# BRAZILIAN WATERWAYS NOTICE MARKS – BRAZILIAN TWO SIDES SYSTEM

## **ENCODING GUIDE FOR INLAND ENCs - ANNEX AC**

			Syml	ool Names		
Symbol	Raster or Vector	Symbol_1	Used for	Symbol_2	Used for	Encoding Guide 2.3.5
X	Vector	**	"notmrk", "catnmk=8", "fnctnm = 1", "dirimp=1 or 2", "bnkwtw=1"			
		N008CLPC	"m_nsys", "marsys=13"			
X	Vector	<b>X</b>	"notmrk", "catnmk=8", "fnctnm = 1", "dirimp=1 or 2", "bnkwtw=2"			
		N008CRPC	"m_nsys", "marsys=13"			
	Vector	N039CLPC	"notmrk", "catnmk=39", "fnctnm = 3", "dirimp=1 or 2", "bnkwtw=1"  "m_nsys", "marsys=13"			

	Vector	Negacina	"notmrk", "catnmk=39", "fnctnm = 3", "dirimp=1 or 2", "bnkwtw=2" "m_nsys",		
		N039CRPC	"marsys=13"		
	Vector		"notmrk", "catnmk=108", "fnctnm = 5", "dirimp=1 or 2", "bnkwtw=1"		
		N108CLPC	"m_nsys", "marsys=13"		
	Vector		"notmrk", "catnmk=108", "fnctnm = 5", "dirimp=1 or 2", "bnkwtw=2"		
		N108CRPC	"m_nsys", "marsys=13"		
R	Vector	R	"notmrk", "catnmk=109", "fnctnm = 2", "dirimp=1 or 2", "bnkwtw=1"		
		N109CLPC	"m_nsys", "marsys=13"		

R	Vector	R N109CRPC	"notmrk", "catnmk=109", "fnctnm = 2", "dirimp=1 or 2", "bnkwtw=2" "m_nsys",			
	Vector	1,100 0111 0	"marsys=13" "notmrk",			0.3.1
	Vector		"catnmk=103", "fnctnm = 2", "dirimp=1", "bnkwtw=2"			0.3.1
		N103CRPR	"m_nsys", "marsys=13"			
	Vector		"notmrk", "catnmk=104", "fnctnm = 2", "dirimp=2", "bnkwtw=2"			O.3.1
		N104CRPL	"m_nsys", "marsys=13"			
	Vector		"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=2", "bnkwtw=2"		"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=1", "bnkwtw=2"	O.3.1
		N105CRPL	"m_nsys", "marsys=13"	N105CRPR	"m_nsys", "marsys=13"	

ı	1		<b>,</b>	, ,
Vector		"notmrk",		O.3.1
		"catnmk=106",		
		"fnctnm = 2",		
		"dirimp=2",		
		"bnkwtw=2"		
	Maccoppi	"m_nsys",		
	N106CRPL			
 \/aata#		"marsys=13"		O.3.1
Vector		"notmrk",		0.3.1
		"catnmk=107",		
		"fnctnm = 2",		
		"dirimp=1",		
		"bnkwtw=2"		
	NIACODD	"m_nsys",		
	N107CRPR	"marsys=13"		
Vector		"notmrk",		O.3.1
		"catnmk=103",		
		"fnctnm = 2",		
		"dirimp=2",		
		"bnkwtw=1"		
		DIKWIW-I		
		""		
	N103CLPR	"m_nsys",		
		"marsys=13"		_
Vector		"notmrk",		O.3.1
		"catnmk=104",		
		"fnctnm = 2",		
		"dirimp=1",		
		"bnkwtw=1"		
	N104CLPL	"m_nsys",		
	MIU4CLFL	"marsys=13"		
		maraya-10		

1	Vector	N105CLPL	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=1", "bnkwtw=1" "m_nsys",	N105CLPR	"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=2", "bnkwtw=1" "m_nsys",	O.3.1
5	Vector	5	"marsys=13"  "notmrk",  "catnmk=106",  "fnctnm = 2",  "dirimp=1",  "bnkwtw=1"		"marsys=13"	O.3.1
		N106CLPL	"m_nsys", "marsys=13"			
4	Vector		"notmrk", "catnmk=107", "fnctnm = 2", "dirimp=2", "bnkwtw=1"			O.3.1
		N107CLPR	"m_nsys", "marsys=13"			

ORIENT attribute gives the angle of rotation for the symbols.

## BRAZILIAN WATERWAYS NOTICE MARKS – SIDE INDEPENDENT SYSTEM

## **ENCODING GUIDE FOR INLAND ENCs - ANNEX AD**

		Sym	bol Names		
Raster or Vector	Symbol_1	Used for	Symbol_2	Used for	Encoding Guide 2.3.5
Vector	X	"notmrk", "catnmk=8", "fnctnm =1", "dirimp=1 or 2"			
	N008DIPC	"m_nsys", "marsys=14"			
Vector		"notmrk", "catnmk=39", "fnctnm = 3", "dirimp=1 or 2"			
-	N039DIPC	"m_nsys", "marsys=14"			
Vector		"notmrk", "catnmk=82", "fnctnm = 5", "dirimp=1 or 2"			
	N082DSPC	"m_nsys", "marsys=14"			
Vector		"notmrk", "catnmk=83", "fnctnm = 5", "dirimp=1 or 2"			
	vector  Vector  Vector  Vector	Vector  Vector  Vector  Vector  Vector  Vector  Vector  N039DIPC  Vector  Vector	Noosdiff	Noosding   Symbol_1   Used for   Symbol_2	Noosdip

		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
<b>C</b>	Vector	N106DIPL	"notmrk", "catnmk=106", "fnctnm = 2", "dirimp=1 or 2"  "m_nsys",			O.3.1

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

<sup>\*</sup> 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**

			Syml	bol Names		
Symbol	Raster or Vector	Symbol_1	Used for	Symbol_2	Used for	Encoding Guide 2.3.5
	Vector		"notmrk", "catnmk=82", "fnctnm = 5", "dirimp=1 or 2", "bnkwtw=1"			
		N082EIPC	"m_nsys", "marsys=15"			
	Vector		"notmrk", "catnmk=83", "fnctnm = 5", "dirimp=1 or 2", "bnkwtw=1"			
		N083EIPC	"m_nsys", "marsys=15"			
Y	Vector	<b>Y</b>	"notmrk", "catnmk=82", "fnctnm = 5", "dirimp=1 or 2", "bnkwtw=2"			
		N082ESPC	"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		"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=1", "bnkwtw=1"		"notmrk", "catnmk=105", "fnctnm = 2", "dirimp=2", "bnkwtw=1"	O.3.1
	N105ELPL	"m_nsys", "marsys=15"	N105ELPR	"m_nsys", "marsys=15"	
Vector		"notmrk", "catnmk=106", "fnctnm = 2", "dirimp=1", "bnkwtw=1"		"notmrk", "catnmk=107", "fnctnm = 2", "dirimp=2", "bnkwtw=1"	O.3.1
	N106ELPL	"m_nsys", "marsys=15"	N106ELPR	"m_nsys", "marsys=15"	
Vector		"notmrk", "catnmk=106", "fnctnm = 2", "dirimp=2", "bnkwtw=2"		"notmrk", "catnmk=107", "fnctnm = 2", "dirimp=1", "bnkwtw=2"	O.3.1
	N106ERPL	"m_nsys", "marsys=15"	N106ERPR	"m_nsys", "marsys=15"	

ORIENT attribute gives the angle of rotation for the symbol.