



ATHEXCSD
Central Securities Depository



ATHEXCLEAR
Clearing House

DEMATERIALIZED SECURITIES SYSTEM

**DESCRIPTION OF DSS OPERATORS COMMUNICATION FILES
(ATHEX Members, Clearing Members, Custodians)**

Version 5.8

Athens, November 2017

PUBLICATIONS TABLE

PUBLICATION	DATE	DESCRIPTION OF PUBLICATION
1.0	26/9/2005	First publication – Draft for comments/remarks
1.0a	29/9/2005	Improvements to the Presentation Boards files
1.0b	30/9/2005	Additional corrections
1.0c	3/10/2005	Additional improvements to the form
1.0d	2/3/2006	Correction required data for the file import requests to create investor share and securities account
1.0e	21/3/2006	Correction required data for the file import requests to create investor share and securities account
1.0f	19/4/2006	Correction to the drawing pattern of the files “Join Holders Accounts» (3.2) and «Calendar Movement” (3.6)
1.0g	30/11/2006	Add to the drawing pattern of the file of mass transfers (2.4.1)
1.0h	25/4/2007	Add of new form investor (common share) in par. 2.1.1, 3.1 and 3.2
1.1	4/5/2007	Addition of new field of inheritance for joint beneficiaries of common share in par. 2.1.1 and 3.1
1.2	1/11/2007	Change to the drawing pattern of the files a) Detailed File of Pledges and b) Active Pledges. Add details of import file declarations of intention to transfer or establish a lien. Add code to disable a member of joint account in file "Modification data to Investor share and Securities Account".
1.3	14/01/2008	Addition of new drawing pattern for the OTC Transfer of Securities
1.4	08/02/2008	Addition new file « Allocate/ Shifting»
1.5	10/04/2008	Addition new file for reinvestment and correct file «Participation in Cash Distribution» in par. 2.10, 3.16, 3.16.2 και 3.17 Addition new file for «File printed certificates preference rights». Correct in file export refund financial distribution to inform the contractor in par. 3.11
1.6	28/05/2008	Addition new reject export File for Allocation/shifting.
1.7	22/08/2008	Add fields indicating origin dividend (Member Return) to file "Participation in Cash Distribution". Par. 3.16.1.
1.8	30/9/2008	Add a field at the drawing pattern file of the Registered Orders OTC Par. 3.18
1.9	27/10/2008	Add Investor Data Modifications file Par. 2.12
2.0	26/11/2008	Add Files i) Deactivation Statement of Use Par.2.3 ii) Investor's Declaration of Participation in Special Category tax treatment Par.2.14 and iii) Investor's export in Special Category tax treatment Par.3.19
2.1	18/12/2008	Change at the drawing pattern of File Import Orders OTC Par 2.12.1 and export file Registered Orders OTC Par. 3.18
2.2	27/03/2009	Add tax inStructureion of Dividend Par, 3.16.1 and 3.16.2

PUBLICATION	DATE	DESCRIPTION OF PUBLICATION
2.3	02/06/2009	Addition of a Certificates Coupons file Par 3.12.2 Update of the table "field codes of changes" Par 2.13.2 and 3.4.1 Change at the drawing pattern of File Import Orders OTC Par 2.12.1 and export file Registered Orders OTC Par. 3.18 File import massive commitment bonds Par 2.15
2.4	16/12/2009	Change at the drawing pattern of File Import Orders OTC Par 2.12.1 and export file Registered Orders OTC Par. 3.18
2.5	07/05/2010	Add of a file of mass downloads Par.2.16
2.6	01/06/2010	Change at the drawing pattern of File Import Orders OTC Par 2.12.1 and export file Registered Orders OTC Par. 3.18
2.6.1	11/06/2010	Corrections Par.2.12 and &2.12.3 & 2.12.4
2.7	15/10/2010	Removed from import files: the file of mass analysis (2.4), mass splitting (2.5) and from the export file the output file analysis - displacement (3.7) mass splitting (3.8) and unfinished business multilateral clearing (3.9) of the previous issue. Added Chapter 4 4 Files distribution Treasury and savings bonds in public Added Chapter 6 Files of Clearance transactions on DSS Change at the drawing pattern of File Import Orders OTC (Par, 2.10) and export file Registered Orders OTC (Par, 3.15) [New causes movement]
2.8	11/11/2010	Add File of beneficiaries voting at a General Meeting (par.3.17)
2.9	13/01/2011	Add File of import, activating, and activation of deactivated Intradays (6.5) Add single file charges (6.3.2)
2.10	09/03/2011	Changes to the file of import orders OTC (Par, 2.10) and to the file of registered orders OTC (Par. 3.15) [New cause movement]
3.0	28/03/2011	Changes to the file of import orders OTC (Par. 2.10) and to the file of registered orders OTC (Par, 3.15) [New cause movement] and changes to the file of detailed charges (6.3.1) Add new fields in single file charges (6.3.2)
3.1	02/08/2011	Add documentation files Quarterly Pricing of Members (Par.:3.18) , Additional Data of Cash Distributions (Currency, Foreign Tax) Par.: 3.13.1, / 3.13.2, / 3.16 Additional comments on the fields of paragraphs 6.3.2 and 6.4
3.2	14/11/2011	Add File export owed - expected (Par.:3.16).
3.3	30/11/2011	Changes in existing files due to changes in calculation of sales tax (Par.3.15, 3.16, 6.3.2). Add new section 7 with files for the Support System taxation (TSS).
3.4	22/02/2012	(Par. 2.4.1) Add fields (Par.3.6) Add fields (Par.7.1) Several Improvements
3.5	02/04/2012	(Par. 2.4.1) Suspension modification (Par. 2.10.4) New error codes according regarding to the Rejected Orders OTC (Par. 3.15) New causes of non Settlement (Par. 7.1)Correction of positions fields
3.6	02/07/2012	Remove the cause of settlement motion "7- Transfer of the titles of the same final beneficiary - Re-registration with tax ". (Par 2.15) Add a file of import orders for OTC Inv. CSD.
3.7	26/11/2012	(Par 2.16) Add File "Mass lifting by a Member."



PUBLICATION	DATE	DESCRIPTION OF PUBLICATION
5.4	09/09/2016	Modifying export file Investor bank account (CSV) (3.24), export file Participation in Cash Distribution (3.13.1), Subtract from 02/01/2017 the import file Declaration of Return (2.8.2) and the export file Return of Cash Distribution (for the paying bank) (3.13.2), Modifying the import file Authorization of Use of Securities Account (2.2) and the export file Authorization of Use of Securities Account (3.3), effective from 05/12/2016
5.5	25/10/2016	Improve the functionality of "Requests to Create an Investor Share and a Securities Account " (par. 2.1) and export file "Authorization of Use of Securities Account " (par. 3.3), effective from 05/12/2016
5.6	23/06/2017	Add files: (2.19) File regarding the Disclosure of the Obligated Shares based on Regulatory Frameworks, (3.25) Export file CSV regarding the Disclosure of the Obligated Shares based on Regulatory Frameworks, effective from 10/7/2017
5.7	10/08/2017	Modifying files: (2.19) File regarding the Disclosure of the Obligated Shares based on Regulatory Frameworks, (3.25) Export file CSV regarding the Disclosure of the Obligated Shares based on Regulatory Frameworks, effective from 14/8/2017
5.8	23/11/2017	Modification of " Structure of a single charges file" (6.3.2) [new type of charge] effective from 02/01/2018

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1 Introduction

1.1 Aim of the document

This document describes the data files and the relevant structure to the Members of DSS.

1.2 Structure of the document

The document is divided into the following chapters:

Chapter 1:	Introduction. The present chapter.
Chapter 2:	Files imported into DSS by Members managing investor accounts.
Chapter 3:	Files provided by DSS to Members managing investors accounts.
Chapter 4:	Import / Export of DSS Files related to Bonds
Appendix:	List of standard files provided in an electronic medium.

1.3 Acronyms and Abbreviations

Acronyms	Abbreviations
ASE	Athens Stock Exchange
HCSD	Hellenic Central Securities Depository
CSE	Cyprus Stock Exchange
DSS	Dematerialized Securities System
BoG	Bank of GREECE

1.4 Notation

The tables below present the notation used for the presentation of the DSS software..

Column	Description
Y	<ul style="list-style-type: none"> Key File <blank> Not Required

Type of data	Description
A	Alphanumeric
N	Number
N(x,y)	Number x length with y decimal characters (the character that indicates the decimal is not included in length which denotes by x)
D	Date (DDMMYYYY) ή (DDMMYYYYHH(24)MMSS)

1.5 Allowed characters

The electronic files uses ISO 8859-7 (ELOT 928)

There are no Control characters. The allowed characters are:

Digits : 0,1,2,3,4,5,6,7,8,9

Latin capitals : A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z

Symbols : () - . , /

Greek Capital : Α,Β,Γ,Δ,Ε,Ζ,Η,Θ,Ι,Κ,Λ,Μ,Ν,Ξ,Ο,Π,Ρ,Σ,Τ,Υ,Φ,Χ,Ψ,Ω

Special Characters : <SP> (space)

Dates have to be completed with capital characters (Upper Case).

Fields including a list of values get values only from the list of values.

2 Electronic files imported into DSS

2.1 Import Application File Inv. Shares & Accounts

The file allows Members of DSS to import massively Requests to create Investor Shares and Securities Accounts . The file may include Natural Persons, Legal Persons, Co-owner Shares and Joint Investor Accounts. In the case where the record relates to a Co-owner Share or an Joint Investor Accounts, the details of the individual investors, which are required to have an Investor Share at DSS beforehand, should be included at the end.

2.1.1 Structure for Import File Import Application File Inv. Shares & Accounts

The Structure of the file is the following:

Record type '1' (Request Details)				
Field	Y	Position	Type/Lenght	Remarks
Indication of record	•	1	A(1)	1 – Entry Investor Share's details
DSS Operator Code	•	2	A(10)	From coding of DSS The unique Operator Code at DSS which assigned to each Brokerage House or Custodian
Installation Code	•	12	A(8)	Attributed by the Member Code for each workstation of the Member. Not controlled by DSS.
Client ID (OASIS)	•	20	A(12)	Attributed by the Member The unique client code per Operator used in the trading system for conclusion of transactions for the particular investor.
Old Recording indicator	•	32	A(1)	Recording indicator which is no longer used by the system
S/N Registration	•	33	A(2)	An ascending numbering of records of the file for reference purposes with the Operator.
Surname or Full legal denomination of the Legal Person	•	35	A(200)	The Surname of the Investor or the Company name or description of the Group and Joint Investor Account
Name Surname/ Full name of the legal person	•	235	A(30)	Only for Natural Persons
Father's Name	•	265	A(15)	Only for Natural Persons
Tax Identification Number	•	280	A(15)	Identification Number for Greek Taxpayers or indication does not exist
Competent tax office	•	295	A(15)	Competent Tax Office for Greek Taxpayers or indication

Field	Y	Position	Type/Lenght	Remarks
				"DOES NOT EXIST"
Indication for the class of the shareholders	•	310	A(1)	1 Natural Person 2 Legal Person 3 Co-owner share 5 Joint Investor Account
Corporate Form		311	A(15)	Only for Legal Entities
Occupation / business activity		326	A(25)	
Registered Office	•	351	A(80)	Only for Legal Persons
Representative of the legal person	•	431	A(60)	Only for legal entities
Nationality	•	491	A(2)	From coding of DSS
Class of certificate of Recognition	•	493	A(1)	1 = ID Card no 2 = Passport 3 = S.A.Register No 4 = Commercial Registry Number 9 = Other
Number certificate of Recognition	•	494	A(25)	Valid certificate number or an indication " DOES NOT EXIST".
Date of issuing the certificate of recognition		519	D(8)	DDMMYYYY
Issuing authority of certificate of recognition	•	527	A(60)	The issuing authority of the certificate of recognition or an indication " DOES NOT EXIST "
Issuing country of certificate of recognition	•	587	A(2)	From coding of DSS.
Contact Details				
Address and number	•	589	A(40)	
P.C.	•	629	A(10)	
City	•	639	A(20)	
Country	•	659	A(2)	From coding of DSS
Telephone number	•	661	A(15)	

Field	Y	Position	Type/Lenght	Remarks
FAX		676	A(15)	
E-mail	•	691	A(64)	
Contact Information				
Contact Person		755	A(60)	
Address and number	•	815	A(40)	
P.C.	•	855	A(10)	
City	•	865	A(20)	
Country	•	885	A(2)	From coding of DSS.
Telephone Number	•	887	A(15)	
FAX		902	A(15)	
Date of Birth	•	917	D(8)	DDMMYYYY It refers only to Individuals and it is obligatory
S/N Member (Request)		925	N(15)	Operator's Numbering for references purpose or blank. (if it is blank then automatically filled in the Application by the DSS)
Custodian		940	A(69)	Information item concerning the Investor's Custodian in cases of foreign.
Country of Tax Residence	•	1009	A(2)	From coding of DSS.
Investor's abbreviation		1011	A(15)	Investor's abbreviation Allowed only for Legal entities.
Indication than an Investor participate at Cash Distribution through Members	•	1026	A(1)	Y = Yes N = No Indication of investor participation in the payment of corporate actions (interim dividend, dividend, return of capital)
Indication Withholding Tax Exemption	•	1027	A(1)	Y = Yes N = No Indication Withholding Tax Exemption when payment coupon corporate bonds.
Term of heritage for common shares		1028	A(1)	Y = Yes N = No The enforcement of the term in case of demise of one of the joint beneficiaries, the securities are devolved by right to the rest according to paragraph 1 of article 2 of Law 5638/1932. The field is completed only in common shares..

Field	Y	Position	Type/Lenght	Remarks
Country of Incorporation	•	1029	A(2)	Filled in with the code of the country of incorporation, according to the list of country codes maintained by the DSS
General Statistical Category	•	1031	A(10)	(LPAD blank) filled in with the code of Sector Economy that the Investor Share is included. (as specified in the Table in Appendix B to the present)
Special Statistical Category	•	1041	N(10)	(LPAD blank) filled in with subsector that the Investor Share is included. (as specified in the Table in Appendix B to the present)
type	•	1051	N(1)	1 = Soc.Sec.Number 2 = LEI O = Other (In case of no submission the indication entered other)
Unique fixed identification number	•	1052	A(30)	(In case of no submission the indication entered DOES NOT EXIST)
Email address of Legal Representative	•	1082	A(64)	Only for Legal Entities
Bank (BIC)		1146	A(11)	(RPAD blank), When the indication Investor Participation in financial distribution via Operator is not. The price shows the Bic of the institution.
IBAN		1157	A(31)	(RPAD blank), When the indication Investor Participation in financial distribution via Operator is not. The price shows the Bic of the institution.. Provided euro account.
Inv.Share Class		1188	A(1)	(RPAD blank), O or Blanc = Inv.Share code (default option). With the following options overrides uniqueness checks: 5 = Intermediary Account – ATHEXCLEAR 8 = Mutual Fund Inv. Share 9 = Cust. Collateral Account

Records type '2' (Co-owner Data)				
Field	Y	Position	Type/Lenght	Remarks
Indication of record	•	1	A(1)	2 - Recording Member of the Co-owner share or of the Joint Investor Account
S/N Registration	•	2	A(3)	Numbering of Operator for reference purposes
Investor Share Code	•	5	A(10)	The Share Code of the Investor who will be the member of

Field	Y	Position	Type/Lenght	Remarks
				the Co-owner share or of the Joint Investor Account
Participation Percentage	•	15	N(6)	99.999 The percentage of participation of the investor at the Group of Co-owner The field must be blank when the recording regards to Joint Investor Account

2.1.2 Approved Requests of Import Application File Inv. Shares & Accounts

If errors are found during the import of the file the following error file is created and sent to DSS operator to amend the master file.

Field	Position	Type/Lenght	Remarks
Installation Code	1	A(8)	The Installation Code from the loading file
Client ID	9	A(12)	The client code from the loading file
Recording indicator	21	A(1)	The recording indicator from the loading file
S/N Registration	22	N(2)	The S/N Registration at the loading file
S/N Request at DSS	24	A(10)	S/N of the application Form which was assigned by DSS
DSS Share Code	34	A(10)	The DSS Share Code which was assigned

2.1.3 Rejected Requests of Import Application File Inv. Shares & Accounts

If errors are found during the import of the file the following error file is created and sent to DSS operator to amend the master file.

Field	Position	Type/Lenght	Remarks
Installation Code	1	A(8)	
Client ID	9	A(12)	
Recording indicator	21	A(1)	Investor
S/N Registration	22	N(2)	O S/N Registration at the loading file
Error Code	24	A(10)	Given by the DSS
Description of error	34	A(132)	

2.2 Import Authorisation for Use File

The functionality allows DSS Members to import massively Authorizations of Use Securities Accounts through files.

2.2.1 Structure of Import Authorisation for Use File

The Structure of the file is as follows:

Field	Y	Position	Type/Lenght	Remarks
Members Code at DSS.	•	1	A(10)	From coding of DSS. The unique code of a Member which has been attributed to each brokerage house or bank
S/N Record	•	11	A(10)	Numbering of Member for reference purposes

Field	Y	Position	Type/Lenght	Remarks
Investor's Account Code	•	21	A(10)	
Client Code (OASIS)	•	31	A(12)	The unique client code per Member used in the trading system for transactions for the particular investor.
Activation Date	•	43	D(8)	DDMMYYYY (Greater than or equal to of today)
Remarks		51	A(33)	Comments and remarks by the Member

Field	Y	Position	Type/Lenght	Remarks
Members Code at DSS.	•	1	A(10)	From coding of DSS. The unique code of a Member which has been attributed to each brokerage house or bank
S/N Record	•	11	A(10)	Numbering of Member for reference purposes
Investor's Account Code	•	21	A(10)	
Client Code (OASIS)	•	31	A(12)	The unique client code per Member used in the trading system for transactions for the particular investor.
Activation Date	•	43	D(8)	DDMMYYYY (Greater than or equal to of today)
Remarks		51	A(33)	Comments and remarks by the Member
Indication of participation in cash distribution	•	84	A(1)	1 = YES (participated through operator) 2 = NOT (except from Operator) Rpad blank
Indication "Don't use IBAN for payments with funds from a foreign remittance"	•	85	A(1)	1 = indication Enable 2 = indication deactivate Rpad blank
Indication "Don't use IBAN other than in Paying Bank"	•	86	A(1)	1 = indication Enable 2 = indication deactivate Rpad blank

2.2.2 Rejected Import Authorisation for Use File

If errors are found during the import of the file the following error file is created and sent to DSS operator to amend the master file.

Field	Position	Type/Lenght	Remarks
File type	1	A(1)	Error file (6)
Members Code at DSS.	2	A(10)	The Member Code at DSS from the loading file
Investor's Account Code	12	A(10)	Investor's Account Code
Client Code (OASIS)	22	A(12)	The client code (OASIS) from the loading file
Recording indicator	34	A(1)	The recording indicator from the loading file

Field	Position	Type/Lenght	Remarks
S/N Registration	35	N(10)	The S/N Registration at the loading file
Error Code	45	A(10)	Assigned by the DSS
Description of error	55	A(255)	Assigned by the DSS

2.3 Import Authorisations of Use Update File

Renamed the name of Log off Authorization of Use of Securities Accounts. The functionality allows DSS Members to massively /modifying or deactivate Authorizations of Use Securities Accounts through files.

2.3.1 Structure Import Authorisations of Use Update File

The Structure of the file is the following:

Field	M	Position	Type/Lenght	Remarks
S/N Registration	•	1	A(10)	Numbering of Member for reference purposes
Members Code at DSS.	•	11	A(10)	From coding of DSS. The unique code of a Member which has been attributed to each brokerage house or bank
Investor's Account Code	•	21	A(10)	Investor's Account Code
Client's Code		31	A(12)	The unique client code per Member used in the trading system for transactions for the particular investor.
Action	•	43	A(1)	1= Deactivation 2= Modification (
Participation in cash distribution		44	A(1)	1= Yes (Operator receive the cash) 2= No Rpad κενό
Indication "Don't use IBAN for payments with funds from a foreign remittance"		45	A(1)	1= Enable of indication 2= Disable of indication Rpad κενό
Indication "Don't use IBAN other than in Paying Bank"		46	A(1)	1= Enable of indication 2= Disable of indication Rpad κενό
Comment		47	A(50)	Comment

2.3.2 Rejected Import Authorisations of Use Update File

If errors are found during the import of the file the following error file is created and sent to DSS operator to amend the master file.

Field	Position	Type/Lenght	Remarks
File type	1	A(1)	Error file (6)
Members Code at DSS.	2	A(10)	The Member Code at DSS from the loading file
Investor's Account Code	12	A(10)	Investor's Account Code
Client Code (OASIS)	22	A(12)	The client code (OASIS) from the loading file
S/N Registration	34	N(10)	The S/N Registration at the loading file
Error Code	44	A(10)	Assigned by the DSS
Description of error	54	A(255)	Assigned by the DSS

2.4 Import transfer File

The functionality enables DSS operators to import a file to transfer security positions to investor accounts managed by another DSS Operator.

2.4.1 Structure of Import transfer File

The Structure of the file is the following:

Field	Y	Position	Type/Lenght	Remarks
Type of Movement (DSS)	•	1	A(2)	31 = Transfer Quantity 32 = Transfer Value 33 = Transfer Account
Code Cause of Movement at DSS	•	3	A(6)	000001 = Code Cause of Movement at DSS 000024 = Code Cause of Movement for Right to Exit (only combined with Movement type 31) 000045 Delivery securities in settlement procedure
Date of Movement Transfer	•	9	D(8)	DDMMYYYY Execution date of loading
Members Code	•	17	A(10)	From coding of DSS. Member Code performs the transfer movements
Members Code	•	27	A(10)	From coding of DSS Member Code where the securities transferred. Mandatory «9999999999» when selected the transactions: 31 000024 (Right to Exit) Shall indicate the Member Code when selected the transaction code 31-000045
Investor Share Code	•	37	A(10)	From coding of DSS. The Investor Share for whom the transfer performed.
Securities Account Code	•	47	A(10)	From coding of DSS. The Investor Securities Account that is executed the

Field	Y	Position	Type/Lenght	Remarks
				transfer.
Security Code	•	57	A(12)	From coding of DSS. The Security Code of the Security which is going to be transferred. If you are going to transfer an Account is blank
Quantity of Securities	•	69	N(15)	The quantity of transferred securities. If it is a security transfer or Account transfer then is blank.
S/N Member Request	•	84	A(10)	The S/N of the Member Request. Recorded in the "Comments" field of the Transfer Application for reference purposes
Type of Movement	•	94	A(1)	1 = Notarized Act 2 = Private Agreement 3 = Investor Command C = Other
Indication Collection an exchange by Operator		95	A(1)	Y = Yes N = No Complete only for Transport at the Obligatory Takeover
Average purchase price of new securities		96	N(15,6)	TSS : Regard unit price of the quantity of new securities (Not inserted decimal point) LPAD 0

(*) The Restrictions on the types of movements and the implementation of the average price of securities will be activated after the implementation of the new tax regime (capital gains tax).

2.4.2 Checks on Import transfer File

Mandatory checks:

- Check that the Account is existing and the Operator has an Authorization of Use.
- Check that the Transfer Date is equal to or greater than the current one.
- Check that the quantity to be transferred is available in the Account.
- Check that the Destination Operator exists and has an Authorization of Use to the Account.

2.4.3 File of Import transfer File

On completion of loading of the Mass Transfer File system produced a file with all successful transfers and the corresponding S / N Movement DSS for instruction purposes of the Member.

