

Trading Admin

Authorized Trader Management System

(ATMS)

User Guide

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Revision History

Date	Doc Version	Release	Description	Author
May 2021	V2.1	14.025	Removed Date of Birth field from Contact Details and File Upload.	ICE



1 Overview

ICE's Authorized Trader Management System (ATMS) is provided to allow ICE trading entities to register and manage the details of the individuals placing orders on the ICE trading system via FIX User IDs. Information about individuals using the Authorized Trader IDs shall be entered into ATMS, and the Authorized Trader IDs shall be submitted on FIX Orders' Tag 116 Right.

1.1 Terminology Used in this Document

User ID: The login ID assigned to a person or entity assigned by the ICE Helpdesk when a firm or individual has been approved for trading.

Authorized Trader ID: An ID that identifies an individual or Automated Trading System team entering orders on the ICE trading system via a FIX User ID.

Contact: An individual associated with an Authorized Trader ID.

ATS: An Automated Trading System.



2 Logging in to the Authorized Trader Management System

Individuals who are User Administrators for ICE trading companies will have access to the Authorized Trader Management System.

2.1 Logging in via

You may access ATMS via *ICE Identifier Admin* from <u>www.theice.com</u> - Click "Login" in right corner of page and then select *ICE Identifier Admin*

https://www.thelox.com/index.ifogn ental Exchange (4) [Intercontinental Exchange (3)] Intercontinental E	schange (2) 🗌 Intercontinental Exchange 🚺 3	P 🔄 🔒 🕂 🔜 KE CE IM Links (CEspace 😤 (015-3336) K.E. A.	× 🛄 Inn enha	105 SSO Client (9) 🚺 High Level Design Migration G. calculating forward rates fr.
Intercontinental Exchange				× NYSE Contact Weby Login
ICE Markets Clearing Data	Login ICE Connect Apps			<u>a</u> 1
Permian WTI	Trade (WebICE)	Instant Message	Connect	
Magellan East Houston to	Options Analytics	Block	Positions	Click Login and
Discover more	Cscreen			then select ICE
	More Apps			from Login widg
About Us Transforming global markets through information, technology & expertise	ICE Link		∨ Log In	Resources Product Specs Hours
	ICE Swan Trade (Creditor) ICE Identifier Admin OCR			Holiday Hours Expiry Calendar Fees
0	Message Volumes REMIT Reporting			Margins Subscriptions System Alerts IOE Education
	Clear EU Dashboard Clear US Dashboard Trader Dashboard			FUE EXILABILITY

Or click the ATMS link on the credit management page

															3
LICE TRA	DING ADMIN	1								Baro	lays Bank PLC	C (15)	_		
											OTC-Credit	Clearing	Settlemen	ts Option	Risk Help
Credit Settings	by Market Type	Credit Settings b	y Counterparty	Change	Log	Preference	5								
Market Type:	Aromatics/Oxyg	enates 🔻	Bilateral Credit S	ettings:	Both Op	en 🔻									1
Acting as The:	Buyer +		Sett	lement: F	hysical										
Their Bilateral	Counte	rparty	Contact	Max E Days	nd Date	My Bilateral	Арр	Prepay	rc	DL On	Daily Limit (DL)	Remaining DL	DL Alert Threshold	Open Credit Count	Legal Name O

2.2 User will be prompted to enter user ID and password and then will be navigated to the ICE Identifier Admin site

it	
ICe' NYSE'	2FA/Passcode Help
SSO Login	
User ID	
Password	
Login	
Change or Forgot Password	
©2018 Intercontinental Exchange Terms & Conditions of Use Privacy Policy 3.	18.12

To access ATMS click on the ATMS tab on top left

ICe

Users Aut	horized Trader ID	s File Upload	Search						
Filter	\otimes	Show Webl	CE Users						
User Id	Last Name	First Name	Mobile	Screen Access	Phone	Email	Country	Shared	Authorized
aluser1	AI	Moore	N	WEBICE	7998881111	jsmith@testcom	Great Britain	N.A.	
doe1-fx	John	Doe	N	FIX		john.doe@testco	Great Britain		[1]
jdoe2	Jane	Doe	N	WEBICE			Great Britain	N.A.	
doe3-fx	Jim	Smith	v	FIX			Great Britain		[2]
trader-fx1	Jack	Johnson	N	FIX		jjohnson@testco	Great Britain		[0]
tsmith	Trevor	Smith	N	WEBICE			Great Britain	N.A.	
tsmith123	Tanya	Smith	N	WEBICE			Great Britain	N.A.	
tthomas	Tom	Thomas	v	WEBICE			Great Britain	N.A.	
wsmith	Walter	Smith	N	WEBICE			Great Britain	N.A.	
wwang	William	Wang	v	WEBICE			Great Britain	N.A.	

2.3 ATMS Main screen

At the top-right-hand side of the ATMS main screen, your user name and a drop-down list of all companies for which you are an administrator will appear, sorted alphabetically.

MIFID A	TMS File H	elp				🚨 aus	ser1 ABC	Company (41214) 👻
Users A	uthorized Trader ID	s File Upload	Search						
Filter	8	Show Webl	CE Users						
User Id	Last Name	First Name	Mobile	Screen Access	Phone	Email	Country	Shared	Authorized
aluser1	AI	Moore	N	WEBICE	7998881111	jsmith@testcom	Great Britain	N.A.	
doe1-fx	John	Doe	N	FIX		john.doe@testco	Great Britain		[1]
doe2	Jane	Doe	N	WEBICE			Great Britain	N.A.	
doe3-fx	Jim	Smith	v	FIX			Great Britain		[2]
trader-fx1	Jack	Johnson	N	FIX		jjohnson@testco	Great Britain		[0]
smith	Trevor	Smith	N	WEBICE			Great Britain	N.A.	
smith123	Tanya	Smith	N	WEBICE			Great Britain	N.A.	
thomas	Tom	Thomas	v	WEBICE			Great Britain	N.A.	
wsmith	Walter	Smith	N	WEBICE			Great Britain	N.A.	
wwang	William	Wang	v	WEBICE			Great Britain	N.A.	

3 Viewing User IDs

ICe

The default view for ATMS is the Users tab.

Users Aut	horized Trader ID	s File Upload	Search						
Filter	8	Show Webl	CE Users						
User Id	Last Name	First Name	Mobile	Screen Access	Phone	Email	Country	Shared	Authorized
aluser1	AI	Moore	N	WEBICE	7998881111	jsmith@testcom	Great Britain	N.A.	
doe1-fx	John	Doe	N	FIX		john.doe@testco	Great Britain		[1]
doe2	Jane	Doe	N	WEBICE			Great Britain	N.A.	
doe3-fx	Jim	Smith	v	FIX			Great Britain		[2]
trader-fx1	Jack	Johnson	N	FIX		jjohnson@testco	Great Britain		[0]
tsmith	Trevor	Smith	N	WEBICE			Great Britain	N.A.	
tsmith123	Tanya	Smith	N	WEBICE			Great Britain	N.A.	
thomas	Tom	Thomas	v	WEBICE			Great Britain	N.A.	
wsmith	Walter	Smith	N	WEBICE			Great Britain	N.A.	
wwang	William	Wang	v	WEBICE			Great Britain	N.A.	

