequenceNumber= > <FairwaySectionCode>
	1131			an..3	Code list qualifier		
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Transport> <TransportLocations> <Routepoints SequenceNumber= > <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**LOC (9)**	2	M		**PLACE/LOCATION IDENTIFICATION**	**Port of destination**. This is the first port where the transport is bound.	
	3227		M	an..3	Place / location qualifier	"153" for place of call	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the port, see Annex 4, No. 12	<Transport> <TransportLocations> <PortOfDestination> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the port location	<Transport> <TransportLocations> <PortOfDestination> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14	<Transport> <TransportLocations> <PortOfDestination> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	Full name of the terminal.	<Transport> <TransportLocations> <PortOfDestination> <Locode>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13	<Transport> <TransportLocations> <PortOfDestination> <FairwaySectionCode>
	1131			an..3	Code list qualifier		
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre	<Transport> <TransportLocations> <PortOfDestination> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
TDT	**DTM (1)** to LOC(1)	2	C		**DATE / TIME / PERIOD**	**Departure time** (estimated).	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	"133" for departure date/time, estimated	
	2380		M	an..35	Date or time period value	Value of departure time	<Transport> <TransportLocations> <ETD>
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM	
TDT	**DTM (2)** to LOC (2)	2	C		**DATE / TIME / PERIOD**	**Passage time**, as **recorded** by the traffic centre	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	"186" for departure time, actual	
	2380		M	an..35	Date or time period value	Value of passage time: YYMMDDHHMM	<Transport> <TransportLocations> <PassageTime>
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM	
TDT	**DTM (3)** to LOC (9**)**	2	C		**DATE / TIME / PERIOD**	**Estimated time of arrival at port of destination**	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	"132" for arrival time, estimated	
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM	<Transport> <TransportLocations> <ETA>
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
NAD	**NAD (1)**	1	M		**NAME and ADDRESS**	name and address of **message sender**	
	3035		M	an..3	Party function code qualifier	"MS" for Message sender	<NamesAddresses> <NameAddress> <PartyFunction>
	C082		C		PARTY IDENTIFICATION DATAILS		
	3039		M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'	<NamesAddresses> <NameAddress> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				NAME AND ADDRESS	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		PARTY NAME		
	3036		M	an..35	Party name	Sender name.	<NamesAddresses> <NameAddress> <PartyName>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059		C		STREET		
	3042		M	an..35	Street and number / p.o. box	Street and number or post office box	<NamesAddresses> <NameAddress> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		C	an..35	City name	City	<NamesAddresses> <NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251		C	an..9	postcode identification	Postal identification code	<NamesAddresses> <NameAddress> <PostalCode>
	3207		C	an..3	country	ISO 3166-1 two alpha country code, see Annex 4,	<NamesAddresses>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
						No.11	<NameAddress> <Country>
NAD	**CTA**	2	C		**CONTACT INFORMATION**	Sender contact details	
	3139			an..3	Contact function	n.a.	
	C056		M		DEPARTMENT OR EMPLOYEE DETAILS		
	3413			an..17	Department or employee identification	n.a.	
	3412		M	an..35	Department or employee	“ERI”, dummy value	<NamesAddresses> <Contact> <ContactInformation>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
NAD/ CTA	**COM**	3	C		**COMMUNICATION CONTACT**	Sender communication contact details (max. 3 times)	
	C076		M		COMMUNICATION CONTACT		
	3148		M	an..70	Communication number	Communication number	<NamesAddresses> <Contact> <CommsContact> <CommsNo>
	3155		M	an..3	Communication channel qualifier	"TE" for telephone number "FX" for fax number "EM" for E-mail address "EI" for EDI mailbox number (EDI number or E-mail address for NAD 1 is mandatory if a response in the form of an ERIRSP message is requested for. If no response is requested, the EDI number and E-mail address is not to be used).	<NamesAddresses> <Contact> <CommsContact> <CommsChannel>
NAD	**NAD (2)**	1	M		**NAME and ADDRESS**	Name and address of **agent/invoicee**	
	3035		M	an..3	Party function code qualifier	"CG" for agent / invoice address (for VNF this segment is mandatory).	<NamesAddresses> <NameAddress> <PartyFunction>
	C082		C		PARTY IDENTIFICATION DATAILS		
	3039		M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'	<NamesAddresses> <NameAddress> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				NAME AND ADDRESS	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		PARTY NAME		
	3036		M	an..35	Party name	Sender name.	<NamesAddresses> <NameAddress> <PartyName>
	3036		C	an..35 (an..25)	Invoice number	Invoice number of the agent/invoicee	<NamesAddresses> <NameAddress> <InvoiceNumber>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059		C		STREET	Street	
	3042		M	an..35	Street and number / p.o. box	Address (street name + number or post office box number)	<NamesAddresses> <NameAddress> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		C	an..35	City name	City	<NamesAddresses> <NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251		C	an..9	Postcode identification	Postal code	<NamesAddresses> <NameAddress> <PostalCode>
	3207		C	an..3	Country	ISO 3166-1 two alpha country code	<NamesAddresses> <NameAddress> <Country>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	**EQD (V) (1)**	1	M		**EQUIPMENT DETAILS**	Specification of the **VESSELS** within the convoy (for each vessel 1 segment, also the main vessel), **propulsed vessel**	
	8053		M	an..3	Equipment type code qualifier	"BRY" for vessel participating in the propulsion.	<Barges> <Barge> <EquipmentType>
	C237		M		EQUIPMENT IDENTIFICATION		
	8260		M	an..17 (an7..8)	Equipment identification number	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication	<Barges> <Barge> <BargeId> <VesselId>
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of CCNR system, see Annex 4, No. 2 "IMO" for an IMO number, see Annex 4, No. 3 "ERN" for all other vessels (Electronic Reporting Number), see Annex 4 No. 4	<Barges> <Barge> <BargeId> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	C224		M		EQUIPMENT SIZE AND TYPE		
	8155		M	an..10 (an..4)	Equipment size and type identification, **vessel type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annnex 4, No. 1	<Barges> <Barge> <BargeType>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	8154			an..35	Equipment size and type	**Name** of the vessel. If the name results in more than 35 positions, the name of the vessel is shortened	<Barges> <Barge> <BargeName>
	8077			an..3	Equipment supplier	n.a.	
	8249			an..3	Equipment status	n.a.	