Field	Position	Type/Lenght	Remarks
Date of Movement Transfer	1	D(8)	From the loading file
S/N Members Request	9	A(10)	From the loading file
Blank	19	A(2)	
S/N Transfer Request	21	N(7)	S/N Transfer Request which has attributed by DSS
Blank	28	A(1)	
S/N Movement at DSS.	29	N(10)	Assigned by the DSS

2.4.4 File of Import transfer File

In case that on importation of the file errors found by the DSS produced the following errors file which aims to facilitate the Member to correct the master file.

Field	Position	Type/Length	Remarks
Date of Movement Transfer	1	D(8)	From the loading file
S/N Member Request	9	A(10)	From the loading file
Error Code	19	A(10)	Assigned by the DSS
Description of Error	29	A(80)	Assigned by the DSS

2.5 Blocking File (for General Meeting / Exercise of Preference Rights)

The functionality allows DSS Members to massively Block securities for participation in General Assembly or to Exercise Preference Rights through files.

2.5.1 Structure of Blocking File

The drawing pattern the file is the following:

Field	Y	Position	Type/Length	Remarks
Member Code	•	1	A(10)	From coding of DSS. The unique code of the Operator at DSS .
S/N Record	•	11	N(5)	S/N Record at the file for reference purposes
Type of Record	•	16	A(2)	01 = File G.M. 02 = File of Preference Rights
Investor Securities Account	•	18	A(10)	The Investor Securities Account
S/N of General Meeting S/N of Corporation Action	•	28	N(10)	From coding of DSS. The S/N of the General Meeting or of the Corporation Action
Security Code	•	38	A(12)	From coding of DSS.
Quantity	•	50	N(15)	Quantity of the security which be committed or quantity of the warrants to be exercised
Remarks/ Comments		65	A(80)	

2.5.2 Checks of Blocking File

Statutory audits:

- Check that the Investor Securities Account is real and the Member has Authorization of Use.
- Check that the number of General Meeting or the number of corporate action and security code of the security are real and active.

- Check that the quantity is available in the investor's securities account.

2.5.3 File of Approved Blocked

After the completion of loading file with massive commitments to participate in the General Assembly or to exercise the preference rights, DSS generated file with all successful entries.

Field	Position	Type/Lenght	Remarks
Member Code at DSS	1	A(10)	From coding of DSS. The Member Code from the loading file
S/N of Record	11	N(5)	S/N Record at the file for reference purposes
Type of record	16	A(2)	01 = File G.M. 02 = File of Preference Rights
Investor Securities account	18	A(10)	The Investor Security Account from the loading file
<BLANK>	28	A(1)	
Certificate Number	29	N(10)	The Certificate Number which produced by DSS.

2.5.4 File of Rejected Blocking Applications

In case that on importation of the file errors found by the system produced the following errors file which aims to facilitate the Member to correct the master file.

Field	Position	Type/Lenght	Remarks
Member Code at DSS	1	A(10)	From coding of DSS. The Member Code from the loading file
S/N Record	11	A(5)	The S/N Record from the loading file
Type of Record	16	A(2)	01 = File G.M. 02 = File of Preference Rights
Error Code	18	A(10)	
Error Message	28	A(200)	

2.6 Import Margin Portfolio File

2.6.1 Structure of file for Import Margin Portfolio File

The data included are classified in the following types of records:

Record Type	It records
01 (zero-one)	Header Record Of each provide - Return Portfolio Safety (main recording details)
02 (zero-two)	Detail Record Values Provide - Return Portfolio Safety

In each record type Header may include one or more records Detail.

If any record (type 01 or 02) control error occurs then rejected all of this provide/ Return and logged in the unacceptable records (. Rjt). The audit process continues for the next recording Header.

In file included records of beneficiaries and the s/n Provide/ Return assigned by DSS

Record Type '01' (Header – Details Provide/Return Portfolio Safety)				
Field	Y	Position	Type/Lenght	Remarks
Record Type	•	1	A(2)	01 - Header
S/N Record	•	3	N(10)	Numbering of Records Header inside the file
Special Work Code	•	13	A(2)	85 – Provide portfolio safety 86 – Return portfolio safety
Order Provider	•	15	A(50)	
Investor Share	•	65	A(10)	The Investor Share
Comments		75	80	

Record Type '02' (Details - Values Provide - Return Portfolio Safety)				
Field	Y	Possition	Type/Lenght	Remarks
Record Type	•	1	A(2)	02 - Detail
S/N Record	•	3	N(10)	The field 2 of the record Header
S/N Internal Numbering	•	13	N(3)	Numbering of Records Detail which belongs at the same Header
Security	•	16	A(12)	Security Code
Quantity	•	28	N(15)	
S/N of Related provider commands		43	N(10)	Only for Returns (86), s/n Provider to be returned

2.6.2 Approved File Import Margin Portfolio File

After completion of loading File Provide/Returns portfolio safety generated by DSS file (with suffix. scx) with successful entries and their s/n Certificates were produced.

Field	Y	Possition	Type/Lenght	Remarks
S/N Record	•	1	N(10)	The S/N of the Record Header from the loading file
Number Provide/Return (certificate)	•	11	N(10)	The S/N of the Certification which has produced by the DSS

2.6.3 Rejected File Import Margin Portfolio File

In case that on importation of the file errors found produced the following errors file (with ending rjt).

Field	Y	Possition	Type/Lenght	Remarks
S/N Record	•	1	N(10)	The S/N of the Record Header from the loading file
S/N Internal Numbering		11	N(3)	The S/N of the Record Detail from the loading file. When the error regard to the record Header, appear as blank.
Blank	•	14	A(1)	

Field	Y	Possition	Type/Lenght	Remarks
Error Code	•	15	A(10)	Is given by the DSS
Description of Error	•	25	A(80)	Is given by the DSS

2.6.4 Checks File - Import Margin Portfolio File

- Is check that the Investor Share exists and the Member has Authorization of Use.
- Is check if the Security is active.
- Check if the quantities of the Securities referred to counseling order is available in the Investor Account, or quantities of the Securities referred to in the recovery order is reserved for Providing collateral in this s/n provider commands.

2.7 Import Transfer Intent Declarations File

2.7.1 File (import) for Declarations of intent otc transfer or establish a lien

The data included in the file are classified in the following types of records:

Record Type	It records
1 (one)	Header Record of each Declaration (Declaration of Intent Data)
2 (two)	Detail Record (Securities of the Record Header)

In each record Type Header it is possible to included one or more records Detail.
In case that at any record (type 1 or 2) appears check error then it will be rejected the total of the specific Declaration and it will be recorded at the rejected records file (.rjt). The screening process continues for the next record header.
In the file of approved records included and the s/n of the Declaration that was assigned by the DSS.

Record Type '01' (Header – Data of Declaration of Intent

Field	Possition	Length	Remarks
Indication of record	1	A(2)	'01' header
S/N Record	3	N(10)	LPAD 0
End Date	13	Date(8)	DDMMYYYY
Share	21	N(10)	The investor Share
Returned Operator	31	N(10)	LPAD 0 (From coding of DSS.)
Beneficiary's Share	41	N(10)	The Beneficiary's Share
Comments	51	A(80)	
Special Work Code	131	N(2)	'11' Transfer request – Block creation

Record type '02' (Details – Securities of the transfer request - Block creation)

Field	Y	Possition	Type/Lenght	Remarks
Indication of record	•	1	A(2)	'02' detail
Security	•	3	A(12)	The security code
Quantity	•	15	N(15)	

2.7.2 Checks of Import Transfer Intent Declarations File

- Is checked if the Investor Account is real, active and the Operator (returned) has Authorization of Use.
- Is checked if the Beneficiary Account is real and active.
- Is checked if the expiration date is less than 30 days from the registration day.
- Is checked if the Security is active.
- Is checked if the quantities of the Securities referred to the Declaration are available at the investor's Account.

2.7.3 File of Approved Records of Import Transfer Intent Declarations File

After completion of loading File of intetion to tranfer or to establish a lien produced by DSS a file (with suffix. scx) with successful entries and their s/n commitments which were produced.

Field	Y	Possit ion	Type/Lenght	Remarks
S/N Record	•	1	N(10)	The S/N of the Record Header from the loading file
S/N Blocking	•	11	N(10)	The S/N of the blocking which produced by the DSS.

2.7.4 File of the Rejected Records of Import Transfer Intent Declarations File

In case on importation of the file found errors is produced the following errors file (ending rjt).

Field	Y	Possit ion	Type/Lenght	Remarks
S/N Record	•	1	N(10)	The S/N of Record Header from the loading file
Blank	•	11	A(1)	
Error Code	•	12	A(10)	Is given by the DSS
Description of Error	•	22	A(80)	Is given by the DSS

2.8 File for Cash Distributions

2.8.1 Cash Distribution Participation File

Field	Y	Possition	Type/Len ght	Remarks
Member Code	•	1	A(10)	From coding of DSS.
Serial Number	•	11	N(10)	
Securities	•	21	A(10)	

Field	Y	Possition	Type/Lenght	Remarks
Account Number				
Indication of Participation	•	31	A(1)	'1' = Yes '0' = No

2.8.2

Cash Distribution Return File (Removed from 02.01.2017)

Field	Y	Possition	Type/Lenght	Remarks
Member Code	•	1	A(10)	From coding of DSS.
Serial Number	•	11	N(10)	
Securities Account Number	•	21	A(10)	
Investor Abbreviation		31	A(15)	
Indication Payment	•	46	A(1)	'0' = No (Return by the Operator)
Number of Corporate Action	•	47	N(10)	From coding of DSS.
Security Code	•	57	A(12)	From coding of DSS.
S/N Certificate	•	69	N(10)	LPAD 0
Quantity	•	79	N(10)	LPAD 0
Value of Dividend	•	89	N(15)	LPAD 0 MASK '000000000009.99'

2.9 Import OTC Instruction file

This file is used for mass registration, update or cancellation of OTC orders for Greek or Foreign Depository .

2.9.1 Import OTC Instruction file

Field	Y	Position	Type/Lenght	Remarks
S/N Registration at the file	Y	1	N(10)	This number is used to correlate each record of input file with the appropriate entries in the records of approved and rejected records. There is no check for the uniqueness of this code, but it is recommended to be unique for operators facility
Action	Y	11	A(1)	Specifies the type of operation related to the specific record: 1 = insert a new order 2 = Modify registered order 3 = Abort registered order 4 = Modify "H/R Status" from Hold (Hold) at Freedom (Released) or vice versa In order for a foreign depository is not possible to insert the value '2
Serial Number (AA) of Command DSS		12	N (15)	Required if modification or cancellation the order. Not to be completed if importing new order
Member	Y	27	A(10)	Registration Operato
Operator's Reference Code		37	A(20)	Reference Code which can be entered by the operator for his own use. There is no control of the DSS
Type of Command (Receipt/ Delivery)	Y	57	A(1)	R =RECEIPT - D= DELIVERY
Delivery with or without payment	Y	58	A(1)	1= DVP , 2=FOP
Reason	Y	59	A(1)	1 = Transaction 2 = Lending 3 = Return Lending 4 = Collateral 5 = Return Collateral 6 = Reregistration 7 = Reregistration with tax (Repealed by 02/07/2012 and valid only for the delivery of historical data) 8 =Fail rectification – Late completion securities transaction 9= Transfer of securities for the creation ADR ή ETF 0 = Transfer of securities from the acquisition of ADR or ETF a = Transportation of Transitional Account Operator b = Technical Settlement Movement (only "transaction type = STOCK EX)
Investor Account	Y	60	A(10)	Active Account with Authorization of Use
Counterparty Operator	Y	70	A(50)	Code of Counterparty Operator at Greek DSS
Date of transaction	Y	120	DATE (ddmmyyyy)	Should be equal to or earlier than the date of settlement.

Settlement date	Y	128	DATE (ddmmyyyy)	You must be equal to or later than the day of registration of the Record
Security Code	Y	136	A(12)	The code of an active security
Quantity	Y	148	N(15)	>0
Cash Value	Y (av DVP)	163	N(16,2)	Not controlled and not identified in the case of the FOP. It is mandatory and is used during the matching process in the case of DVP Up to sixteen digits where the last two are the decimal place. No decimal point is inserted
Unit price		179	N(10,2)	Information Field not checked by the DSS Up to ten digits where the last two are the decimal place. No decimal point is inserted
External identification code		189	A(50)	If it has been entered it will be required during the matching process to be the same as the corresponding code order of the counterparty. With this Field ensures that the identification will be done with this order. There is no other check from DSS
Comments		239	A(50)	Information Field, not checked by the SAT
Depository	Y	289	A(11)	The BIC code of the settlement system. For shares-settled in the HELEX should be inserted BIC: HCSDGRAAXX
Counterparty Instrutor		300	A(50)	Information Field that will not operated by the DSS but will forward it to the counterparty
Place of Transaction		350	A(4)	The MIC codeof the market where the transaction took place
Currency of Settlement Value	Y	354	A(3)	The international abbreviation of the currency of the monetary value. Should this Currency backed by the HELEX
H/R Status	Y	357	A(1)	H = On Hold (to be settlement) R = Free (to be settlement)
Operator's Instructor		358	A(50)	Information Field that will not operated by the DSS but will forward it to the counterparty
Client Operator Form		408	A(4)	With this Field specified in what form is given the Field S «Operator's Instructor» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme
Counterparty Form	Y	412	A(4)	With this Field specified in what form is given the Field S «Counterparty» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme for the greek Depository the Filed must be obligatory Field "PRCP"
Client Counterparty Form		416	A(4)	With this Field specified in what form is given the Field S «Counterparty Instrutor» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme

Counterparty Account		420	A(35)	Information Field not checked by the DSS Up to ten digits where the last two are the decimal place. No decimal point is inserted
End Client Identification Type	Y (conditional)	455	A(4)	This field specifies in which form the Field "End Client Identification" is provided PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme If field "Reason" is completed with value 6=Reregistration, then this field is obligatory and may be filled with values FREE or BIC In any other case this is an optional field not validated by DSS, and passed through to the counterparty.
End Client Identification	Y (conditional)	459	A(50)	If field "Reason" is completed with value 6=Reregistration, then this field is obligatory. In any other case this is an optional field not validated by DSS, and passed through to the counterparty.
Settlement Method	Y	509	A(1)	Sets the settlement process to be followed. 1 = RTS (Real Time Settlement) 2 = NON - RTS (Non Real Time Settlement) 0 = STANDARD For the Greek Depository must be filled with "1"
Transaction Type	Y	510	A(1)	Specifies whether the order concerns a transaction that took place in a regulated market / stock or No. 1 = OTC (except regulated market) 2 = STOCK EX (on a regulated market).

2.9.2 Directions for the cancellation order

Especially for the order cancelation required fields are:

- S/N Registration at the file
- Action
- Serial Number (AA) of Order at DSS
- Member
- Reference Code of the Member

while the other fields are not checked.

2.9.3 File of approved Orders

Field	Possition	Type (length)	Remarks
Date of Added	1	DATE (ddmmyyyy)	The date which the file was introduced
S/N Registration in the file	9	A(10)	This number is used to correlate each record of input file with the appropriate entries in the records of approved and rejected records. There is no check for the uniqueness of this code, but it is recommended to be unique for operator's facility
Reference Code of the Operator	19	A(20)	
Serial Number (SN) of Order DSS	39	N (15)	The unique number which assigned by the DSS to each settlement order recorded in the system

2.9.4 File of rejected Orders

In case that the import file errors detected, the system produce the following Error File which aims to enable the Operator to correct the master file.

Field	Possition	Type (length)	Remarks
Date of Added	1	DATE (ddmmyyyy)	The date that the file was introduced
S/N Registration in the file	9	A(10)	This number is used to correlate each record of input file with the appropriate entries in the records of approved and rejected records. There is no check for the uniqueness of this code, but it is recommended to be unique for operator's facility
Reference Code of Operator	19	A(20)	
Error code	39	A(10)	It is given by the DSS
Description of Error	49	A(80)	It is given by the DSS

The following table appear relevant error codes and their descriptions. .

Error Code	Description
CSD-60001	Wrong type of Order OTC
CSD-60002	Wrong code payment Order OTC
CSD-60003	Wrong code cause motion Order OTC
CSD-60004	The OTC transaction is already canceled
CSD-60005	The OTC transaction is already settled
CSD-60006	The OTC transaction is already
CSD-60007	The OTC transaction does not belong to the Operator
CSD-60008	The OTC transaction is already analyzed
CSD-60009	Not found Registered Trade OTC
CSD-60010	The operator has no right of entry Order
CSD-60011	The value can not be <= 0
CSD-60012	Not permitted to register record for clearing date
CSD-60013	The characters you entered for Operator Code are not correct
CSD-60014	The characters for the Counterparty Code of the Operator is not correct.
CSD-60015	The characters you entered for the amount are not correct
CSD-60016	The characters you entered the value are not correct.
CSD-60017	The characters you entered for the PRICE are not right.
CSD-60018	The characters you entered for date of settlement are not correct.
CSD-03046	Nonexistent or deactivated Account
CSD-01338	There is no Authorization of Use or is inactive
CSD-50028	Nonexistent security
CSD-01199	Wrong transaction date in respect of the clearance date
CSD-03319	Wrong Date of Clearance.
CSD-60072	The Settlement Date shall be working day
CSD-60073	The Settlement Date must be greater than of the current
CSD-45627	No suitable records were found for Cancellation
CSD-60085	The matching process is active.
CSD-60086	The clearance procedure is active.
CSD-60071	There wasn't active transaction OTC Counterparty

CSD-60075	Wrong code hold / release (Hold / Release status)
CSD-60068	The Update Hold / Release status not allowed in this Order
CSD-60087	Not permitted the Settlement the specific settlement date for the specific security
CSD-60077	Nonexistent mic trading venues
CSD-60076	Nonexistent bic system of Settlement
CSD-60074	Nonexistent or inactive currency code
CSD-60092	Invalid Bic
CSD-60095	Wrong account type
CSD-60099	Does not agree the Security with the Depository
CSD-60100	Not permitted the information in Order with the foreign Settlement Depository
CSD-60107	Do not match with the Currency and with the trading system security
CSD-60109	Wrong Cause and Type of Principal Account and OTC category.
CSD-60110	Not permitted the specific cause with the specific Depository
CSD-60111	The Operator and the Counterparty shall be the same for this Cause.
CSD-60112	Not permitted the specific cause for the Clearing System of the the specific Security
CSD-60113	The specif Account can not use for the specific security
CSD-60114	Not permitted the Specific Type with the specific Depository
CSD-60115	Not allowed H / R Status is Waiting for providing for specified Depository
CSD-60119	Found record for the same Cause with Settlement date earlier than the permissible limit
CSD-60120	Found record for the same Cause
CSD-60211	Invalid value combination for fields "Reason Code" and "End Client Identification Type"

2.10 Import Investor Modification Data

With the introduction of this file at DSS given the possibility of mass change in investors data.

2.10.1 Import Investor Modification Data

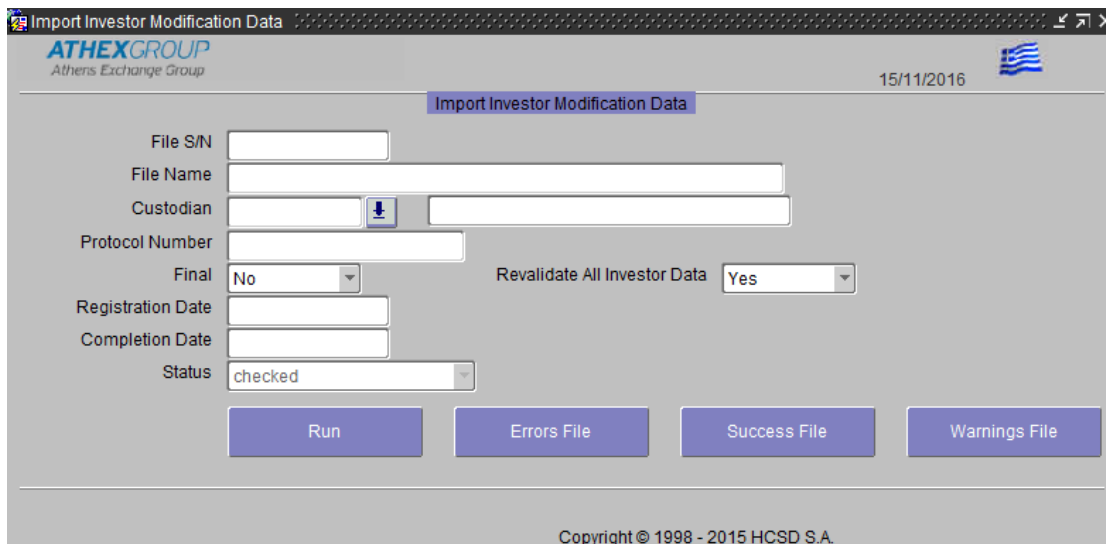
Field	Possition	Type/Lenght	Description
Operator Code	1	A(10)	Member Code
Share Code	11	A(10)	Share Code
Securities Account Code	21	A(10)	Securities Account Code
File Code to change	31	A(2)	File Code to change
Old field value	3	A(X)	Old value
New field value	33+X	A(X)	New value

Fields 4-6 may be repeated up to 33 times, ie until all of the fields that accept a change of operator.

Where X is the size of the field as shown in Annex 3.

The fields type date, should appear in the form ddmmyyyy.

Each Field should have exactly the size stated. If it less then completed right with Blank.
The fields type date , should appear in the form ddmmyyyy.



Registration process of Import File of Changes in Investor Data:

- I. Place the patch and the file name (e.g. d:\mtb.txt). Place it operator code (e.g..0000000100) and protocol number.
- II. Performed initial verification file indicating final «NO». In this process the check the file structure and the situation of investor share code (if it is active and if there is an active authorization of use).
- III. If there is rejection initial verification should be removed or correct these entries.
- IV. If display message correctness of the initial inspection of the file then clearing the screen and look for the same record and modify the final «YES» and choose whether to Revalidate all investor data (**yes / no**) and we enter Run.
- V. If there are errors in the file, it displays the situation (canceled). Generated reject file which informs us which field is wrong. We look for the same record and modify the final «YES» and repeat the registration process (Run). At that point will appear a message «Valid records have been found. Only these records will affect data. Continue?». Then put Yes and changed only the correct records.
- VI. Creates by completed the procces in path that placed the file, additional scx files (successful recordings) & wrn file Notification deficiencies / errors in Investor share code number.
- VII. .Entries in rjt file should be corrected or completed and resubmitted with a new file.

