MFQS Daily List Data Mapping

File Format:

In the table below, NASDAQ OMX has summarized how to map the data fields from the legacy MFQS Daily List file on the NASDAQ OMX Trader website to the new MFQS Daily List files on the new MFQS website.

Please refer to the MFQS Daily List / MFQS Registration Service specification document for details on the new data fields included in the MFQS Daily List files as well as the layout of new MFQS reports available to the market data community on the new MFQS service.

Legacy MFQS Daily List o	n NASDAQ Trader	New MFQS Daily List on MFQS Website		
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes	
Daily List Date / Time	The date and time the Daily List was distributed. All times are military time and Eastern Time (ET). The date format is MM/DD/YYYY. The time format is HH:MM:SS.	Daily List Posting Date Daily List Posting Time	In the new MFQS files, the date and time fields are separate. Time is stated as HHMMSS (without colons).	
Effective Day	The date that MFQS corporate action is effective in the MFQS system. Please refer to the "Corporate Action Effective Date" field for the official date of the change by the MFQS fund family / trust sponsor.	MFQS Effective Date	For the new MFQS files, the MFQS Effective Date is used to determine whether to show the value in the Advance Notification list or the Next Day list. If the Effective Date is equal to the next business day's date, the record will be included in the Next Day file. If the Effective Date is for a later date, the record will be included in the Advance Notification file.	
Fund Event	The category of the change to the affected security. The allowed values were: Fund Event Additions Deletions Corrections - Additions/Deletions Name/Symbol Change Corrections - Name/Symbol Changes Newspaper Change	MFQS Event Code	For the new MFQS file, the allowable event codes are: MFQS Event Codes Anticipated Addition Correction – Anticipated Addition Addition Correction – Addition Deletion Correction – Deletion UIT Replacement	

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes		
	Fund Family Change Transfers UIT Replacement Corrections - UIT Replacements		Correction – UIT Replacement MFQS Attribute Change MFQS Attribution Change – Correction Please note that new "MFQS Attribute Change" code replace the legacy Name/Symbol Change, Newspaper Change, Fu Family Change and Transfer events. Firms should refer to "Current" and "New" fields to determine data elements bein modified. Please also note that the "Anticipated Addition" code is supported on the MFQS Advance Notification list only.		
Fund Type	The type of fund that is affected. The allowable values were: Fund Type Mutual Funds Mutual Funds Supplemental List Money Market Money Market Supplemental List Unit Investment Trust Annuities Structured Products	MFQS Issue Type – Current MFQS Issue Type – New	For the new MFQS following abbreviation MF MS \$\$ \$\$ US AN SP	n the MFQS Advance Notification list only. MFQS file formats, NASDAQ OMX will use the breviations: Value Mutual Fund – News Media List Mutual Fund – Supplemental List Money Market Fund – News Media List Money Market Fund – Supplemental List Money Market Fund – Supplemental List Unit Investment Trust (UIT) Annuity Structured Product MFQS file formats, NASDAQ OMX will support ssue Type fields. The field processing by MFQ will be as follows: ent MFQS Issue Type – Current Reflects code for deleted instrument MFQS Issue Structured Product MFQS Issue MFQS Issue Current MFQS Issue MFQS Issue Current MFQS Issue MFQS Issue Current MFQS Issue Current MFQS Issue Current MFQS Issue Current	

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description		Field Name(s) – New	Conversion Notes	S
				UIT Replacemen	outgoing new instrument instrument
Fund Code	Depicts if the subcategory of were:	f security. The allowable values	MFQS Issue Category – Current	For the new MFQS following codes for	S file formats, NASDAQ OMX uses the r this field:
	Fund Type	Fund Code	MFQS Issue Category – New	Code	Value
	Mutual Funds	Open End Closed End		Z	ypes <i>MF and MS)</i> Mutual Fund – Open End
	Unit Investment Trusts	Equity		Y	Mutual Fund – Closed End
	Manau Market Funds	Fixed Income			unds (Types \$\$ and \$S)
	Money Market Funds	General Purpose Government Securities Tax Exempt Securities		A G	Money Market Fund – General Purpose Money Market Fund – Government Securities
	Structured Products Access Transactions Tax Driven Structure			Х	Money Market Fund – Tax Exempt Securities
		Buffered Note		Unit Investment	
		Principal Protected Note		D	Unit Investment Trust – Debt Securities
		Levered Note		E	Unit Investment Trust – Equity Securities
	A	Enhanced Income Note		Annuities (Type /	AN)
	Annuities	Equity Indexed Variable		M N	Annuity – Variable Annuity – Equity Indexed
		Vallable		Structured Produ	
				R	Structured Product – Access Transactions
				S	Structured Product – Tax Driven Structure
				Т	Structured Product – Buffered Note
				U	Structured Product – Principal Protected Note
				V	Structured Product – Levered Note
				W	Structured Product – Enhanced Income Note
					S file formats, NASDAQ OMX will support
					ype fields. The field processing by MFQS
				Event Code will be	e as follows:
				MFQS Event	MFQS Issue MFQS Issue

