

ISO 28005-3:2024-12 (E)

Ships and marine technology - Electronic port clearance (EPC) - Part 3: Data elements for ship and port operation

Contents

Page

Foreword	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Reference to data types defined in ISO 28005-2:2021	2
4.1 General	2
4.2 Data types modified from ISO 28005-2:2021	2
5 Relation to the IMO Compendium	3
6 EPC request body	4
7 General data types	7
7.1 General	7
7.2 Epc:ContactInfoType – Contact information	7
7.2.1 Definition	7
7.2.2 Type	7
7.2.3 Representation	7
7.3 epc:CommunicationNumberType – Communication number information	8
7.3.1 Definition	8
7.3.2 Type	8
7.3.3 Representation	8
7.4 epc:ContactTypeContentType – Type of contact for dangerous goods	8
7.4.1 Definition	8
7.4.2 Type	8
7.4.3 Representation	8
7.5 epc:DateTimeType – DateTime with type	8
7.5.1 Definition	8
7.5.2 Type	8
7.5.3 Representation	9
8 Core data types	9
8.1 General	9
8.2 Ship identity and contacts data types	9
8.2.1 epc:SatelliteServiceProviderCodeContentType	9
8.2.2 epc:SatelliteServiceType – Satellite service number to the ship	9
8.3 Cargo data types	10
8.3.1 epc:CargoDataType – Detailed description of cargo	10
8.3.2 epc:CargoOverviewType – Brief description of onboard cargo	17
8.4 Crew and passenger data	17
8.4.1 Class diagram	17
8.4.2 Non-core data types	17
8.4.3 epc:OtherPersonListType – Information about other persons on board	19
8.4.4 epc:PersonsOnboardNumberType – Number of persons onboard	19
8.4.5 epc:StowawayDetailsType – Details about stowaways found onboard	20
8.4.6 LanguageContentType	22
8.5 Class and ship certificates	22
8.5.1 Class diagram	22
8.5.2 epc:CertificateType – Certificate description	22
8.5.3 epc:ISSCertificateStatusType – Security certificate information	25
8.5.4 epc:ShipClassType – Class notation for ship	25

8.5.5	Epc: ClassSocietyContentType – Enumeration type for RO/RSO/class	26
8.6	Ship particulars types	26
8.6.1	General	26
8.6.2	Epc:ShipParticularsType – Ship particulars	26
8.6.3	epc:ShipRegistryType – Ship registry details	28
8.6.4	epc:DeadWeightType – Dead weight	29
8.6.5	epc:GrossTonnageType – Gross tonnage	29
8.6.6	epc: SRSRemarksType – Remarks for ship reporting systems	29
8.7	Vessel operation data types	30
8.7.1	General	30
8.7.2	epc: ShipStatusType – Ship status information	30
8.7.3	epc:WeatherInformationType – Weather information as observed	30
8.8	Location types	32
8.8.1	General	32
8.8.2	Non-core data types	32
8.8.3	epc:WaypointListType – Waypoint and waypoint list	34
8.8.4	epc:VoyageEventListType – Time and position for voyage events	35
8.8.5	epc:PilotBoardingPlaceArrivalType – Pilot boarding place and arrival time	36
8.8.6	epc:PilotBoardingPlaceDepartureType – Pilot boarding place and departure time	36
8.9	Ballast water arrival reporting data types	37
8.9.1	General	37
8.9.2	epc:BallastWaterManagementType	37
8.9.3	epc:BallastTankType	38
8.10	Waste and environmental data types	40
8.10.1	General	40
8.10.2	epc:BallastStatusType – Status of ship's ballast water when in port	41
8.10.3	epc:WasteDisposalRequirementsType – Ship's requirements for waste disposal	41
8.10.4	epc: WasteInformationType – Waste information	41
8.11	Health data types	43
8.11.1	Class diagram	43
8.11.2	epc: HealthDataType – Health information for the ship	43
8.12	Maritime service data types	45
8.12.1	epc:MaritimeServiceType – Information related to a maritime service	45
8.13	Inspection data types	46
8.13.1	General	46
8.13.2	epc:InspectionType – Information related to inspections	46
8.13.3	epc:DetentionType – Inspection detention	48
8.13.4	epc:InspectionCommentType – Information related to an comment given during an inspection	48
8.13.5	epc:DeficiencyType – Inspection deficiency	50
8.13.6	epc:ShipBannedType – Ship banned type	51
8.14	Advanced passenger information	51
8.14.1	General	51
8.14.2	Epc:PersonBookingType	51
8.15	Verified gross mass	52
8.15.1	General	52
8.15.2	Epc:VerifiedGrossMassType	52
8.16	Coastal station name type	53
8.16.1	Definition	53
8.16.2	Type	53
8.16.3	Representation	53
Annex A (normative) Mapping between this document and the IMO FAL		54
Bibliography		83