The User IDs displayed on the left-hand side of the screen are those with trading privileges at the selected company, listed alphabetically by User ID. The columns in this display can be reordered by left-clicking on the column headers and dragging them to a different location on the screen.

Please note that ATMS provides an interface for assigning Authorized Trader IDs to FIX User IDs and editing the details about the individuals associated with the Authorized Trader IDs. The details about User IDs themselves are not editable in ATMS. Please contact the ICE Helpdesk at +1 770 738 2101 (US), or +44 (0) 20 7488 5100 (UK) to update User ID information.



3.1 User ID Status

User IDs listed in red are FIX User IDs that have no Authorized Trader IDs registered to them. In addition the number of authorized Trader IDs registered to them is displayed Please see <u>Adding an Authorized</u> <u>Trader ID to a User ID</u> for details on creating Authorized Trader IDs.

Users Aut	horized Trader ID	s File Upload	Search						
Filter	8	Show Webl	CE Users						
LUser Id	Last Name	First Name	Mobile	Screen Access	Phone	Email	Country	Shared	Authorized
aluser1	AI	Moore	N	WEBICE	7998881111	jsmith@testcom	Great Britain	N.A.	
jdoe1-fx	John	Doe	N	FIX		john.doe@testco	Great Britain		[1]
jdoe2	Jane	Doe	N	WEBICE			Great Britain	N.A.	
idoe3-fx	Jim	Smith	v	FIX			Great Britain		[2]
trader-fx1	Jack	Johnson	N	FIX		jjohnson@testco	Great Britain		[0]
tsmith	Trevor	Smith	N	WEBICE			Great Britain	N.A.	
tsmith123	Tanya	Smith	N	WEBICE			Great Britain	N.A.	
tthomas	Tom	Thomas	v	WEBICE			Great Britain	N.A.	
wsmith	Walter	Smith	N	WEBICE			Great Britain	N.A.	
wwang	William	Wang	v	WEBICE			Great Britain	N.A.	

3.2 Hiding WebICE User IDs

By default, all User IDs with permissions at the company will be displayed, regardless of their access type (WebICE or FIX). Only FIX-enabled User IDs will have corresponding Authorized Trader IDs. To hide WebICE-only User IDs, uncheck *Show WebICE Users*.

Users	Authorized	Trader IDs F	le Upload	Search						
Filter		8	Show Weblo	E Users						
User l	d Last	t Name Fil	st Name	Mobile	Screen Access	Phone	Email	Country	Shared	Authorized.
luser1	AJ	Moo	re	N	WEBICE	7998881111	jsmith@testcom	Great Britain	N.A.	
loe1-fx	John	Doe	1.	N	FD		john.doe@testc	Great Britain	8	[1]
doe2	Jane	Doe		N	WEBICE			Great Britain	N.A.	
doe3-fx	Jim	Smit	h	v	FIX			Great Britain		[2]
ader-fx1	Jack	John	son	N	FIX		jjohnson@testco	Great Britain		[0]
smith smith123 thomas smith	A			v bad Se			L au	ser1 ABC C	ompany (4	1214) - C
wang	L User Id	Last Name	First Na	me Mo	bile Screen Acces	s Phone	Email	Country	Shared	Authorized
	jdoe1-fx	John	Doe	N	FIX		john.doe@testco	Great Britain		[1]
	jdoe3-fx	Jim	Smith	N	FIX			Great Britain		[2]
	trader-fx1	Jack	Johnson	N	FIX			Great Britain		[0]

3.3 Shared User IDs

The *Shared* field indicates whether a FIX User ID is used by more than one individual or Authorized Trader. Update the shared flag by clicking on the check box on the user row.

MIFID AT	MS File He	lp				Letu	iningal Barcl	ays Bank PLC	(15)	-
Users Aut	thorized Trader IDs	File Upload	Search							
Filter	8	Show WebIC	E Users							
↓ User Id	Last Name	First Name	Mobile	Screen Access	Phone	Email	Country	Shared	Authorized	
barbroad-fx	NO LAST NAME!	NO FIRST NAME!	N	FIX			Great Britain		[1]	
barcion-fx	NO LAST NAME!	NO FIRST NAME!	N	FIX			Great Britain		[1]	
barcion-fx1	NO LAST NAME!	NO FIRST NAME!	N	FIX			Great Britain		<u>[0]</u>	

4 Viewing Authorized Trader IDs and Contacts

4.1 Viewing Authorized Trader IDs assigned to Users

To view the Authorized Trader ID or IDs associated with a User ID, click on that User ID. The corresponding authorized trader IDs will be displayed for the user.

ICE Identifier A	Admin											<u>- 0 ×</u>
MIFID ATM	IS File He	lp						_	etuininga1 Bar	clays Bank PLC	(15)	- S
Users Auth	orized Trader IDs	File Upload	Search									
Filter	⊗ [Show WebIC	E Users		barcion-fx Filt	er	Here	w Authorized Trad	er Expan	d		
↓ User Id	Last Name	First Name	Mobile	Screen A	1 I Authorize	↓ First	Last	Phone	Email	Associated	ATS	Ac
barbroad-fx	NO LAST NAME!	NO FIRST NAME!	N	FIX	bbb(1)	D	Z	1112228888	dzorn@test.com	barcion-fx		
barcion-fx	NO LAST NAME!	NO FIRST NAME!	N	FIX								
barcion-fx1	NO LAST NAME!	NO FIRST NAME!	N	FIX								

The Authorized Trader IDs' Contacts' details will also display in this view. You may rearrange the columns displayed here by clicking and holding down the left mouse button, then dragging and dropping them to a new location

4.2 Viewing all Authorized Trader IDs

To view a list of all Authorized Traders assigned to the Company, click on the Authorized Trader IDs tab.



www.theice.com

ICE Identifier Adı	nin								
MIFID ATMS	File Help	3				Letuininga1	Barclays Bank	PLC (15)	- C
Users Author	ized Trader IDs	File Upload	Search						
Filter	8	New Authorized	Frader Ex	pand 🛛 💆 Export					
1 I Authorize	2↓ First	Last	Phone	Email	Associated	ATS	Active		
Inactive Conta									
 abc(1) 	D	Dz	2223331111	dzorn@test.com	<u>barbroad-fx</u>		v		
bbb(1)	D	Z	1112228888	dzorn@test.com	barcion-fx		v		
novemberelev	к	Novembereleven	7709999999	karim.shariff@the	<u>barbroad-fx</u>				
suarez(1)	D	Suarez	7709999999	karim.shariff@the	barcion-fx1				
							1		

All Authorized Trader IDs belonging to the Company will be displayed here. In addition, some of the Authorized Trader IDs' Contacts' details will also display in this view. The list of User IDs to which the Authorized Trader ID is assigned is listed in the *Associated Users* column. You may rearrange the columns displayed here by clicking and holding down the left mouse button, then dragging and dropping them to a new location.

