

TURQUOISE

Technical Specification Uniform Symbology

Version 1.1

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1. Introduction

Turquoise, in collaboration with European MTFs, proposes a uniform symbology framework for use by any European market centre.

The uniform symbology framework is designed to be human readable, fit into 6 characters, have no symbol conflicts and where possible, be derivable from another freely available code.

The framework will consist of a stock code followed by a single, lower case letter designating the primary listing exchange. The stock code will be derived from the “local code” published by the primary exchange. These will be truncated where necessary.

If the local code contains an A/B/C share designator then that shall be retained and the code will be truncated to a maximum of 4 characters, plus the A/B/C designator. For some Nordic stocks the share designator will be prefixed with “SDB” (eg. “SDBA”). In this case the “SDB” should be removed.

Any codes containing spaces, periods, underscores or second words (other than A/B/C described above) will be truncated at the space, period, etc.

All remaining non-alphanumeric characters should be removed.

2. Stock Code Truncation Examples

Local Code	MTF Code	Description
VGAS SDB	VGAS	“ SDB” Removed.
NDA SEK	NDA	“ SEK” Removed.
MAERSK B	MAERB	“MAERSK” Truncated to “MAER”, “B” retained.
ASSA B	ASSAB	“ ” removed, “B” share distinction retained.
ATCO A	ATCOA	“ ” removed, “A” share distinction retained.
INDU C	INDUC	“ ” removed, “C” share distinction retained.
BP.	BP	“.” Removed.
BT.A	BT	“.A” Truncated.
F&C	FC	“&” removed
Y&Z B	YZB	“&” removed, “ ” removed, “B” retained
TWW SDBB	TWWB	“ ” removed, “SDB” removed, “B” retained

3. Market Codes by Market Centre Examples

Market Centre	Market Code	Local Symbol	Security	Security Name
Copenhagen Stock Exchange	c	DANSK	DANSKc	Danske Bank Ord
Deutsche Borse/Germany	d	EXS1	EXS1d	iShares DAX ETF
Euronext Amsterdam	a	HEIA	HEIAa	Heineken
Euronext Brussels	b	INB	INBb	INBEV
Euronext Paris	p	RNO	RNOp	Renault
Euronext Lisbon/Portugal	u	ALTR	ALTRu	ALTRI SGPS
Helsinki Stock Exchange	h	NOK1V	NOK1Vh	Nokia
Irish Stock Exchange	i	GNC	GNCi	Greencore Group plc
London Stock Exchange	l	VOD	VODl	Vodafone Group Ord
Madrid/Spain (Espana)	e	COL	COLe	INMOB Colonial
Borsa Italiana/Milan	m	SPM	SPMm	Saipem
Oslo Stock Exchange	o	NHY	NHYo	Norsk Hydro
Stockholm Stock Exchange	s	VOLB	VOLBs	Volvo B Ord
Swiss Exchange/Zurich	z	UBSN	UBSNz	UBS N Ord
Vienna Stock Exchange	v	VIG	VIGv	Vienna Insurance Group
Iceland Stock Exchange	r	ICEAIR	ICEAIRr	Icelandair Group