

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 |