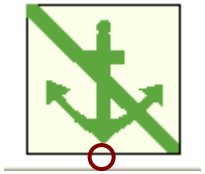
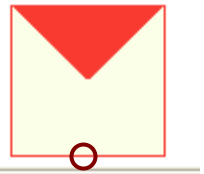
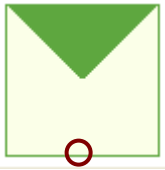
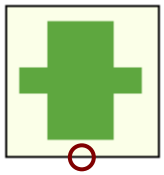
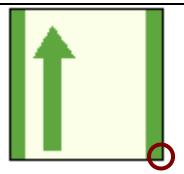
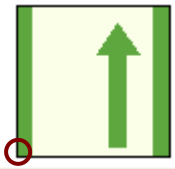
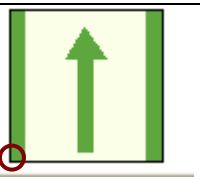
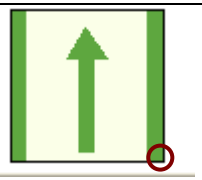
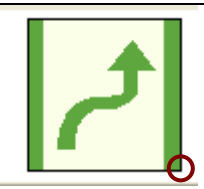
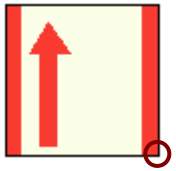
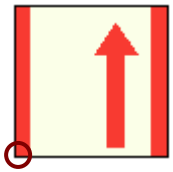
BRAZILIAN WATERWAYS NOTICE MARKS – BRAZILIAN TWO SIDES SYSTEM

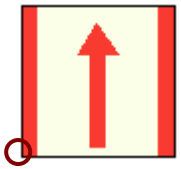
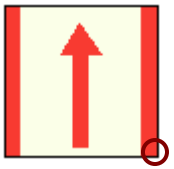
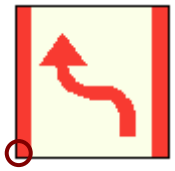
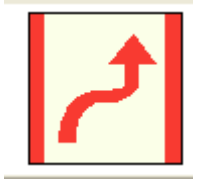
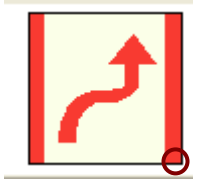
ENCODING GUIDE FOR INLAND ENCs - ANNEX AC

			Symbol Names			
Symbol	**Raster or Vector**	**Symbol_1**	**Used for**	**Symbol_2**	**Used for**	**Encoding Guide 2.3.5**
	Vector	 **N008CLPC**	“notmrk”, “catnmk=8”, ”fnctnm = 1”, ”dirimp=1 or 2”, “bnkwtw=1” “m_nsys”, “marsys=13”			
	Vector	 **N008CRPC**	“notmrk”, “catnmk=8”, ”fnctnm = 1”, ”dirimp=1 or 2”, “bnkwtw=2” “m_nsys”, “marsys=13”			
	Vector	 **N039CLPC**	“notmrk”, “catnmk=39”, ”fnctnm = 3”, ”dirimp=1 or 2”, “bnkwtw=1” “m_nsys”, “marsys=13”			

	Vector	 **N039CRPC**	“notmrk”, “catnmk=39”, ”fnctnm = 3”, ”dirimp=1 or 2”, “bnkwtw=2” “m_nsys”, “marsys=13”			
	Vector	 **N108CLPC**	“notmrk”, “catnmk=108”, ”fnctnm = 5”, ”dirimp=1 or 2”, “bnkwtw=1” “m_nsys”, “marsys=13”			
	Vector	 **N108CRPC**	“notmrk”, “catnmk=108”, ”fnctnm = 5”, ”dirimp=1 or 2”, “bnkwtw=2” “m_nsys”, “marsys=13”			
	Vector	 **N109CLPC**	“notmrk”, “catnmk=109”, ”fnctnm = 2”, ”dirimp=1 or 2”, “bnkwtw=1” “m_nsys”, “marsys=13”			

	Vector	 **N109CRPC**	"notmrk", "catnmk=109", "fnctnm = 2", "dirimp=1 or 2", "bnkwtw=2" "m_nsys", "marsys=13"			
	Vector	 **N103CRPR**	"notmrk", "catnmk=103", "fnctnm = 2", "dirimp=1", "bnkwtw=2" "m_nsys", "marsys=13"			O.3.1
	Vector	 **N104CRPL**	"notmrk", "catnmk=104", "fnctnm = 2", "dirimp=2", "bnkwtw=2" "m_nsys", "marsys=13"			O.3.1
	Vector	 **N105CRPL**	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=2", "bnkwtw=2" "m_nsys", "marsys=13"	 **N105CRPR**	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=1", "bnkwtw=2" "m_nsys", "marsys=13"	O.3.1