4.3 Emailing Authorized Trader Contacts

Clicking on an email address in the Authorized Trader List within both the Users tab and the Authorized Trader IDs tab will launch your default email client application.

Users Auti	horized Trader IDs File Up	load Search						
Filter	8	barbroad-fx	Filter	8 +	New Authorized	Frader Expan	nd	
Show Web	ICE Users	Authorized T	First	Last	Phone	Email	Associated	ATS
User Id		• • abc(1)	D	Dz	2223331111	mmurphy@testco	parbroad-fx	
barbroad-fx	NO LAST NAME! NO FIRST	N novemberelev.	David	Brooks	1112223333	david.brooks@te:	parbroad-fx	
barcion-fx	NO LAST NAME! NO FIRST	~					10	
	Paste J HZ - A - Clipboard 1/2	三 ← 三 ← 译 副 書 画 例 Basic Text	Names T	Signature * 🦊 Lo	w Importance	Start Inking Ink		

4.4 Viewing Contacts for Automated Trading Systems (ATSs)

Authorized Trader IDs that are used by Automated Trading Systems (ATSs) are marked with a checkbox in the *ATS* column.

An ATS Authorized Trader ID may have more than one Contact associated with it, indicating that a team of individuals is responsible for its operation. The Contact viewable by default on an ATS Authorized Trader ID is its Primary Contact. To view all contacts registered to an ATS Authorized Trader ID, toggle the ID by clicking the arrow next to the Authorized Trader ID. All the ATS Contacts will be displayed; the Primary Contact will be shown in blue text.

MIFID AT	MS File He	lp						Letuininga1	Barclays Bank	PLC (15)	*
Users Aut	thorized Trader IDs	File Uploa	ad Search								
Filter	8		barbroad-fx	Filter	8	+New Authorized	Trader Expa	nd			
Show We	bICE Users		1 I Authorize	1 First	Last	Phone	Email	Associated	ATS	Active	
🖡 User Id	Last Name	First Name	abc(1)	D	Dz	2223331111	mmurphy@testco	barbroad-fx			
almore	NO LAST NAME!	NO FIRST NAI	 novemberele 					Darbroad-tx	₹	1	1
barbroad-fx	NO LAST NAME!	NO FIRST NAI	1	David	Brooks	1112223333	david.brooks@te			×	
barcaps	NO LAST NAME!	NO FIRST NAI		D	Z	1112228888	njones@testcom				
barcion-fx	NO LAST NAME!	NO FIRST NAI									
barcion-fx1	NO LAST NAME!										
cchang3	NO LAST NAME!	NO FIRST NAI									
cchong7	NO LAST NAME!	NO FIRST NAI									
compid1954	NO LAST NAME!	NO FIRST NAI									
dadent	NO LAST NAME!										
etuininga1	NO LAST NAME!	NO FIRST NAI	1								
jwr-xtp	NO LAST NAME!										
	NO LAST NAME!	NO FIRST NAI	1								
jwright3-ph	NO LAST NAME!	NO FIRST NA	1								
	no prorito me										
mleone	15 NO LAST NAME!	NO FIRST NAI									
mleone											

4.5 Viewing All Contacts assigned to Authorized Traders

To view all contacts assigned to Authorized Traders, check *Expand All* in either the *Users* or *Authorized Trader IDs* tab. On the *Users* tab, this will display all Authorized Trader contacts (including secondary contacts for Automated Trading Systems) assigned to the selected user.

MIFID ATMS	File He	lp					Letuininga1	Barclays Bank PLC	(15)	• C
Users Autho	orized Trader IDs	File Upload	Search							
Filter	8	Show WeblC	E Users		barbroad-fx	Filter	8	+New Authorized Tra	ader Ex	pand
↓ User Id	Last Name	First Name	Mobile	Screen Acce	Authorized T	First	Last	Email	Phone	Ass
almore	NO LAST NAME!	NO FIRST NAME!	V	WEBICE	▼ abc(1)					bar
barbroad-fx	NO LAST NAME!	NO FIRST NAME!	N	FIX		D	Dz	mmurphy@testco	2223331111	
barcaps	NO LAST NAME!	NO FIRST NAME!	N	WEBICE	 novemberele 					bar
barcion-fx	NO LAST NAME!	NO FIRST NAME!	N	FIX		David	Brooks	david.brooks@te	1112223333	
barcion-fx1	NO LAST NAME!	NO FIRST NAME!	N	FIX		D	Z	njones@testcom	1112228888	
cchang3	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
cchong7	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
compid1954	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
dadent	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
etuininga1	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
wr-xtp	NO LAST NAME!	NO FIRST NAME!	V	WEBICE						
wright3-ph	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
mleone	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
platts_system_15	NO LAST NAME!	NO FIRST NAME!	N	WEBICE						
rbuang	NO LAST NAME!	NO FIRST NAME!	V	WEBICE						
rbuang2	buang	robert	N	WEBICE						
4					4					

On the Authorized Trader IDs tab, this will display all contacts assigned to all Authorized Trader IDs registered to the company.

ICe

Users Author Filter	rized Trader IDs	File Upload	Search	xpand AExport				
Authorize	2 First	Last	Phone	Email	Associated	ATS	Active	
 abc(1) 					barbroad-fx			
	D	Dz	2223331111	mmurphy@testco.com			1	
 bbb(1) 		-			barcion-fx			
	D	Z	1112228888	njones@testcompany.com			*	
 novemberele 					barbroad-fx			
	David	Brooks	1112223333	david.brooks@testcompany.com	c		×	
	D	Z	1112228888	njones@testcompany.com				
 suarez(1) 					barcion-fx1			
	John	Smith	7709999999	jsmith@testcompany.com			×	
 suarez(1) 					barcion-fx1			
	John	Smith	7709999999	jsmith@testcompany.com			×	
' suarez(1)					barcion-fx1			

4.6 Viewing Contact Details

ICe

To open a view-only window containing all details of a given Contact, from the Users or the Authorized Trader IDs tab, click on an Authorized Trader ID.