	8169			an..3	Full / empty indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	**EQD (V) (2 - 15)**	1	C		**EQUIPMENT DETAILS**	Specification of the **VESSELS** within the convoy (for each vessel 1 segment, also the main vessel) **not propulsed vessels**	
	8053		M	an..3	Equipment type code qualifier	"BRN" for vessel not participating in the propulsion	<Barges> <Barge> <EquipmentType>
	C237		M		EQUIPMENT IDENTIFICATION		
	8260		M	an..17 (an7..8)	Equipment identification number	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication	<Barges> <Barge> <BargeId> <VesselId>
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of the CCNR system, see Annex 4, No. 2 "IMO" for an IMO number, see Annex 4, No. 3 "ERN" for all other ships (Electronic Reporting Number), see Annex 4, No. 4	<Barges> <Barge> <BargeId> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	C224		M		EQUIPMENT SIZE AND TYPE		
	8155		M	an..10 (an..4)	Equipment size and type identification, **vessel type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex 4, No. 1	<Barges> <Barge> <BargeType>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	8154			an..35	Equipment size and type	**Name** of the vessel. If the name results in more than 35 positions, the name of the vessel is shortened.	<Barges> <Barge> <BargeName>
	8077			an..3	Equipment supplier	n.a.	
	8249			an..3	Equipment status	n.a.	
	8169			an..3	Full / empty indicator	n.a.	
Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	**MEA (1)**	2	M		**MEASUREMENTS**	**Vessel Length**	
	6311		M	an..3	Measurement purpose qualifier	**“**DIM” for dimension	
	C502				MEASUREMENT DETAILS		
	6313			an..3	Property measured	“LEN” for length	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“CMT” for centimetre (UN/ECE Rec 20, Annex 3. Common code)	
	6314		M	an..18 (n5)	Measurement value	Length	<Barges> <BargeDimensions> <Length>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	
EQD	**MEA (2)**	2	M		**MEASUREMENTS**	**Vessel Width**	
	6311		M	an..3	Measurement purpose code qualifier	**“**DIM” for dimension	
	C502				MEASUREMENT DETAILS		
	6313			an..3	Property measured	“WID” for width.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“CMT” for centimetre (UN/ECE Rec 20, Annex 3: Common code)	
	6314		M	an..18 (n4)	Measurement value	Width	<Barges> <BargeDimensions> <Width>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	**MEA (3)**	2	M		**MEASUREMENTS**	**Vessel Draught**	
	6311		M	an..3	Measurement purpose code qualifier	“DIM” for dimension	
	C502				MEASUREMENT DETAILS	Size details	
	6313			an..3	Property measured	”DRA” for draught	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“CMT” for centimetre (UN/ECE Rec 20, Common code)	
	6314		M	an..18 (n4)	Measurement value	Draught	<Barges> <BargeDimensions> <Draught>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	
EQD	**MEA (4)**	2	M		**MEASUREMENTS**	**Vessel Tonnage**	
	6311		M	an..3	Measurement purpose code qualifier	**“VOL” for volume**	
	C502				MEASUREMENT DETAILS	Size details	
	6313			an..3	Property measured	“AAM” for gross tonnage.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	“TNE” for metric ton (UN/ECE Rec 20, Common code)	
	6314		M	an..18 (n6)	Measurement value	Tonnage (capacity)	<Barges> <BargeDimensions> <Tonnage>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	EQD (C) (1..15)	1	C		**EQUIPMENT DETAILS**	Specification of the number of **CONTAINERS**	
	8053		M	an..3	Equipment type code qualifier	"CN" for container	
	C237				EQUIPMENT IDENTIFICATION		
	8260			an..17	Equipment identification number	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	C224		M		EQUIPMENT SIZE AND TYPE		
	8155		M	an..10 (an5)	Equipment size and type identification	Container **range**: "RNG20" for containers having a length between 20 and 29 feet, "RNG30" for containers having a length between 30 and 39 feet, "RNG40" for containers having a length of 40 feet or more	<ContainerMatrices> <Container> <ContRange>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	8154			an..35	Equipment size and type	n.a.	
	8077			an..3	Equipment supplier	n.a.	
	8249			an..3	Equipment status	n.a.	
	8169		M	an..3	Full / empty indicator	Container **status**: "5" for loaded, "4" for empty, "6" for no volume available	<ContainerMatrices> <Container> <ContStatus>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
EQD	**MEA (5)**	2	M	**EQD(2)**	**MEASUREMENTS**	Specification of the **number of containers**	
	6311		M	an..3 (an2)	Measurement purpose qualifier	"NR" for number	
	C502				MEASUREMENT DETAILS	n.a.	
	6313			an..3	Property measured	n.a.	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"NUM" for number (see UN/ECE Rec. 20, common code)	
	6314		M	an..18 (n1..4)	Measurement value	Number of containers of the given type and status.	<ContainerMatrices> <Number>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	
CNI	**CNI**	1	M		**CONSIGNMENT INFORMATION**	**Consignment** (similar source / destination) specification of the transported **cargo**	
	1490		M	n..4	Consolidation item number	Sequence number of the consigment. For modifications, the same sequence number is to be used	<Consignments> <Consignment> <SequenceNo>
	C503				DOCUMENT / MESSAGE DETAILS	n.a.	
	1004			an..35	Document / message number	n.a.	
	1373			an..3	Document / message status, coded	n.a.	
	1366			an..70	Document / message source	n.a.	
	3453			an..3	Language, coded	n.a.	
	1056			an..9	Version	n.a.	
	1060			an..6	Revision number	n.a.	