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MF	New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes			
			Code	Category – Current	Category – New	
			Addition	<blank></blank>	Reflects code for new instrument	
			Deletion	Reflects code for deleted instrument	<blank></blank>	
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument	
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument	
Fund Symbol	The symbol of the fund that is being affected.	MFQS Symbol – Current MFQS Symbol – New	will be as follows:		by MFQS Event Code	
			MFQS Event Code	MFQS Symbol – Current	MFQS Symbol – New	
			Addition	<blank></blank>	Reflects code for new instrument	
			Deletion	Reflects code for deleted instrument	<blank></blank>	
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument	
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument	
Company Name	The name of the issuing company for the fund.	Instrument Name – Current	For the new MFQS file format, NASDAQ OMX includes two Instrument Name fields. The field processing by MFQS Ever			
		Instrument Name – New	Code will be as follow		Sing by IVIFQS Event	
			MFQS Event Code	Instrument Name – Current	Instrument Name – New	
			Addition	<blank></blank>	Reflects code for new instrument	

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes		
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument
Exchange Traded Symbol	The symbol that a closed end fund trades under on the listed	Exchange Symbol For Listed	These fields are pop	ulated only for excha	inge-traded
	exchange	Instruments – Current	instruments (such as	closed end funds ar	nd structured notes).
			For the new MFQS f	ile format, NASDAQ	OMX includes two
	(See next field).	Exchange Symbol For Listed	Exchange Symbol for	r Listed Instruments	fields The field
		Instruments – New	processing by MFQS	Event Code will be	as follows:
			MFQS Event	Exchange	Exchange
			Code	Symbol – Current	Symbol – New
			Addition	<blank></blank>	Reflects code for new instrument
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument
			UIT Replacement		<not applicable=""></not>
Exchange	The exchange that a closed end fund trades. With the	Exchange Code for Listed	These fields are pop	•	•
	introduction of the MFQS online application system, NASDAQ OMX changed this field to use the <u>ISO 10383 Market</u>	Instruments – Current	instruments (such as	closed end funds ar	nd structured notes).
	Identification Codes (MICs).	Exchange Code for Listed	For the new MFQS f	OMX includes two	
		Instruments – New	Exchange Code for Listed Instruments fields. The field		
			processing by MFQS	Event Code will be	as follows:
			MFQS Event Code	Exchange Code – Current	Exchange Code – New
			Addition	<blank></blank>	Reflects code for

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes		
					new instrument
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument
			UIT Replacement		<not applicable=""></not>
New Symbol	The new symbol of the fund experiencing a symbol change.	MFQS Symbol – New	As noted above, NA	SDAQ OMX will supp	ort two MFQS
			symbol fields in the r	new MFQS file formation	t. The field
			processing by MFQS	S Event Code will be	as follows:
			MFQS Event Code	MFQS Symbol – Current	MFQS Symbol – New
			Addition	<blank></blank>	Reflects code for new instrument
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute	Reflects current	Reflects updated
			Change	code for existing instrument	code for existing instrument
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument
New Company Name	The new name of the fund experiencing a name change.	Instrument Name – Current	As noted above, NA	SDAQ OMX will supp	ort two Instrument
			Name fields in the ne	ew MFQS file format.	The field
		Instrument Name – New	processing by MFQS	S Event Code will be	as follows:
			MFQS Event Code	Instrument	Instrument
			Addition	Name – Current <blank></blank>	Name – New Reflects code for
					new instrument
			Deletion	Reflects code for deleted	<blank></blank>
				instrument	Deflecter
			MFQS Attribute Change	Reflects current code for existing	Reflects updated code for existing
			Unungo	oode for existing	oode for existing