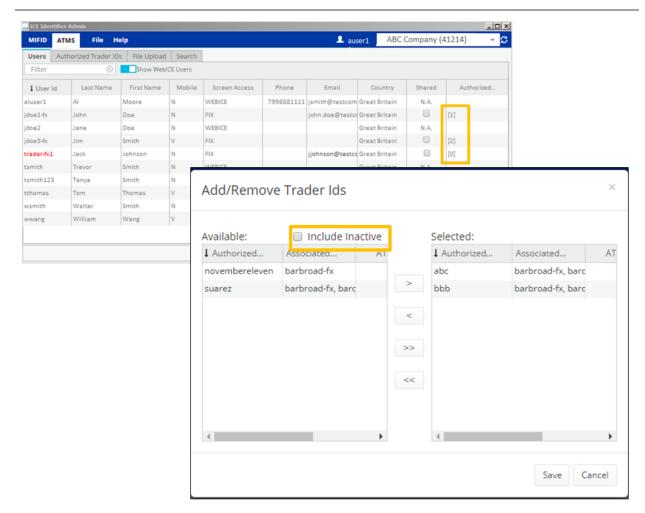
	Trader Users		_			
Authorized	Trader ID 🤇	abc	>			
Available:	🔲 Includ	e Inactive		Selected:		+Contact
1 First	Last	Pho		1 First	Last	Pho
D	2	11122		D	Dz	22233
David	Brooks	11122	>			
David	Brooks	11122	<			
John	Smith	77099				
к	Novemberel	even 77099	>>			
<						
4		,		•		,
Primary Con	itact: Dz,D mn	nurphy@testc	o.com	2223331111		~
Creation Tin	ne	10-05-2	018 13	:46:30		
Modification	Time	11-01-2	018 19	:51:37		
	User	auser	1			

Ke ICE Identifie	er Admin						
MIFID AT	TMS File H			tuiningal Bar			× 4
Users Au	thorized Trader II	Contact			×		
1 User Id		Employing Company	test company 123	~			
almore	NO LAST NAME		test company 125				Phone
	NO LAST NAME	First Name	D			<u>Dtestcom</u> 11	122288
	NO LAST NAME						
	NO LAST NAME	Middle Initial	z				
	NO LAST NAME						
	NO LAST NAME	Last Name	Dz				
	NO LAST NAME	Phone Number			_		
	NO LAST NAME	Phone Number	2223331111				
	NO LAST NAME	Phone Number Alternate					
	NO LAST NAME						
	NO LAST NAME	Email	mmurphy@testco.com				
	NO LAST NAME						
	15 NO LAST NAME	Country	United States		٣		
	NO LAST NAME				_		
	buang						
		Role	Head Trader				
		Nfa Id			_		
		INTA IO					
		Creation Time	10-05-2018 13:43:26				
		Modification Time	11-01-2018 18:45:00				
		Updated By User	auser1				
				Save Can	cel		

From there, double click the Contact to open the Contact window.

5 Adding an Authorized Trader ID to a User ID

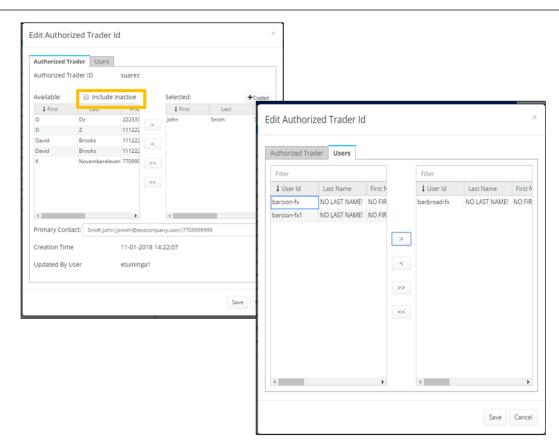
To add an Authorized Trader ID to a User ID, click on the authorized trader count on the user row. The Add/Remove Trader IDs will be displayed. Authorized traders can be assigned/removed from the user ID using the arrows. Checking *Include Inactive* will also display those Authorized Trader IDs that are not currently assigned to any User IDs.



5.1 Assigning Existing Authorized Trader IDs to a User ID

You may assign an existing Authorized Trader ID (and with it, all of its contacts) to a User ID (s) by selecting the Authorized Trader ID and then click on the Users tab and assign to a user or multiple users by using the arrows

ICe



5.2 Creating a New Authorized Trader ID

ICe

To create a new Authorized Trader ID click on the user and then click on the new authorized trader button. The new authorized trader pop-up window will be displayed.

	MS File I	Help					1 a	user1	ABC Com	ipany (41214	.) 📼	S
Users Au	thorized Trader II	Ds File Uploa	d Search								_	
Filter		Show We	bICE Users			jdoe1-fx	ter		+New A	uthorized Trader	Expa	nd
User Id	Last Name	First Name	Mobile	Screen Access		Authorized T	First	La		Email	Phone	
luser1	AI	Moore	N	WEBICE	7	bbb(1)	D	Z	ni	ones@testcomj 1	112228888	
doe1-fx	John	Doe	N	FIX								
doe2	Jane	Doe	N	WEBICE								
loe3-fx	Jim	Smith	v	FIX								
ader-fx1	Jack	Johnson	N	FIX								
mith	Trevor	Smith	N	WEBICE								
mith123	Tanya	Smith	N	WEBICE								
nomas	Tom	Thomas	v	WEBICE								
smith	Walter	Smith	N	WEBICE								
vang	William	Wang	v	WEBICE								
					*	4						

Enter the Authorized Trader ID and then select an existing contact or create a new contact - A contact must be selected to save the new Authorized trader ID

Authorized Trader IDs may be comprised of up to 20 alphanumeric characters. Special characters are permitted, but spaces are not.

	Trader ID ated Trading System					
Available:	Include Inc	active		Selected:		+Contact
1 First	Last	Pho		1 First	Last	Pho
D	Dz	222333	>	John	Smith	77099
D	Z	111222				
David	Brooks	111222	<			
David	Brooks	111222				
К	Novembereleven	770999	>>			
			<<			
4		Þ		4		•
Primary Con	tact: SmithJohn js	mith@te:	stcompar	y.com 770999	9999	~



6 Adding a Contact to an Authorized Trader ID

When a new Authorized Trader ID is created, a primary contact must be associated with it prior to saving. To add a contact to the Authorized Trader ID click on the Authorized Trader and the Edit Authorized Trader ID will be displayed.

Edit Authoi	rized Trader	ld				×
Authorized 1 Authorized 1		abc				
Available:				Selected:		+Contact
1 First	Last	Pho		1 First	Last	Pho
D	2	11122		D	Dz	222333
David	Brooks	11122	>			
David	Brooks	11122	<			
John	Smith	77099	-			
к	Novemberele	even 77099	>>			
			<<			
(_	•		4		,
Primary Con	tact: Dz,D mm	urphy©testo	o.com 2	223331111		~
Creation Tim	ne	10-05-2	018 13:4	46:30		
Modification	Time	11-01-2	018 19:	51:37		
Updated By	User	auser	1 -			
					Sav	e Cancel

6.1 Assigning an existing Contact to an Authorized Trader ID

The list of existing Contacts within a company will be displayed in the *Contacts* list on the left-hand side of the *Assign or Create Contacts* window. Checking *Include Inactive* will also display Contacts that are not currently assigned to any Authorized Trader IDs.

