# Change Log

## Version 1.0.0

Revision date: 2019-03-28: Updated MRN patterns and miscellaneous fixes to V. 0.8 data format; various updates to conform to S-100 4.0.0; various updates for IALA review comments; revised folder structure in distribution package.

## Version: 0.8

Revision date: 2018-12-05 \* replaced direct XML encoding with GML encoding \* added portCode for the UN/LOCODE of the port of the PortCall \* portCode and PortCallId is now in a choice, meaning exactly one of them must be present \* removed position element from Location \* Added optional attribute terminal to location \* added new identifier TerminalIdentifier \* added optional attribute terminal to location type \* simplified location to only contain a location identifier and the optional terminal attribute \* added extension point siteData with the corresponding base type VendorExtension \* added optional attributes for incoming and outgoing voyage \* rename categoryOfMessageOperation messageOperationName \* enumeration updates \* serviceObject \* CRANE\_OPERATION added \* RAMP\_OPERATION added \* extension wildcard added \* wildcard added, to make the enumeration extendible \* locationReferenceObject \* wildcard added, to make the enumeration extendible \* locationType \* LOC removed \* timeType \* TARGET renamed PLANNED \* REQUIRED added

## Version: 0.7

Revision date: 2017-12-14 onwards

* adaptation to publish as standard S-211

## Version: 0.6.1

Revision date: 2017-11-06

* maintenance version for a few minor misses in 0.6
* removed duplicate PORT Location type
* Fixed LocationIdentifier to be aligned with LocationType enumeration
* PORT\_AREA added
* enumeration updates
  + ServiceObject
    - PORT\_VISIT added

## Version: 0.6

Revision date: 2017-06-08

* big version jump to 0.6 to synchronize with the versioning of the Port Call Message Standard
* Schema split into four files
* changed x-mrn to mrn
* changed pattern matching to case insensitive
* added windowBefore and windowAfter for LocationState, ServiceState and AdministrationState
* changed Location
  + removed field locationType
  + removed field name
  + added field locationMRN
* removed groupWith
* enumeration updates
  + TimeType
    - CANCELLED removed
  + AdministrationTimeSequence (new type)
    - CANCELLED added
    - CONFIRMED added
    - DENIED added
    - REQUESTED added
    - REQUEST\_RECEIVED added
  + ServiceTimeSequence
    - CONFIRMED removed
    - DENIED removed
    - REQUESTED removed
    - REQUEST\_RECEIVED removed
  + LocationReferenceObject
    - BUNKER\_VESSEL
    - SLUDGE\_VESSEL
    - SLOP\_VESSEL
    - FRESH\_WATER\_VESSEL
    - GANGWAY
    - SURVEYOR
    - ARRIVAL\_MOORER and DEPARTURE\_MOORER replaced by MOORER
  + LocationType (renamed from LogicalLocation)
    - BOUY
    - HOME\_BASE
    - PORT
    - VTS\_AREA
  + ServiceObject
    - BERTH\_VISIT
    - CARGO\_SURVEY
    - INSPECTION
    - LOADING\_OPERATION
    - UNLOADING\_OPERATION
    - READYTOSAIL\_OPERATION
    - ARRIVAL\_MOORING\_OPERATION renamed to MOORING\_OPERATION
    - DEPARTURE\_MOORING\_OPERATION renamed to UNMOORING\_OPERATION

## Version: 0.0.16

Revision date: 2016-10-19

* new field: localPortCallId
* new type: LocalPortCallIdentifier, for the new field
* choice between portCallId and localJobId replaced with three optional elements, portCallId, localPortCallId and localJobId

## Version: 0.0.15

Revision date: 2016-09-01

* new message type: MessageOperation. For handling operations on previously submitted Port Call Messages
* enumeration updates
  + LocationReferenceObject
    - AGENT
    - MOORER
  + ServiceObject
    - ARRIVAL\_MOORING\_OPERATION
    - DEPARTURE\_MOORING\_OPERATION
  + ServiceTimeSequence
    - CANCELLED removed (into TimeType)
  + TimeType
    - CANCELLED added +LogicalLocation
    - NEXT\_PORT and PREVIOUS\_PORT removed
* length of comment now set to 200 characters
* time moved into LocationState and ServiceState
* timeType moved into LocationState and ServiceState

## Version: 0.0.14

Revision date: 2016-07-07

* enumeration updates
  + ServiceObject
    - GANGWAY
    - EMBARKING
    - PILOT\_BOAT
    - PONTOONS\_AND\_FENDERS
    - SECURITY
    - TOURS
    - FORKLIFT
  + LocationReferenceObject
    - SKILLED\_WORKER
  + ServiceTimeSequence
    - CANCELLED
* update MRN type to allow for upper case letters

## Version: 0.0.13

Revision date: 2016-05-23

* made performingActor in ServiceState optional
* changed performingActor in ServiceState to a simple MRN, to allow for any type of MRN based identifier
* changed schema namespace to URN
* added schema location to appInfo
* fixed inconsistent formatting of changelog

## Version: 0.0.12

Revision date: 2016-05-06

* changed regex for PortCallIdentifier to allow upper case characters in URN

## Version: 0.0.11

Revision date: 2016-04-26

* enumeration updates
  + ServiceTimeSequence
    - REQUEST -> REQUESTED
    - CONFIRM -> CONFIRMED
    - new REQUEST\_RECEIVED
    - new DENIED
  + ServiceObject
    - ARRIVAL\_ANCHORAGEAREA -> ARRIVAL\_ANCHORING\_OPERATION
    - DEPARTURE\_ANCHORAGEAREA -> DEPARTURE\_ANCHORING\_OPERATION
    - new ANCHORING
    - new ARRIVAL\_VTSAREA
    - new BERTH\_SHIFTING
    - new DEPARTURE\_VTSAREA
  + LocationReferenceObject
    - ICE\_BREAKER -> ICEBREAKER
  + LogicalLocation
    - ANCHORAGE\_AREA -> ANCHORING\_AREA
    - PILOT\_STATION -> PILOT\_BOARDING\_AREA
    - TUG\_STATION -> TUG\_ZONE
    - new ETUG\_ZONE
    - new LOC
    - new NEXT\_PORT
    - new PREVIOUS\_PORT
    - new RENDEZV\_AREA
    - new VESSEL

## Version: 0.0.9

Revision date: 2016-04-19

* renamed ServiceReferenceObject to follow concept standard
* updated ServiceObject with new list of constants

## Version: 0.0.8

Revision date: 2016-04-15

* field length for PortCallMessageIdentifier changed from 67 to 66, to match the actual pattern

## Version: 0.0.7

Revision date: 2016-04-06

* Made reportedBy and reportedAt optional, since they should be determined by the receiving service

## Version: 0.0.6

Revision date: 2016-04-01

* Added PORT to LogicalLocation

## Version: 0.0.5

Revision date: 2016-03-31

* Moved REQUEST and CONFIRM from TimeType to ServiceTimeSequence

## Version: 0.0.4

Revision date: 2016-03-16

* Renamed LatLong type Position
* Added coordinate system to documentation for Position
* Added type MRN
* Added MRN based identifiers for port call and message

## Version: 0.0.3

Revision date:2016-02-19

* Made groupWith optional

## Version: 0.0.2

Revision date:2016-02-19

* Added missing element portCallId to root node
* Added performingActor to type ServiceState
* Added messageId
* Added groupWith