Legacy MFQS Daily List on NASDAQ Trader N		New MFQS Daily List on MFQS Website				
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes			
			UIT Replacement	instrument Reflects code for outgoing instrument	instrument Reflects code for new instrument	
CUSIP	The CUSIP number of the Fund undergoing the Name/Symbol Change Only. CUSIP is a unique nine-character alphanumeric code appearing on the face of each stock or bond certificate that is assigned to a security by Standard & Poor's Corporation. CUSIP numbers are the property of the American Bankers Association (ABA) and are administered by Standard	CUSIP – Current CUSIP – New	rrent For the new MFQS file format, NASDAC CUSIP version.		OMX includes two	
	& Poor's.		MFQS Event Code	CUSIP – Current	CUSIP – New	
			Addition	<blank></blank>	Reflects code for new instrument	
			Deletion	Reflects code for deleted instrument	<blank></blank>	
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument	
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument	
Notes for each Entry	Free form text allowing for entry of notes pertaining to the single entry.	Notes for Daily List Record	 attempted to added minimize the need for For Deletions, to Deletion Reason for Merger field For UIT Replace "current" fields 	X will still support a N new fields and process or special processing. he new MFQS file for n, MFQS Symbol for s. ements, NASDAQ OI with the outgoing inst ields with the incomin	ssing logic to For example: mats has explicit Merger and CUSIP MX will populate the rument information	

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes To economize on space, NASDAQ OMX will only support Note for the Day in the closing record.		
Notes for Day	Free form text allowing for entry of notes pertaining to the overall list or entries on a previous day's list.	Note for Day (Closing record only)			
Pricing Agent	The firm responsible for the pricing of the fund.	Pricing Agent – Current Pricing Agent – New	For the new MFQS for Pricing Agent fields. Code will be as follow	The field processing ws:	by MFQS Event
			MFQS Event Code	Pricing Agent – Current	Pricing Agent – New
			Addition	<blank></blank>	Reflects code for new instrument
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument
Dep Date	Date the Unit Investment Trust is deposited. The date format is MM/DD/YYYY	Deposit Date – Current Deposit Date – New	This field has been traditionally only for Unit Investment Tru (UIT) instruments. In the new MFQS file format, NASDAQ OMX supports two Deposit Date fields. The field processin by MFQS Event Code will be as follows:		
			MFQS Event Code	Deposit Date – Current	Deposit Date – New
			Addition	<blank></blank>	Reflects code for new instrument
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes		
Term Date	Date the Unit Investment Trust is scheduled to expire or terminate. The date format is MM/DD/YYYY.	Termination Date – New	This field has been traditionally only for Unit Investment Trust (UIT) instruments. In the new MFQS file format, NASDAQ OMX supports two Termination Date fields. The field processing by MFQS Event Code will be as follows:		
			MFQS Event Code	Termination Date – Current	Termination Date – New
			Addition	<blank></blank>	Reflects code for new instrument
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument
Dist Frequency	The distribution frequency for the Unit Investment Trust. The allowable values were:	Distribution Frequency – Current	This field has been traditionally only for Unit Investment Trust (UIT) instruments. For the new MFQS file format, the allowable values will be:		
	Code Value	Distribution Frequency – New			
	M Monthly		Code	Val	
	Q Quarterly		М	Mon	
	S Semi-Annual		Q	Quar	
	A Annual O Other		S	Semi-A	
	0 Other		A <space></space>	Ann Not ava	
			In the new MFQS file		
			Distribution Frequen		
			Event Code will be a		
			MFQS Event Code	Distribution Frequency – Current	Distribution Frequency – New
			Addition	<blank></blank>	Reflects code for new instrument

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website					
Field Name – Legacy	Description		Field Name(s) – New	Conversion Notes	onversion Notes		
				Deletion	Reflects code for deleted instrument	<blank></blank>	
				MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument	
				UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument	
Dist Type		bution the Unit Investment Trust makes. The	Distribution Frequency –	This field has been to			
	allowable values	were:	Current	(UIT) instruments.	For the new MFQS fil	e format, the	
				allowable values will	be:		
	Code	Value	Distribution Frequency – New				
	С	Cash		Code	Val		
	R	Reinvest		C	Cas		
	W	Wrap		R	Reinv		
	A P	Wrap Cash Wrap Reinvest		W	Wra		
		wrap Reinvest		RC	Reinves		
				RW	Reinves Not ava		
				<space> In the new MFQS file</space>			
				Distribution Frequent Event Code will be a	• •	ocessing by MFQS	
				MFQS Event	Distribution	Distribution	
				Code	Type – Current	Type – New	
				Addition	<blank></blank>	Reflects code for new instrument	
				Deletion	Reflects code for deleted instrument	<blank></blank>	
				MFQS Attribute	Reflects current	Reflects updated	
				Change	code for existing instrument	code for existing instrument	
				UIT Replacement	Reflects code for	Reflects code for	
					outgoing instrument	new instrument	

