

SWIFT messages subscription form ISO 20022 Participant/Account Controller – General Meetings

Client Name							• • •										
Client ID*:																	
(* if the subscrip	otion is	for mu	ultiple	Clien	t ID ad	ld add	ditior	nal C	lient	IDs	in a	an a	ttach	nmer	nt)		
Environment:				Bus	siness	Serv	vices	s:									
Production																	
Test [Par	ticipar	nt (CE	<u> </u>										
For communic	ation c	hann	els cl	noose	betwo	een											
1) MQ channel																	
2) Swift.net																	
Then fill inn ap	plicab	le me	ssage	es sul	oscrip	tion											
3) Messages Su	ubscrip	tion															
4) 0																	
1) Commu	nicatio	on cna	annei	•													
MQ queues																	
For communic	ation v	via MC) Eur	onovt	Socur	itios	will	con	tact	tho	clic	nt s	e n	or co	ntac	t do	taile
Contact details		ia ivic	(Lui	JIIGAL	Jecui	ilies	WIII	COII	laci	uic	Ciic	111 6	is pi	51 CC	mac	t uc	lans
Name																	
Email																	
Phone Number.																	
T. b		4					1	1			7						
To be effective f	rom da	iie:															

DDMMYYYY

2) Swift network Communication channel:							
SWIFT fin.plus							
SWIFT vp.services.snf¹ (CPH)							
SWIFT vps.service ² (OSL)							
Address (see formats and examples in technical guide)							
When sending to Euronext Securities:							
Client DN ou= o= o=swift							
AppHdr BICFI							
When receiving from Euronext Securities:							
Client DN³ ou= o= o=swift							
AppHdr BICFI ⁴							
AppHdr BizSvc Service CE							
Contact details:							
Name							
Email							
Phone Number							
To be effective from date: DDMMYYYY							
Note on "Instructing on behalf of"							
A participant may be acting on behalf of another customer or have several roles within the Euronext Securties. In such a case the Network Address (Client DN) will likely remain the same but there is a need to distinguish between the separate instances. This is achieved via use of distinct combinations of AppHdr BICFI.							

¹ If SWIFT communication channel is selected, client has also to join Euronext Securities' Closed User Group on MyStandards website. Participant must then use "vp.services.snf" as service code in the messaging

 $^{^2}$ If SWIFT communication channel is selected, client has also to join Euronext Securities' Closed User Group on MyStandards website. Participant must then use "vps.service" as service code in the messaging

³ DN = Network address of Swift Participant

⁴ BICFI = Customers internal BIC8 or BIC11 reference identifying the business owner of the message

3) Message Subscription

ISO 20022 Events Processing (formats of each message are currently available on SWIFT MyStandards website)

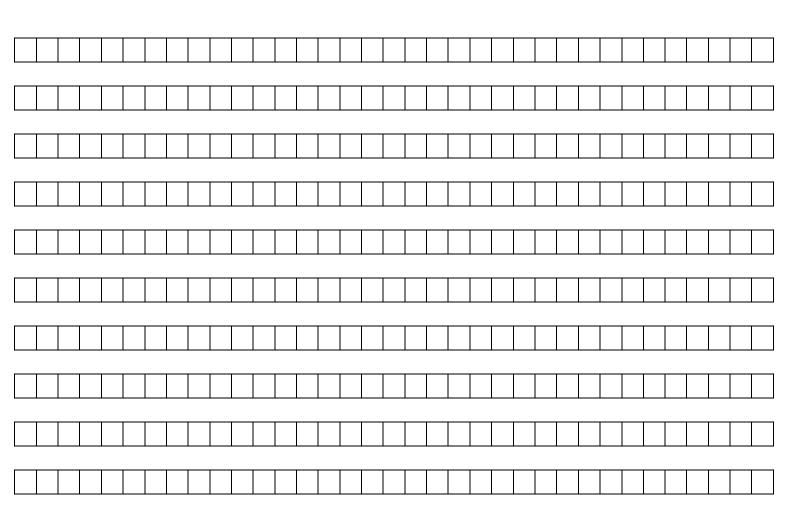
Meeting notification and meeting entitlement

Seev.001 and Seev.002	
Meeting Notification and Canc	ellation Nil Holding
Meeting Notification and Canc Instructions per securities acco	ellation only with Holdings and Pending Settlement ount
Seev.003	
Meeting Entitlement Notification	n
eeting Instruction Manageme	ent, Status Advice, Confirmation and Result dissemination
Euronext Securities will always and the suppropriate Meeting Sta	accept Meeting instructions from participants defined BIC, and rep tus A)
Seev.004 and Seev.006	
Meeting Instruction	<u> </u>
Meeting Instruction Status	
Seev.005 and Seev.006	
Meeting Instruction Cancellation	on Request
Meeting Instruction Cancellation	on Status
Seev.007	
Meeting Vote Execution Confir	mation
Seev.008	
Meeting Result Dissemination	

Securities Accounts applicable

If securities accounts are included in the subscriptions form, the subscriptions are only effective for the specific securities accounts included.