	1312			n..4	Consignment load sequence number	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	**DTM (1)**	2	C		**DATE / TIME / PERIOD**	Estimated **arrival time** at the discharge place	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	"132" for arrival time, estimated	
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM	<Consignments> <ArrivalTime>
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM	
CNI	**DTM (2)**	2	C		**DATE / TIME / PERIOD**	Estimated **departure time** from the loading place	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	"133" for departure time, estimated	
	2380		M	an..35	Date or time period value	Time: YYMMDDHHMM	<Consignments> <DepartureTime>
	2379		M	an..3	Date or time or period format code	"201"	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	**LOC (1)**	2	C		**PLACE / LOCATION IDENTIFICATION**	Specification of the **loading place** of the cargo	
	3227		M	an..3	Place / location qualifier	"9" for place / port of loading	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), of the loading place, see Annex 4, No. 12	<Consignments> <PortOfLoading> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the port location	<Consignments> < PortOfLoading > <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14	<Consignments> < PortOfLoading > <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70 (an..17)	Related place / location one	Full name of the terminal	<Consignments> < PortOfLoading > <Locode>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13	<Consignments> < PortOfLoading > <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometer	<Consignments> < PortOfLoading > <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	**LOC (2)**	2	C		**PLACE / LOCATION IDENTIFICATION**	Specification of the **discharge place** of the cargo	
	3227		M	an..3	Place / location qualifier	"11" for place / port of discharge	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Annex 4, No. 12	<Consignments> <PortOfDischarge> <Locode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224		C	an..70 (an..17)	Place / location	Full name of the port	<Consignments> < PortOfDischarge> <LocationName>
	C519		C		RELATED LOCATION ONE IDENTIFICATION		
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14	<Consignments> < PortOfDischarge> <TerminalCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222		C	an..70 (an..17)	Related place / location one	Full name of terminal	<Consignments> < PortOfDischarge> <Locode>
	C553		C		RELATED LOCATION TWO IDENTIFICATION		
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13	<Consignments> < PortOfDischarge> <FairwaySectionCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232		C	an..70 (an.. 5)	Related place / location two	Fairway section hectometer	<Consignments> < PortOfDischarge> <FairwayHectometre>
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ NAD	**NAD (1)**	2	C		**NAME AND ADDRESS**	**Cargo sender** name	
	3035		M	an..3	Party function code qualifier	"SF" for ship from	<Consignments> <NameAddress> <PartyFunction>
	C082		C		PARTY IDENTIFICATION DETAILS		
	3039		M	an..35 (an..25)	Party identifier	EDI number of cargo sender	<Consignments> <NameAddress> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				NAME AND ADDRESS		
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		PARTY NAME		
	3036		M	an..35	Party name	Ship from name.	<Consignments> <NameAddress> <PartyName>
	3036		C	an..35 (an..25)	Invoice number	Invoice number of the agent/invoicee	<Consignments> <NameAddress> <InvoiceNumber>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059				STREET	Street	
	3042			an..35	**Street and number or post office box**		
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		M	an..35	City name		<Consignments> <NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251			an..9	Postcode identification	n.a.	
	3207			an..3	Country	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ NAD	**NAD (2)**	2	C		**NAME AND ADDRESS**	**Cargo receiver** name	
	3035		M	an..3	Party function code qualifier	"ST" for ship to	<Consignments> <NameAddress> <PartyFunction>
	C082		M		PARTY IDENTIFICATION DETAILS		
	3039		M	an..35 (an..25)	Party identification	EDI number of receiver of cargo	<Consignments> <NameAddress> <PartyId>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				NAME AND ADDRESS	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		PARTY NAME		
	3036		M	an..35	Party name	Ship to name	<Consignments> <NameAddress> <PartyName>
	3036		C	an..35 (an..25)	Invoice number	Invoice number of the agent/invoicee	<Consignments> <NameAddress> <InvoiceNumber>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059				STREET	Street	
	3042			an..35	Street and number / p.o. box		
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		M	an..35	City name		<Consignments> <NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251			an..9	Postcode identification	n.a.	
	3207			an..3	Country	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI	**GID (1..99)**	2	M		**GOODS ITEM DETAILS**	per **vessel** and per **good** a new GID segment	
	1496		M	n..5	Goods item number	Sequence number of the good within a consignment. Unique within the CNI	<Consignments> <GoodsItems> <GoodsItem> <GoodsItemNo>
	C213				NUMBER AND TYPE OF PACKAGES		
	7224			n..8	Number of packages	Default value is “1”	
	7065			an..17	Type of packages identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	7064			an..35	Type of packages	n.a.	
	7233			an..3	Packaging related information, coded	n.a.	
	C213				NUMBER AND TYPE OF PACKAGES	n.a.	
	7224			n..8	Number of packages	n.a.	
	7065			an..17	Type of packages identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	7064			an..35	Type of packages	n.a.	
	7233			an..3	Packaging related information	n.a.	
	C213		C		NUMBER AND TYPE OF PACKAGES		
	7224		M	n..8	Number of packages	Number of inner **packages**	<Consignments> <GoodsItems> <GoodsItem> <NumberOfPackages>
	7065		M	an..17 (a2)	Type of packages identification	UN/ECE recommendation No. 21, see Annex 4, No. 17	<Consignments> <GoodsItems> <GoodsItem> <TypeOfPackages>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	7064			an..35	Type of packages	n.a.	
	7233			an..3	Packaging related information	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID	**FTX (1)**	3	C		**FREE TEXT**	**Extra goods information**	
	4451		M	an..3	Text subject code qualifier	"ACB" for additional information	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	an..70 (an1)	Free text	**type of good**: "D" for Dangerous "N" for Non-dangerous	<Consignments> <GoodsItems> <AdditionalInfo> <TypeOfGood>
	4440		C	an..70 (n6..10)	Free text	**HS code**, can be left blank if unknown and good is dangerous, see Annex 4, No. 5	<Consignments> <GoodsItems> <AdditionalInfo> <HSCode>
	4440		C	an..70 (a1)	Free text	**Customs status**: "T" = Third country good "C" = Communal good "F" = Good from non-fiscal area "X" = Good declared for export in a member state	<Consignments> <GoodsItems> <AdditionalInfo> <CustomsStatus>
	4440		C	an..70 (an..35)	Free text	Customs document reference **number** for goods of type "T", "F", or "X"	<Consignments> <GoodsItems> <AdditionalInfo> <CustomsRefNo>
	4440		C	an..70 (an1)	Free text	Overseas destination "Y" = with overseas destination "N" = without an overseas destination	<Consignments> <GoodsItems> <AdditionalInfo> <Overseas>
	3453			an..3	Language	n.a.	
	4447			an..3	Text formatting	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID	**FTX (2)**	3	C		**FREE TEXT**	**Goods description of non-dangerous cargo**	
	4451		M	an..3	Text subject code qualifier	"AAA" for goods description	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE	n.a.	