2.10.2 Changes Field Codes Table

Field Code	Field Description	Field Length
1	FULL LEGAL DENOMINATION OF THE LEGAL ENTITY	200
2	SURNAME/FULL NAME OF THE LEGAL PERSON	30

3	FATHER'S NAME	15
4	DATE OF BIRTH	8
5	PERSON INDICATION	1
6	CORPORATE STAUUS	15
7	RESPONSIBLE	60
8	REGISTERED OFFICE	80
9	CLASS OF CERTIFICATE OF RECOGNITION	1
10	CERTIFICATE NUMBER	25
11	DATE OF ISSUING THE CERTIFICATE OF RECOGNITION	8
12	ISSUING AUTHORITY OF CERTIFICATE OF RECOGNITION	60
13	TAX IDENTIFICATION NUMBER	15
14	COMPETENT TAX OFFICE	15
15	TAXATION COUNTRY	2
16	NATIONALITY	2
17	OCCUPATION	25
18	ADDRESS	40
19	P.C.	10
20	CITY	20
21	COUNTRY	2
22	TELEPHONE NUMBER	15
23	FAX	15
24	E-MAIL	64
25	CONTACT PERSON	60
26	ADDRESS	40
27	P.C.	10
28	CITY	20
29	COUNTRY	2
30	TELEPHONE NUMBER	15
31	FAX	15
32	ABBREVIATION	15
33	CLIENT REGISTRY NUMBER AT THE MEMBER	12
34	GOV. BOND TAX EXEMPTION (No / Yes)	1
35	GLOBAL CUSTODIAN	80
36	ISSUE COUNTRY (of certificate)	2
37	PARTICIPATION CASH DISTRIBUTION (receipt of funds from operator- Yes/No)	1
39	INDICATION INHERITANCE SUCCESSION	1
40	COUNTRY OF INCORPORATION	2
41	GENERAL STATISTICAL CATEGORY	10
42	SPECIAL STATISTICAL CATEGORY	10
43	Type	1
44	Unique fixed identification number	30
45	Email address of Legal Representative	64

2.10.3 Success file of modifications

Field	Position	Type/Lenght	Remarks
Investor share code number	1	A(10)	
Field code	11	A(2)	Field codes
Old price	13	A(field lenght)	
New Price	13+ field lenght	A(field lenght)	

2.10.4 Rejected file of modifications

Field	Position	Type/Lenght	Remarks
Investor share code number	1	A(10)	
code	11	A(2)	'00'
Error Code	13	A(9)	
Description code	22	Until 80 Characters	
What kind of information concerning	x		(investor_code) ή (account) ή (account_usage)
Field that was wrong	x		

2.10.5 File Notification deficiencies / errors in Investor share code number

Field	Position	Type/Lenght	Remarks
Investor share code number	1	A(10)	
code	11	A(2)	'00'
Error Code	13	A(9)	
Description code	22	Until 80 Characters	
What kind of information concerning	x		(investor_code) ή (account) ή (account_usage)
Field that was wrong	x		

2.11 Special Tax Treatment Investor file

This function given the option to operators of mass import at DSS Investor's Declaration of Participation in Special Tax Regime

2.11.1 Structure file of Special Tax Treatment Investor file

The drawing pattern of the file is the following:

Field	Y	Possition	Type/Lenght	Remarks
Serial Number at the file	•	1	A(10)	Serial Number of the import file
Member Code	•	11	A(10)	From coding of DSS.
Investor Account Number	•	21	A(10)	From coding of DSS.
Taxing Year	•	31	A(4)	'EEEE'
Taxing Regime	•	35	A(2)	Categories as seen on screen "Correlation Investor with accusations Tax"
Activate - Deactivate	•	37	A(1)	'1' = Activate '0' = Deactivate (For future use. Initially the field will always be supplemented with '1')
Comments		38	A(50)	

2.12 File of Massive Blocking Bonds for Conversion

With this function given the possibility:

- to the operators, of massive imports at DSS quantities of blocking bonds blockings from their investor's securities accounts for conversion and
- to HELEX / CSE massive introduction at DSS quantities of blockings bonds from the invetor's special accounts for conversion.

2.12.1 Structure of Blocking File

The drawing pattern of the file is the following:

Field	Y	Possition	Type/Lenght	Remarks
Type of Record	•	1	A(2)	b1 = Conversion
Operator Code	•	3	A(10)	From coding of DSS. The unique Operator code at DSS
Record S/N	•	13	N(5)	S/N of the record at the file for referece purpose

Field	Y	Possition	Type/Lenght	Remarks
Investor Share	•	18	A(10)	The investor share code
ID Number		28	A(25)	The investor' s ID number
Securities Bond Code	•	53	A(12)	From coding of DSS.
Quantity	•	65	N(15)	Quantity of the Bond which is blocked
Remarks / Comments		80	A(80)	

2.12.2 Checks of Commitments File

Obligatory Checks:

-
- Check that the investor's share is real / active and for the Operators should have their Operators the Operator Authorization of Use for the securities account of the investor.
- If given certificate number checked the relation certificate number with the the investor code of the share.
- Check that the security code of the bond is real and active. To be able to register bond blocks, the blocking process should have already been initiated by ATHEX Group or CSE. The initiation conversion blocking procedure is performed per bond
- Is Checked that the Quantity is available in the securities account or at the investor's special account (depending on whether the blocking made by the operator or by the Depository respectively).

2.12.3 Approved Commitments File

On completion of loading of the file of massive blockings produced by the system a file with all successful records of transaction with their respective numbers of blocking which have been produced by the system.

Field	Possition	Type/Lenght	Remarks
Record Type	1	A(2)	b1
Operator Code at DSS	3	A(10)	From coding of DSS. The Operator Code from the loading file
Record S/N	13	N(5)	The S/N of the Record from the loading file
Investor Share	18	A(10)	The Investor Share from the loading file
<BLANK>	28	A(1)	
Number of Commitment	29	N(10)	The Number of Commitment which produced by DSS

2.12.4 File of Rejected Blocking Applications

In case that the import file errors detected, the system produce the following Error File which aims to enable the Operator to correct the master file.

Field	Possition	Type/Lenght	Remarks
Record Type	1	A(2)	b1
Operator Code at DSS	3	A(10)	From coding of DSS. The Member Code from the loadind file
Record S/N	13	N(5)	The S/N/ of the Record from the loading file

Field	Position	Type/Lenght	Remarks
Investor Share	18	A(10)	The Investor Share from the loading file
<BLANK>	28	A(1)	
Error Code	29	A(10)	
Error Message	39	A(200)	

2.13 Import Reception File

With this function given the possibility to Operators of massive import at DSS applications 'Download' quantities securities.

2.13.1 Structure of Import Reception File

The drawing pattern of the file is the following:

FIELD	Y	POSITION	LENGTH	REMARKS
Transaction Code	•	1	4	'0026' – Download by Operator
Operator S/N	•	5	N(10)	From Numbering of Operator, LPAD 0
Member Code	•	15	10	From coding of DSS.
Transaction Type	•	25	8	(Transfer of Quantity 31000001/ Security 32000001/ Account 33000001)
Investor Account Number	•	33	N(10)	LPAD 0
Security Account	•	43	12	From coding of DSS.
Quantity	•	55	N(15)	LPAD 0
Release Application S/N at DSS		70	N(7)	Required if it has been preceded the lifting, LPAD 0
Release Application Date at DSS		77	8	Required if it has been preceded the lifting, DDMMYYYY
Operator Application S/N	•	85	60	Registered in the DSS Field COMMENTS of transfer request
Transaction Type	•	145	1	O : other 3: Investor Order

2.13.2 Checks of Import Reception File

On receipt of the Operator there is no control of the transferred Quantity and make no change to the other investor balances except in the case where reception preceded the lifting removal. In this case, to perform the download, the fields "S / N request for lifting DSS" and "Date of application for lifting DSS" should be completed. Moreover, the data of the two applications tested are identical (Investor Account, value, Quantity) and the transfer is made to the other investor balances. Where performed first the download, the fields are Blank.

•

2.13.3 Approved of Import Reception File

On completion of loading the Downloads File the system produce a file with all the successful records transaction with their respective numbers of downloads, wich produced by the system.

FIELD	POSSITION	LENGHT	REMARKS
Transaction Code	1	4	'0026'
Operator S/N	5	N(10)	From Numbering of Operator, LPAD 0
Member Code	15	10	From coding of DSS.
Application Date	25	8	DDMMYYYY
S/N of Receiving Application	33	N(7)	Is given by DSS , LPAD 0
Transaction id	40	N(10)	Is given by DSS ,LPAD 0

2.13.4 Rejected of Import Reception File

In case that the import file errors detected, the system produce the following Error File which aims to enable the Operator to correct the master file.

FIELD	POSSITION	LENGHT	REMARKS
Transaction Code	1	4	'0026'
Operator S/N	5	N(10)	From Numbering of Operator, LPAD 0
Member Code	15	10	From coding of DSS.
Application Download Date	25	8	DDMMYYYY
Error Code	33	A(10)	From coding of DSS.
Error Description	43	132	From coding of DSS.

2.14 Import OTC Instruction file for Investor CSD

With the import of this file at DSS given the possibility of massive entry, alteration or cancellation of orders for OTC for Foreign Securities.

2.14.1 Structure of Import OTC Instruction file for Investor CSD

Field	Y	Possition	Type/Lenght	Remarks
Registration S/N at the file	Y	1	N(10)	This number is used to correlate each record of input file with the appropriate entries in the records of approved and rejected records. There is no check for the uniqueness of this code, but it is recommended to be unique for operators facility

Action	Y	11	A(1)	Specifies the type of operation related to the specific record: 1 = Insert a new order 2 = Modify registered order 3 = Abort registered order 4 = Modify "H/R Status" from Hold (Hold) at Freedom (Released) or vice versa In order for a foreign depository is not possible to insert the value '2
Order Serial Number (SN) DSS		12	N (15)	Required if modification or cancellation the order. Not to be completed if importing new order
Operator	Y	27	A(10)	Registration Operato
Reference Code of Operator		37	A(20)	Reference Code which can be entered by the operator for his own use. There is no control of the DSS
Order Type (Receive / Delivery)	Y	57	A(1)	R =RECEIVE - D= DELIVERY
Delivery with or without payment	Y	58	A(1)	1= DVP , 2=FOP
Transaction cause	Y	59	A(1)	1 = Transaction
Investor Account	Y	60	A(10)	Active Account with Authorization of Use
Counterparty Operator	Y	70	A(50)	Counterparty Operator Code Χειριστή at Foreign Depository
Transaction Date	Y	120	DATE (ddmmyyyy)	Should be equal to or earlier than the date of settlement.
Settlement date	Y	128	DATE (ddmmyyyy)	Should be equal to or later than the day of registration of the Record
Securities Code	Y	136	A(12)	The code of an active security
Quantity	Y	148	N(15)	>0
Cash value	Y (av DVP)	163	N(16,2)	Not controlled and not identified in the case of the FOP. It is mandatory and is used during the matching process in the case of DVP Up to sixteen digits where the last two are the decimal place. No decimal point is inserted
Unit price		179	N(10,2)	Information Field not checked by the DSS Up to ten digits where the last two are the decimal place. No decimal point is inserted
External matching code		189	A(50)	If it has been entered it will be required during the matching process to be the same as the corresponding code order of the counterparty. With this Field ensures that the identification will be done with this order. There is no other check from DSS.

Comment		239	A(50)	Information Field not checked by the DSS
Depository	Y	289	A(11)	The BIC code of the settlement system.
Counterparty Instrutor		300	A(50)	Information Field that will not operate by the DSS but will forward it to the counterparty
Transaction Place		350	A(4)	The MIC code of the market where the transaction took place
Security Currency of Settlement	Y	354	A(3)	The international abbreviation of the currency of the monetary value. Should this Currency backed by the HELEX
H/R Status	Y	357	A(1)	H = On Hold (to be settled) R = Release (to be settled)
Operator's Instructor		358	A(50)	Information Field that will not operate by the DSS but will forward it to the counterparty
Client Operator Form		408	A(4)	With this Field specified in what form is given the Field S «Operator's Instructor» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme
Counterparty Form	Y	412	A(4)	With this Field specified in what form is given the Field S «Counterparty» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme for the Greek Depository to Field must be obligatory "PRCP"
Client Counterparty Form		416	A(4)	With this Field specified in what form is given the Field S «Counterparty Instrutor» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme
Counterparty Account		420	A(35)	Information Field that will not operate by the DSS but will forward it to the counterparty or to the foreign depository
Customer Indication		455	A(4)	With this Field specified in what form is given the Field S « Customer Indication » PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme
Customer Principal		459	A(50)	Information Field that will not operate by the DSS but will forward it to the counterparty or to the foreign depository
Settlement Method	Y	509	A(1)	Sets the settlement process to be followed. 1 = RTS (Real Time Settlement) 2 = NON - RTS (Non Real Time Settlement) For the Greek Depository must be filled with "1" 0 = STANDARD
Transaction Type	Y	510	A(1)	Specifies whether the order concerns a transaction that took place in a regulated market / stock or No. 1 = OTC (except regulated market) 2 = STOCK EX (on a regulated market).
Client Account		511	A(35)	Information Field that will not operate by the DSS but will forward it to the counterparty or to the foreign depository

Client Account		546	A(35)	Information Field that will not operate by the DSS but will forward it to the counterparty or to the foreign depository
Special instructions		581	A(14)	Information Field that will not operate by the DSS but will forward it to the counterparty or to the foreign depository
Place of Safekeeping		595	A(30)	Information Field that will not operate by the DSS but will forward it to the counterparty or to the foreign depository

2.14.2 Instructions for canceling order

Especially for the cancellation of the order required fields are:

- Registration S/N at the file
- Action
- Order Serial Number (SN) DSS
- Operator
- Operator Reference Code

While the rest fields are not checked .

2.14.3 Approved Records File

Field	Possition	Τύπος (Length)	Remarks
Date of Added	1	DATE (ddmmyyyy)	The date that the file was imported
Registration S/N at the file	9	A(15)	This number is used to correlate each record of input file with the appropriate entries in the records of approved and rejected records. There is no check for the uniqueness of this code, but it is recommended to be unique for operators facility
Operator Reference Code	19	A(20)	
Order Serial Number (SN) DSS	39	N (15)	The unique number assigned by DSS to each settlement order which recorded in the system

2.14.4 Rejected Records File

In case that the import file errors detected, the system produce the following Error File which aims to enable the Operator to correct the master file.

Field	Possition	Τύπος (Length)	Remarks
Date of Added	1	DATE (ddmmyyyy)	The date that the file was introduced
Registration S/N at the file	9	A(10)	This number is used to correlate each record of input file with the appropriate entries in the records of approved and rejected records. There is no check for the uniqueness of this code, but it is recommended to be unique for operators facility
Operator Reference Code	19	A(20)	
Error Code	39	A(10)	Is given by the DSS
Error Description	49	A(80)	Is given by the DSS

The following table shows the relevant error codes and their descriptions.

Error Code	Description
CSD-60001	Wrong type of Order OTC
CSD-60002	Wrong code payment Order OTC
CSD-60003	Wrong code cause motion Order OTC
CSD-60004	The OTC transaction is already canceled
CSD-60005	The OTC transaction is already settled
CSD-60006	The OTC transaction is already
CSD-60007	The OTC transaction does not belong to the Member
CSD-60008	The OTC transaction is already analyzed
CSD-60009	Not found Registered Trade OTC
CSD-60010	The operator has no right of entry Order
CSD-60011	The value can not be ≤ 0
CSD-60012	Not permitted record for order for Clearing Date
CSD-60013	The characters you entered for Member Code are not correct
CSD-60014	The characters for the Counterparty Operator Code are incorrect
CSD-60015	The characters you entered for the amount are not correct
CSD-60016	The characters you entered the value are not correct.
CSD-60017	The characters you entered for the PRICE are not right.
CSD-60018	The characters you entered for date of settlement are not correct.
CSD-03046	Nonexistent or deactivated Account
CSD-01338	There is no Authorization of Use or is inactive
CSD-50028	Nonexistent security
CSD-01199	Wrong transaction date in respect of the clearance date
CSD-03319	Wrong Date of Clearance.
CSD-60072	The Settlement Date shall be working day
CSD-60073	The Settlement Date must be greater than of the current
CSD-45627	No suitable records were found for Cancellation
CSD-60085	The matching process is active.
CSD-60086	The clearance procedure is active.
CSD-60071	There wasn't active transaction OTC Counterparty
CSD-60075	Wrong code hold / release (Hold / Release status)
CSD-60068	The Update Hold / Release status not allowed in this Order
CSD-60087	Not permitted the Settlement the specific settlement date for the specific security
CSD-60077	Nonexistent mic trading venues
CSD-60076	Nonexistent bic system of Settlement
CSD-60074	Nonexistent or inactive currency code
CSD-60092	Invalid Bic
CSD-60095	Wrong account type
CSD-60099	Does not agree the Security with the Depository
CSD-60100	Not permitted the information in Order with the foreign Settlement Depository
CSD-60107	Do not match with the Currency with the trading system securities
CSD-60109	Wrong Cause and Type of Principal Account and OTC category.
CSD-60110	Not permitted the specific cause with the specific Depository
CSD-60111	The Operator and the Counterparty shall be the same for this Cause.
CSD-60112	Not permitted the specific cause for the Clearing System of the the specific Security

CSD-60113	The specific Account cannot use for the specific security
CSD-60114	Not permitted the Specific Type with the specific Depository
CSD-60115	Not allowed H / R Status is Waiting for providing for specified Depository
CSD-60119	Found record for the same Cause with Settlement date earlier than the permissible limit
CSD-60120	Found record for the same Cause

2.15 Import Release File

With this function given the possibility to mass import operators at DSS applications 'Lifting quantities values.

2.15.1 Structure of Import Release File

The drawing pattern of the file is the following:

FIELD	Y	POSITION	LENGTH	REMARKS
Transaction Code	•	1	4	'0027' – Lifting by the Operator
Operator S/N	•	5	N(10)	From Numbering of Operator, LPAD 0
Member Code	•	15	10	From coding of DSS
Transaction Type	•	25	8	(Transfer Quantity 31000001/ Value 32000001/ Account 33000001)
Investor Account Number	•	33	N(10)	LPAD 0
Securities Code	•	43	12	From coding of DSS
Quantity	•	55	N(15)	LPAD 0
S/N of DSS Taken Application		70	N(7)	Obligatory if it has been preceded the lifting, LPAD 0
Date of DSS Taken Application		77	8	Obligatory if it has been preceded the lifting,, DDMMYYYY
S/N of Request by Operator	•	85	60	Recorded at DSS at Field «Comments» of the transfer request , alphanumeric LPAD blank
Transfer type	•	145	1	O: Other 3: Investor Order

2.15.2 Checks of Import Release File

At the lifting by the Operator there is no change to the other investor balances except in the case where lifting preceded the download. In this case, to perform the lifting, the fields "S/N request for download DSS" and "Date of application for download DSS" should be completed. Moreover, the data of the two applications tested are identical (Investor Account, value, Quantity) and the transfer is made to the other investor balances. Where performed first the lifting, the fields are Blank.

2.15.3 Approved of Import Release File

On completion of loading of the Lifting File system produced a file with all successful entries transfers with their respective numbers of liftings, produced by the system.

FIELD	POSITION	LENGTH	REMARKS
Transaction Code	1	4	'0027'
Operator S/N	5	N(10)	From Numbering of Operator, LPAD 0
Member Code	15	10	From coding of DSS
Request Date	25	8	DDMMYYYY
S/N Request of lifting	33	N(7)	Is given by DSS, LPAD 0
Transaction id	40	N(10)	Is given by DSS ,LPAD 0

2.15.4 Rejected of Import Release File

In case that the import file errors detected, the system produce the following Error File which aims to enable the Operator to correct the master file.

FIELD	POSITION	LENGTH	REMARKS
Transaction Code	1	4	'0027'
Operator S/N	5	N(10)	From Numbering of Operator, LPAD 0
Member Code	15	10	From coding of DSS
Request Date of Lifting	25	8	DDMMYYYY
Error Code	33	A(10)	From coding of DSS
Error Description	43	132	From coding of DSS

2.16 Import Corp. Action Instructions File

After the introduction of this file DSS enables to investor to participate in corporate actions such as "dividend reinvestment", "Participation in Corporate Action", "Conversion Securities (warrants / bonds)", "Mandatory Redemption "and" Exercise for Rights ".

2.16.1 Structure file of Import Corp. Action Instructions File

Field	Y	Position	Type/Lenght	Remarks
Member Code	•	1	A(10)	From coding of DSS.
Record Serial Number	•	11	N(10)	This number it used to correlate each record in the file and must be unique
Securities Account Number	•	21	A(10)	

Field	Y	Possition	Type/Lenght	Remarks
Investor Abbreviation	•	31	A(15)	Optional entry, if left blank does not conduct checks.
Record type	•	46	A(3)	'100' Dividend reinvestment '145' Participation in Corporate Action '180' Squeeze out '146' Conversion Securities (warrants / bonds) '110' Exercise for Rights '147' Registration on unused rights '749' Add Fractional Operator '849' Add Fractional Investor
Security Code	•	49	A(12)	Code Underlying Securities.
Quantity	•	61	N(18)	LPAD 0 MASK '0.00'
Quantity Type	•	79	A(1)	1= The Quantity of the previous field regards to securities percenatge. (where permitted) 2=The Quantity of the previous field regards number of securities 3 = amount (Cash Value) (where permitted)
Order Duration	•	80	A(1)	1= Order concerns to the current Corp. Action
Action	•	81	A(1)	1 = enter new order (or release) 2= inactivation active (where permitted) The prices 2,3,4, reffering to existing records
Corporate Action Number	•	82	N(10)	Left padded '0'
Selection Number	•	92	N(3)	Selection Number for the Corporate Action Lpad(000)

Field	Y	Position	Type/Lenght	Remarks
Operator Reference Field	•	95	A(20)	Operator Reference for own use. It will appear at approved and rejected orders file Lpad (' ')

Remarks:

- In case that the Number of the Corporation Action is filled the field of the Order Duration does not checked.
- The Option number refers in the selection of the Corporation Action of DSS
- The number of informative field selection refers to the corresponding informative Field of corporate action on DSS
- The Serial Number of the record consists to be unique per record.
- In this case there no check to the correctness of the fields beyond the key. If not found, ACTIVE record document is rejected the record.
- Only for already registered entries in the Field action if we declare:
 - Disable Active Record (value 2) until (T), practically canceled this entry.
 - Modify Status of participation in the settlement in Freedom (value 1) after (T) until the settlement day, practically involved in the settlement again.
 - Modify Status of participation in the settlement in Waiting (value 2), after (T) until the settlement day, practically does not participate in the settlement. All the orders in the initial registration are recorded as free.

2.16.2 Records Information Options field

Field	Y	Position	Type/Length	Remarks
Member Code	•	1	A(10)	From coding of DSS.
Record Serial Number	•	1	N(10)	Must be identical with the Record S / N in the previous record of the file type was '999 '
Securities Account Number	•	21	A(10)	
Abbreviation Investor	•	31	A(15)	
Type of Record	•	46	A(3)	'999'
Number of informative field selection	•	49	N(3)	Number of informational selection field. Put the number of additional field (eg crest participant id = 001)
Price	•	52	A(100)	LPAD 0 MASK '0.00'

Note: The records of information fields choices in relation to the main recording, repeated as many times as is required by the additional fields.

2.16.3 File approved Orders

On completion of loading of the file produced by the system a file of all successful listings movements with the corresponding numbers, which were produced by the system.

Field	Y	Position	Type/Length	Remarks
Date of Added	•	1	DATE (ddmmyyyy)	Date of file import
Serial number of Registration	•	9	N(10)	Refers to the S/N registration in file
Num. Of Order at DSS	•	19	N(15)	The unique number which assigned to DSS for each order of participation in Corporate Action
Reference Members Field		34	A(20)	Number of informative field selection
Transaction S/N at DSS		54	N(10)	In case of movement of securities from calendar movements DSS

2.16.4 File Order rejected

If the import file errors detected by the system produced the following file errors which is intended to facilitate the Member to correct the master file.

