## **U - Legal ECDIS**

## **U.1 Maximum Dimensions, Speed**

## **U.1.1 Maximum Permitted Ship Dimensions (C)**

Waterway or waterway section for which a juridical regulation with respect to the maximum permitted vessel dimensions exists

exists.	Figure 1 of	Oliver E
Graphics	Encoding Instructions	Object Encoding
	A) The actual value for ship dimension limits are encoded by the respective regulation attributes ('lg_bme', 'lg_lgs', 'lg_drt', 'lg_wdp').  B) If 'lg_wdp' is encoded the unit for the water displacement must be given as well.  C) Use 'lg_rel' to indicate if the particular regulation is meant to	Object Encoding
		Object Class = Ig_sdm(A)
		(M) lg_rel = [1 (other), 2 (usage of waterway), 3 (carriage of equipment), 4 (task,operation)]
		(M) Ig_bme = [xx.xx] (metres), e.g., 10.45
		(M) lg_lgs = [xxx.xx] (metres), e.g., 110.00
		(M) lg_drt = [xx.xx] (metres), e.g., 3.10
	control the general usage of the waterway, the carriage of	(M) lg_wdp = [xxxx.x] (m³ or tonnes), e.g., 310.0
instructions.  D) Condition attributes ('lc_csi'; 'lc_ase'; 'lc_cce') must be used to des the conditions under which a particular law / regulation is applicable.  E) To describe the categories for types, ship formations and catype use either implicit or expressed type use either implicit or expressed type selection.  F) If the value 1 'other' is used for of the above category attributed description attribute (lg_des) be used to describe the detain indicate where detailed informations are found.  G) EU: Must be encoded if a region for (a stretch of) a waterway regard to maximum permitted dimensions exists unless a Calass has been encoded by a wtware feature (L.3.1 CEMT Classification, ISRS Code) are	performed by the skipper or other	(M) lg_wdu = [1 (other), 2 (cubic meters), 3 (tonnes)]
	'lc_cse'; 'lc_asi'; 'lc_ase'; 'lc_cci'; 'lc_cce') must be used to describe the conditions under which a particular law / regulation is	(C) lg_des = [legal description; please refer to F]
		(M) lc_csi = [1 (all types), 2 (other), 3 (non-motorized vessel), 5 (craft), 6 (vessel), 7 (inland waterway vessel), 8 (sea going ship), 9 (motor vessel), 10 (motor tanker), 11 (motor
	types, ship formations and cargo type use either implicit or explicit	cargo vessel), 12 (canal barge), 13 (tug), 14 (pusher), 15 (barge), 16 (tank barge), 17 (dumb barge), 18 (lighter), 19 (tank lighter), 20 (cargo lighter), 21 (ship borne lighter), 22
	of the above category attributes the description attribute (lg_des) must be used to describe the details or indicate where detailed information	(passenger vessel), 23 (passenger sailing vessel), 24 (day trip vessel), 25 (cabin vessel), 26 (High-speed vessel), 27 (floating equipment), 28 (worksite craft), 29 (recreational craft), 30 (Dinghy), 31 (floating establishment), 32 (floating object)]
	G) EU: Must be encoded if a regulation for (a stretch of) a waterway with regard to maximum permitted ship dimensions exists unless a CEMT class has been encoded by a wtware feature (L.3.1 CEMT Classification, ISRS Code) and the permitted ship dimensions are equal	vessel), 24 (day trip vessel), 25 (cabin vessel), 26 (High-speed vessel), 27 (floating equipment), 28 (worksite craft), 29 (recreational craft), 30 (Dinghy), 31 (floating establishment), 32 (floating object)]
		(M) lc_asi = [1 (all types), 2 (other), 3 (single vessel), 5 (convoy), 6 (formation), 7 (rigid convoy), 8 (pushed convoy), 9 (breasted up

	formation), 10 (towed convoy)]  (M) lc_ase = [1 (all types), 2 (other), 3 (single vessel), 5 (convoy), 6 (formation), 7 (rigid convoy), 8 (pushed convoy), 9 (breasted up formation), 10 (towed convoy)]
	(M) lc_cci = [1 (all types), 2 (other), 4 (bulk), 5 (dry cargo), 6 (liquid cargo), 7 (liquid cargo (type N)), 8 (liquid cargo (type C)), 9 (gas)]
	(M) lc_cce = [1 (all types), 2 (other), 4 (bulk), 5 (dry cargo), 6 (liquid cargo), 7 (liquid cargo (type N)), 8 (liquid cargo (type C)), 9 (gas)]
	(O) lg_pbr = (publication reference)
	(C) SORDAT = [YYYYMMDD]
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