To assign an existing Contact to the Authorized Trader ID by highlight contact it and then clicking the -> button(s).

6.2 Assigning a New Contact to an Authorized Trader ID

You may create a new Contact by clicking +Contact in the Edit Authorized Trader ID window.

uthorized 1	Trader Users	1					
uthorized T		bbb					
duronizes .	induct to	000					
vailable:	🔲 Include	Inactive	Selected:		+ Contact		
1 First	Last	Pho	1 First	La	ast 710		
)	Dz	222333	D	Z	111222		
avid	Brooks	111222	>				
avid	Brooks	111222	<		Contact		
hn	Smith	770999					
	Novemberele	ven 770999	>>		Employing Company	Barclays Bank PLC	~
		-	<<		First Name		
	_	•	4	_	Middle Initial		
	itact: Z,D njone		.com 1112228888		Last Name		
reation Tim	ne	10-05-2018	3 14:03:39		Phone Number		
lodification	1 Time	10-05-2018	3 14:07:11		Phone Number Alternate		
					Phone Number Alternate		
pdated By	User	etuininga1			Email		
					Country	United States	
						United States	
					Role	Head Trader	
						head trader	
					Nfa Id		

Fill out each field – specific requirements for each field may be specified in exchange rules or other exchange communications:

Employing Company: The individual's Employer. See the next section of this document for further details.

First Name: The individual's first name.

ICe

- Middle Initial: The individual's middle initial.
- Last Name: The individual's last name.
- **Phone:** The individual's business phone number. Please include the country code for countries outside the US and Canada.

Alternate Phone: An alternate phone for contacting the individual. Please include the country code for countries outside the US and Canada.

- **Email:** The individuals' business email address.
- **Country:** The country in which the individual will be trading.
- **Role:** The individual's Role. Valid values include Head Trader, Trader, Trade Monitor, Risk Monitor, Technical/Programmer, and Other.
- **NFA ID:** The individual's National Futures Association ID, if any.



6.3 Modifying a Contact's Employing Company

If a Contact is not employed by the associated User ID's company, you may either assign one of the other companies for which you are a User Administrator (if appropriate), or create a new Company. You will not be able to save a contact until it has been assigned a valid Employing Company.

To select from the list of other companies already created and available for assignment in the system, delete the text in the Company field and start typing in the name of a Company for which you would like to search. Select from the dropdown that will appear.

Contact		×
Employing Company	ice	×
First Name	Choose Company from List ABC Company	
Middle Initial	ICE	-
Last Name		
Phone Number		
Phone Number Alternate		
Email		
Country	United States	•
Role	Head Trader	٣
Nfa Id		
	Save	Cancel

To create a new Company, type in the Company Name you would like to create, and click "...". The *Edit Employing Company* window will open.

Edit Employing Com	pany	×
Name	ice	
Address1	888	
Address2		
City	Decatur	
State		
Postal Code		
Country	United States	Ŧ
Creation Time	11-01-2018 14:22:07	
Modification Time	11-01-2018 14:22:07	
Updated By User	auser1	
		Save Cancel



Fill out the Company's information, including: Address 1, Address 2, City, State, Postal Code, and Country. The first address line, city and country are required fields.

For self-employed individuals, please enter the individual's name in the Company field, and complete the additional information on the Add Employing Company screen appropriately.

After this information has been completed, click Save.

7 Editing an Existing Contact's Details

There are two ways to access the *Edit Contact* screen, each from within the *Users* or *Authorized Trader IDs* tab.

The first method is to click on an Authorized Trader ID. The *Assign or Create Contacts* window will open. You can then view and edit the contact details by selecting the Edit Contact icon to the left of an assigned contact's name.

Authorized T	rader Users						
Authorized T	rader ID	bbb					
Available:	🔲 Includ	e Inactive	Selected:		+Contact		
1 First	Last	Pho	1 First				
D	Dz	222333	D	Z	Contact		
David	Brooks	111222			Employing Company		
David	Brooks	11122			Employing company	ice	× -
lohn K	Smith	770995		->	First Name	David	
N	Novemberei	even 770995 >>			Middle Initial		
	Т	o edit c	ontact		Last Name	Brooks	
	d	ouble c	lick on		Phone Number	1112223334	
4		ontact			Phone Number Alternate		
Primary Con	tact: Z,D	ontact			Email		
Creation Tim	e	10-05-2018	14:03:39		Email	dbrooks@testcompany.com	
Modification	Time	10-05-2018	14:07:11		Country	United States	
Updated By	User	auser1					
					Role	Head Trader	
					Nfa Id		
					Creation Time	11-01-2018 16:40:53	
					Modification Time	11-01-2018 16:40:53	
					Updated By User	etuininga1	

Alternately, toggle the Authorized Trader ID's contact list by clicking the arrow to the left of the Authorized Trader ID. Then click on the contact.

ICE Identifier Ad	min							-02
MIFID ATMS	File Help				💄 auser1	ABC C	ompany (41214)	- 3
Users Autho	rized Trader IDs	File Upload	Search					
Filter	• +	New Authorized	Trader	xpand AExport				
1 Authorize	2 First	Last	Phone	Email	Associated	ATS	Active	
▼ abc(1)					barbroad-fx			
	D	Dz	2223331111	mmurphy@testco.com			~	
▼ bbb(1)					barcion-fx			
	D	Z	1112228888	njones@testcompany.com			×	
 novemberele 					barbroad-fx	1		
	David	Brooks	1112223333	david.brooks@testcompany.com			~	
	-							



Update the fields that you would like to change, then click Save.

Note that Exchange Rules may dictate what information may be changed on a Contact; for example, updating a Contact's phone number or email address is acceptable, but if the actual individual represented by the contact is changing, then creating a new Authorized Trader ID is normally required.

8 Creating an ATS Authorized Trader ID

8.1 Designating an Authorized Trader ID as an ATS

To create an ATS Authorized Trader ID, first check the *Automated Trading System* check box when creating the Authorized Trader ID.

			_	at123	'rader ID	Authorized '
			_			
				ystem	ated Trading S	🕑 Is Autom
+Conta		Selected:		le Inactive	🔲 Inclu	Available:
st P	Last	1 First		Pho	Last	1 First
				222333	Dz	D
			>	111222	Z	D
			<	111222	Brooks	David
				111222	Brooks	David
Show	No Rows To Show		>>	770999	Smith	John
				leven 77099§	Novembere	К
			<<			
		•		•		•
					tact: Type to	Primary Cor
	No Rows To S	4		111222 770999 leven 770999	Brooks Smith	David John K

Alternately, you may check the ATS box in the Authorized Trader ID list view:

Real ICE Identifier Ad	Imin							_ D ×
MIFID ATMS	File He	lp			💄 auser1	ABC C	ompany (41214)	~ <mark>C</mark>
Users Author	rized Trader ID	s File Uploa	ad Search					
Filter		+New Authori	zed Trader	Expand ZExport				
1 I Authorize	2 First	Last	Phone	Email 📃	Associated	ATS	Active	
Inactive Conta								
abc(1)	D	Dz	2223331111	mmurphy@testco.com				
bbb(1)	D	Z	1112228888	njones@testcompany.com				
novemberelev	David	Brooks	1112223333	david.brooks@testcompany.com	5			
suarez(1)	John	Smith	7709999999	jsmith@testcompany.com		8		

8.2 Assigning ATS Contacts and Primary Contact

After marking the Authorized Trader ID as an ATS, create and/or assign one Contact for each member of the ATS team. This can be accomplished in the same manner as adding Contacts to non-ATS Authorized Trader IDs. Multiple Contacts may be assigned at once by holding down the *Ctrl* key while highlighting Contacts in the *Assign or Create Contacts* window. The first Contact you add to the ATS Authorized Trader ID will be designated as its Primary Contact by default. If another individual is to serve as the Primary Contact, please select the appropriate person from the Primary Contact drop-down.