Field	Y	Position	Type/Length	Remarks
Date of Added	•	1	DATE (ddmmyyyy)	Date of file import
Serial number of Registration	•	9	N(10)	Refers to the S/N registration in file
Error Code	•	19	A(10)	Attributed by the DSS
Error Description	•	29	A(80)	Attributed by the DSS
Reference Member field		34	A(20)	Number of informative field selection

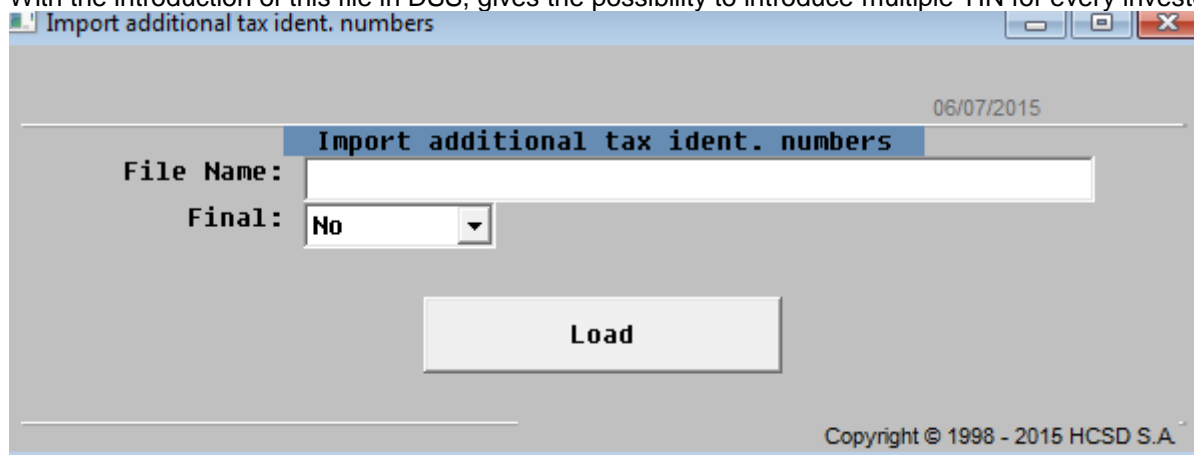
The following table shows the relevant error codes and their descriptions.

Wrong code	Description
CSD-50001	Wrong type of command code

CSD-50002	Wrong code type of quantity
CSD-50003	Wrong code of duration Order
CSD-50004	Wrong code action
CSD-50005	Nonexistent Order
CSD-50100	Not permitted General Order with Duration "Next Corporate Action"
CSD-50101	Not permitted General Order with Type "Numeric"
CSD-50102	Not permitted type "Numeric" and Price not "Integer"
CSD-50105	Not permitted type "Percentage" and Price > 100
CSD-75065	The characters on the type of Order are not correct.
CSD-75066	The characters for the Duration of Order are not correct.
CSD-75067	The characters for the Corporate Act are not correct
CSD-75068	The kind of registration is not identical to the Corporate Action
CSD-75069	The value is not identical to the Value of Corporate Action
CSD-75070	The type of quantity is not allowed for this task
CSD-75071	The characters for the Selection number is not correct
CSD-75072	Invalid Option for Corporate Action
CSD-75073	The characters for Action is not correct
CSD-75074	You may not register type 999 without a Selection
CSD-75075	Registration of Information Option Selection is not identical with the registration of commands
CSD-75076	Invalid Field for Corporate Action and Select.

2.17 Import additional tax identification numbers.

With the introduction of this file in DSS, gives the possibility to introduce multiple TIN for every investor:



2.17.1 Structure of import additional tax identification numbers file

The drawing pattern of the file is the following:

Field	Y	Position	Type/Length	Remarks
s/n record file	•	1	A(10)	
Operator code	•	11	A(10)	From DSS codes
Investor account	•	21	A(10)	
Action	•	31	A(1)	I - New entry D - Deactivation
Issue contry	•	32	A(2)	From DSS codes (ISO 3166-2:LC)
TIN	Y*	34	A(15)	* Required only for action I (rpad blanc)
Tax office	Y*	49	A(15)	* Required only for GR country only for action multi TIN entry I (rpad blanc)

Remarks:

Acceptable partial entry of the file and checks out the main elements (that does not recognize the user as additional elements that are recognized as key elements of the ration) and that does not register TIN single country differently at second time. For Greek TIN check the algorithm.

2.17.2 File approved Orders

Field	Position	Type/Length	Remarks
Registration date	1	date	ddmmyyyy
s/n record file	9	A(10)	From insert file
Investor account	19	A(10)	
Issue contry	29	A(2)	

2.17.3 File Order rejected

Field	Position	Type/Length	Remarks
Registration date	1	date	ddmmyyyy
s/n record file	10	A(10)	From insert file
Error code	20	A(10)	
Describing of error	30	A(80)	

2.18 Import Investor Bank Accounts File

With the creation of this file, would enable to registration in DSS, Bank Accounts (BIC from already suggested the DSS, currency and IBAN), one per currency, with the following form:

Field	Y	Position	Type/Length	Remarks
s/n record file	Y	1	A(10)	
Operator code	Y	11	A(10)	From DSS codes
DSS Investor account	Y	21	A(10)	
Action	Y	31	A(1)	I - New entry D - Deactivation

Indication Investor Participation in financial distribution through Operators		32	A(1)	N = (No) Blanc = No action
Bank	Y	33	A(11)	(RPAD blanc), the price shows Bic
Currency	Y	44	A(3)	From DSS codes
IBAN	Y	47	A(31)	(RPAD blanc)

Notes:

- Acceptable partial entry of the file and checks out the main elements (that does not introduce the operator's bank account already registered) is correctness check the structure of the bill and that it recognizes IBAN for the same currency different second time.

2.18.1 File approved Orders

Field	Position	Type/Length	Remarks
Registration date	1	date	ddmmyyyy
s/n record file	9	A(10)	From insert file
Investor account	19	A(10)	From insert file
IBAN	29	A(31)	From insert file

2.19 File regarding the Disclosure of the Obligated Shares based on Regulatory Frameworks

With the introduction of this file to the DSS, the Operators are given the opportunity to register the Investor Shares, which are under their operation and they are obligated under regulatory frameworks of international administrative co-operation. The drawing pattern is the following:

Field	Y	Position	Type/Length	Remarks
Record S/N	•	1	N(10)	LPAD 0 π.χ. 0000000001
Member Code	•	11	A(10)	From coding of DSS.
Investor Share Code	•	21	A(10)	The Investor Share Code that will be determined as being obligated for Administrative cooperation
Regulatory Framework	•	31	A(2)	01 = Obligation to Submit Data FATCA 02, 03 = Etc will be announced
Action	•	33	A(1)	I = New entry. The existence of an active entry for the same Investor Share and the same Framework will be

Field	Y	Position	Type/Length	Remarks
				checked. If such an entry is found, the corresponding line will be rejected followed by an error message D = Deactivation. The existence of an active entry for the same Investor Share and the same Framework will be checked for the specific Operator (each Operator will be able to deactivate only his own). If found, it will be deactivated. otherwise an error message will be appeared.
Account Holder Type		34	A(3)	Mandatory only for liable legal entities: 101 – FATCA101 Owner documented FFI with specified us owners (ODFFI) 102 – FATCA102 Passive NFFE with substantial US owners 103 – FATCA103 Non-Participating FFI 104 – FATCA104 Specified US persons 105 – FATCA105 Direct Reporting NFFE

Approved Orders

Field	Position	Type/Length	Remarks
Record S/N	1	N(10)	From Insert File
Investor Share Code	11	A(10)	From Insert File
Regulatory Framework	21	A(2)	From Insert File

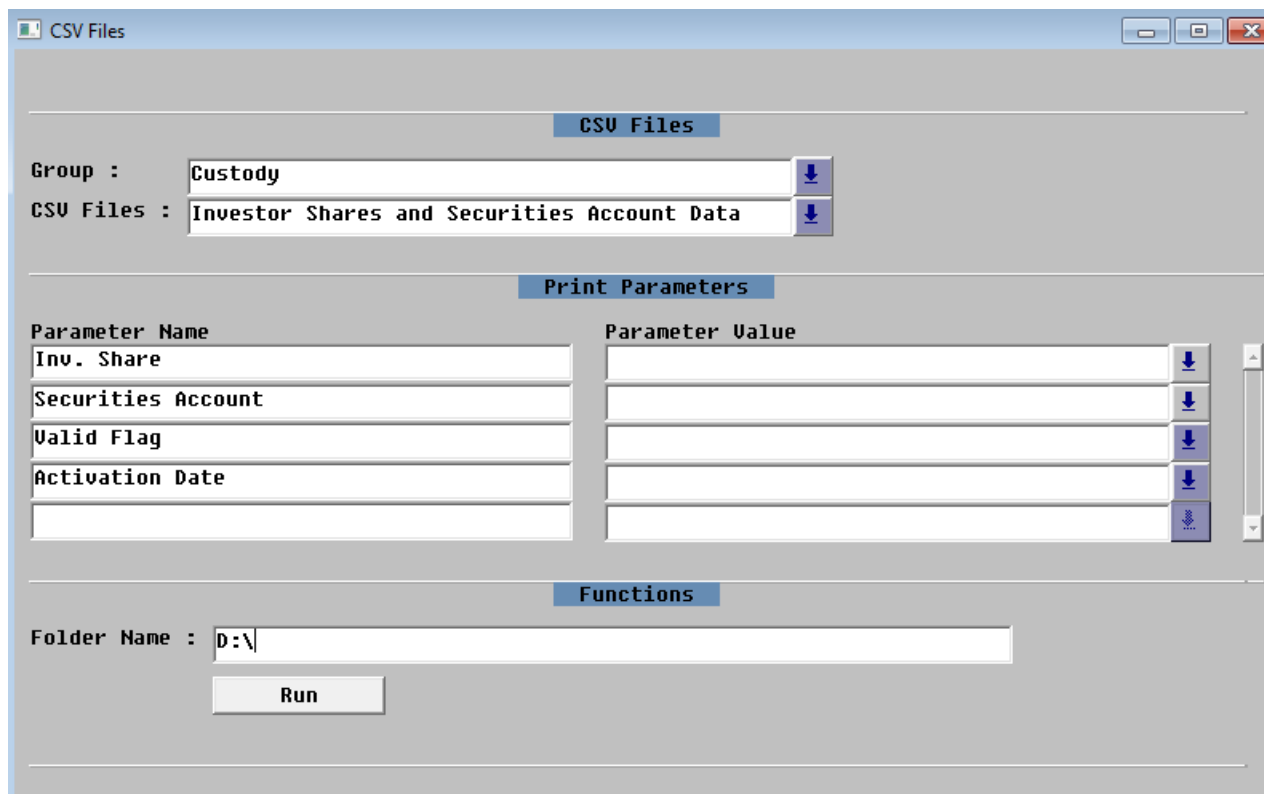
Rejected Orders

Field	Position	Type/Length	Remarks
Record S/N	1	N(10)	From Insert File
Investor Share Code	11	A(10)	From Insert File
Regulatory Framework	21	A(2)	From Insert File
Error Code	23	A(10)	Attributed by the DSS
Describing of error	33	A(200)	

3 Electronic files provided by the DSS to Operators

3.1 (Export) Investor Shares and Securities Account Data

This function enables the operators to produce by the DSS files with data of Investor's Shares and Securities Accounts of their investors. This file will not be produced via menu selection (Custody => Files => Export => Investor Shares and Accounts) but through the CSV file group (**system administrator-csv files-custody-investor shares and securities account date**):



The screenshot shows the 'CSV Files' application window. The 'Group' is set to 'Custody' and the 'CSV Files' is set to 'Investor Shares and Securities Account Data'. The 'Print Parameters' section is active, showing a table with the following parameters:

Parameter Name	Parameter Value
Inv. Share	
Securities Account	
Valid Flag	
Activation Date	

Below the table, the 'Functions' section shows the 'Folder Name' set to 'D:\' and a 'Run' button.

The drawing patterns of the produced file is the following:

Field	Position	Type/Length	Remarks
Member Code	1	A(10)	From coding of DSS.
Record Serial Number	11	N(10)	Record S/N
Investor Share Code (DSS)	21	A(10)	
Surname or Full legal denomination of the legal entity	31	A(200)	
Surname/Full name of the legal person	231	A(30)	
Father's Name	261	A(15)	

Field	Position	Type/Length	Remarks
Investor Abbreviation	276	A(15)	
Tax Identification Number	291	A(15)	
Competent tax office	306	A(15)	
Indication for the class of the shareholders	321	A(1)	1 = Natural Person, 2 = Legal Person, 3 = Group, 4 = Issuer 5 = Co-owner share
Corporate Form	322	A(15)	
Occupation/business Activity	337	A(25)	
Registered Office	362	A(80)	
Representative of the legal person	442	A(60)	
Nationality	502	A(2)	From coding of DSS.
Class of certificate of Recognition	504	A(1)	1 = ID Card no 2 = Passport 3 = Register No 4 = Commercial Registry Number O = Other
Number certificate of Recognition	505	A(25)	
Date of issuing the certificate of recognition	530	D(8)	DDMMYYYY
Issuing authority of certificate of recognition	538	A(60)	
Issuing country of certificate of recognition	598	A(2)	From coding of DSS.
Investor's Date of Birth	600	D(8)	DDMMYYYY
Address and number	608	A(40)	
P.C	648	A(10)	
City	658	A(20)	
Country	678	A(2)	From coding of DSS.
Telephone number	680	A(15)	
FAX	695	A(15)	
E-mail	710	A(64)	

Field	Position	Type/Length	Remarks
Number of Securities Account	774	A(10)	
Contact Person	784	A(60)	
Address and number	844	A(40)	
P.C.	884	A(10)	
City	894	A(20)	
Country	914	A(2)	From coding of DSS.
Telephone Number	916	A(15)	
FAX	931	A(15)	
Client Code (OASIS)	946	A(12)	
Request Code from Member	958	A(15)	Code Request which attributed by the Member
Custodian	973	A(69)	
Check Digit of Share	1042	A(1)	
Check Digit of Account	1043	A(1)	
Indication Confirmation of Share	1044	A(1)	0 = Not Confirmed 1 = Confirmed 2 = Problematic
Indication Confirmation of Account	1045	A(1)	0 = Not Confirmed 1 = Confirmed 2 = Problematic
Country of Tax Residence	1046	A(2)	From coding of DSS.
Participation in Cash Distribution	1048	A(1)	1 = YES 0 = NO
Date of activation the Statement of Use	1049	D(8)	DDMMYYYY
Tax person liable	1057	A(1)	0 = YES 1 = NO
Term Heritage for Co-Own Shares	1058	A(1)	1 – YES 0 – NO Applying the condition that in case of death of one the join holders, the values automatically to other vested pursuant to subsections1 Article 2 of Law 5638/1932. The Field filled only in cases of joint account.
Country of incorporation	1059	A(2)	From coding of DSS.
General Statistical Category	1061	A(10)	(LPAD space) filled with the code of Sector Economy that fits the Investor Share (as specified in the Table in Appendix)
Special Statistical	1071	N(10)	(LPAD space) filled with the code of sub Sector Economy

Field	Position	Type/Length	Remarks
Category			that fits the Investor Share (as specified in the Table in Appendix)
Type	1181	N(1)	1 = Soc. Sec. Number 2 = LEI O = Other
Unique fixed identification number	1082	A(30)	
Email address of Legal Representative	1112	A(64)	(RPAD blanc)

3.2 (Export) Account Co Holders

This function enables the operators to produce by the DSS files with data of Investor's Shares and Securities Accounts of their investors..

The drawing patterns of the produced file is the following:

Field	Position	Type/Length	Remarks
Member Code	1	A(10)	
Serial Number of Record	11	N(10)	
Joint Investor Account or Co-owner share	21	A(10)	
Code of Joint owners of Joint Investor Account or of Member	31	A(10)	
Percentage of joint proprietorship	41	N(5,3)(6)	Form 99.999 Left blank lin the case of Co-owner Share
Digit Control Group Account or Co-owner share	47	A(1)	

3.3 (Export) Authorisation for Use File

This function enables the operators to produce by the DSS files with data of Authorization of Uses of Investor's Shares and Securities Accounts of their investors.

The drawing pattern of the produced file is the following:

Field	Position	Type/Length	Remarks
Member Code	1	A(10)	From coding of DSS.
Serial Number	11	N(10)	
Investor Account	21	A(10)	

Field	Position	Type/Length	Remarks
Client Code (OASIS)	31	A(12)	
Activation Date	43	D(8)	DDMMYYYY
Remarks	51	A(33)	
Investor Share	84	A(10)	From coding of DSS.
Participation in Cash Distribution	94	A(1)	1 = YES 0 = NO
indication "Don't use IBAN for payments with funds from a foreign remittance"	95	A(1)	1 = indication Enable 2 = indication to deactivate Rpad blank
indication "Don't use IBAN other than in Paying Bank"	96	A(1)	1 = indication Enable 2 = indication to deactivate Rpad blank
Deactivation date	97	D(8)	DDMMYYYY

3.4 (Export) Invstor Shares update file

Field	Position	Type/Length	Remarks
Record S/N	1	A(10)	
Member Code	11	A(10)	From coding of DSS.
Investor Share Code	21	A(10)	
Investor Account Code	31	A(10)	
Change Date	41	D(8)	DDMMYYYY
Change Field Code	49	A(2)	From coding of DSS. Each field of the Data of the Investor Share and Account is encoded according to the following table.
Old field value	51	A(200)	
New field value	251	A(200)	

3.4.1 Code of Field Changes Table

S/N	Description	Length
1	Surname/Corporate Name	200

S/N	Description	Length
2	Surname/Full name of the legal person	30
3	Father's Name	15
4	Date of Birth	8
5	Person Indication	1
6	Responsible	60
7	Registered Offices	80
8	Corporate Status	15
9	Type of Certificate	1
10	Certificate Number	20
11	Date of Issue	8
12	Issuing Authority	60
13	Tax Identification Number	15
14	Competent tax office	15
15	Country of Tax Residence	2
16	Citizenship	2
17	Occupation	25
18	Address	40
19	P.C.	10
20	City	20
21	Country	2
22	Telephone	15
23	Fax	15
24	Custodian	80
25	E-Mail	64
26	Contact Person	60
27	Address	40
28	P.C.	10
29	City	20
30	Country	2
31	Telephone	15
32	Fax	15

S/N	Description	Length
33	Customer Reference Number in Member	12
34	Indication of tax liability of Corporate Bonds	1
35	Custodian	80
36	Issuing Country of Certificate	2
37	Participation in Cash Distribution	1
38	Activate / Deactivate Authorization of Use	11
39	Term of Heritage	1
99	Date of deactivation of correlation group member	8
40	Country of incorporation	2
41	General Statistical Category	10
42	Special Statistical Category	10
43	Type	1
44	Unique fixed identification number	30
45	Email address of Legal Representative	64

3.5 (Export) Security Account Balances

With this function given the opportunity to Members to produce from the DSS files with the balances of the securities accounts of their investors.

The drawing pattern of the produced file is the following:

Field	Position	Type/Length	Remarks
Member Code	1	A(10)	
Serial Number of Record	11	N(10)	
Investor Share Code	21	A(10)	
Account Code	31	A(10)	
Investor Abbreviation	41	A(15)	
Security Code	56	A(12)	From coding of DSS.
Remainder Code	68	A(4)	From coding of DSS.
Date of Clearance	72	D(8)	DDMMYYYY
Quantity	80	N(15)	LPAD 0

3.6 (Export) Transaction File

With this function given the opportunity to the Members to produce from the DSS files with the moves which took place on DSS

The drawing pattern of the produced file is the following:

Field	Position	Type/Length	Remarks
Member Code	1	A(10)	
Serial Number Record	11	A(10)	
Type of movement Code	21	A(2)	From coding of DSS.
Cause Movement Code	23	A(6)	From coding of DSS.
Date of Movement	29	D(8)	DDMMYYYY
Time of Movement	37	D(6)	HH(24)MMSS
Serial Number of Movement	43	N(10)	
Serial Number of Action	53	N(8)	
Investor Share Code	61	A(10)	
Account Code	71	A(10)	
Investor Abbreviation	81	A(15)	
Remainder Code	96	A(4)	From coding of DSS.
Security Code	100	A(12)	From coding of DSS.
Date of Clearance	112	D(8)	DDMMYYYY
Indication Debit / Credit	120	A(1)	1 – Debit 2 - Credit 3 - Negative Debit 4 - Negative Credit
Quantity	121	N(15)	LPAD 0
Member of Destination	136	A(10)	
S/N of Pledge	146	N(10)	LPAD 0
Trading System Code (note)	156	A(4)	
Date of Transaction (note)	160	D(8)	DDMMYYYY

Field	Position	Type/Length	Remarks
S/N of Transaction (note)	168	N(7)	LPAD 0
S/N of Corporation Action	175	N(6)	LPAD 0
Quantity of new Securities	181	N(15)	TSS : declares the part of 'Quantity' concerning 'new' balance. LPAD 0
Monetary value of quantity of new Securities	196	N(15,2)	TSS : Average acquisition cost of Quantity of new securities. LPAD 0

Note: The key of the transaction (trading system code, date of transaction and S/N of transaction) appears only for movements clearance (codes 41/51 - 43/53 - 47/57 and 99). Some clearance movements can become massive and therefore the movements that have become massively not mentioned the transaction key.

Note: if the field contents quantity and monetary value of new securities contains blank means that not completed their tax process.

3.7 (Export) Certificates Printed File

The file produced by the operators to control the certificates printing for corporate actions which produce certificates to investors.

The data included in the files are classified in the following types of records:

Record Type	Description
00	Header Record
	Detailed Record

The drawing pattern of the produced file is the following:

Record Type '00' (Header Record)			
Field	Position	Type/Length	Remarks
Recording indicator	1	A(2)	00 - (zero-zero)
File Type	3	A(6)	000026 - Statement for Operator Certificates Dividend, Interim Dividend, capital return for Societe Anonyme securities 000032 - Statement for Operator Certificates Coupon 000033 - Statement for Operator Certificates Redemption of Bonds 000059 - Statement for Operator of fractional
Company Code at DSS	9	A(6)	From coding of DSS.
Delivery Code File	15	A(6)	LPAD 0

Field	Position	Type/Lenght	Remarks
Date and Time of Production	21	D(12)	DDMMYYYYHH(24)MM
Number of records type 01	33	N(10)	LPAD 0
Number of records type 02	43	N(10)	LPAD 0
Number of records type 06 (in type file 06) 09 (file type 13,15)	53	N(10)	LPAD 0
Number of records file	63	N(10)	LPAD 0
Total Entries	73	N(10)	LPAD 0
Total Securities Quantity	83	N(15)	LPAD 0
Security Code	98	A(12)	
Corporate Action Number	110	N(10)	LPAD 0 From coding of DSS
Shareholders Record Date	120	D(8)	DDMMYYYY

(Detailed Record)			
Field	Position	Type/Lenght	Remarks
Record S/N/	1	N(8)	
Member Code	9	A(10)	
S/N Blocking (Certification)	19	N(10)	LPAD 0
Investor Name	29	A(200)	As has occurred by DSS
Investor Share Code (DSS)	229	A(10)	
Tax Identification Number	239	A(15)	Tax Identification Number or indication "DOES NOT EXIST"
Quantity	254	N(15)	LPAD 0

3.8 Printed Certificated File of Preferences Rights

The file produced by the operators to control the certificates printing for corporate actions which produce certificates to investors.

