

Uniform Symbology Algorithm

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The Uniform Symbology Algorithm is designed to be human readable, fit into 6 characters, have no symbol clashes and where possible, be derivable from another, freely available code.

It 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 a single letter class designator of A through Z (eg. "STE A") then the single letter class designator shall be retained and the code will be truncated to a maximum of 4 characters, plus the single letter class (A through Z) designator. For some Nordic stocks the share designator will be prefixed with "SDB" (eg. "SDBA"). In this case the "SDB" should be removed and the single letter class (A through Z) designator will be retained.

Any codes containing spaces, periods, underscores or second words (other than the single letter class (A through Z) described above) will be truncated at the space, period, etc.

All remaining non-alphanumeric characters should be removed.

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" retained.
ATCO A	ATCOA	" " removed, "A" retained.
ATCO B	ATCOB	A/B 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

Market codes by market centre (including 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
Reykjavik, Iceland	r	OSSR	OSSRr	Ossur Ord
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

The only known stock code clashes (so far) are:

Stock Name	ISIN	Exchange	Currency	Local Code	MTF Code
Nokia Oyj	FI0009000681	HEL	EUR	NOK1V	NOK1Vh
Nokia Oyj New Shares	FI0009015747	HEL	EUR	NOK1VM0108	NOKNSh
Alm. Brand Formue B	DK0010300276	CSE	DKK	ALMBF B	ALMFBc
Alm. Brand Pantebreve B	DK0010136969	CSE	DKK	ALMBP B	ALMPBc
Sagax AB	SE0000538852	STO	SEK	SAGA	SAGAs
Sagax AB Pref	SE0001629288	STO	SEK	SAGA PREF	SAGAPs

Of these, only NOK1Vh is currently available through EMCF, and so these clashes represent potential clashes for the future.

The following markets have been checked:

Copenhagen Stock Exchange
Deutsche Borse/Germany
Euronext Amsterdam
Euronext Brussels
Euronext Paris
Euronext Lisbon/Portugal
Helsinki Stock Exchange
Irish Stock Exchange
London Stock Exchange
Borsa Italiana/Milan
Stockholm Stock Exchange
Swiss Exchange/Zurich
Vienna Stock Exchange

Symbology History

In order to facilitate orderly and efficient trading of securities across multiple markets, the founders of the Committee on Uniform Symbology (BATS Europe, Chi-X Europe and NASDAQ OMX Europe) agreed to create and adopt a common securities symbology to uniformly identify securities traded across Europe. A committee was formed for the purpose of which was to create, maintain and modify as necessary the uniform methodology for securities symbology (Uniform Symbology) to be applied to the securities and to develop and use the Uniform Symbology in furtherance of the committee's aims and objectives. Since the founding of the Committee on Uniform Symbology other members have joined including: Turquoise, NYSE Euronext and QUOTE MTF.