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	**an..70**	Free text	Goods **name** of the non-dangerous cargo	<Consignments> <GoodsItems> <GoodsDescription> <GoodsName>
	4440		C	an..70 (n6)	Free text value	**NST/R code** of the non-dangerous cargo. Extended by "00" if only 4 digits known, see Annex 4, No. 7.	<Consignments> <GoodsItems> <GoodsDescription> <NSTRCode>
	4440		C	an..70 (n6..10)	Free text	**HS code** of the non-dangerous cargo, see Annex 4, No. 5	<Consignments> <GoodsItems> <GoodsDescription> <HSCode>
	4440			an..70	Free text	Aditional goods description.	<Consignments> <GoodsItems> <GoodsItem> <AdditionalInfo>
	4440			an..70	Free text	n.a.	
	3453			an..3	Language, coded	n.a.	
	4447			an..3	Text formatting	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID	**SGP (1..99)**	3	C		**SPLIT GOODS PLACEMENT**	**Specification of the location of the non-dangerous cargo within the means of transport**	
	C237		M		EQUIPMENT IDENTIFICATION		
	8260		M	an..17 (an7..8)	Equipment identification number	**Ship number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication	<Consignments> <GoodsItems> <SplitGoodsPlacements> <Placement> <VesselId>
	1131		M	an..3	Code list qualifier	"IMO" for an IMO number , see Annex 4, No. 3 "OFS" for a Official Ship Number of CCNR system, see Annex 4, No. 2 "ERN" for all other ships (Electronic Reporting Number), see Annex 4, No. 4	<Consignments> <GoodsItems> <SplitGoodsPlacements> <Placement> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	7224			n..8	Number of packages	n.a.	
CNI/ GID/ SGP	**MEA**	4	M		**MEASUREMENTS**	**Specification of the weight of a non dangerous good on board the vessel**	
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)	
	6314		M	an..18 (n9)	Measurement value	weight in kilogram	<Consignments> <GoodsItems> <GoodSplitGoodsPlacements> <SplitGoodsPlacements> <Weight>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			an..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ SGP	**MEA**	4	C		**MEASUREMENTS**	**Specification of the tonnage of a non dangerous good on board the vessel**	
	6311		M	an..3	Measurement purpose qualifier	"VOL" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAX" The observed volume after adjustment for factors such as temperature or gravity	
	6321			an..3	Measurement significance	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec. 20)	
	6314		M	an..18 (n9)	Measurement value	Tonnage	<Consignments> <GoodsItems> <GoodSplitGoodsPlacements> < ContainerStowageType >
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			an..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID	**DGS**	3	M		**DANGEROUS GOODS**	**Dangerous goods identification**	**If not a dangerous good then <DangerousGoodsInfo > must be absent.**
	8273		M	an..3	dangerous goods regulations	“ANR” for inland vessels (CCNR ADNR code) “IMD” for sea going vessels (IMO IMDG code)	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <Regulation>
	C205		M		HAZARD CODE		
	8351		M	an..7	Hazard code identification	**ADNR or IMDG code,** see Annex 4, No. 9	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <Classification>
	8078		C	an..7	Additional hazard classification identifier	ADNR danger classification code, see Annex 4, No. 10	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <AdditionalClassification>
	8092			an..10	Hazard code version number	n.a.	
	C234		M		UNDG INFORMATION		
	7124		M	n4	UNDG number	**UN number** (UNDG code), see Annex 4, No. 8	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <UNNumber>
	7088			an..8	Dangerous goods flashpoint	n.a.	
	C223		C		DANGEROUS GOODS SHIPMENT FLASHPOINT		
	7106		M	n..3	Shipment flashpoint	**Flashpoint** of the good transported	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <Flashpoint>
	6411		M	an..3	Measure unit qualifier	“CEL” for Celsius “FAH” for Fahrenheit .	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <FlashpointUnit>
	8339		M	an..3	Packing group	“1” for great danger “2” for medium danger “3” for minor danger ..	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
							<PackingGroup>
	8364		C	an..6	EMS number	Emergency Procedures	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <EMSNumber>
	8410		C	an..4	MFAG number	Medical First Aid Guide	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <MFAGNumber>
	8126			an..10	TREM card number	n.a.	
	C235		C		HAZARD IDENTIFICATION PLACARD DETAILS	**Placards** mandatory for dangerous goods on dry cargo vessels	
	8158		M	an..4	Hazard identification number, upper part	see ADNR	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <HazardPlacard> <HazardPlacardUpper>
	8186		M	an..4	Substance identification number, lower part	see ADNR	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoods> <HazardPlacard> <HazardPlacardLower>
	C236				DANGEROUS GOODS LABEL	n.a.	
	8246			an..4	Dangerous goods label marking	n.a.	
	8246			an..4	Dangerous goods label marking	n.a.	
	8246			an..4	Dangerous goods label marking	n.a.	
	8255			an..3	Packing instruction	n.a.	
	8325			an..3	Category of means of transport	n.a.	
	8211			an..3	Permission for transport	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS	**FTX (1)**	4	M		**FREE TEXT**	**Dangerous good description**	
	4451		M	an..3	Text subject code qualifier	"AAD" for dangerous goods, **technical** name	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE	n.a.	
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	an..70 (an..50)	Free text	Name of dangerous good (**proper shipping** name)	<Consignments> <GoodsItems> <DangerousGoodsInfo> <TechnicalName>
	4440			an..70	Free text value	Aditional goods description	<Consignments> <GoodsItems> <DangerousGoodsInfo> <AdditionalClassification>
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	3453			an..3	Language	n.a.	
	4447			an..3	Text formatting	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS	**FTX (2)**	4	C		**FREE TEXT**	**Additional information**	
	4451		M	an..3	Text subject code qualifier	"AAC" for dangerous goods additional information	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441		M	an..17	Free text identification	"SYN" for indication that a synonym follows	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		M		TEXT LITERAL		
	4440		M	an..70 (an..50)	Free text	**Synonym** of the dangerous good	<Consignments> <GoodsItems> <DangerousGoodsInfo> <Synonym>
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	4440			an..70	Free text	n.a.	
	3453			an..3	Language	n.a.	
	4447			an..3	Text formatting	n.a.	
CNI/ GID/ DGS	**MEA**	4	M		**MEASUREMENTS**	**Total weight of the dangerous good within a transport**	
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing	
	6321			an..3	Measurement significance, coded	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)	
	6314		M	an..18	Measurement value	Weight of the dangerous good in the consigment	<Consignments> <GoodsItems> <DangerousGoodsInfo> <NetWeight>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS	**SGP (1..99)**	4	M		**SPLIT GOODS PLACEMENT**	**Specification of the location of the goods.** If the goods are transported in containers, this segment should contain the identification of the vessel the container is stowed on.	