The data included in the files are classified in the following types of records:

Record Type	Περιγραφή
00	Header Record
	Detailed Record

The drawing pattern of the produced file is the following:

Record Type '00' (Header Record)			
Field	Position	Type/Lenght	Remarks
Indication Record	1	A(2)	00 - (Zero Zero)
Fiel Type	3	A(6)	000016 – Notification of blockings for Preference Rights
Company Code at DSS	9	A(6)	From coding of DSS.
Delivery Code File	15	A(6)	LPAD 0
Date and Time of Production	21	D(12)	DDMMYYYYHH(24)MM
Number of records type 01	33	N(10)	LPAD 0
Number of records type 02	43	N(10)	LPAD 0
Number of records type 06 (infile type 06) 09 (type files 13,15)	53	N(10)	LPAD 0
Number of records file	63	N(10)	LPAD 0
Total Entries	73	N(10)	LPAD 0
Total Securities Quantity	83	N(15)	LPAD 0
Security Code	98	A(12)	
Corporate Action Number	110	N(10)	LPAD 0 From coding of DSS.
Shareholders Record Date	120	D(8)	DDMMYYYY

(Detailed Record)			
Field	Position	Type/Lenght	Remarks
Company Code at DSS	1	A(6)	From coding of DSS.
Record increasing numbering	7	A(7)	

Field	Position	Type/Lenght	Remarks
Indication Record	14	A(2)	11 Blockings
Internal Numbering	16	N(2)	In the context of numbering (01)
Investor Share Code (DSS)	18	N(10)	
Check Digit Share Code	28	N(1)	
Investor Abbreviation	29	A(15)	As has occurred in DSS
Tax Identification Number	44	A(15)	Tax Identification Number or indication "DOES NOT EXIST"
Class of certificate of recognition	59	A(1)	1 = ID 2 = Passport 3 = Company Registry Number 4 = Commercial Registry Number O =Other
Number certificate of recognition	60	A(25)	Approved and the indication DOES NOT EXIST"
Securities Account Number	85	N(10)	
Check Digit Account	95	N(1)	
Member Account Code	96	A(10)	
S/N Blocking (Certification)	106	N(10)	LPAD 0
Quantity	116	N(10)	LPAD 0
Characterization of Quantity	126	N(4)	9999= without characterization

3.9 Printed Certificates File (State Bonds)

The file produced by the operators to control the certificates printing for discounting government Bonds.

The data included in the files are classified in the following types of records:

Record Type	Description
00	Header Record
	Detailed Record

The drawing pattern of the produced file is the following:

Record Type '00' (Header Record)			
Field	Position	Type/Lenght	Remarks
File Type	1	A(6)	000036 - Statement for Operator Discounted Securities (government Bonds)
Company Code at DSS	7	A(6)	From coding of DSS.
Date and Time of Production	13	A(12)	DDMMYYYYHH(24)MM
Total Entries	25	N(10)	LPAD 0
Total Quantity of Securities	35	N(15)	LPAD 0
Security Code	50	A(12)	
Corporate Action Number	62	N(10)	RPAD From coding of DSS

(Detailed Record)			
Field	Position	Type/Lenght	Remarks
Record S/N	1	N(8)	
Member Code	9	A(10)	
Certification S/N	19	N(10)	LPAD 0
Investor Name	29	A(200)	From coding of DSS
Investor Share Code (DSS)	229	A(10)	
Tax Identification Number	239	A(15)	Tax Identification Number or indication "DOES NOT EXIST"
Quantity	254	N(15)	LPAD 0

3.10 (Export) Blockings Log File

Field	Position	Length	Remarks
Serial Number of Record	1	10	LPAD 0
Action Indication	11	2	Coding by DSS - See Table "Display Burdens "
Special action Code	13	2	Coding by DSS - See Table "Indication of Special operation"
Date & Time Listing	15	16	DDMMYYYYHH(24):MM:SS
Serial Number Pledge / lien Financial Security	31	10	LPAD 0
Serial Number of Declaration of Intent	41	10	LPAD 0
Share Code Debtor / Collateral provider	51	10	
Name Debtor / Collateral provider	61	200	
Share Code Creditor / Collateral taker	261	10	
Name / Corporate Name - Creditor / Collateral taker	271	200	
Member Code Return Debtor / collateral provider	471	10	Coding by DSS
Member Code Return Creditor / Collateral taker	481	10	Coding by DSS
Security Code	491	12	Coding by DSS
Quantity	503	15	LPAD 0
Terms			
Indication Extension Term A	518	1	Bonus Issue '1' = Extended '2' = To the Debtor
Indication Extension Term B	519	1	Split '1' = Extended '2' = To the Debtor
Indication Extension Term C	520	1	Conversion '1' = Extended '2' = To the Debtor
Indication Extension Term D	521	1	Dividend '3' = To the creditor '2' = To the Debtor
Indication Extension Term E	522	1	Participation in General Assembly '3' = To the creditor '2' = To the Debtor
Indication Extension Term F	523	1	Rights to exercise issue preemptive rights

Field	Position	Length	Remarks
			'3' = To the Creditor '2' = To the Debtor

Indication of Pledge Action

Κωδικός	Description
01	Pledging / Cash Guarantee Creation
02	Lifting of pledge / Cash Guarantee Creation
03	Expansion of pledge/ Cash Guarantee Creation
04	Modification the creditor
05	Modification terms
06	Return Operator of the Creditor
07	Update (old) Return Operator of the Creditor (inactivated)
08	Return Operator of the Debtor
09	Cancel value

The terms of burden (positions 518-523) completed only for indications action '01', '05' και '06'.

For indications action '04', '05', '07' και '08', the Special Working Code takes the value '99', to Field Security Code (positions 491-502) fill it blank and the field Quantity (positions 503-517) takes the value ten zero ('0000000000').

For indications action '06' και '09' the Special Working Code takes the value '99'.

Indication of Special Action

Code	Description
14	Pledge without declaration of intent
15	Pledge with declaration of intent
23	Pledge of conversion
26	Multiple pledge class
31	Extension of pledge rights
72	Pledge of the Issuer with file
34	Lifting multiple pledge class
52	Lifting pledge in favor of debtor - into a securities account
53	Lifting pledge in favor of debtor – into special account
54	Forced sale pledge – into a securities account
55	Forced sale pledge – into special account

a3	Lifting pledge
a4	Forced sale pledge
g1	Registration rem financial collateral
g2	Extension rem financial collateral
g3	Multiple rem financial collateral
g6	Lifting rem financial collateral
g7	Lifting Multiple rem financial collateral
99	another

3.11 (Export) Active Blockings File

The data included in the files are classified in the following types of records:

Record Type	Description
01	Pledge Data
02	Pledge values
00	Footer Record

The drawing pattern of the produced file is the following:

Pledge Data

Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'01' (Pledged Data)
Internal Numbering	•	3	N(4)	Number of Records
Serial Number of pledge	•	7	A(10)	LPAD0
Share Code Creditor / Collateral taker	•	17	A(10)	
Number of Contract	•	27	A(50)	LPAD0
Share Code Debtor / Collateral provider	•	77	A(10)	
Name / Corporate Name - Debtor / Collateral provider	•	87	A(200)	
Date of registration	•	287	A(8)	DDMMYYYY
Terms				
Distribution of Cash Dividend or of Bonus Securities to the beneficiary of the Pledged Securities.	•	295	A(1)	'1' = Extended '2' = Not Extended
Distribution of transferable securities arising from every type of conversion of Transferable securities (ex. changes in	•	296	A(1)	'1' = Extended '2' = Not Extended

the nominal value, split) or Amendment to the incorporated rights.				
Transferable securities or securities which are returned to the beneficiary of the Transferable securities from every type of corporate conversion (ex. merger, absorption) of the issuer of the Transferable securities or pursuant to conversion or exchange of dematerialized Bonds.	•	297	A(1)	'1' = Extended '2' = Not Extended
Rights on dividends, interest payments, profits or other distributions from the Transferable Securities	•	298	A(1)	'3' = Creditor '2' = Deptor
Rights to exercise the voting rights attached to the Transferable Securities	•	299	A(1)	'3' = Creditor '2' = Deptor
Rights to exercise issue preemptive rights deriving from the Transferable Securities or conversion rights of dematerialized Bonds.	•	300	A(1)	'3' = Creditor '2' = Deptor
Return Operator of the Creditor	•	301	A(10)	
Return Operator of the Debtor	•	311	A(10)	

Burdened Securities

Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'02' (burdened Securities).
Internal Numbering	•	3	N(3)	In the context of numbering records
Serial Number of burden	•	6	A(10)	LPAD0
Security Code	•	16	A(12)	
Quantity	•	28	A(15)	LPAD0

Footer Record

Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'00' (Zero)
File Type	•	3	A(6)	000060 Active Pledges 000070 Active financial collateral
Date & Time of Production	•	9	A(12)	DDMMYYYYHH(24)MI
Number of Records Type 01	•	21	N(10)	LPAD0
Number of Records Type 02	•	31	N(10)	LPAD0

Field	Y	Position	Type/Lenght	Remarks
Blank	•	41	N(10)	LPAD0
Total Entries	•	51	N(10)	LPAD0
Total Securities Quantity	•	61	N(15)	LPAD0

3.12 (Export) Transport File to Another System

The Operator can receive ASCII file with data and status (approved or rejected) applications filed by the relevant screen DSS

The data included are classified in the following types of records:

Record Type	It records
0 (zero)	Header Record (parameters of file)
1 (one)	Transfer Record
2 (two)	Final Record (Total Entries of File)

Record Type '0' (Header Record)			
Field	Position	Type/Lenght	Remarks
Indication Record	1	A(1)	'0' (zero)
Application Date	2	8	DDMMYYYY
System Code	10	4	Code based on coding at CSE

Record Type '1' (transfers)			
Field	Position	Type/Lenght	Remarks
Record Type	1	A(1)	'1'
Application Year	2	A(4)	YYYY
S/N Application	6	N(7)	LPAD 0
Date / Year Application	13	A(8)	DDMMYYYY
Investor Account Code	21	A(10)	From coding of DSS.
Security Code	31	A(12)	From coding of DSS.
Quantity of Transfer	43	N(15)	LPAD 0
Transfer Status	58	N(1)	'0' = Cancellation '1' = Pending for a public authority

Field	Position	Type/Lenght	Remarks
			'2' = Pending the answer '3' = Complete '4' = Rejected '5' = Pending for check
Transfer System	59	A(4)	From coding of DSS. '0001' = CSE '0002' = DSS
Member Code	63	A(10)	From coding of DSS.– CSE
Share of Transmission System	73	A(10)	From coding by the CSE
Account of Transmission System	83	A(10)	From coding by the CSE

Record Type '2' (Footer Record/ Number of transfers)			
Field	Position	Type/Lenght	Remarks
Indication Record	1	A(1)	'2'
Number of Records	2	N(6)	LPAD 0
Total Quantities of Requests	8	N(16)	LPAD 0

3.13 (Export) Cash Distributions File

3.13.1 Participation in Cash Distribution

Field	Position	Type/Lenght	Remarks
Member Code	1	A(10)	From coding of DSS.
Serial Number	11	A(10)	
Securities Account Number	21	A(10)	
Investor Abbreviation	31	A(15)	
Participation Indication	46	N(1)	'0' = No (Exception from the Operator) '1' = Yes '2' = No (Exception from the Issuer , Valid only for the previous Cash Distributions) '3' = No (Exception from the Operator) '4' = No (Exception from the Investor) '5' = No (Exception from administrator) not receiving benefits due Central Exception
Corporate Action	47	N(10)	From coding of DSS.

Number			
Security Code	57	A(12)	From coding of DSS.
Certification S/N	69	N(10)	LPAD 0
Quantity	79	N(10)	LPAD 0
Value of Cash Distribution (payable amount)	89	N(15)	LPAD 0 MASK '000000000009.99'
Quantity of securities reinvested	104	N(15)	LPAD 0
Beneficiary Share	119	A(10)	Only if the dividend Contact Person is other than the investor (eg creditor, usufructuary etc.)
Beneficiary Abbreviation	129	A(15)	-//-
Dividend (mixed)	144	N(20)	LPAD 0. Mask (9999999999999999.99)
Tax Amount	164	N(12)	LPAD 0. Mask (9999999999999999.99)
Category Special tax treatment	176	A(60)	
Special Percentage of withholding tax	236	N(6)	LPAD 0. Mask (999.99)
Currency	242	A(3)	
Amount of Foreign Tax	245	N(12)	LPAD 0. Mask (9999999999999999.99)
Source indication	257	N(1)	'0' = From available '1' = From Return Operator of pledge '2' = From Return Operator of usufruct '3' = From other cause

Indication of Participation in Cash Distribution by Operators	
'1' = YES	The Investor participates in the Cash Distribution and has been designated to be paid from the Operator.
'0' = No (Exception from the Operator)	The Investor has been exempted from payment from the Operator and will be paid by the paying bank (as long as prescribed), or by the Issuer (after the specified time interval).
'2' = No (Exception from the Issuer)	The Investor was excluded from the cash distribution by the Operators of the Issuer. Valid only for the previous Cash Distributions.
'3' = No (Exception from the Operator)	The Investor participates in the Cash Distribution but the Operator returns to the carrier who made the distribution, the amount of the Cash Distribution and the Investor will be paid by the paying bank (as long as prescribed), or by the Issuer (after the specified time interval).
'4' = No (Exception	This option covering the investors requests at the Depository who

Indication of Participation in Cash Distribution by Operators	
from the Investor)	do not wish to be paid by Operators. The Investor will be paid by the paying bank (as long as prescribed), or by the Issuer (after the specified time interval
'5' = No (Exception from administrator) not receiving benefits due Central Exception	This indicator informs the operator about the reason for non-receipt of benefits

3.13.2 Return of Cash Distribution (for the paying bank) (Not supplied from 02/01/2017)

For nominal values the file contains Record Type:

Record Type	It records
00	Header Record (Zero Zero)
01	Beneficiary Data
02	Cobeneficiary Data
11	Payment Rights
09	Creditor, usufructuary

For bearer securities the file contains Record Type:

Record Type	It records
00	Header Record (Zero Zero)
11	Payment Rights
09	Creditor, usufructuary

Record Type '00' (Header Record)			
Field	Position	Type/Lenght	Remarks
Recording indicator	1	A(2)	'00' (Zero Zero)
Type file	3	A(6)	000060 - File payments to Bank Cash Distributions
Code of the company in DSS	9	A(6)	From coding of DSS.
Member Code	15	A(10)	
Date and Time Production	25	A(12)	DDMMYYYYHH(24)MM
Number of Records Type 01	37	N(10)	LPAD 0
Number of Records	47	N(10)	LPAD 0

Field	Position	Type/Lenght	Remarks
Type 02			
Number of Records Type 09	57	N(10)	LPAD 0
Number of Records Type 11	67	N(10)	LPAD 0
Total Entries	77	N(10)	LPAD 0
Total Quantity of Securities	87	N(20)	LPAD 0
Security Code	107	A(12)	From coding of DSS.
Corporate Action Number	119	N(10)	LPAD 0 From coding of DSS.
Shareholders Record Date	129	A(8)	DDMMYYYY
Payable Dividend	137	N(22,2)	LPAD 0
File Key			

Record Type '01' (Beneficiary Data)			
Field	Position	Type/Lenght	Remarks
Company Code at CSD	1	A(6)	From coding of DSS.
Numbering	7	N(7)	Unique number for correlating records of shareholder, beneficiaries and Allocation
Indication Record	14	A(2)	'01' (Shareholder)
Internal Numbering	16	N(2)	'00' (The record of the shareholder is unique)
Surname or Full legal denomination of the Legal Person	18	X(200)	
Surname/Full name of the legal person	218	X(30)	Only for Natural Persons
Father's Name	248	X(15)	Only for Natural Persons
Tax Identification Number	263	X(15)	Tax Identification Number or indication "DOES NOT EXIST"
Competent Tax Office	278	X(15)	Competent Tax Office or indication "DOES NOT EXIST"
Indication of Shareholder Type	293	A(1)	"1" Natural Persons, "2" Legal Persons "3" Joint Holders,

Field	Position	Type/Lenght	Remarks
			“4” Issuer, “5” Common Share
Corporate Status	294	X(15)	Only for Legal Persons
Occupation / business activity	309	X(25)	Occupation (Natural Persons) Business activity (Legal Persons)
Registered Office	334	X(80)	Only for Legal Persons
Contact Person	414	X(60)	Only for Legal Persons
Nationality	474	A(2)	From coding of DSS.
Investor Share Code (DSS)	476	N(10)	LPAD 0.
Check Digit of share number	486	N(1)	
Class of certificate of	487	A(1)	“1” = ID, “2” = Passport, “3” = Corporate registration number, “4” = Comercial Registry Number “O” = Other
Number certificate of recognition	488	X(25)	Identification number or indication “DOES NOT EXIST”
Date of issuing the certificate recognition	513	A(8)	DDMMYYYY
Issuing authority of certificate of recognition	521	X(60)	Authority or indication “DOES NOT EXIST”
Issuing country of certificate of recognition	581	X(2)	From coding of DSS
Address and Number	583	X(40)	
PC	623	X(10)	
City	633	X(20)	
Country	653	A(2)	From coding of DSS.
Telephone	655	X(15)	
FAX	670	X(15)	
E-mail	685	X(64)	
Contact Person	749	X(60)	
Address and Number	809	X(40)	
PC	849	X(10)	

Field	Position	Type/Lenght	Remarks
City	859	X(20)	
Country	879	A(2)	From coding of DSS.
Telephone	881	X(15)	
FAX	896	X(15)	
Mountain Heritage for Joint Shares	911	A(1)	1 – YES 0 – NO Applying the condition that in case of death of one the join holders, the values automatically to other vested pursuant to subsections1Article 2 of Law 5638/1932.. The Field completed only in cases of joint account.
Country of incorporation	912	A(2)	From coding of DSS
General Statistical Category	914	A(10)	(RPAD blanc) Completed by the Department of Economics code that fits the Investor
Ειδική Στατιστική Κατηγορία	924	N(10)	(RPAD blanc)
Type	934	N(1)	
Unique fixed identification number	935	(A30)	
Record Key			

Record Type '02' (joint holder)			
Field	Position	Type/Lenght	Remarks
Company Code at DSS	1	N(6)	From coding of DSS.
A. Numbering	7	N(7)	
Indication Record	14	A(2)	'02' (joint holder)
Serial Number joint holder	16	N(2)	
Surname or Full legal denomination of the Legal Person	18	X(200)	
Surname/Full name of the legal person	218	X(30)	Only for Natural Persons
Father's Name	248	X(15)	Only for Natural Persons
Tax Identification Number	263	X(15)	Tax Identification Number or indication "DOES NOT EXIST"

Field	Position	Type/Lenght	Remarks
Competent Tax Office	278	X(15)	Competent Tax Office or indication "DOES NOT EXIST"
Person Indication	293	A(1)	1 - physical 2 – Legal Person
Corporate Status	294	X(15)	Only for Legal Persons
Occupation / business activity	309	X(25)	
Registered Office	334	X(80)	Only for Legal Persons
Representative of the legal person	414	X(60)	Only for Legal Persons
Nationality	474	A(2)	From coding of DSS.
Investor Share Code (DSS)	476	N(10)	LPAD 0 Personal share number of joint holder
Check Digit Share Code	486	N(1)	
Class of certificate of recognition	487	A(1)	"1" = ID, "2" = Passport, "3" = Corporate registration number, "4" = Commercial Registry Number "O" = other (O= capital Latin)
Number certificate of recognition	488	X(25)	Number certificate or indication "DOES NOT EXIST"
Date of issuing the certificate recognition	513	A(8)	DDMMYYYY
Issuing Authority of certificate of recognition	521	X(60)	Issuing Authority or indication "DOES NOT EXIST"
Issuing country of certificate of recognition	581	A(2)	From coding of DSS.
Address and Number	583	X(40)	
P.O.	623	X(10)	
City	633	X(20)	
Country	653	A(2)	From coding of DSS.
Telephone	655	X(15)	
FAX	670	X(15)	
E-MAIL	685	X(64)	
Percentage of shared	749	A(7)	Form 999.999

Field	Position	Type/Lenght	Remarks
ownership			form 999.999 The record field in cases concerning Co-owners Share. If not the Field left blank
Record Key			

Record Type '11' (Payment Options)			
Field	Position	Type/Lenght	Remarks
Company Code at CSD	1	A(6)	From coding of DSS
Ascending Numbering of Allocation	7	A(7)	
Indication Record	14	A(2)	'11' (Allocation)
Internal Numbering	16	N(2)	In the context of numbering
Certification S/N	18	N(10)	LPAD 0
Quantity	28	N(15)	LPAD 0
Characterization of Quantity	43	N(4)	'9999' = Without characterization '0003' = Pledge '0004' = Usufruct '0005' = Cash Collateral
Payable Dividend (after the deduction of tax and the value of reinvestment)	47	N(20)	LPAD 0. Mask (9999999999999999.99)
Securities Quantity of reinvestment	67	N(15)	LPAD 0 In case of participation in a program of reinvestment
Dividend (mixed)	82	N(20)	LPAD 0. Mask (9999999999999999.99)
Tax Amount	102	N(12)	LPAD 0. Mask (999999999.99)
Category of Special tax treatment	114	A(60)	
Special Percentage of withholding tax	174	N(6)	LPAD 0. Mask (999.99)
Currency	180	A(3)	
Amount of Foreign Tax	183	N(12)	LPAD 0. Mask (999999999.99)
Bank	195	A(11)	RPAD blanc
IBAN	206	A(31)	RPAD blanc
Record Key			

Record Type '09' (Usufructuary or Creditor)			
Field	Position	Type/Lenght	Remarks
Company Code at DSS	1	N(6)	From coding of DSS.
Numbering	7	N(7)	
Indication Record	14	A(2)	'09' (Usufructuary or Creditor)
Serial Number of Record Quantity	16	N(2)	Internal numbering Record Type 11 referred usufruct or pledge
Surname or Full legal denomination of the Legal Person	18	X(200)	
Surname/Full name of the legal person	218	X(30)	Only for Natural Persons
Father's Name	248	X(15)	Only for Natural Persons
Tax Identification Number	263	X(15)	Tax Identification Number or indication "DOES NOT EXIST"
Competent Tax Office	278	X(15)	Competent Tax Office or indication "DOES NOT EXIST"
Person Indication	293	A(1)	1 - Natural Person 2 – Legal
Corporate Status	294	X(15)	Only for Legal Persons
Occupation / business activity	309	X(25)	Occupation (Natural Persons) Business activity (Legal Persons)
Registered Office	334	X(80)	Only for Legal Persons
Representative of the legal person	414	X(60)	Only for Legal Persons
Nationality	474	A(2)	From coding of DSS.
Investor Share Code (DSS)	476	N(10)	LPAD 0. Usufructuary's / Pledge holder's Share
Check Digit of Share Code	486	N(1)	
Class of certificate of recognition	487	A(1)	1 = ID Card no 2 = Passport 3 = Register No 4 = Commercial Registry Number O = Other
Number certificate of recognition	488	X(25)	Number certificate or indication "DOES NOT EXIST"

Field	Position	Type/Lenght	Remarks
Date of issuing the certificate recognition	513	A(8)	DDMMYYYY
Issuing Authority of certificate of recognition	521	X(60)	Issuing Authority or indication "DOES NOT EXIST"
Issuing country of certificate of recognition	581	A(2)	From coding of DSS.
Address (Street and number)	583	X(40)	
P.O.	623	X(10)	
City	633	X(20)	
Country	653	A(2)	From coding of DSS.
Telephone	655	X(15)	
Fax	670	X(15)	
E-MAIL	685	X(64)	
Record Key			

3.14 (Export) File Registered Orders for Corporate Actions

To update the back - office applications for operators, the DSS produces file that look more data of registered orders for particular corporate action.

The user can choose whether to include the file commands of the operator for a specific account or for all (%) for a specific state active / inactive or all (%) and for a specific value or for all (%).

In Field put the file name path (saving, usually produced files from DSS (eg D:\etairiki_31383.txt).