Edit Author	ized Trade	r Id				×
Authorized Tr Authorized Tr		abc	>			
Available:	Includ	le Inactive		Selected:		+Contact
I First	Last	Pho		1 First	Last	Pho
David David John K	Z Brooks Brooks Smith Novemberel		> < >> «	D	Dz	222333
Primary Cont	act: Dz,D mn	• nurphy@test	:0.com 2	4	_	•
Creation Time	e	10-05-2	018 13:	46:30		
Modification	Time	11-01-2	018 19:	51:37		
Updated By U	Jser	auser	1			
					Sa	ve Cancel

9 Removing an Authorized Trader ID from a User ID

To remove an Authorized Trader ID from a User ID, click the red X to the right-hand side of the Authorized Trader ID.

Available:	🔲 Include Inad	tive		Selected:		
Authorized	Associated	AT		Authorized	Associated	A
bbb	barbroad-fx, barc			abc	barbroad-fx, barc	
			>	novembereleven	barbroad-fx	
				suarez	barbroad-fx, barc	
			<			
			>>			
			<<			
4		•		4		

The system will warn you when making this choice to avoid inadvertent deactivation of Authorized Trader IDs.

10 Deactivating an Authorized trader ID

To completely deactivate an Authorized Trader ID, that is, remove it from its associations with ALL its User IDs; uncheck the *Active* box when viewing that Authorized Trader ID from one of its User IDs.



	Filter	8 1	New Authorized Trad	er Expa	nd		
Authorized T	First	Last	Email	Phone		ATS	Active
abc(1)	D	Dz	mmurphy@testco	2223331111	barc		
bbb(1)	D	Z	njones@testcom	1112228888	barc		

The system will warn you when making this choice to avoid inadvertent deactivation of Authorized Trader IDs.

Confirm Deactivation	×
Deactivate Authorized Trader Id abc and remove from all users?	
	OK Cancel

11 Removing a Contact from an Authorized Trader ID

To remove a Contact from an Authorized Trader ID, click on the Authorized Trader ID to open the Assign or Create Contacts window. In the Assigned Contacts pane, highlight the Contact you would like to remove, and click the <- button.

dit Authoriz	ed Trader lo	b				×	
Authorized Tra	ider Users						
Authorized Tra	ider ID	abc					
Available:	🔲 Include I	nactive		Selected:		+Contact	
1 First	Last	Pho		1 First	Last	Pho	
D	z	111222		¢	Dz	222333	
David	Brooks	111222	>		Brooks	11122	
John	Smith	770999	<				
к	Novembereleve	n 770999					
			~~				
€		÷		4		•	
Primary Conta	ct: Dz,D mmur	phy@testc	o.com 22	23331111		~	
Creation Time		10-05-2	018 13:4	6:30			
Modification T	ime	11-01-2018 19:51:37					
Updated By Us	er	auser	1				
					Sav	e Cancel	

Alternately, Contacts belonging to ATS Authorized Trader IDs may be removed by clicking the red X to the far left of the contact details in the Authorized Trader ID list.

Note that the ATS Primary Contact may **not** be removed using this method; a new Primary Contact must be assigned in the *Add or Create Contacts* window before a Primary Contact can be removed.

12 Searching User IDs, Authorized Trader IDs, and Contacts

12.1 Searching User ID Information

To search User ID details, click on the search tab and then enter the search criteria and click the Search button

MIFID A	ATMS File	Help					👤 auser1	ABC Company (41214)	- 3
MIPID ,		neip					auser1	Abe company (41214)	~
Users Aut	thorized Trader I	Ds File Upload	Search						
david				Search					
Auth Trac	der Id 回 (ATS	Only) 🗌 User 🗷	Contact Name						Contacts
Last	1 First	Authorized	Company	Phone	Email	Active			
Brooks	David	abc	1 - 1 - 1 -	1112223334	dbrooks@testcor	~			

The user list will be filtered dynamically as you type; displaying matches in the User ID, First Name, Last Name, Phone, email, and Access Type (FIX or WebICE) fields.

Click the x icon in search box to reset the search

Ke ICE Ide	ntifier Admin	i.								- 🗆 ×
MIFID	ATMS	File	Help					💄 auser1	ABC Company (41214)	- C
Users	Authorized Tr	ader IDs	File Upload	Search						
david				0	Search					
Auth *	Trader Id 🗍	(ATS Onl	y) 🗐 User 🗹	Contact Name	-					Contacts
Last	1 Fi	rst	Authorized	Company	Phone	Email	Active			
Brooks	David		abc		1112223334	dbrooks@testcor	~			

12.2 Searching Authorized Trader ID and Contact Information

To search Authorized Trader ID and Contact details, type a search string into the Search table... box. Results can be displayed by type by clicking on the corresponding tab

Users Authoriz	ed Trader IDs File Uple	oad Search							
d		(Search						
Auth Trader Ic	d 🔲 (ATS Only) 🕑 Use	er 🕑 Contact Nam	e						Users Contacts
L User Id	Company	Last Name	First Name	Mobile	Screen Access	Phone	Email	Shared	1.11

The user list will be filtered dynamically as you type, displaying the Authorized Trader IDs and associated contacts where one or more of the contacts' Authorized Trader ID, First Name, Last Name, Phone and Email fields match the search string.

13 Bulk Upload of Authorized Trader IDs

You may use the File Upload feature to upload all Authorized Traders to ATMS from one csv file.

First, click the *File Upload* tab. Then, you can download a template for uploading data by clicking *Download Current Data*. Click *OK* when prompted, and then select the location on your computer where you would like to save the comma-delimited file. The file will also contain all active Authorized Traders data that are already entered into the system, or it will contain a header row only if no data is yet entered in the system.