	Vector	 **N106CRPL**	“notmrk”, “catnmk=106”, ”fnctnm = 2”, ”dirimp=2”, ”bnkwtw=2” “m_nsys”, “marsys=13”			O.3.1
	Vector	 **N107CRPR**	“notmrk”, “catnmk=107”, ”fnctnm = 2”, ”dirimp=1”, ”bnkwtw=2” “m_nsys”, “marsys=13”			O.3.1
	Vector	 **N103CLPR**	“notmrk”, “catnmk=103”, ”fnctnm = 2”, ”dirimp=2”, “bnkwtw=1” “m_nsys”, “marsys=13”			O.3.1
	Vector	 **N104CLPL**	“notmrk”, “catnmk=104”, ”fnctnm = 2”, ”dirimp=1”, “bnkwtw=1” “m_nsys”, “marsys=13”			O.3.1

	Vector	 **N105CLPL**	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=1", "bnkwtw=1" "m_nsys", "marsys=13"	 **N105CLPR**	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=2", "bnkwtw=1" "m_nsys", "marsys=13"	O.3.1
	Vector	 **N106CLPL**	"notmrk", "catnmk=106", "fnctnm = 2", "dirimp=1", "bnkwtw=1" "m_nsys", "marsys=13"			O.3.1
	Vector	 **N107CLPR**	"notmrk", "catnmk=107", "fnctnm = 2", "dirimp=2", "bnkwtw=1" "m_nsys", "marsys=13"			O.3.1

ORIENT attribute gives the angle of rotation for the symbols.

BRAZILIAN WATERWAYS NOTICE MARKS – SIDE INDEPENDENT SYSTEM

ENCODING GUIDE FOR INLAND ENCs - ANNEX AD

			Symbol Names			
Symbol	**Raster or Vector**	**Symbol_1**	**Used for**	**Symbol_2**	**Used for**	**Encoding Guide 2.3.5**
	Vector	 **N008DIPC**	“notmrk”, “catnmk=8”, ”fnctnm =1”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			
	Vector	 **N039DIPC**	“notmrk”, “catnmk=39”, ”fnctnm = 3”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			
	Vector	 **N082DSPC**	“notmrk”, “catnmk=82”, ”fnctnm = 5”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			
	Vector		“notmrk”, “catnmk=83”, ”fnctnm = 5”, ”dirimp=1 or 2” “m_nsys”,			

		N083DSPC	“marsys=14”			
	Vector	 **N103DIPR**	“notmrk”, “catnmk=103”, ”fnctnm = 2”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			O.3.1
	Vector	 **N104DIPL**	“notmrk”, “catnmk=104”, ”fnctnm = 2”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			O.3.1
 *	Vector	 **N105DIPL**	“notmrk”, “catnmk=105”, ”fnctnm = 2”, ”dirimp=1” “bnkwtw=1” OR “notmrk”, “catnmk=105”, ”fnctnm = 2”, ”dirimp=2” “bnkwtw=2” “m_nsys”, “marsys=14”	 **N105DIPR**	“notmrk”, “catnmk=105”, ”fnctnm = 2”, ”dirimp=1” “bnkwtw=2” OR “notmrk”, “catnmk=105”, ”fnctnm = 2”, ”dirimp=2” “bnkwtw=1” “m_nsys”, “marsys=14”	O.3.1
	Vector	 **N106DIPL**	“notmrk”, “catnmk=106”, ”fnctnm = 2”, ”dirimp=1 or 2” “m_nsys”,			O.3.1

			“marsys=14”			
	Vector	 **N107DIPR**	“notmrk”, “catnmk=107”, ”fnctnm = 2”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			O.3.1
	Vector	 **N108DIPC**	“notmrk”, “catnmk=108”, ”fnctnm = 5”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			
	Vector	 **N109DIPC**	“notmrk”, “catnmk=109”, ”fnctnm = 5”, ”dirimp=1 or 2” “m_nsys”, “marsys=14”			

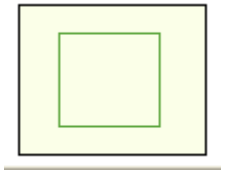
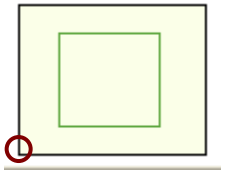
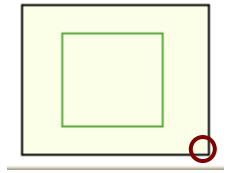
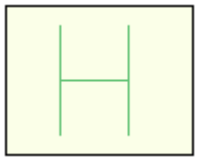
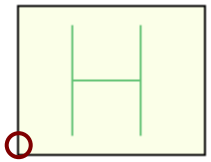
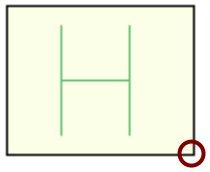
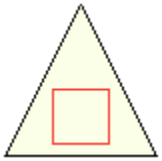
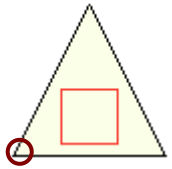
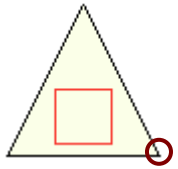
* If marsys=14 (side-independent), bnkwtw must be encoded only if catnmk= 105