The drawing pattern of the produced file is the following:

Field	Y	Position	Type/Lenght	Remarks
Member Code	•	1	A(10)	From coding of DSS.
Order Number at DSS	•	11	N(10)	
Securities Account Number	•	21	A(10)	
Investor Abbreviation		31	A(15)	
Order Type	•	46	A(3)	'100' Dividend Reinvestment '145' Participation in Public Offer '180' Obligatory Acquisition '146' Exercise of Warrants

Field	Y	Position	Type/Lenght	Remarks
				'110' Exercise of Preference Rights
Security Code	•	49	A(12)	From DSS coding
Quantity	•	61	N(18)	LPAD 0 '0.00'
Quantity Type	•	79	A(1)	1= The Quantity of the previous Field concerns percentage values . 2= The Quantity of the previous Field concerns number of values . 3= Cash Value
Order Duration	•	80	A(1)	1= Order applies to the current Corporation Action
Active	•	81	A(1)	1 = Active 2 = Inactive
Modification Date		82	DATE(19)	DD/MM/YYYY HH:MM:SS
Corporate Action Number		101	N(10)	
Option Number		111	N(3)	
Number of informational field selection		114	N(3)	
Value informational field selection		117	A(100)	

3.15 (Export) Structure of OTC Registered orders

To update the back-office applications for operators, the DSS produces file that seem more items registered for a specific Settlement date.

The user can choose whether to include the file handler commands or commands that the operator is the counterparty.

The drawing pattern of the produced file is the following:

Field	Position	Type (Length)	Remarks
Serial Number (S/N) of order at DSS	1	N (15)	The unique number which assigned by DSS to each settlement order which entered in the system
Registration Date	16	DATE (ddmmyyyy)	The registration date of the order in the DSS
Operator	24	A(10)	Operator listing
Operator Reference Code	34	A(20)	Reference Code which can enter the Operator for his own use. There is no control of the DSS.
Order Type (Receipt / Delivery)	54	A(1)	R =RECEIVING - D= DELIVERY
Delivery with or without payment	55	A(1)	1= DVP , 2=FOP

Field	Position	Type (Length)	Remarks
Cause of trans	56	A(1)	1 = Transaction 2 = Lending 3 = Return Lending 4 = Collateral 5 = Return Collateral 6 = Reregistration 7 = Reregistration with tax (Repealed by 02/07/2012 and valid only for the delivery of historical data) 8 = Fail rectification – Overdue completion stock transaction 9 = Transfer of securities for Creation ADR or ETF 0 = Transfer of securities from the acquisition of ADR or ETF a = Transfers Transitional Account of Operator b = Technical Settlement Movement (only "transaction type = STOCK EX)
Investor Account	57	A(10)	Does not appear to orders that the Operator is the counterparty.
Counterparty Operator	67	A(50)	Counterparty Code of Active Operator at Greek or Foreign Depository
Transaction Date	117	DATE (ddmmyyyy)	The date is entered by the Operator during registration (equal or prior to the settlement date).
Settlement date	125	DATE (ddmmyyyy)	It should be equal or later than the day of registration of the Record
Security Code	133	A(12)	The code of an active security
Quantity	145	N (15)	>0
Cash Value	160	N(16,2)	Not controlled and not identified in the case of FOP, but if it has entered will be required during the matching process to be the same to the cash value of the order of the counterparty. It is mandatory and is used during the matching process in the case of DVP Up to sixteen digits where the last two are the decimal place. Does not decimal point is inserted
Unit Price	176	N(10,2)	Does not appear at the orders where the Operator is the counterparty. Up to ten digits where the last two are the decimal place. Does not decimal point is inserted
External matching code	186	A(50)	If it has entered will be required during the matching process to be the same with the corresponding order of the counterparty. With this Field ensures that the identification will be done with this order. Does not be another check by DSS.
Comments	236	A(50)	Information Field, there is no check by DSS
Automatic analysis (for Delivery Orders)	286	A(1)	Recorder if it has took place the process of automatic analysis for the delivery orders: N = Does not analysis has been carried Y = has been analyzed
Identification Number	287	DATE (ddmmyyyy)	The date which has been identified the order (if been identified)
Cancellation Date	295	DATE (ddmmyyyy)	The date the order has been canceled (if canceled)
Serial Number (SN) of Counterparty Order	303	N (15)	The SN Number of the order of the counterparty (if been identified)
Value of calculation fee	318	N (16,2)	Value of on which the HELEX fee estimated Up to sixteen digits where the last two are the decimal place. Does not decimal point is inserted
Fee	334	N (16,2)	The calculated fee of HELEX Up to sixteen digits where the last two are the decimal place. Does not decimal point is inserted

Field	Position	Type (Length)	Remarks
Order Status	350	A(1)	It describes the state of order and namely: 1 = outstanding (has been introduced but not yet performed the matching process) 2 = identified (identified with the order of Counterparty) 3= Unsettled (has been identified and it has performed at least one settlement cycle unsuccessfully) 4 = settled (has been identified and settled) 5 = non-identified (although it has performed at least one the matching process, contrary order command not found)
Sales tax	351	N (16,2)	The calculated sales tax Up to sixteen digits where the last two are the decimal place. Does not decimal point is inserted
Listings	367	A(11)	The bic code of the Registrar of the order
Listing Method	378	A(1)	1 = Screen 2 = File 3 = Api 4 = Swift
Depository	379	A(11)	The BIC Code of the settlement
Instructor of Counterparty	390	A(50)	Information Field which is not operated by the DSS but forwards it to the counterparty or foreign depository
Transaction Place	440	A(4)	The MIC Code of the Market in which the order took place
Currency of Settlement Value	444	A(3)	The currency of the cash value
H/R Status	447	A(1)	H = On Hold (to settle) R = Free (to settle)
Real date of Settlement	448	DATE(ddmmyyyy)	The date it has settled the order (if settled)
Cancellation Status	456	A(1)	0 = Cancelled 1 = Active 2 = Request for Cancellation 3 = Cancelled by DSS
Operator's Instructor	457	A(50)	Information Field which is not operated by the DSS but forwards it to the counterparty or foreign depository
Cause of not Settlement	507	A(9)	Appears coded the reason code for settlement fail: CSD-01007 = Insufficient Quantity CSD-01179 = The available amount of money (at the Bank) is not sufficient to settle the transaction. CSD-01270 = Does not agree the buyers's EXPECTED. CSD-01271,= Does not agree the seller's owed .
Entity of Operator's Instructor	516	A(4)	With this Field specified in what form is given the Field S «Operator's Instructor» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme
Counterparty Entity	520	A(4)	With this Field specified in what form is given the Fields «Counterparty» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme
Entity of Counterparty Instructor	524	A(4)	With this Field specified in what form is given the Field «Counterparty Instructor» PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme

Field	Position	Type (Length)	Remarks
Counterparty Account	528	A(35)	Information Field which is not operated by the DSS but forwards it to the counterparty or foreign depository
Entity Client's Instructor	563	A(4)	PRCP = Member Code at DSS BIC = BIC FREE= Free text DSS= Data Source Scheme
Client Instructor	567	A(50)	
Real cash value	617	N(16,2)	The cash value which finally became the settlement (in case there is tolerance)
Settlement Method	633	A(1)	1 = RTS 2 = NON – RTS 0 = STANDARD
Transaction Type	634	A(1)	Specifies whether the order concerns a transaction which took place at a regulated market / stock exchange or not 1 = OTC (except regulated market) 2 = STOCK EX (at regulated market).
Quantity of Transaction	635	N(15)	Quantity on which the sales tax was applied
Trade Value	650	N(16,2)	Value on which the sales tax was applied

3.16 (Export) File with balance owed - forecast of OTC transactions

With this function enables operators to produce from DSS, records of the assets / liabilities of their clients from OTC transactions involving “Lending” , “Return Lending” , “Collateral” και “Return Collateral”.

The drawing pattern of the produced file is the following:

Field	Position	Type/Lenght	Remarks
Member Code	1	A(10)	
Record Serial Number	11	N(10)	
Share Code	21	A(10)	
Account Code	31	A(10)	
Investor Abbreviation	41	A(15)	
Security Code	56	A(12)	From coding of DSS.
Balance Code	68	A(4)	From coding of DSS.
Quantity	72	N(16)	LPAD 0 (positive sign is replaced with blank while the negative sign appears normal)

3.17 (Export) File with Investors in Special Category tax treatment

With this function enables the operator to produce from DSS files with investors who have declared a special category of tax treatment. The drawing pattern of the produced file is the following:

Field	Y	Position	Type/Length	Remarks
Serial Number at the file	•	1	A(10)	Serial Number at the produced file
Member Code	•	11	A(10)	From coding of DSS.
Investor Share Code (DSS)	•	21	A(10)	From coding of DSS.
Investor Account Number	•	31	A(10)	From coding of DSS.
Tax year	•	41	A(4)	'YYYY'
Class tax treatment	•	45	A(2)	Categories as seen on dss screen
Activated Date	•	47	A(10)	'DD/MM/YYYY'
Inactivation Date	•	57	A(10)	'DD/MM/YYYY'
Comments	•	67	A(50)	

3.18 (Export) File Beneficiaries voting at a General Assembly

The file is generated by operators and investors contains customers who are entitled to vote in a given General Assembly.

Items included in the files are classified in the following types of records:

Record Type	Description
00	Header Record
	Detailed Record

The drawing pattern of the produced file is the following:

Record Type '00' (Header Record)			
Field	Position	Type/Length	Remarks
Indication Record	1	A(2)	00 - (Zero - Zero)
File Type	3	A(6)	000056 – Beneficiaries to vote at a General Meeting
Company Code at DSS	9	A(6)	From coding of DSS.
Delivery Code File	15	A(6)	LPAD 0
Date and Time of	21	D(12)	DDMMYYYYHH(24)MM

Field	Position	Type/Lenght	Remarks
Production			
Number of Records Type 01	33	N(10)	LPAD 0
Number of Records Type 02	43	N(10)	LPAD 0
Number of Records Type 06 (in file type 06) 09 (files type 13,15)	53	N(10)	LPAD 0
Number of Records at file	63	N(10)	LPAD 0
Total Entries	73	N(10)	LPAD 0
Total Securities Quantity	83	N(15)	LPAD 0
Security Code	98	A(12)	
Corporate Action Number	110	N(10)	LPAD 0 From coding of DSS.
Shareholders Record Date	120	D(8)	DDMMYYYY

(Detailed Record)			
Field	Position	Type/Lenght	Remarks
Company Code at DSS	1	A(6)	From coding of DSS.
Record increasing numbering	7	A(7)	
Indication Record	14	A(2)	11 Pledge
Internal Numbering	16	N(2)	In the context of numbering (01)
Investor Share Code (DSS)	18	N(10)	
Check Digit of Share Code	28	N(1)	
Investor Abbreviation	29	A(15)	As has occurred in DSS
Tax Identification Number	44	A(15)	Tax Identification Number or indication "DOES NOT EXIST"
Class of certificate of	59	A(1)	1 = ID Card no 2 = Passport

Field	Position	Type/Lenght	Remarks
			3 = Register No 4 = Commercial Registry Number O = Other
Number certificate of recognition	60	A(25)	Acceptable and the indication "DOES NOT EXIST"
Securities Account Number	85	N(10)	
Account Check Digit	95	N(1)	
Member Account Code	96	A(10)	
Pledge S/N (Certificate)	106	N(10)	LPAD 0
Quantity	116	N(10)	LPAD 0
Character of Quantity	126	N(4)	9999= without characterization
Beneficiary Name	130	A(30)	Only if beneficiary voting is different from the investor (eg Creditor, usufructuary, etc.)
Share Code of Beneficiary	140	N(10)	

3.19 (Export) Files relating Billing

3.19.1 File opening new shares

Field	Position	Type/Lenght	Remarks
Member Code	1	A(10)	From coding of DSS.
Opening date	11	A(10)	DD/MM/YYYY
Share Code	21	A(10)	
Investor Name	31	A(200)	

3.19.2 File Valuation Investor Portfolio

Field	Position	Type/Lenght	Remarks
Member Code	1	A(10)	From coding of DSS.
Valuation Date	11	A(10)	DD/MM/YYYY
Investor Share Code	21	A(10)	
Valuation	31	N(20,2)	LPAD 0 (999999999999999999.99)
Market Code	52	A(4)	From coding of DSS.
Currency Code	56	A(3)	From coding of DSS.

Note: Fields 'Market Code' and 'Currency Code' filled Blank when contain references to Athex market.

3.20 (Export) File of Transfer to / from Joint Account

3.20.1 File of Transfer to / from Joint Account

The file is generated by operators and contains elements of both bills of quantities and cash value of ATHEXCSD fees, on transfers from / to Joint Account.

The data included in the files are classified in the following types of records.:

Record Type	Description
	Header Record
	Master Record
	Details Records

The drawing pattern of the produced file is the following:

HEADER RECORD			
Field	Position	Type/Lenght	Remarks
Record Type	1	1	0 - Header
Number of transaction to Common Share (master)	2	16	lpad blank
Total rights to Common Share	18	16	number 16,2 lpad blank
Number of transaction from Common Share (master)	34	16	lpad blank
Total rights from Common Share	50	16	number 16,2 lpad blank
MASTER RECORD			
Field	Position	Type/Lenght	Remarks
Record Type	1	1	1 - Master
Application S/N	2	10	number 10 lpad blank
Date	12	8	ddmmyyyy
Transaction Code	20	1	1 – From Individual to Common Share 2 – From Common Share to Individual
Investor Share 'From'	21	10	
Investor Account 'From'	31	10	
Investor Name 'From'	41	200	lpad blank

Investor Share 'To'	241	10	
Investor Account 'To'	251	10	
Investor Name 'To'	261	200	lpad blank
Total transaction Value	461	16	number 16,2 lpad blank
Percentage of Rights for HELEX	477	7	number 7,3 lpad blank
Amount of Rights for HELEX	484	16	number 16,2 lpad blank
DETAIL RECORDS			
Field	Position	Type/Lenght	Remarks
Record Type	1	1	2 - Detail
Security Code	2	12	
Security Description	14	50	lpad blank
Quantity	64	15	number 15 lpad blank
Unit price	79	9	number 9,6 lpad blank
Total value	88	16	number 16,2 lpad blank

3.21 (Export) File of Participation at Corporate Action (csv)

3.21.1 File of Orders of Participation at Corporate Action (csv)

It is produce from the DSS option «System Managment - Prints csv » the following screen:

The file is generated by the operators and presented data of currently commands to perform corporate Action and include the serial number of the corporate action, the serial number of DSS operator, time entry of the order, the serial number of order to DSS, the securities account, the abbreviation of the investor, the isin of security, Quantity participation, number of securities to be received, consideration, state the registered office, fractional shares, status of holding and settlement status of order.

The data contained in the file are classified in the following types of records:

The Operator in order to produce the file (csv) makes the following actions:

- I. Selects from the menu the print group (e.g. corporate actions)
- II. Selects from the menu the print csv (e.g. File of orders of participation at corporation action)
- III. Places parameter value (eg in the case of a corporate action its s/n)

The drawing pattern of the produced file (csv) is the following:

INPUT: S/N of Corporate Action																								
OUTPUT:															Update field during the stage of settlement of orders for participation in Corporate Action									
S/N OF CA	S/N OF OPERATOR	REGISTRATION DATE OF ORDER	S/N ORDER	TYPE OF ORDER	OPERATOR'S ACCOUNT	INVESTOR'S ABBREVIATION	ISIN	QUANTITY OF PARTICIPATION	NUMBER OF SECURITIES TO RECEIVING	PRICE (EURO)	RIGHTS OF HELEX (EURO)	STATUS OF THE ORDER REGISTRATION OF PARTICIPATION IN CA.	FRACTIONAL BALANCES OF SECURITIES	STATUS OF THE TREATY OF HOLDINGS ORDERS	STATEMENT OF SETTLEMENT ORDER									
35229	000000110	15/10/2013	85800	1-PARTICIPATION IN CA	99082929	GEORGIOUEVAGDI	GR5000000036	1500			0,5	ACTIVE		FREE*	SETTLED***									
35229	000000111	15/10/2013	85801	1-PARTICIPATION IN CA	88450654	ANDREOUPANAKO	GR5000000037	1500			0,5	INACTIVE		WAIT**	UNSETTLED****									

1. ORDER TYPE OF PARTICIPATION IN CORPORATE ACTION (entered by the Operators on behalf of their investors- clients)

"1-PRICIPATION IN CORPORATE ACTION.": Investor's Orders of participation in C.A.

2. STATUS OF ENTERED ORDER

*ACTIVE: order which has been entered for settlement

**INACTIVE: order which has been canceled the its entered for settlement

3. STATUS OF ORDER

*** (RELEASED): order which participate at the settlement

**** (HOLD): order which is not temporaty participate at the settlementn

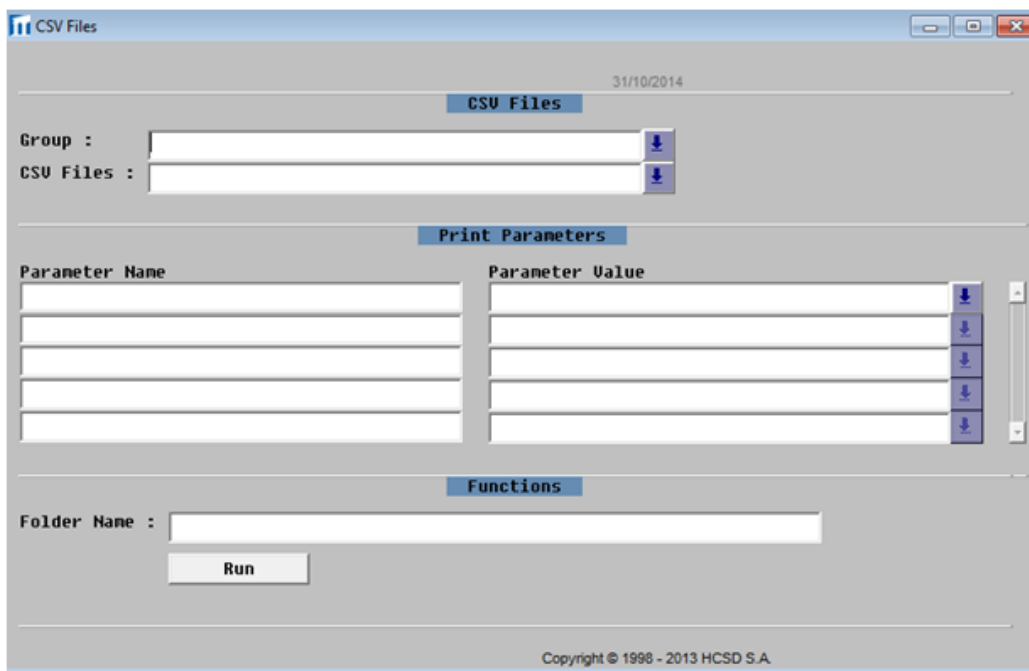
4. SETTLEMENT STATUS OF ORDER

*****SETTLED: Order has settled

***** NOT SETTLED: Order has not settled

3.21.2 File Administration orders of Fractional Securities in Corporate Action (csv)

It is produce from the DSS option «System Managment - Prints csv » the following screen:



CSV Files 31/10/2014

CSV Files

Group :

CSV Files :

Print Parameters

Parameter Name	Parameter Value
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Functions

Folder Name :

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The file is generated by the operators to receive orders for details that entered by DSS Administrator for management purposes fractional securities, with initial status "HOLD" and include the serial number of the corporate action, the serial number of DSS operator, time entry of the order, the serial number of orderr to DSS, the securities account, the

abbreviation of the investor, the isin of security, Quantity participation, number of securities to be received, consideration, state the registered office, fractional shares, status of holding and settlement status of order.

The Operator in order to produce the file (csv) makes the following actions:

- I. Selects from the menu the print group (e.g. corporate actions)
- II. Selects from the menu the print csv (e.g. File Administration orders of Fractional Securities in Corporate Action)
- III. Places parameter value (eg in the case of a corporate action its s/n)

The drawing pattern of the produced file (csv) is the following:

INPUT: S/N of Corporate Action											
Update the fields after the completion of the settlement of orders which participate in C.A. (corporate action) and registration, by the DSS										Update the fields during the settlement phase of administration orders of fractional securities	
OUTPUT: Administrator, of administration orders of fractional securities											
S/N OF CA	S/N OF OPERATOR	REGISTRATION DATE OF ORDER	S/N ORDER	TYPE OF ORDER	INVESTOR'S ACCOUNT	INVESTOR'S ABBREVIATION	ISIN	NUMBER OF SECURITIES TO RECEIVING	PRICE (EURO)	STATEMENT OF THE TREATY HOLDINGS ORDER	STATEMENT OF SETTLEMENT ORDER
35229	000000110	15/10/2013	85800	7-FRACTIONAL OF OPERATOR	99082929	GEORGIOUEVAGDI	GRS			FREE*	SETTLED***
35229	000000111	15/10/2013	85801	8-FRACTIONAL OF INVESTOR	88450654	ANDREOUPANAKO				WAIT**	UNSETTLED****

1. TYPE OF ORDER ADMINSTRATE FRACTIONAL SECURITIES IN CORPORATE ACTIONS (entered by DSS Administrator for management purposes fractional securities, with initial status "HOLD")

"7- Fractional OPERATOR ": management orders fractional securities of instructions participation in corporate action from the same operator

"8- Fractional Investor": management orders fractional securities of instructions participation in corporate action from different operators

2. STATUS OF ORDER

*** (RELEASED): order which participate at the settlement

**** (HOLD): order which is not temporaty participate at the settlemetrn

3. SETTLEMENT STATUS OF ORDER

*****SETTLED: Order has settled

***** NOT SETTLED: Order has not settled

3.22 (Export) File of Margin Collateral Analysis (csv)

This file contains analysis of the collaterals that the clearing house evaluated in order to reduce the Clearing Account's risk. Original price and final value is presented per collateral.

File Description: Margin_Collateral_Analysis_CATH

File row specification:

Version: 5.8

Communication files with Dss Operators _V5.8_November 2017_EN.docx

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Field Name	Mandatory	Starting Position	Length and Type	Comments
Evaluation Date	Y	1	D(8) dmmmyyy	Date that the evaluation refers to.
Clearing Member	Y	9	A(10)	DSS internal code for Clearing Member
Clearing System	Y	19	A(4)	Clearing System that collateral is associated to.
Clearing Account	Y	23	A(10)	The Clearing Account that collateral is associated to
Collateral's BBGID	N	33	A(12)	This field contains the BBGID of the collateral evaluated. This field is filled only if is applicable. This field is empty if collateral is cash
Cash currency	N	45	A(3)	The ISO 4227 code for the currency that is placed as collateral. This field is applicable only if the collateral presented on the relative row is cash, otherwise is empty
Evaluation Currency	Y	48	A(3)	The ISO 4227 code for currency that price and value is expressed in
Collateral Quantity	Y	51	N(20,2)	The amount of collateral that is evaluated. Depending on the collateral can be quantity or value
Collateral price	Y	74	N(10,6)	The original price used to evaluate collateral. If collateral is cash then this field contains the rate used to convert currencies
Haircut	Y	91	N(3,6)	The combined factor that was finally used to discount collateral value. (rate is not part of the factor)

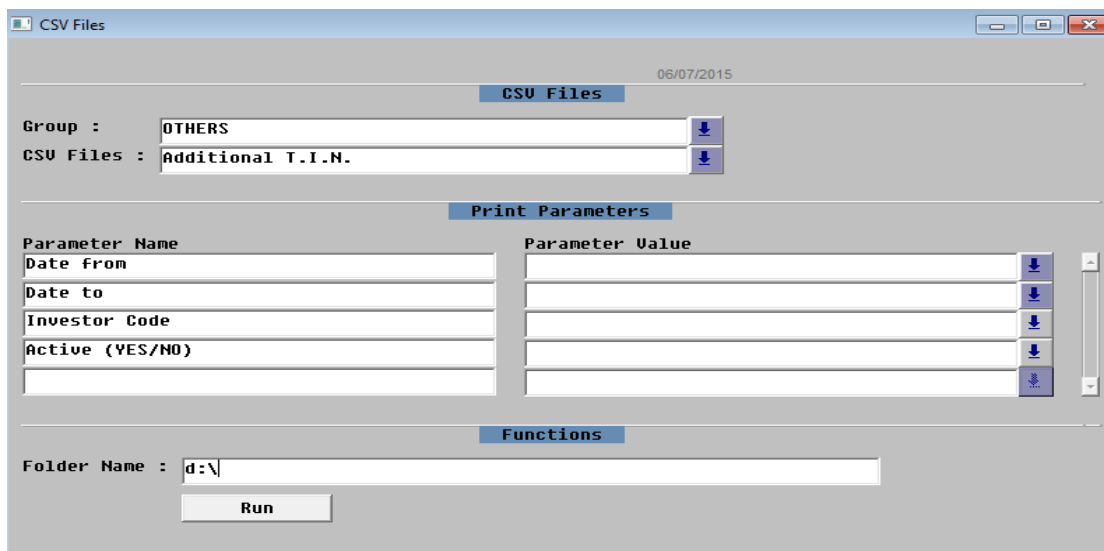
Haircut value	Y	101	N(14,2)	Haircut value for the referred collateral at the evaluation date.
DSS internal code for Collateral	N	118	A(12)	Internal DSS code identifying the collateral. The field contains a value if the collateral is an equity
Collateral's Trading symbol	N	130	A(25)	The trading symbol of the collateral. The field contains a value if the collateral is an equity

Generation parameters specification:

Parameter Description	Mandatory	Type	Comment
Evaluation Date From	Y	Date	Format = dd/mm/yyyy. First date of period that relative evaluation data is requested
Evaluation Date To	Y	Date	Format = dd/mm/yyyy. Last of period date that relative evaluation data is requested
Clearing System	Y	A(4)	
Clearing Account	N	A(10)	Get collateral data for the specific clearing account
Collateral's BBGID	N	A(12)	Get data for the specified collateral
Clearing Member	N	A(10)	Members can leave parameter empty. Exporting member assumed

3.23 (Export) File for additional T.I.N.