	C237		M		EQUIPMENT IDENTIFICATION		
	8260		M	an..17 (an7..8)	Equipment identification number	**Ship number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <SplitGoodsPlacement> <Placement> <VesselId> or (for non-dangerous) <Consignments> <GoodsItems> <GoodSplitGoodsPlacement> <SplitGoodsPlacement> <Placement> <VesselId>
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of CCNR system, see Annex 4, No. 2 "IMO" for an IMO-number, see Annex 4, No. 3 "ERN" for all other ships (Electronic Reporting Number), see Annex 4, No. 4	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <SplitGoodsPlacement> <Placement> <VesselIDType> or (for non-dangerous) <Consignments> <GoodsItems> <GoodSplitGoodsPlacement> <SplitGoodsPlacement> <Placement> <VesselIDType>
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	7224			n..8	Number of packages	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS/ SGP	**MEA**	5	M		**MEASUREMENTS**	**Total weight of the goods within the vessel.**	
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing	
	6321			an..3	Measurement significance, coded	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)	
	6314		M	an..18	Measurement value	Weight of the goods in the vessel	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <SplitGoodsPlacement> <Weight> or (for non-dangerous) <Consignments> <GoodsItems> <GoodSplitGoodsPlacement> <SplitGoodsPlacement> <Weight>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS/ SGP	**MEA**	5	M		**MEASUREMENTS**	**Total tonnage of the goods within the vessel.**	
	6311		M	an..3	Measurement purpose qualifier	"VOL" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAX" The observed volume after adjustment for factors such as temperature or gravity	
	6321			an..3	Measurement significance, coded	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec. 20)	
	6314		M	an..18	Measurement value	Tonnage	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <SplitGoodsPlacement> < ContainerStowage > or (for non-dangerous) <Consignments> <GoodsItems> <GoodSplitGoodsPlacement> <SplitGoodsPlacement> < ContainerStowage >
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS	**SGP**	4	C		**SPLIT GOODS PLACEMENT**	**The location of the goods if in containers. If the goods are transported in containers at least one SGP combination specifying the ship on which the container is stowed must be specified.**	
	C237		M		EQUIPMENT IDENTIFICATION	Identification	
	8260		M	an..17	Equipment identification number	**Container identification** code (owner code, identifier, serial number. check digit), see Annex 4, No. 16	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <Containerstowage> <Container> or (for non-dangerous) <Consignments> <GoodsItems> <GoodsSplitGoodsPlacements> <Containerstowage> <Container>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3207			an..3	Country	n.a.	
	7224			n..8	Number of packages	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS/ SGP	**LOC**		C		**PLACE / LOCATION IDENTIFICATION**	**Stowage location**	
	3227		M	an..3	Place / location qualifier	"147" for Stowage cell	
	C517		M		LOCATION IDENTIFICATION		
	3225		M	an..25	Place / location identification	"BBBRRTT" for Bay / Row / Tier	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <Containerstowage> <StowageLocation> or (for non-dangerous) <Consignments> <GoodsItems> <GoodsSplitGoodsPlacements> <Containerstowage> <StowageLocation>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3224			an..70	Place / location	n.a.	
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.	
	3223			an..25	Related place / location one identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3222			an..70	Related place / location one	n.a.	
	C553				RELATED LOCATION TWO IDENTIFICATION	n.a.	
	3233			an..25	Related place / location two identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	3232			an..70	Related place / location two	n.a.	
	5479			an..3	Relation	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS/ SGP	**MEA**	5	M		**MEASUREMENTS**	**Specification of the weight of the good in the container**	
	6311		M	an..3	Measurement purpose qualifier	"WT" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAL" for net weight including normal packing	
	6321			an..3	Measurement significance, coded	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	Container type (ISO 6364 chapter 4 and annexes D en E)	????
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)	
	6314		M	an..18	Measurement value	Weight of the good in this container	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <Containerstowage> <Weight> for non-dangerous goods <Consignments> <GoodsItems> <GoodsSplitGoodsPlacements> <Containerstowage> <Weight>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
CNI/ GID/ DGS/ SGP	**MEA**	5	M		**MEASUREMENTS**	**Total tonnage of the goods within the vessel.**	
	6311		M	an..3	Measurement purpose qualifier	"VOL" for weights	
	C502		M		MEASUREMENT DETAILS		
	6313		M	an..3	Property measured	"AAX" The observed volume after adjustment for factors such as temperature or gravity	
	6321			an..3	Measurement significance, coded	n.a.	
	6155			an..17	Measurement attribute identification	n.a.	
	6154			an..70	Measurement attribute	n.a.	
	C174		M		VALUE/RANGE		
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec. 20)	
	6314		M	an..18	Measurement value	Tonnage	<Consignments> <GoodsItems> <DangerousGoodsInfo> <DangerousGoodsSplitGoodsPlacements> <Containerstowage> <???? > for non-dangerous goods <Consignments> <GoodsItems> <GoodsSplitGoodsPlacements> <Containerstowage> <????>
	6162			n..18	Range minimum	n.a.	
	6152			n..18	Range maximum	n.a.	
	6432			n..2	Significant digits	n.a.	
	7383			an..3	Surface / layer indicator	n.a.	
	UNT		M		**MESSAGE TRAILER**	**End and control of completeness of the message**	
	0074		M	n..6	Number of segments in a message		
	0062		M	an..14	Message reference number	First 14 positions of the message reference number	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	8
	UNZ		M		**INTERCHANGE TRAILER**	**End and control of the interchange**	
	0036		M	n..6	Interchange control count	"1" for number of messages contained in the interchange	
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number	

4.2 ERIRSP XML Mapping

Le tableau ci-après décrit l'information de réponse ERI au format EDI. La dernière colonne définit le XML Mapping. En association avec la définition de schéma, ces informations devraient être suffisantes pour le développement d'un outil de conversion.

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
	UNB	0	M		**INTERCHANGE HEADER**		
	S001		M		SYNTAX IDENTIFIER		
	0001		M	a4	Syntax identifier	"UNOA" Controlling agency	<EDIMapping> <Syntax>
	0002		M	n1	Syntax version number	"2"	<EDIMapping> <SyntaxVersion>
	S002		M		INTERCHANGE SENDER		
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name	<MessageId> <SenderId>
	0007			an..4	Partner identification code qualifier	n.a.	
	0008			an..14	Address for reverse routing	n.a.	
