C - IENC Meta Information

C.1 Meta Features

C.1.3 Navigation System of Marks (M)

An area within which a specific system of navigational marks applies and/or a common direction of buoyage. (S-57 Standard)

Graphics	Encoding Instructions	Object Encoding
	A) The m_nsys polygons should only cover those areas that contain IENC data. B) m_nsys areas may not overlap. C) US: All inland waterways in the United States use IALA B. D) EU: In areas with mixed systems (IALA-A and CEVNI) code marsys according to majority of marks and code individual deviant marks at object level to the appropriate system. E) RU: All inland waterways in Russia use marsys = 12 (Russian inland waterway regulations). F) BR: There are two systems in Brazilian national inland waterways: marsys = 13 (Brazilian national inland waterway regulations - two sides) and marsys = 14 (Brazilian national inland waterway regulations - side independent). In areas with mixed systems (IALA B and one above) use marsys = 2 (IALA B) and code individual deviant marks to the appropriate system (marsys = 13 or 14). G) BR: Paraguai-Parana International Waterway: In Brazilian extent, use marsys= 2 (IALA B) and code Brazilian complementary aids with marsys = 15 (Paraguai-Parana waterway - Brazilian complementary aids).	**Object Encoding** **Object Class =** m_nsys(A) (M) marsys = [1 (IALA A), 2 (IALA B), 9 (no system), 10 (other system), 11 (CEVNI), 12 (Russian inland waterway regulations), 13 (Brazilian national inland waterway regulations - two sides), 14 (Brazilian national inland waterway regulations - side independent), 15 (Paraguay-Parana waterway - Brazilian complementary aids)] (C) SORDAT = [YYYYMMDD] (C) SORIND = (Refer to Section B, General Guidance)