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website			
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes Similar to the current processing, this field reflects the of corporate action date of the MFQS instrument issuer. T Corporate Action Effective Date may be different than th MFQS Effective Date in the event of a MFQS Attribute C (Name Change) or Deletion event.		
Corporate Action Effective Date	The date on which the daily list event for the fund has reported to have actually taken place. The field is intended to provide the ability to determine when a corporate action took place and not simply when the action was reported to NASDAQ. The date format is MM/DD/YYYY.	Issuer Corporate Action Date			
Fund Family	The name of the group or fund complex to which a particular fund belongs. For unit investment trusts (UITs) the field will contain the name	Issuer Name – Current Issuer Name – New	In the new MFQS file format, NASDAQ ON Distribution Frequency fields. The field pro Event Code will be as follows:		
	of the Sponsor firm.		MFQS Event Code	Distribution Type – Current	Distribution Type – New
			Addition	<blank></blank>	Reflects code for new instrument
			Deletion	Reflects code for deleted instrument	<blank></blank>
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument
			UIT Replacement	Reflects code for outgoing instrument	Reflects code for new instrument
Newspaper Heading	The title under which the fund will appear in print newspapers.	Newspaper Category – Current	This field will be pop Money Market Fund		
		Newspaper Category – New	In the new MFQS file format, NASDAQ OMX supports two Newspaper Category fields. The field processing by MFG Event Code will be as follows:		
			MFQS Event Code	Newspaper Heading – Current	Newspaper Heading – New
			Addition	<blank></blank>	Reflects code for new instrument
			Deletion	Reflects code for deleted	<blank></blank>

Legacy MFQS Daily List on NASDAQ Trader		New MFQS Daily List on MFQS Website				
Field Name – Legacy	Description	Field Name(s) – New	Conversion Notes	5		
			MFQS Attribute Change UIT Replacement	instrument Reflects current code for existing instrument <not applicable=""></not>	Reflects updated code for existing instrument <not applicable=""></not>	
Newspaper Symbol	The set of characters that will be used to denote the fund in print Newspapers.	Newspaper Abbreviation – Current Newspaper Abbreviation – New	Money Market Fund In the new MFQS file Newspaper Abbrevia	This field will be populated for Mutual Fund – News Media Money Market Fund – News Media instruments only. n the new MFQS file format, NASDAQ OMX supports tw Newspaper Abbreviation fields. The field processing by N Event Code will be as follows:		
			MFQS Event Code	Newspaper Abbreviation – Current	Newspaper Abbreviation – New	
			Addition	<blank></blank>	Reflects code for new instrument	
			Deletion	Reflects code for deleted instrument	<blank></blank>	
			MFQS Attribute Change	Reflects current code for existing instrument	Reflects updated code for existing instrument	
			UIT Replacement	<not applicable=""></not>	<not applicable=""></not>	

File Access Options

Manual Download from website:

For the new MFQS Daily List / MFQS Registration Service, firms may manually download or query the files from the new MFQS website. The URL for the new MFQS website is: https://www.nasdaqmfqs.com. Please note that firms must have a valid NWSF security certificate as well as user ID and password to access the new MFQS website. Once logged into the MFQS website, firms should select the top navigation menu item "Downloads" to access the MFQS Daily List page.

		NASDAQ <i>OMX</i>
Home Instruments Valuation Downloa	ds Reports	Type to search for symbol
Monday May 2, 2011 Time: 5:13 p.m., ET Daily List	- dhy	tion Site Open until 8 p.m., ET
Documen	Repository	
Symbol D	rectory	

Automated file retrieval:

Firms may automate the new MFQS Daily List file retrieval process by creating a web service call to pull the file from the MFQS server. NASDAQ OMX includes sample code for such a web service call within the MFQS Daily List / MFQS Registration Service specification document