	S003		M		INTERCHANGE RECIPIENT		
	0010		M	an..35 (an25)	Recipient identification	Mailbox number or unique name	<MessageId> <ReceiverId>
	0007			an..4	Partner identification code qualifier	n.a.	
	0014			an..14	Routing address	n.a.	
	S004		M		DATE / TIME OF PREPARATION		
	0017		M	n6	Date	Generation date, YYMMDD	<MessageId> <GenerationDateTime>
	0019		M	n4	Time	Generation time, HHMM	<MessageId> <GenerationDateTime>
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number.	
	S005				RECIPIENTS REFERENCE, PASSWORD		
	0022			an..14	Recipient's reference / password	n.a.	
	0025			an2	Recipient's reference, password qualifier	n.a.	
	0026			an..14	Application reference	n.a.	
	0029			a1	Processing priority code	n.a.	
	0031		C	n1	Acknowledgement request	"1" = Sender wishes receipt notification	<MessageId> <AckRequest>
	0032			an..35	Communications agreement id	n.a.	
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message	<MessageId> <TestIndicator>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
	UNH	0	M		**MESSAGE HEADER**	Identification, specification and heading of a message	
	0062		M	an..14	Message reference number	First 14 positions of the message reference number.	
	S009		M		MESSAGE IDENTIFIER		
	0065		M	an..6	Message type	“APERAK”, message type	<EDIMapping> <Messagetype>
	0052		M	an..3	Message version number	“D”,	<EDIMapping> <MessageVersion>
	0054		M	an..3	Message release number	“98B”	<EDIMapping> <MessageRelease>
	0051		M	an..2	Controlling agency	“UN”,	E<EDIMapping> <MessageControllingAgency>
	0057		M	an..6	Association assigned code	“PROT10”, Protect version 1.0	<EDIMapping> <AssociationAssignedCode>
	0068			an..35	Common access reference	n.a.	
	S010				STATUS OF THE TRANSFER		
	0070			n..2	Sequence of transfers	n.a.	
	0073			a1	First and last transfer	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
	BGM	0	M		**BEGINNING OF MESSAGE**	Identification of the type and function of the message	
	C002		M		DOCUMENT / MESSAGE NAME		
	1001		M	an..3	Document / message name code	Type of message received for which this message contains the acknowledgement information: “VES”, from vessel to RIS authority message; “CAR”, from carrier to RIS authority message , passage report from RIS authority to RIS authority	<MessageId> <MessageType>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	1000			an..35	Document / message name	n.a.	
	C106		M		DOCUMENT / MESSAGE IDENTIFICATION		
	1004		M	an..35 (an15)	Document identifier	Message reference number. This number should be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number should be used. The transitional system should in this case not generate another message reference number	<MessageId> <MessageNo>
	1056		C	an..9	Version	n.a.	
	1060		C	an..6	Revision number	n.a.	
	1225		M	an..3	Message function code	Function of ,message: “9” = new message	<MessageId> <MessageFunction>
	4343		M	an..3	Response type code	“AP” accepted “RE” rejected. The notification is rejected if the transport already is active.	<MessageId> <ResponseType>
	DTM	1	C		**DATE / TIME / PERIOD**	**The date / time that the receiving application encounters the approval or rejection**	
	C507		M		DATE / TIME / PERIOD		
	2005		M	an..3	Date or time or period function code qualifier	“137” for document / message date / time	
	2380		M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM	<MessageDateTime>
	2379		M	an..3	Date or time or period format code	“201” for YYMMDDHHMM	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
	RFF (1)	1	C		**REFERENCE**	Reference to previous message	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	“ACW” for reference number to previous message	
	1154		M	an..35	Reference number	Message reference number from BGM, TAG 1004 of the message this message refers to.	<MessageRef>
	1156		C	an..6	Line number	n.a.	
	4000		C	an..35	Reference version number	n.a.	
	1060		C	an..6	Revision number	n.a.	
	RFF (2)	1	C		**REFERENCE**	Reference to transaction / invoice number	
	C506		M		REFERENCE		
	1153		M	an..3	Reference qualifier	“AAY” for reference number to transaction	
	1154		M	an..35	Reference number	Reference number assigned by the receiving authority. The reference number should start with the UN country code followed by three positions for the assigning system. The final part is the actual reference number.	<TransportRef>
	1156		C	an..6	Line number	n.a.	
	4000		C	an..35	Reference version number	n.a.	
	1060		C	an..6	Revision number	n.a.	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
NAD	**NAD (1)**	1	M		**NAME and ADDRESS**	Name and address of the sender of the notification	
	3035		M	an..3	Party function code qualifier	“MS” for Message sender	<NameAddress> <PartyFunction>
	C082				PARTY IDENTIFICATION DETAILS	n.a.	
	3039			an..35	Party identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C058				NAME AND ADDRESS	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	3124			an..35	Name and address line	n.a.	
	C080		M		PARTY NAME		
	3036		M	an..35	Party name	Name of the sender of the notification.	<NameAddress> <PartyName>
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3036			an..35	Party name	n.a.	
	3045			an..3	Party name format, coded	n.a.	
	C059		C		STREET		
	3042		M	an..35	Street and number / p.o. box	Street and number or post office box	<NameAddress> <Street>
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3042			an..35	Street and number / p.o. box	n.a.	
	3164		C	an..35	City name	City	<NameAddress> <City>
	3229			an..9	Country sub-entity identification	n.a.	
	3251		C	an..9	postcode identification	Postal identification code	<NameAddress> <PostalCode>
	3207		C	an..3	country	ISO 3166-1 two alpha country code	<NameAddress> <Country>

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
NAD	**COM**	2	C		**COMMUNICATION CONTACT**	Sender communication contact details (max. 2 times)	
	C076		M		COMMUNICATION CONTACT		
	3148		M	an..70	Communication number	Communication number	<NameAddress> <CommsContact> <CommsNo>
	3155		M	an..3	Communication channel qualifier	"TE" for telephone number "FX" for fax number	<NameAddress> <CommsContact> <CommsChannel>
	ERC	1	C		**APPLICATION ERROR INFORMATION**		
	C901		M		APPLICATION ERROR DETAIL		
	9321		M	an..8	Application error	Application error code	<ErrorInformation> <ErrorCode>
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
ERC	**FTX**	2	C		**FREE TEXT**	To communicate the reason for rejection	
	4451		M	an..3	Text subject code qualifier	**"AAO"** for free text error description	
	4453			an..3	Free text function code	n.a.	