The file contains the information registered for each investor in multi TIN. The file implemented in DSS on the menu: «System administration- CSV files – OTHER – Additional T.I.N.».



Imported data accepts the following values:

- period (from – until)
- investor code (% brings all investors with usage authorization)
- Active / Inactive (% brings all the entries)

It includes all entries (from screen and file).

The file appear as:

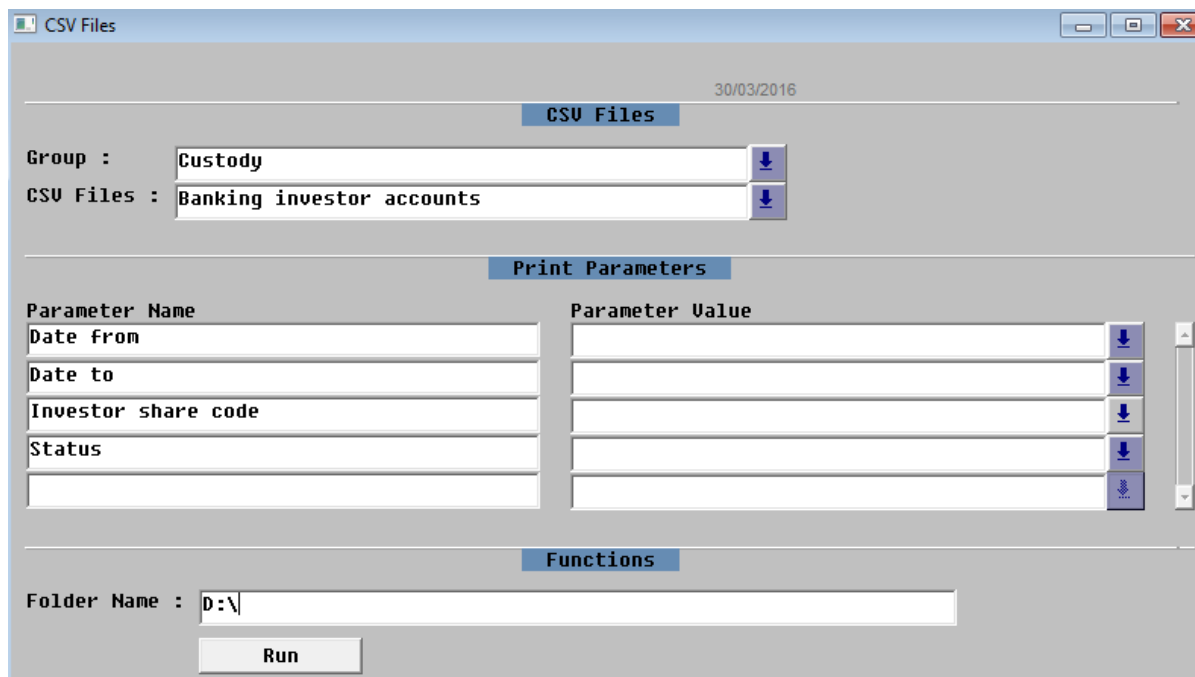
PARTICIPANT	REGISTRATION DATE	ACCOUNT CODE	TAX COUNTRY	TIN	TAX OFFICE	DEACTIVATION DATE
506	23-JUN-15	999999999	US	US972544554545	AGENT	23-JUN-15

When an investor has more than one entry repeat the recording.

3.24 (Export) File for Bank Account (CSV)

The file contains the information registered for each investor only by the operator himself for registered bank accounts. Produced file implemented in the DSS on the menu:

«System administration- CSV files – Custody – Banking investor Accounts».



The screenshot shows the 'CSV Files' application window. At the top, there is a date '30/03/2016' and a 'CSV Files' button. Below this, there are two dropdown menus: 'Group : Custody' and 'CSV Files : Banking investor accounts', each with a download icon. A 'Print Parameters' section contains a table with columns 'Parameter Name' and 'Parameter Value'. The parameters listed are 'Date from', 'Date to', 'Investor share code', and 'Status'. Each parameter has a corresponding input field and a download icon. At the bottom, there is a 'Functions' section with a 'Folder Name : D:\' input field and a 'Run' button.

The imported data accepts the following prices:

- period (form – to)
- Investor share code (%it brings all investors)
- Ενεργές / ανενεργές καταχωρήσεις (%it brings the total)

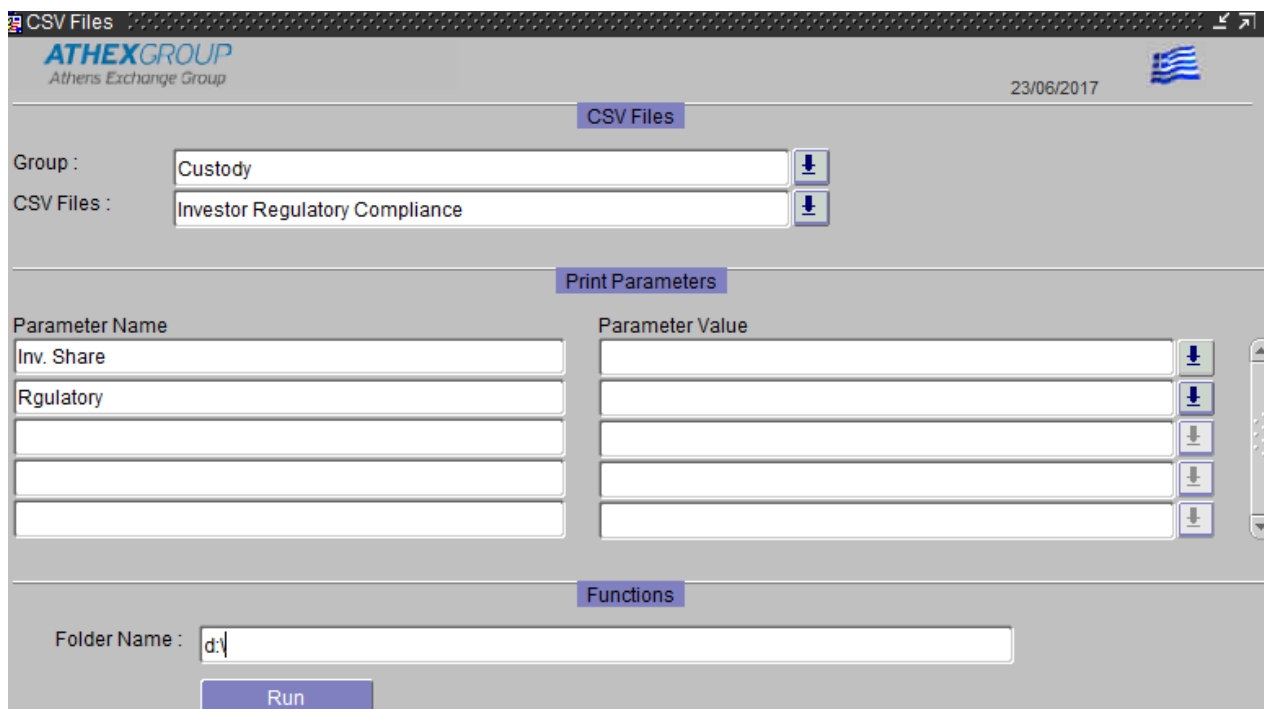
The file Structure is as follows:

(Operator code - Registration date- DSS Sec Account – Bank – Currency – IBAN - Registration date- Deactivation date).

3.25 (Export) File regarding the Disclosure of the Obligated Shares based on Regulatory Frameworks (CSV)

The file contains the data entered for each investor either by the operator himself or by the co-operators on the same account and relating to the declaration of obligation to deliver data in the context of administrative co-operation. Produced file implemented in the DSS on the menu:

«System Administration > CSV Files > Group = Custody, CSV Files = Investor Regulatory Compliance».



ATHEXGROUP
Athens Exchange Group

23/06/2017

CSV Files

Group : Custody

CSV Files : Investor Regulatory Compliance

Print Parameters

Parameter Name	Parameter Value
Inv. Share	
Regulatory	

Functions

Folder Name : d:\

Run

The imported data accepts the following prices:

- Investor share code (%it brings all investors)
- Administrative cooperation (e.g. 01 = Obligation to Submit Data FATCA, 02, 03 = etc will be announced, % it brings the total)

It includes all entries (from screen and file).

The file appear as:

PARTICIPANT CODE	PARTICIPANT DESCRIPTION	INV. SHARE CODE	INV. DESCRIPTION	REGULATORY CODE	REGULATORY DESCRIPTION	ACCOUNT HOLDER TYPE	STATUS	ACTIVATION DATE	DEACTIVATION DATE
172	EUROBANK EQUITIES A.E.Π.E.Y	3856412	DEV WORLD	1	Foreign Account Tax Compliance Act	FATCA104	Active	10/8/2017	

When an investor has more than one record that involves either links to different administrative cooperations or activation and deactivation at a different time, the record is repeated .

4 Files Issue Government Bonds in public

4.1 Upload from operators

The purpose of the application is to import (load) within DSS (DSS) files of Treasury Securities (Bonds, Treasury Bills) generated by the IPO of the network Operators (Custodian Bank and operators ATHEX members) and managed (discounting) to DSS.

4.1.1 Filenames of Allocation

Filenames of Allocation will following the rules:

ETAccccccnnnnxxxx...xxx (where ccccc number of corporate action, nnn the 3digit Member Code on DSS and xxx...xxx Description given by the Operator. The set of file characters (path) can not exceed 50 characters and the file name can not exceed 50 characters.

The filename of reject and success follows a rule:

SUCccccccnnnnxxx...xxx and RJTccccccnnnnxxx...xxx

where ccccc the code of corporate action, nnn the 3digit Member Code on DSS and xxx...xxx any given Description.

Where 'xxxxx...xxx' will be with the responsibility of the custodian. The set of characters in the name can not exceed 50 characters.

4.1.2 Filenames of Assessment

Filenames of Assessment will following the rules :

VALSUCnnnyyyzzzzzzzzzz

VALRJTnnnyyyzzzzzzzzzz

where nnn 3digit Member Code Production from DSS, yyyy the 4digit member code on BoGs and zzzzzzzzz the code of corporate action.

Filename of final Allocation of Government Bonds is:

FINDISTnnnyyyzzzzzzzzzz

where nnn 3digit Member Code Production from DSS, yyyy the 4digit member code on BoGs and zzzzzzzzz the code of corporate action.

4.2 Credit in Shares

After completing the previous procedure, Shares held in SAT will be credited. By uploading valid records in the records book, the corresponding Shares and Declarations of use will also be locked (it will not be allowed to disable them).

After completing the previous procedure will be credited Shares held in DSS.

By uploading records in the registry of records will be locked and the corresponding accounts and the Usage authorizations (will not be permitted deactivation).

4.3 Structure File Distribution of Securities issued by Public

Record Type '00' (Header Record)

Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'00' (Zero)
File Type	•	3	A(6)	000040 File of Allocation ETA 000041 File of Allocation State Bonds
Company Code at DSS	•	9	A(6)	'000990'
Delivery Code File	•	15	A(6)	LPAD 0. Serial Number by file type, issuer
Date and Time of Production	•	21	A(12)	DDMMYYYYHH(24)MM
Number of Records Type 01	•	33	N(10)	Blank
Number of Records Type 02	•	43	N(10)	Blank
Number of Records Type 06 ή 09	•	53	N(10)	Blank
Number of Records Type 11	•	63	N(10)	LPAD 0
Total Entries	•	73	N(10)	LPAD 0
Total Securities Quantity	•	83	N(15)	LPAD 0
Security Code	•	98	A(12)	From coding of DSS.
Corporate Action Number	•	110	N(10)	LPAD 0 From coding of DSS.
Bank Code (Brokerage House – Custodian)		120	N(4)	LPAD 0 From coding of DSS..
Member Code Production		124	A(10)	LPAD 0 From coding of DSS.

File Key

Record Type '11' (Allocation)

Field	Y	Position	Length	Remarks
Branch Code	•	1	N(6)	
Ascending Numbering Allocation	•	7	N(16)	
Indication Record	•	23	A(2)	'11' (Allocation)
Internal Numbering	•	25	N(2)	00
Investor Share Code (DSS)	•	27	N(10)	LPAD 0.
Check Digit of Share's Code	•	37	N(1)	
Investor Abbreviation	•	38	A(15)	Blank

Tax Identification Number	•	53	A(15)	
Class of certificate of recognition	•	68	A(1)	'1' = ID, '2' = Passport, '3' = Company registration number, '4' = Commercial Registry Number 'O' = Other
Number certificate of recognition	•	69	A(25)	Acceptable and the indication "DOES NOT EXIST"
Securities Account Number	•	94	N(10)	LPAD 0.
Check Digit of Account	•	104	N(1)	
Member Account Code	•	105	A(10)	LPAD 0 From coding of DSS.
Key Referring pledge	•	115	N(10)	Blank
Quantity	•	125	N(10)	LPAD 0.
Characterisation Quantity	•	135	N(4)	'9999' = Without characterization
Country of Origin Tax Identification Number	•	139	A(2)	GR or 00 Greek Citizenship

Record Key

The fields Investor Share Code (DSS), Securities Account Number and Member Account Code will contain the corresponding data which also present in DSS.

At the Field Member Account Code does not entered the Member Code «9999999999» (HELEX – ex CSD).

4.4 Structure of Reject and Success allocation file of securities issued by public

Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'00' (Zero)
File Type	•	3	A(6)	000006 File of Error Records 000007 File of Correct Records
Company Code at DSS	•	9	A(6)	'000990'
Delivery Code File	•	15	A(6)	LPAD 0. Serial Number by file type, issuer
Date and Time of Production	•	21	A(12)	DDMMYYYYHH(24)MM
Number of records type 01	•	33	N(10)	Blank
Number of records type 02	•	43	N(10)	Blank
Number of records type 06 ή 07	•	53	N(10)	LPAD 0
Number of records type 11	•	63	N(10)	Blank

Field	Y	Position	Type/Lenght	Remarks
Total Entries	•	73	N(10)	LPAD 0
Total Securities Quantity	•	83	N(15)	Blank
Security Code	•	98	A(12)	From coding of DSS.
Corporate Action Number	•	110	N(10)	LPAD 0 From coding of DSS.
Bank Code (Brokarage Firm – Custodian)		120	N(4)	LPAD 0 From coding of DSS.
Member Code Production		124	A(10)	LPAD 0 From coding of DSS.

File Key

Record Type '06' / '07'
Check (Correct or Incorrect) at a file which received by the ATHEXCSD

Field	Y	Position	Length	Remarks
Indication Record	•	1	A(2)	'06' Incorrect '07' Correct
Been verified shall Record key	•	3	N(22)	Align Right
Error Code	•	25	A(10)	Assigned by DSS Align Right (only in case of error)
Information		35	X(45)	Other auxiliaries data (only in case of error)

To Been verified shall Record key includes fields: Branch code and serial number of record Allocation type '11'.

4.5 Structure Assessment File of Public Offering

Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'00' (zero)
File Type	•	3	A(6)	000042 File of Evaluation of Allocation (Approved Records) 000043 File of Evaluation of Allocation (Rejected Records)
Company Code at DSS	•	9	A(6)	'000990'
Delivery Code File	•	15	A(6)	LPAD 0. Serial Number by file type, issuer
Date and Time of Production	•	21	A(12)	DDMMYYYYHH(24)MM
Number of records type 01	•	33	N(10)	Blank
Number of records type 02	•	43	N(10)	Blank

Field	Y	Position	Type/Lenght	Remarks
Number of records type 06 ı 07	•	53	N(10)	LPAD 0
Number of records type 11	•	63	N(10)	Blank
Total Entries	•	73	N(10)	LPAD 0
Total Securities Quantity	•	83	N(15)	LPAD 0
Security Code	•	98	A(12)	From coding of DSS.
Corporate Action Number	•	110	N(10)	LPAD 0 From coding of DSS.
Bank Code (Brokerage House – Custodian)		120	N(4)	LPAD 0 From coding of DSS.
Member Code of Production		124	A(10)	LPAD 0 From coding of DSS.

File Key

Record Type '06' / '07'				
Check (Correct or Incorrect) at a file which received by the ATHEXCSD				
Field	Y	Position	Length	Remarks
Indication Record	•	1	A(2)	'06' Incorrect '07' Correct
Been verified shall Record key	•	3	N(22)	Align Right
Error Code	•	25	A(10)	Assigned by DSS Align Right (only in case of error)
Information		35	X(45)	Other auxiliaries data (only in case of error)

To Been verified shall Record key includes fields: Branch code and serial number of record Allocationç type '11'.

4.6 Structure File of Final Distribution of Securities issued by Public

Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'00' (zero)
File Type	•	3	A(6)	000044 File of Final Allocation
Company Code at DSS	•	9	A(6)	'000990'
Delivery Code File	•	15	A(6)	LPAD 0. Serial Number by file type, issuer
Date and Time of Production	•	21	A(12)	DDMMYYYYHH(24)MM
Number of records type 01	•	33	N(10)	Blank
Number of records type 02	•	43	N(10)	Blank
Number of records type	•	53	N(10)	Blank

Field	Y	Position	Type/Length	Remarks
06 11 07				
Number of records type 11	•	63	N(10)	LPAD 0
Total Entries	•	73	N(10)	LPAD 0
Total Securities Quantity	•	83	N(15)	LPAD 0
Security Code	•	98	A(12)	From coding of DSS.
Corporate Action Number	•	110	N(10)	LPAD 0 From coding of DSS.
Bank Code (Brokerage House – Custodian)		120	N(4)	LPAD 0 From coding of DSS.
Member Code production		124	A(10)	LPAD 0 From coding of DSS.

File Key

Record Type '11' (Allocation)

Field	Y	Position	Length	Remarks
Branch Code	•	1	N(6)	
Ascending Numbering Allocation	•	7	N(16)	
Indication Record	•	23	A(2)	'11' (Allocation)
Internal Numbering	•	25	N(2)	00
Investor Share Code (DSS)	•	27	N(10)	LPAD 0.
Check Digit of Share Code	•	37	N(1)	
Investor Abbreviation	•	38	A(15)	Blank
Tax Identification Number	•	53	A(15)	
Class of certificate of recognition	•	68	A(1)	'1' = ID, '2' = Passport, '3' = Corporate registration Number, '4' = Commercial Registry Number 'O' = Other
Number certificate of recognition	•	69	A(25)	Accepted and indication "NOT EXIST"
Securities Account Number	•	94	N(10)	LPAD 0.
Account Check Digit	•	104	N(1)	
Member Code Account	•	105	A(10)	LPAD 0 From coding of DSS.
Key Referring pledge	•	115	N(10)	Blank
Quantity	•	125	N(10)	Quantity Final Allocation (LPAD 0)
Characterization of Quantity	•	135	N(4)	'9999' = without characterization
Country of Origin Tax Identification Number	•	139	A(2)	GR or 00 for Greek Citizenship

CHECKS TO FILES WHEN LOADING AND ASSESSMENT

Checks when loading type file 000040 from operators

Basic checks includes:

- Check for operator code
- Check for share investor number:
 - Check if the share number exists to DSS
 - Check if the share number belong to Natural Person
 - Check that the corresponding share number at the investor account
 - Check if the share number is activate
- Check for usage authorization:
 - Check if usage authorization exists to DSS
 - Check if usage authorization is activate
- Check for tax identification number:
 - Check if the tax identification number exists (correct algorithm)
 - Check if the tax identification number of the share investor number is the same with what has been stated in the IPO. If there is a difference displays a warning message.
- Check regard the Country: Records with tax Country except E.U. rejected or as defined by the institution.
- Check regard the Quantity - Quantity for every record will be between 10 until 100 as well as an integer multiple of 10 or the specific defined by the institution ratio.

Note: When loading file type 000041 if the operator has not usage authorization, then the record is rejected. Operator Should has usage authorization to use the investor account.

Controls assessment type files 000040 from Depository

Main checks included:

- Checks of usage authorization on securities account - Check if the usage authorization is active. Please note that for Custodian and if there is not active usage authorization, this will be done automatically during the evaluation process.

- Check made concerning the Quantity - the Quantity of each record should be between 10 until 100 as well as the nearest multiple of 10 or the Natural Person designated by the carrier ratio.
- Check made concerning the TAX IDENTIFICATION NUMBER:
 - Same share number with differently TAX IDENTIFICATION NUMBER - reject all the records per share number declared several TAX IDENTIFICATION NUMBER.
 - Different share number with the same TAX IDENTIFICATION NUMBER - reject all the records if declare Quantity greater than each threshold.

Note: When evaluating file type 000041 If the operator is Athex member and have not usage authorization, then reject the record. Athex member should have usage authorization to investor account.