Selected Securities Accounts (please specify the account numbers):



Date						
		DE	MM'	YYY	Y	
Name	 					
Surname	 					
Signature	 					

Euronext ISO20022 messaging general information and examples

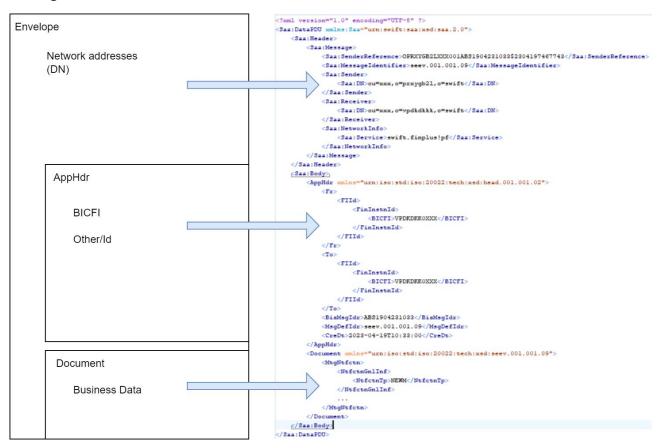
When communicating with Euronext via ISO20022 messages the following rules apply. Examples as seen by participant and using artificial BICs and DNs. Please replace with corresponding values reported to Euronext in the form above.

For messages from Participant to Euronext

Messages sent to Euronext need to be addressed to the relevant Euronext Securities CSD via use of correct DN (Distinguished Name) and transport

Euronext	DN	BICFI
Securities CSD		
Copenhagen	ou=xxx,o=vpdkdkkk,o=swift	VPDKDKKKXXX
Milano	ou=xxx,o=motiitmm,o=swift	MOTIITMMXXX
Oslo	ou=xxx,o=vpsnnokk,o=swift	VPSNNOKKXXX
Porto	ou=xxx,o=iblsptpp,o=swift	IBLSPTPPCUG

Message elements



ISO20022 messages consist of three parts

- A transport wrapper which is dependant on the communication network (SWIFT vs MQ Queues)
 - The transport wrapper contains the network addresses (DN) for the sender and receiver on the network. It also contains the network service code
- An AppHdr which is dependent on the service and market practices

The AppHdr contains the business application routing and ID information (To and from BICFI and OtherID) used to identify the parties within the business applications

A Document

The Document contains the actual business message content

TransportWrapper/Envelope

Depending on the communication channel the following Transportwrappers must be used

Network	TransportWrapper / Envelope
SWIFT	DataPDU V2.0.5
MQ Queue	Transportwrapper V5



Transportwrapper schema:

transportwrapper-v05.xsd

The schema for the SWIFT DataPDU can be found in the SWIFT Alliance Access documentation. Please refer to you SWIFT contact for more information.

Fields to set

Fieldname	Description			
Sender	DN (Network address) of sender institution			
Receiver	DN (Network address) of sender institution			
Message Type Identifier	15 character ISO20022 message type code of			
	Document in the payload			
Sender Reference	50 character unique technical reference of the			
	sender			
Service Code	Network service code (swift.finplus, swift.if.ia,			
	vp.services.snf, vps.services etc.)			

AppHdr

The AppHdr to be used is dependant on the service. Swift.if.ia (FUNDS), swift.finplus or vps.service all use different variants

AppHdr variant	Usage	Schema
head.001.001.02	vp.services.snf, vps.service	head.001.001.02.xsd
head.001.001.02	Swift.finplus	head.001.001.02.xsd

Fields to set

Fieldname	Description		
From BICFI	8 or 11 char BIC of Business Sender		
From OtherID	Optional. Used for internal IDs		
To BICFI	8 or 11 char BIC of Business Receiver		
To OtherID	Optional. Used for internal IDs		
Business Message Identifier	35 char unique Business ID		
Message Definition Identifier	15 char Message type		
Creation Date	Timestamp of message in UTF timezone		

Data communication channel

Please contact the Euronext Securities CSD for details on the communication. All Euronext Securities providers accept messages via SWIFT network. For SWIFT communications, RMA permissions setup may be required.

Direct MQ Queue communication is also supported by select CSDs but requires secure networking setup.

Depending on the channel the correct Transport wrapper must be used.