	C107				TEXT REFERENCE		
	4441			an..17	Free text identification	n.a.	
	1131			an..3	Code list qualifier	n.a.	
	3055			an..3	Code list responsible agency	n.a.	
	C108		C		TEXT LITERAL	Text	
	4440		M	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	4440		C	an.. 70	Free text	Further description	<ErrorInformation> <ErrorDescription>
	3453			an.. 3	Language, coded	n.a.	
	4447			an..3	Text formatting, coded	n.a.	
	UNT		M		**MESSAGE TRAILER**	**End and control of completeness of the message**	

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks	XML Mapping
1	2	3	4	5	6	7	
	0074		M	n..6	Number of segments in a message		
	0062		M	an..14	Message reference number	First 14 positions of the message reference number	
	UNZ		M		**INTERCHANGE TRAILER**	**End and control of the interchange**	
	0036		M	n..6	Interchange control count	"1" for number of messages contained in the interchange	
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number	

5. Exemples XML

Ci-après est présenté un exemple généré automatiquement d'information XML basée sur la définition de schéma XML.
Les données de tous les Tags sont fictives, de manière à ne pas enfreindre les restrictions de longueur. Des éléments non obligatoires sont également présentés et les éléments répétés n'apparaissent qu'une seule fois.
Ces exemples ne devraient pas être considérés comme étant des exemples réels d'informations valables.

5.1 Exemples ERINOT XML

```
<?xml version="1.0" encoding="UTF-8"?>
<ERINOT xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" VersionMajor="0" VersionMinor="0">
                    <MessageId>
                    <SenderId>String</SenderId>
                    <ReceiverId>String</ReceiverId>
                    <GenerationDateTime>Stringaaaa</GenerationDateTime>
                    <AckRequest>1</AckRequest>
                    <TestIndicator>1</TestIndicator>
                    <MessageType>VES</MessageType>
                    <MessageNo>String</MessageNo>
                    <MessageFunction>1</MessageFunction>
                    </MessageId>
                    <EDIMapping>
                    <Syntax>String</Syntax>
                    <SyntaxVersion>String</SyntaxVersion>
                    <MessageType>String</MessageType>
                    <MessageVersion>String</MessageVersion>
                    <MessageRelease>String</MessageRelease>
                    <MessageControllingAgency>String</MessageControllingAgency>
                    <AssociationAssignedCode>String</AssociationAssignedCode>
                    </EDIMapping>
                    <SafetyExplanation>
                    <PersonsOnBoard>999</PersonsOnBoard>
                    <Signalling>0</Signalling>
                    </SafetyExplanation>
                    <PrivacyStatement>Y</PrivacyStatement>
                    <MessageRef>String</MessageRef>
                    <TransportDocRef>String</TransportDocRef>
                    <TestScenarioRef>String</TestScenarioRef>
                    <Transport>
                    <TransportDetails StageQualifier="20">
                    <VoyageNo>String</VoyageNo>
                    <TransportMode>1</TransportMode>
                    <TransportMeans>Stri</TransportMeans>
                    <Vessel>
                    <VesselId>Stringa</VesselId>
                    <VesselIDType>OFS</VesselIDType>
                    </Vessel>
                    <VesselName>String</VesselName>
                    <Nationality>Str</Nationality>
                    </TransportDetails>
                    <TransportDimensions>
```

```
<Length>99999</Length>
<Width>9999</Width>
<Draught>9999</Draught>
<Tonnage>99999</Tonnage>
</TransportDimensions>
<TransportReference>
<RefQualifier>GNB</RefQualifier>
<RefNo>String</RefNo>
</TransportReference>
<TransportLocations>
<PortOfDeparture>
<Locode>Strin</Locode>
<LocationName>String</LocationName>
<TerminalCode>String</TerminalCode>
<TerminalName>String</TerminalName>
<FairwaySectionCode>String</FairwaySectionCode>
<FairwayHectometre>Strin</FairwayHectometre>
</PortOfDeparture>
<PassagePoint>
<Locode>Strin</Locode>
<LocationName>String</LocationName>
<TerminalCode>String</TerminalCode>
<TerminalName>String</TerminalName>
<FairwaySectionCode>String</FairwaySectionCode>
<FairwayHectometre>Strin</FairwayHectometre>
</PassagePoint>
<NextPortOfCall>
<Locode>Strin</Locode>
<LocationName>String</LocationName>
<TerminalCode>String</TerminalCode>
<TerminalName>String</TerminalName>
<FairwaySectionCode>String</FairwaySectionCode>
<FairwayHectometre>Strin</FairwayHectometre>
</NextPortOfCall>
<Routepoints SequenceNumber="0">
<Locode>Strin</Locode>
<LocationName>String</LocationName>
<TerminalCode>String</TerminalCode>
<TerminalName>String</TerminalName>
<FairwaySectionCode>String</FairwaySectionCode>
<FairwayHectometre>Strin</FairwayHectometre>
</Routepoints>
<PortOfDestination>
<Locode>Strin</Locode>
<LocationName>String</LocationName>
<TerminalCode>String</TerminalCode>
<TerminalName>String</TerminalName>
<FairwaySectionCode>String</FairwaySectionCode>
<FairwayHectometre>Strin</FairwayHectometre>
</PortOfDestination>
<ETD>2001-12-17T09:30:47-05:00</ETD>
<PassageTime>2001-12-17T09:30:47-05:00</PassageTime>
<ETA>2001-12-17T09:30:47-05:00</ETA>
```

```
</TransportLocations>
</Transport>
<NamesAddresses>
<NameAddress>
<PartyFunction>MS</PartyFunction>
<PartyId>String</PartyId>
<PartyName>String</PartyName>
<Street>String</Street>
<City>String</City>
<PostalCode>String</PostalCode>
<Country>Str</Country>
</NameAddress>
<Contact>
<ContactInformation>String</ContactInformation>
<CommsContact>
<CommsNo>String</CommsNo>
<CommsChannel>TE</CommsChannel>
</CommsContact>
</Contact>
</NamesAddresses>
<Barges>
<Barge>
<EquipmentType>BRY</EquipmentType>
<BargeId>
<VesselId>Stringa</VesselId>
<VesselIDType>OFS</VesselIDType>
</BargeId>
<BargeName>String</BargeName>
<BargeType>Stri</BargeType>
</Barge>
<BargeDimensions>
<Length>99999</Length>
<Width>9999</Width>