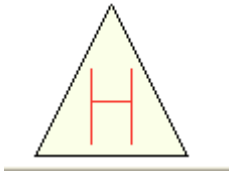
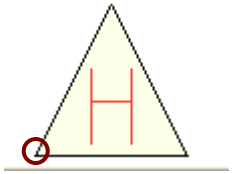
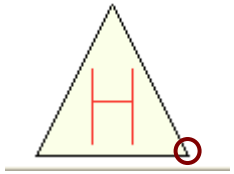
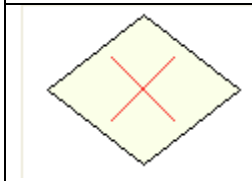
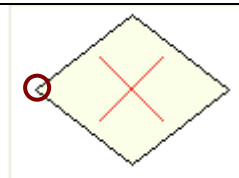
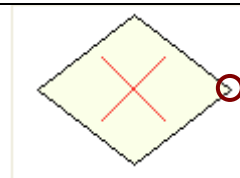
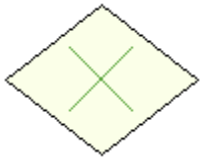
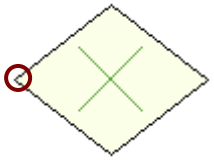
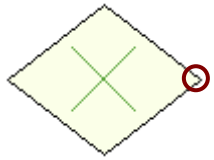
ORIENT attribute gives the angle of rotation for the symbols.

BRAZILIAN WATERWAYS NOTICE MARKS – BRAZILIAN PARAGUAY-PARANA WATERWAY

ENCODING GUIDE FOR INLAND ENCs - ANNEX AE

			Symbol Names			
Symbol	**Raster or Vector**	**Symbol_1**	**Used for**	**Symbol_2**	**Used for**	**Encoding Guide 2.3.5**
	Vector	 **N082EIPC**	“notmrk”, “catnmk=82”, ”fnctnm = 5”, ”dirimp=1 or 2”, ”bnkwtw=1” “m_nsys”, “marsys=15”			
	Vector	 **N083EIPC**	“notmrk”, “catnmk=83”, ”fnctnm = 5”, ”dirimp=1 or 2”, ”bnkwtw=1” “m_nsys”, “marsys=15”			
	Vector	 **N082ESPC**	“notmrk”, “catnmk=82”, ”fnctnm = 5”, ”dirimp=1 or 2”, ”bnkwtw=2” “m_nsys”, “marsys=15”			

	Vector	 **N083ESPC**	“notmrk”, “catnmk=83”, ”fnctnm = 5”, ”dirimp=1 or 2”, ”bnkwtw=2” “m_nsys”, “marsys=15”			
	Vector	 **N103ERPL**	“notmrk”, “catnmk=104”, ”fnctnm = 2”, ”dirimp=2”, ”bnkwtw=2” “m_nsys”, “marsys=15”	 **N103ERPR**	“notmrk”, “catnmk=103”, ”fnctnm = 2”, ”dirimp=1”, ”bnkwtw=2” “m_nsys”, “marsys=15”	O.3.1
	Vector	 **N105ERPL**	“notmrk”, “catnmk=105”, ”fnctnm = 2”, ”dirimp=2”, ”bnkwtw=2” “m_nsys”, “marsys=15”	 **N105ERPR**	“notmrk”, “catnmk=105”, ”fnctnm = 2”, ”dirimp=1”, ”bnkwtw=2” “m_nsys”, “marsys=15”	O.3.1
	Vector	 **N103ELPL**	“notmrk”, “catnmk=104”, ”fnctnm = 2”, ”dirimp=1”, ”bnkwtw=1” “m_nsys”, “marsys=15”	 **N103ELPR**	“notmrk”, “catnmk=103, ”fnctnm = 2”, ”dirimp=2”, ”bnkwtw=1” “m_nsys”, “marsys=15”	O.3.1

	Vector	 **N105ELPL**	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=1", "bnkwtw=1" "m_nsys", "marsys=15"	 **N105ELPR**	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=2", "bnkwtw=1" "m_nsys", "marsys=15"	O.3.1
	Vector	 **N106ELPL**	"notmrk", "catnmk=106", "fnctnm = 2", "dirimp=1", "bnkwtw=1" "m_nsys", "marsys=15"	 **N106ELPR**	"notmrk", "catnmk=107", "fnctnm = 2", "dirimp=2", "bnkwtw=1" "m_nsys", "marsys=15"	O.3.1
	Vector	 **N106ERPL**	"notmrk", "catnmk=106", "fnctnm = 2", "dirimp=2", "bnkwtw=2" "m_nsys", "marsys=15"	 **N106ERPR**	"notmrk", "catnmk=107", "fnctnm = 2", "dirimp=1", "bnkwtw=2" "m_nsys", "marsys=15"	O.3.1

ORIENT attribute gives the angle of rotation for the symbol.