MIFID	ATMS	File	Help				💄 auser1	ABC Company (41214)	- C
Users A	Authorized Trac	der IDs	File Upload	Search					
Filter			Download Curr	ent Data 🛈 Upload File 😡					
User Id		Jploaded	At	Completed At	Status	File	Snapshot		
	Fri Oct 14	2016 14	15:40 GMT-0400	Fri Oct 14 2016 14:15:40 GMT-0400	Completed	Download	Download		
	Fri Oct 14	2016 14	17:54 GMT-0400	Fri Oct 14 2016 14:17:54 GMT-0400	Completed	Download	Download		
	Fri Oct 14	2016 14	23:28 GMT-0400	Fri Oct 14 2016 14:23:28 GMT-0400	Completed	Download	Download		
	Thu Nov 0	1 2018 1	4:22:06 GMT-040	Thu Nov 01 2018 14:22:07 GMT-040	Completed	Download	Download		
	Thu Nov 0	1 2018 1	4:24:58 GMT-040	Thu Nov 01 2018 14:24:59 GMT-040	Completed	Download	Download		

13.1 Editing the File to Upload

You may open and edit the file in a spreadsheet application, but be sure to save the file with its original ".csv" extension.

The fields/columns contained in the csv file format are described in the <u>appendix</u>. The following sections contain instructions for uploading, updating, or deleting data.

Any user IDs or Authorized Trader IDs that are not contained in a given file upload will not be modified.

13.2 Adding an Authorized Trader to a User ID via Bulk Upload

To add new Authorized Trader IDs, add one new line for each combination of User ID + Authorized Trader ID + Contact to the csv file.

13.3 Assigning Authorized Trader IDs to more than one User ID via Bulk Upload

To assign an authorized Trader ID to more than one User ID, create one line for that Authorized Trader ID and contact info, and enter each user ID in the user_id field, separating each value with a pipe and no spaces (|). Example: In the following file excerpt, Authorized Trader ID jjohn is being assigned to 3 logins: jjohnson-fx1|jjohnson-fx2]

А	В	С	D	E	
user_id	auth_trader_id	is_ats	first_name	last_name	mi
jjohnson-fx1 jjohnson-fx2 jjohnson-fx3	jjohn	N	John	Johnson	

13.4 Adding a new contact to an Authorized Trader ID via Bulk Upload

To add a new contact to an Authorized Trader ID that already exists in the ATMS system, create a line for that the User ID + Authorized Trader ID + Contact information in the upload file. If the Authorized Trader ID is not an Automated Trading System (is_ats = "N"), then the existing contact will be replaced by the new information, and the old contact will be removed from the Authorized Trader, and deactivated if the contact is no longer associated with any Authorized Trader IDs. *Please note: Exchange guidelines may prohibit the reuse of authorized trader IDs, so be cautious when using this option.*

13.5 Assigning an existing contact to an Authorized Trader ID via Bulk Upload

To add a contact that already exists in the ATMS system to an Authorized Trader ID, create a line in the file for that User ID + Authorized Trader ID + Contact information in the upload file. You *will* need to supply all of the contact details as specified in the template.

13.6 Editing an existing contact's details via Bulk Upload

To change a contact's details, modify the contact details field(s) that have changed in each line of the file in which the contact appears, taking care that each row contains identical information for the contact.

13.7 Removing an Authorized Trader ID from a User ID via Bulk Upload

To deactivate an Authorized Trader ID, create a line in the file that has only the auth_trader_id field populated.

13.8 Uploading the file

Once you have finished updating the data in the csv file, click *Upload File* and then navigate to the file you want to upload in the dialog box. Be sure the file is saved with its original ".csv" extension.

A summary of the changes that will be processed will be displayed. Click Proceed or Cancel.

13.9 Viewing bulk upload change history

You may view the history of the changes made via bulk upload at any time in the *File Upload* tab. Click a *Download* link underneath *File* to see the actual file you uploaded, or a *Download* link underneath *Snapshot* to see the state of the data in the system after that file was uploaded.

14 Exporting Authorized Trader IDs to a File - alternate format

To export a list of all Authorized Trader IDs and their associated Contacts and User IDs, even those that are deactivated, click the *Export* icon at the top right-hand side of the application.

Click *OK* when prompted, and then select the location on your computer where you would like to save the comma-delimited file.

Please note, the format of files downloaded in this manner is not compatible with the bulk upload process described in the previous section.

Appendix I: Bulk Upload CSV File

The spreadsheet or file shall be set up with the following columns. One record/row per each combination of User Id, Authorized Trader ID, and contact must be included.

Field Name	Field Definition and usage	Required?	Data Type	Max Size	Sample Value	Format/Usage Notes
user_id	The User ID or IDs used to log in to the Exchange.	Y	Alpha	30	jjohnson-fx1	To associate one authorized trader ID with multiple login IDs, enter them all in this one field, with each value separated by a pipe. For example: jjohnson-fx1 jjohnson-fx2 jjohnson- fx3
auth_trader_id	The identifier of the individual entering orders into the Exchange.	Y	Alpha	20	johnjohnson	No spaces allowed in this field.
is_ats	A flag identifying whether the Authorized Trader ID is for use by an Automated Trading System.	Y	Alpha	1	N	Must be Y or N.
first_name	The first name of the individual associated with the Authorized Trader ID.	Y	Alpha	30	John	
last_name	The last name of the individual associated with the Authorized Trader ID.	Y	Alpha	100	Johnson	
middle_initial	The middle initial of the individual associated with the Authorized Trader ID.	N	Alpha	1	A	
phone	The individual's business phone number.	Y	Number	30	3125551212	Please include the country code for countries outside the US and Canada. Do not include any formatting characters such as +, () or
email	The individuals' business email address	Y	Alpha		johnj@eml.com	
country	The country in which the individual will be trading. Must be from the list of country codes provided below.	Y	Alpha	3	USA	Must be from the list of country codes provided in the Appendix.
role_name	The individual's role in trading. Must be one of: Head Trader, Trader, Risk Monitor, Trading Monitor, Technical/Programmer, or Other	Y	Alpha	20	Head Trader	Must be one of the following: • Head Trader • Trader • Risk Monitor • Trading Monitor • Technical/Programmer, • Other

Field Name	Field Definition and usage	Required?	Data Type	Max Size	Sample Value	Format/Usage Notes
is_primary	Indicates that the individual is the primary contacted for the Authorized Trader ID. Will be Y for single-user Authorized Trader IDs; for ATS Authorized Trader IDs will be set to Y for the ATS primary contact only.	Y	Alpha	1	Y	Must be Y or N.
employedByCompany	Indicates whether the individual is employed by the company ID specified in the file. If "N" then additional Employing Company information must be provided.	Y	Alpha	1	N	Must be Y or N.
emp_company_name	If employedByCompany = N, the name of the individual's employer.	N	Alpha	150	Company A	Required if employedByCompany = N
emp_company_addr1	If employedByCompany = N, the first address line of the individual's employer.	N	Alpha	100	10 Main St.	Required if employedByCompany = N
emp_company_addr2	If employedByCompany = N, the second address line of the individual's employer.	N	Alpha	100	Suite 200	
emp_company_city	If $employedByCompany = N$, the city of the individual's employer.	N	Alpha	25	Chicago	Required if employedByCompany = N
emp_company_state	If employedByCompany=N, the state of the individual's employer.	N	Alpha	50	IL	
emp_company_zip	If employedByCompany = N, the postal code of the individual's employer.	N	Alpha	10	60601	
emp_company_country	If employedByCompany = N, the country code of the individual's employer. Must be from the list of country codes provided below.	N	Alpha	10	USA	Required if employedByCompany = Y Must be from the list of country codes provided in the Appendix.
nfa_id	The individual's NFAID, if applicable.	N	Number	10	1234567890	