<Draught>9999</Draught>
<Tonnage>99999</Tonnage>
</BargeDimensions>
</Barges>
<ContainerMatrixes>
<ContainerMatrix>
<ContRange>RNG20</ContRange>
<ContStatus>4</ContStatus>
</ContainerMatrix>
<Number>0</Number>
</ContainerMatrixes>
<Consignments>
<Consignment>
<SequenceNo>9999</SequenceNo>
</Consignment>
<ArrivalTime>2001-12-17T09:30:47-05:00</ArrivalTime>
<DepartureTime>2001-12-17T09:30:47-05:00</DepartureTime>
<PortOfLoading>
<Locode>Strin</Locode>
<LocationName>String</LocationName>
```

<TerminalCode>String</TerminalCode>
<TerminalName>String</TerminalName>
<FairwaySectionCode>String</FairwaySectionCode>
<FairwayHectometre>Strin</FairwayHectometre>
</PortOfLoading>
<PortOfDischarge>
<Locode>Strin</Locode>
<LocationName>String</LocationName>
<TerminalCode>String</TerminalCode>
<TerminalName>String</TerminalName>
<FairwaySectionCode>String</FairwaySectionCode>
<FairwayHectometre>Strin</FairwayHectometre>
</PortOfDischarge>
<NameAddress>
<PartyFunction>MS</PartyFunction>
<PartyId>String</PartyId>
<PartyName>String</PartyName>
<Street>String</Street>
<City>String</City>
<PostalCode>String</PostalCode>
<Country>Str</Country>
</NameAddress>
<GoodsItems>
<GoodsItem>
<GoodsItemNo>99999</GoodsItemNo>
<NumberOfPackages>99999999</NumberOfPackages>
<TypeOfPackages>St</TypeOfPackages>
</GoodsItem>
<AdditionalInfo>
<TypeOfGood>D</TypeOfGood>
<HSCode>String</HSCode>
<CustomsStatus>T</CustomsStatus>
<CustomsRefNo>String</CustomsRefNo>
<Overseas>Y</Overseas>
</AdditionalInfo>
<GoodsDescription>
<GoodsName>String</GoodsName>
<NSTRCode>String</NSTRCode>
<HSCode>String</HSCode>
</GoodsDescription>
<DangerousGoodsInfo>
<DangerousGoods>
<Regulation>ANR</Regulation>
<Classification>String</Classification>
<AdditionalClassification>Text</AdditionalClassification>
<UNNumber>Stri</UNNumber>
<Flashpoint>3.14159</Flashpoint>
<FlashpointUnit>CEL</FlashpointUnit>
<PackingGroup>S</PackingGroup>
<EMSNumber>String</EMSNumber>
<MFAGNumber>Stri</MFAGNumber>
<HazardPlacard>
<HazardPlacardUpper>Stri</HazardPlacardUpper>

```
                    <HazardPlacardLower>Stri</HazardPlacardLower>
                    </HazardPlacard>
                    </DangerousGoods>
                    <TechnicalName>String</TechnicalName>
                    <Synonym>String</Synonym>
                    <NetWeight>0</NetWeight>
                    <DangerousGoodSplitGoodsPlacements>
                    <SplitGoodsPlacement>
                    <Placement>
                    <VesselId>Stringa</VesselId>
                    <VesselIDType>OFS</VesselIDType>
                    </Placement>
                    <Weight>999999999</Weight>
                    </SplitGoodsPlacement>
                    <ContainerStowage>
                    <Container>String</Container>
                    <StowageLocation>String</StowageLocation>
                    <Weight>999999999</Weight>
                    </ContainerStowage>
                    </DangerousGoodSplitGoodsPlacements>
                    </DangerousGoodsInfo>
                    <GoodSplitGoodsPlacements>
                    <SplitGoodsPlacement>
                    <Placement>
                    <VesselId>Stringa</VesselId>
                    <VesselIDType>OFS</VesselIDType>
                    </Placement>
                    <Weight>999999999</Weight>
                    </SplitGoodsPlacement>
                    <ContainerStowage>
                    <Container>String</Container>
                    <StowageLocation>String</StowageLocation>
                    <Weight>999999999</Weight>
                    </ContainerStowage>
                    </GoodSplitGoodsPlacements>
                    </GoodsItems>
                    </Consignments>
</ERINOT>
```

5.2 Exemple ERIRSP XML

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSPY v5 rel. 4 U (http://www.xmlspy.com)-->
<ERIRSP xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" VersionMajor="0" VersionMinor="0">
                    <MessageId>
                    <SenderId>String</SenderId>
                    <ReceiverId>String</ReceiverId>
                    <GenerationDateTime>Stringaaaa</GenerationDateTime>
                    <AckRequest>1</AckRequest>
                    <TestIndicator>1</TestIndicator>
                    <MessageType>VES</MessageType>
                    <MessageNo>String</MessageNo>
                    <MessageFunction>9</MessageFunction>
```

```
                    <ResponseType>AP</ResponseType>
                    </MessageId>
                    <EDIMapping>
                    <Syntax>String</Syntax>
                    <SyntaxVersion>String</SyntaxVersion>
                    <MessageType>String</MessageType>
                    <MessageVersion>String</MessageVersion>
                    <MessageRelease>String</MessageRelease>
                    <MessageControllingAgency>String</MessageControllingAgency>
                    <AssociationAssignedCode>String</AssociationAssignedCode>
                    </EDIMapping>
                    <MessageDateTime>2001-12-17T09:30:47-05:00</MessageDateTime>
                    <MessageRef>String</MessageRef>
                    <TransportRef>String</TransportRef>
                    <ErrorInformation>
                    <ErrorCode>String</ErrorCode>
                    <ErrorDescription>String</ErrorDescription>
                    </ErrorInformation>
                    <NamesAddresses>
                    <NameAddress>
                    <PartyFunction>MS</PartyFunction>
                    <PartyName>String</PartyName>
                    <Street>String</Street>
                    <City>String</City>
                    <PostalCode>String</PostalCode>
                    <Country>Str</Country>
                    </NameAddress>
                    <CommsContact>
                    <CommsNo>String</CommsNo>
                    <CommsChannel>TE</CommsChannel>
                    </CommsContact>
                    </NamesAddresses>
</ERIRSP>
```