Appendix II: Country Codes

Country	Code	Country	Code	Country	Code	Country	
Afghanistan	AFG	Benin	BEN	Christmas Island	CXR	Eritrea	
Albania	ALB	Bermuda	BMU	Cocos (Keeling) Islands	CCK	Estonia	
Algeria	DZA	Bhutan	BTN	Colombia	COL	Ethiopia	
American Samoa	ASM	Bolivia	BOL	Comoros	COM	Falkland Islands	
Andorra	AND	Bosnia and Herzegovina	BIH	Congo	COG	Faroe Islands	
Angola	AGO	Botswana	BWA	Congo, Dem. Republic of	COD	Fiji Islands	
Anguilla	AIA	Bouvet Island	BVT	Cook Islands	СОК	Finland	
Antarctica	ATA	Brazil	BRA	Costa Rica	CRI	France	
Antigua and Barbuda	ATG	British Indian Ocean Territory	IOT	Cote d'Ivoire	CIV	French Guiana	
Argentina	ARG	Brunei	BRN	Croatia	HRV	French Polynesia	



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Country	Code	Country	Code	Country	Code	Country	Cod
Armenia	ARM	Bulgaria	BGR	Cuba	CUB	French Southern territories	ATF
Aruba	ABW	Burkina Faso	BFA	Cyprus	CYP	Gabon	GA
Australia	AUS	Burundi	BDI	Czech Republic	CZE	Gambia	GM
Austria	AUT	Cambodia	KHM	Denmark	DNK	Georgia	GE
Azerbaijan	AZE	Cameroon	CMR	Djibouti	DJI	Germany	DE
Bahamas	BHS	Canada	CAN	Dominica	DMA	Ghana	GH
Bahrain	BHR	Cape Verde	CPV	Dominican Republic	DOM	Gibraltar	GIE
Bangladesh	BGD	Cayman Islands	CYM	East Timor	TMP	Greece	GR
Barbados	BRB	Central African Republic	CAF	Ecuador	ECU	Greenland	GR
Belarus	BLR	Chad	TCD	Egypt	EGY	Grenada	GR
Belgium	BEL	Chile	CHL	El Salvador	SLV	Guadeloupe	GL
Belize	BLZ	China	CHN	Equatorial Guinea	GNQ	Guam	GU
Guatemala	GTM	Malawi	MWI	Panama	PAN	Svalbard and Jan Mayen	SJN
Guinea	GIN	Malaysia	MYS	Papua New Guinea	PNG	Swaziland	SW
Guinea-Bissau	GNB	Maldives	MDV	Paraguay	PRY	Sweden	SW
Guyana	GUY	Mali	MLI	Peru	PER	Switzerland	CH
Haiti	HTI	Malta	MLT	Philippines	PHL	Syria	SY
Heard Isl & McDonald Islands	HMD	Marshall Islands	MHL	Pitcairn	PCN	Taiwan	TW
Holy See (Vatican City State)	VAT	Martinique	MTQ	Poland	POL	Tajikistan	TJł
Honduras	HND	Mauritania	MRT	Portugal	PRT	Tanzania	TZ
Hong Kong	HKG	Mauritius	MUS	Puerto Rico	PRI	Thailand	TH
Hungary	HUN	Mayotte	MYT	Qatar	QAT	Тодо	TG
Iceland	ISL	Mexico	MEX	Reunion	REU	Tokelau	TKI
India	IND	Micronesia, Federated States of	FSM	Romania	ROM	Tonga	TO
Indonesia	IDN	Moldova	MDA	Russian Federation	RUS	Trinidad and Tobago	TT
Iran	IRN	Monaco	MCO	Rwanda	RWA	Tunisia	TU
Iraq	IRQ	Mongolia	MNG	Saint Helena	SHN	Turkey	TU
Ireland	IRL	Montserrat	MSR	Saint Kitts and Nevis	KNA	Turkmenistan	TK
Israel	ISR	Могоссо	MAR	Saint Lucia	LCA	Turks and Caicos Islands	TC
Italy	ITA	Mozambique	MOZ	Saint Pierre and Miquelon	SPM	Tuvalu	TU
Jamaica	JAM	Myanmar	MMR	St Vincent & the Grenadines	VCT	Uganda	UG
Japan	JPN	Namibia	NAM	Samoa	WSM	Ukraine	UK
Jordan	JOR	Nauru	NRU	San Marino	SMR	United Arab Emirates	AR
Kazakstan	KAZ	Nepal	NPL	Sao Tome and Principe	STP	United Kingdom	GB
Kenya	KEN	Netherlands	NLD	Saudi Arabia	SAU	United States	US
Kiribati	KIR	Netherlands Antilles	ANT	Senegal	SEN	United States Minor Outlying Islands	UN
Kuwait	KWT	New Caledonia	NCL	Seychelles	SYC	Uruguay	UR
	KGZ	New Zealand	NZL	Sierra Leone	SLE	Uzbekistan	UZ
Kyrgyzstan	LAO		NIC		SGP		VU
Laos		Nicaragua		Singapore		Vanuatu	-
Latvia	LVA	Niger	NER	Slovakia	SVK	Venezuela	VE
Lebanon	LBN	Nigeria	NGA	Slovenia	SVN	Vietnam	VN

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Country	Code	Country
Lesotho	LSO	Niue
Liberia	LBR	Norfolk Island
Libyan Arab Jamahiriya	LBY	North Korea
Liechtenstein	LIE	Northern Mariana Islan
Lithuania	LTU	Norway
Luxembourg	LUX	Oman
Масао	MAC	Pakistan
Macedonia	MKD	Palau
Madagascar	MDG	Palestine

Country	Code
Solomon Islands	SLB
Somalia	SOM
South Africa	ZAF
S. Georgia & S. Sandwich Isls	SGS
South Korea	KOR
Spain	ESP
Sri Lanka	LKA
Sudan	SDN
Suriname	SUR

Code NIU NFK PRK MNP NOR OMN OMN PAK PLW PSE

Country	Code
Virgin Islands, British	VGB
Virgin Islands, U.S.	VIR
Wallis and Futuna	WLF
Western Sahara	ESH
Yemen	YEM
Yugoslavia	YUG
Zambia	ZMB
Zimbabwe	ZWE