Errors in the File Loading

Header

Error Description		TYPE
Error Code of Company		DRAWING PATTERN
CSD-03041	Incorrect File Type	DRAWING PATTERN
CSD-03002	Non exist File Type	DRAWING PATTERN
CSD-03003	Incorrect Number of Delivery (non-numeric)	DRAWING PATTERN
CSD-03004	Incorrect security code	DRAWING PATTERN
CSD-01115	Incorrect Operator of Production (Member Code)	DRAWING PATTERN
CSD-03041	Incorrect number of records	DRAWING PATTERN
CSD-03006	Incorrect quantity of security	DRAWING PATTERN
CSD-03920	Incorrect number of corporate action	DRAWING PATTERN
CSD-03677	Unacceptable date of Production	DRAWING PATTERN
CSD-01175	Incorrect bank code	DRAWING PATTERN
CSD-03001	Incorrect type of record	DRAWING PATTERN
CSD-03674	Error in reading file	DRAWING PATTERN
CSD-01115	Error of Authorization of Use (when at the Position Member Code of the Account has declared Member Code from consolidation or deactivate)	DRAWING PATTERN

Investors Errors

ERROR CODE	ERROR DESCRIPTION	TYPE
CSD-03301	Incorrect Indication Record	DRAWING PATTERN
CSD-03314	Blank increasing numbering	DRAWING PATTERN
CSD-03679	Dual record in numbering	DRAWING PATTERN
CSD-03041	In numeric Field found unacceptable characters (Ascending Numbering, Branch Code)	DRAWING PATTERN
CSD-01005	Blank Country of Origin of Tax Identification Number	DRAWING PATTERN
CSD-03104	Blank Share	DRAWING PATTERN
CSD-03047	Blank Account Operator	DRAWING PATTERN

CSD-03048	Blank Quantity of Bonds	DRAWING PATTERN
CSD-03046	Blank Account or Tax Identification Number	DRAWING PATTERN
CSD-03607	Unacceptable Tax Identification Number	INVESTOR DATA
CSD-03670	The Tax Identification Number does not agree with the Investor Tax Identification Number at DSS	WARNING
CSD-03045	Incorrect Authorization of Use (Account)(Member Code)	INVESTOR DATA
CSD-01303	Nonexistent Inv. Share	INVESTOR DATA
CSD-03044	Inactive Inv. Share	INVESTOR DATA
CSD-03672	The Investor is not a Natural Person	INVESTOR DATA
CSD-03600	The account does not match with the Inv. Share	INVESTOR DATA
CSD-03678	Not permitted country of origin of Tax Identification Number	INVESTOR DATA
CSD-03671	Incorrect Multiplicity Quantity	INVESTOR DATA
CSD-03673	Exceeded the limit of the Quantity	INVESTOR DATA
CSD-03302	Not permitted characters in Quantity	INVESTOR DATA
CSD-03650	The Account Operator does not participate in the issue (when the Operator is Brokerage House)	INVESTOR DATA
CSD-03050	Incorrect characterization of Quantity	INVESTOR DATA
CSD-03602	Problem in Total Securities Quantity (appears when at the Position Quantity of Security has been declared Quantity more than 100 or not multiples of 10).	INVESTOR DATA
CSD-03014	Obligatory Inv. Share (when at the Position Inv. Share there are Blank)	INVESTOR DATA
CSD-04502	Failed to perform internal routine - does not followed the nomenclature at the files.	
CSD-03600	Incorrect Inv. Share (when at the Position Inv. Share declared null or letters)	INVESTOR DATA
CSD-03672	Incorrect Inv. Share (when at the Position Inv. Share declared legal person or group share)	INVESTOR DATA
CSD-03314	Problem in increasing numbering of the allocation (when in Position increasing numbering allocation are Blank or letters)	DRAWING PATTERN
CSD-03682	The record has been finalized (if attempted be reintroduced record for correction or deletion has been finalized).	

Errors during the Evaluation

ERROR CODE	ERROR DESCRIPTION	TYPE
CSD-03045	Incorrect Account Authorization of Use	INVESTOR DATA
CSD-03675	Share with more than one Tax Identification Number	INVESTOR DATA
CSD-03676	Tax Identification Number with total Quantity more than 100	INVESTOR DATA

4.7 Structure File of Mass Redemption / Payment Government Bonds

Field	Position	Length	Remarks
Member Code	1	A(10)	From coding of DSS (LPAD 0)

Serial Number	11	N(6)	
Record Type of File	17	N(2)	'03' Discounting / Payment of Securities File
Investor Share	19	N(10)	LPAD 0
Corporate Action Number	29	N(10)	LPAD 0 Optional
Security Code	39	A(12)	
Quantity	51	N(10)	
Remarks / Comments	61	80	Optional

Controls of File and instructions for completing

The electronic file using the Character Set ISO 8859-7 (ELOT 928)

There are not Control characters. The permissible characters are

Digits : 0,1,2,3,4,5,6,7,8,9
 Latins Capital : A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z
 Symbol : () - . , /
 Greek Capital : Α,Β,Γ,Δ,Ε,Ζ,Η,Θ,Ι,Κ,Λ,Μ,Ν,Ξ,Ο,Π,Ρ,Σ,Τ,Υ,Φ,Χ,Ψ,Ω
 Special Characters : <SP> (space)

The data should be completed in capitals (Upper Case).

Required checks:

Check that the account is exist and the Operator has a Authorization of Use.

Check that the Corporate Action Number and security code are exist and active.

Check that the Quantity is available in the account.

Produced reject (*.rjt) and success (*.scx) files, which they have the following drawing patterns.

4.8 Structure File of Reject, Success, Mass Redemption / Payment Government Bonds

SUCCESS FILE

Field	Position	Length	Remarks
Member Code	1	A(10)	From coding of DSS (LPAD 0)
Serial Number	11	N(6)	
Record Type of File	17	N(2)	'04' File of Discounting / Payment
Discounting S/N	19	N(10)	

REJECT FILE

Field	Position	Length	Remarks
Member Code	1	A(10)	From coding of DSS (LPAD 0)
Serial Number	11	N(6)	

Record Type File	17	N(2)	'05' File of reject redemption/payments
Error Code	19	A(10)	
Error Description	29	A(132)	

4.9 Structure File of printed Certificates Redemption/Payment Government Bonds

Record Type '00' (Header Record)				
Field	Y	Position	Type/Lenght	Remarks
File Type	•	1	A(6)	statement of redemptions for operator
Company Code at DSS	•	7	A(6)	From coding of DSS.
Date and Time of Production	•	13	A(12)	DDMMYYYYHH(24)MM
Total Entries	•	25	N(10)	LPAD 0
Total Securities Quantity	•	35	N(15)	LPAD 0
Security Code	•	50	A(12)	
Corporate Action Number	•	62	N(10)	RPAD From coding of DSS.
File Key				

Detailed Record				
Field	Y	Position	Length	Remarks
Record S/N	•	1	N(8)	
Member Code	•	9	A(10)	
Certification S/N	•	19	N(10)	LPAD 0.
Investor Name	•	29	A(200)	As has occurred in DSS
Investor Share Code (DSS)	•	229	A (10)	
Tax Identification Number	•	239	A(15)	Tax Identification Number or indication "DOES NOT EXIST"
Quantity	•	254	N(15)	LPAD 0.
Record Key				

4.10 Structure File of statements of redemptions

Record Type '00' (Header Record)				
File Key				
Field	Y	Position	Type/Lenght	Remarks
Indication Record	•	1	A(2)	'00' (Zero)
File Type	•	3	A(6)	000033 Final Allocations for government bond
Company Code at DSS	•	9	A(6)	From file of coding by CSD
Delivery Code File	•	15	A(6)	LPAD 0. Serial Number by file type
Date and Time of Production	•	21	A(12)	DDMMYYYYHH(24)MI
Number of Records Type 01	•	33	N(10)	LPAD 0
Number of Records Type	•	43	N(10)	LPAD 0

Field	Y	Position	Type/Lenght	Remarks
02				
Number of Records Type 06 ή 09	•	53	N(10)	LPAD 0
Number of File Records	•	63	N(10)	LPAD 0
Total Entries	•	73	N(10)	LPAD 0
Total Securities Quantity	•	83	N(15)	LPAD 0
Securities Dividend Code	•	98	A(12)	
Corporate Action Number	•	110	N(10)	LPAD 0 From coding CSD
Shareholders Record Date	•	120	A(8)	DDMMYYYY

Detailed Record				
Field	Y	Position	Length	Remarks
Record S/N	•	1	N(8)	
Member Code	•	9	A(10)	
Certificate S/N	•	19	N(10)	LPAD 0.
Investor Name	•	29	A(200)	As has occurred in DSS
Investor Share Code (DSS)	•	229	A (10)	
Tax Identification Number	•	239	A(15)	Tax Identification Number or indication "DOES NOT EXIST"
Quantity	•	254	N(15)	LPAD 0.
Record Key				

5 File input / output of Bonds on DSS

5.1 Input from operators

The records input from operators on DSS, with partial loading files to become a first control. The file structure is similar with allocations file as discribed above. The file name must be unique and can not be used in the next loading.

5.1.1 Filename of Allocation file

The filename of Allocation file follows the rule:

BNDccccccnnnxxxx...xxx (when nnn, the 3digit Member Code on DSS)

The filenames of reject and success follows the rule:

RJBccccccnnnxxxx...xxx (when nnn, the 3digit Member Code on DSS)

SUBccccccnnnxxxx...xxx (when nnn, the 3digit Member Code on DSS)

When cccccc is a number that will be given by the DSS operator to singles the loadings. This number will not be controlled by CSD.

When 'xxxxx...xxx' will be given by the DSS operator . The set of characters in the name can not exceed 50 characters.

5.1.2 Filename of Allocations

The filenames of Allocation to the banks follows the rule:

VALRJBccccccnnnyyyy (when nnn the 3digit Member Code Production to DSS. and yyyy the 4digit code of bank).

VALSUBccccccnnnyyyy (when nnn the 3digit Member Code Production to DSS and yyyy the 4digit code of bank)

5.2 Credit to investor accounts

After completing the previous procedure will be credited the bonds held in DSS.

By uploading the records in the book on DSS will be locked and the respective accounts and Usages authorizations (will not be permitted deactivation).

5.3 File Allocation of bonds

Items included in the files are classified in the following types of records:

Records Type	Description
00	Header Record
11	Quantative Data
06	Incorrect Record
07	Correct Record

The drawing pattern of the produced file is the following:

Field	Position	Type/Lenght	Remarks
Indication Record	1	A(2)	00 (Zero Zero)
Type File	3	A(6)	000046 - Input File Traded bonds 000047 - Export File Traded bonds
Company Code at DSS	9	A(6)	000991
Delivery Code File	15	A(6)	LPAD 0. Serial Number by file type, issuer
Date and Time of Production	21	D(12)	DDMMYYYYHH(24)MM
Number of Record Type 01	33	N(10)	Blank
Number of Record Type 02	43	N(10)	Blank
Number of Record Type 06 07 09	53	N(10)	Blank
Number of Record Type 11	63	N(10)	LPAD 0
Total Entries	73	N(10)	LPAD 0
Total Securities Quantity	83	N(15)	LPAD 0
Security Code	98	A(12)	From coding of DSS.
Corporate Action Number (always zero)	110	N(10)	0000000000
Bank Code	120	N(4)	LPAD 0 From coding of DSS.
Member Code of production	124	A(10)	LPAD 0 From coding of DSS.
Record Type '00' (Header Record)			

Record Type '11' (Import / Export)			
Field	Position	Type/Lenght	Remarks
Branch Code	1	A(6)	
Ascending Numbering	7	A(16)	
Indication Record	23	A(2)	11 – Quantitative date
Internal Numbering	25	N(2)	00 (Zero Zero)
Investor Share Code	27	N(10)	LPAD 0

Field	Position	Type/Lenght	Remarks
(DSS)			
Check Digit Share Code	37	N(1)	
Investor Abbreviation	38	A(15)	From coding of DSS.
Valeur Date	53	A(8)	Clearing Date
Transaction Date	61	D(8)	DDMMYYYY
Blank	69	A(25)	Blank
Securities Number Account	94	N(10)	LPAD 0
Check Digit of Account	104	N(1)	
Member Account Code	105	A(10)	
Quantity	115	N(10)	Blank
Value of Quantity	125	N(14)	LPAD 0 MASK (00000000009.99)
Country of origin for Tax Identification Number	139	A(2)	GR or 00 for Greek Citizenship

Fields Investor Share Code (DSS), investr account and Member Code contain the corresponding elements present in DSS. when it refers to special account the Field investor account will have the number of the investor account and the Field Member Code will have the number 9999999999.

Record Type '00' (Success and Reject files)			
Field	Position	Type/Lenght	Remarks
Indication Record	1	A(2)	00 (Zero Zero)
File Type	3	A(6)	000006 – File of incorrect record 000007 – File of correct records
Company Code at DSS	9	A(6)	000990
Delivery Code File	15	A(6)	LPAD 0. Serial Number by file type, issuer
Date and Time of Production	21	D(12)	DDMMYYYYHH(24)MM
Number of Records Type 01	33	N(10)	Blank
Number of Records Type 02	43	N(10)	Blank
Number of Records Type 06 ή 07	53	N(10)	LPAD 0
Number of Records Type 11	63	N(10)	Blank
Total Records	73	N(10)	LPAD 0

Field	Position	Type/Lenght	Remarks
Total Securities Quantity	83	N(15)	Blank
Security Code	98	A(12)	From coding of DSS.
Blank	110	N(10)	Blank
Bank Code	120	N(4)	LPAD 0 From coding of DSS.
Member Code of production	124	A(10)	LPAD 0 From coding of DSS.

Record Type '06' / '07' (Correct /Error) at received file			
Field	Position	Type/Lenght	Remarks
Indication Record	1	A(2)	06 – Error 07 - Correct
Been verified shall Record key	3	A(22)	LPAD
Error Code	25	A(10)	Attributed by DSS LPAD (only in case of error)
Information	35	A(45)	Other auxiliaries data (only in case of error)

5.4 Files Allocations of IPO

Items included in the files are classified in the following types of records:

Record Type	Description
00	Header Record
06	Incorrect Record
07	Correct Record

The drawing pattern of the produced file is the following:

Record Type '00' (Header Record)			
Field	Position	Type/Lenght	Remarks
Indication Record	1	A(2)	00 (Zero Zero)
File Type	3	A(6)	000050 – Approved Records 000051 – Rejected Records
Company Code at DSS	9	A(6)	000991
Delivery Code File	15	A(6)	LPAD 0.

Field	Position	Type/Lenght	Remarks
			Serial Number per file type, issuer
Date and Time of Production	21	A(12)	DDMMYYYYHH(24)MM
Number of Records Type 01	33	N(10)	Blank
Number of Records Type 02	43	N(10)	Blank
Number of Records Type 06 ı 07	53	N(10)	LPAD 0
Number of Records Type 11	63	N(10)	Blank
Total Entries	73	N(10)	LPAD 0
Total Quantity of Securities	83	N(15)	LPAD 0
Security Code	98	A(12)	From coding of DSS.
Corporate Action Number	110	N(10)	LPAD 0 From coding of DSS.
Bank Code (Brokerage House – Custodian.)	120	N(4)	LPAD 0 From coding of DSS.
Member Code Production	124	A(10)	LPAD 0 From coding of DSS.

Record Type '06' / '07' (Correct /Error)			
Field	Position	Type/Lenght	Remarks
Indication Record	1	A(2)	06 - Incorrect 07 - Correct
Been verified shall Record key	3	N(22)	Align Right
Error code	25	A(10)	Attributed by DSS LPAD (only in case of error)
Information	35	A(45)	Other auxiliaries data (only in case of error)
Error Code BoG	80	A(20)	
Error Description BoG	100	A(200)	

5.5 File structure finalized by BoG

The data which included in the files are classified in the following types of records:

Record Type	Description
00	Header Record
06	Incorrect Record
07	Correct Record

The drawing pattern of the produced file is the following:

Record Type '00' (Header Record)			
Field	Position	Type/Lenght	Remarks
Recording Indicator	1	A(2)	00 (Zero Zero)
Type File	3	A(6)	000050 – Approved Records 000051 – Rejected Records
Company Code at DSS	9	A(6)	000991
Delivery Code File	15	A(6)	LPAD 0. Serial Number by file type, Issuer
Date and Time of Production	21	D(12)	DDMMYYYYHH(24)MM
Number of Records Type 01	33	N(10)	Blank
Number of Records Type 02	43	N(10)	Blank
Number of Records Type 06 ή 07	53	N(10)	LPAD 0
Number of Records Type 11	63	N(10)	Blank
Total Entries	73	N(10)	LPAD 0
Total Securities Quantity	83	N(15)	LPAD 0
Security Code	98	A(12)	From coding of DSS.
Number of Corporate Action	110	N(10)	LPAD 0 From coding of DSS.
Bank Code (Brokerage House – Custodian)	120	N(4)	LPAD 0 From coding of DSS.
Member Code of	124	A(10)	LPAD 0

Field	Position	Type/Lenght	Remarks
Production			From coding of DSS.

Record Type '06' / '07' (Error / Correct)			
Field	Position	Type/Lenght	Remarks
Recording Indicator	1	A(2)	06 - Error 07 - Correct
Been verified shall Record key	3	N(22)	Align Right
Error Code	25	A(10)	Attributed by DSS LPAD (only in case of error)
Information	35	A(45)	Other auxiliaries data (only in case of error)
Error Code BoG	80	A(20)	
Error Description BoG	100	A(200)	

6 Clearing Transactions Files at DSS

6.1 Structure of transaction file

The following drawing pattern used in the below operations:

1. Production of transaction file at DSS
2. Import File structure transactions to DSS
3. Import file of trading analysis
4. Import file of transfer transactions

Transaction Type	89	1	A(1)	0 – Buy	YES	YES	YES	YES		M	NO		Y	NO		Y
Quantity	90	15	N(15)	1 – Sale	YES	YES	YES	YES		M	NO		Y	NO		Y
Transaction Value	105	20	N(19,6)(2,0)	9999999999999999999999 (or the position of the decimal point is fixed - LPAD, RPAD with zeros)	YES	YES	YES	YES		M	NO		Y	NO		Y
Unit price	125	14	N(13,6)(1,4)	9999999999999999999999 (or the position of the decimal point is fixed - LPAD, RPAD with zeros). In-produced by the DSS files always included and to the result of the division of Transaction Value by Quantity	YES	YES	YES	YES		N/T	N/T		N/T	N/T		N/T
Transaction Currency	139	3	A(3)	0X - EUR	YES	YES	YES	YES		M	NO		Y	NO		Y
Transaction Type	142	1	A(1)	1 - Simple 2 - Block 3 - the same day Package 4 - Risk Block	YES	YES	YES	YES		M	NO		Y	NO		Y
Indication for short selling	143	1	A(1)	1 - Simple	YES	YES	YES	YES		M	NO		Y	NO		Y
Indication of Basket Order	144	1	A(1)	2 - Package	YES	YES	YES	YES		M	NO		Y	NO		Y
Investor Code to Trading member	145	12	A(12)	3 - the same day Package	NO	YES	YES	YES		M	NO		Y	NO		Y
s/n number of client order	157	16	A(16)	Field for identification of oasis code	NO	YES	YES	YES		M	NO		Y	NO		Y
Mixed Transaction Value	173	20	N(19,6)(2,0)	9999999999999999999999 (the position of the decimal point is fixed - LPAD, RPAD with zeros)	NO	YES	YES	NO		N/T if deleting O otherwise	YES		N/T if deleting O otherwise	YES		A/E
Currency of Mixed Value	193	3	A(3)	eg. EUR	NO	YES	YES	NO		N/T if deleting O otherwise	YES		N/T if deleting O otherwise	YES		A/E
Client of Clearing Member	196	50	A(50)	Παρεχόμενος μέλος για εισαγωγή του πελάτη του Clearing Member	NO	YES	YES	NO		N/T if deleting O otherwise	YES		N/T if deleting O otherwise	YES		N/T
Recommended Custodian	246	10	A(10)	From coding of DSS The unique Operator Code at DSS which suggests by the Trading Member to undertake the settlement of particular transaction.	NO	YES	YES	NO		N/T if deleting O otherwise	YES		N/T if deleting O otherwise	YES		N/T
Reference Code 1	256	30	A(30)	Παρεχόμενος μέλος για χρήση από ΜΑ και ΕΜ	NO	YES	YES	YES		O	YES		N/T if deleting O otherwise	YES		N/T
Clearing Member Code	266	10	A(10)	From coding of DSS The unique Operator Code at DSS who is responsible for the clearance of the transaction.	YES	YES	YES	YES		M	NO		Y (should be identical to the Clearing member importing the file)	NO		Y
Clearing account	296	10	A(10)	Field for Clearing Member ID at oasis	YES	YES	YES	NO		M	NO		Y	NO		N/T
Subaccount of Clearing	306	10	A(10)	Field for Clearing Member ID at oasis	YES	YES	YES	NO		M	NO		Y	NO		N/T
Ability to change trading member	316	1	A(1)	0 – The transaction can be changed AND by the Trading Member. 1 – The transaction can NOT be changed by the Trading Member	YES	YES	YES	NO		N/T	N/T		N/T if deleting M otherwise	YES		N/T
Custodian Code	317	10	A(10)	From coding of DSS DSS Code for clearing member	YES	YES	YES	NO		M	NO		Y	NO		Y (must be different from clearing member to become the transfer)
Value of transfer to custodian	327	20	N(19,6)(2,0)	9999999999999999999999 (or the position of the decimal point is fixed - LPAD, RPAD with zeros)	NO	NO	YES	YES		N/T	N/T		N/T if deleting O otherwise	YES		N/T
currency	347	3	A(3)	eg. EUR	NO	NO	YES	YES		N/T	N/T		N/T if deleting O otherwise	YES		N/T
sub-Custodian	350	50	A(50)	Information field to enter sub Custodian	NO	NO	YES	YES		N/T	N/T		N/T if deleting O otherwise	YES		N/T
Customer - Custodian	400	50	A(50)	Information field to enter the Customer of the Custodian	NO	NO	YES	YES		N/T	N/T		N/T if deleting O otherwise	YES		N/T
Reference Code 2	450	30	A(30)	Information field for use from custodian	NO	NO	YES	YES		N/T	N/T		N/T if deleting O otherwise	YES		N/T
Investor Share Code	460	10	A(10)	From coding of DSS	NO	NO	NO	YES		N/T	N/T		N/T if deleting O otherwise	YES		N/T
Investor Securities Account	490	10	A(10)	From coding of DSS	NO	NO	NO	YES		N/T	N/T		N/T if deleting O otherwise	YES		N/T
Indication Analysis	500	1	A(1)	0 – Non analyzed transaction 1 – The transaction has been analyzed.	YES	NO	YES	YES		N/T	N/T		N/T	N/T		N/T
Analyzed Quantity	501	15	N(15)	The quantity that has been analyzed. At first, it will be equal to the quantity of the transaction. If the transaction is analysed, or zero if the transaction has not been analyzed. In the next phase (if allowed partial analysis) it will take intermediate values	YES	N/T	YES	YES		N/T	N/T		N/T	N/T		A/E
Settlement Quantity	516	15	N(15)	The quantity that has already been settled. If it has fully settled the field is equal to the Quantity field.	YES	N/T	YES	YES		N/T	N/T		N/T	N/T		N/T

NOTES

1* Always Included:
(if NO then they are included in the file only if they are registered at the system
if YES then always there is listed price)

2* Visible from trading member:
(if yes then the trading member can be informed of the value of the field when it is registered in the system.
if no then the field for TM will always blank)

3* Visible from Clearing member:
(if yes then the Clearing member can be informed of the value of the field when it is registered in the system.
if no then the field for CM will always blank)

4* Visible from Custodian:
(if yes then the custodian can be informed of the value of the field when it is registered in the system.
if no then the field for cust will always blank)

Notes :

1* included always:

(if NO then included in the file only if it is registered in the system

if YES then there is always stored value)

2* Seen from trading member:

(if YES then the trading member can be informed about the price of the Field when it is registered in the system.

if NO then this Field will always blank)

3* Seen from Clearing Member

(if YES then the Clearing member can be informed about the price of the Field when it is registered in the system.

if NO then this Field will always blank)

4* Seen from Custodian

(if YES then the Custodian can be informed about the price of the Field when it is registered in the system.

if NO then this Field will always blank)

5* Field Trade Value for Currency Euro may have up two non-zero decimal digits. The next four should always be 0.

In case of import file to DSS if found errors produced the following errors file

Field	Position	Type/Length	Remarks
Record Type	1	A(1)	Errors File (6)
Reference S/N of Import File	2	N(6)	The Registration S/N of the record at the import file
Code of Securities Trading System	8	A(4)	The code of the settlement system to which the particular act belongs
Transactions Date	12	D(8)	DDMMYYYY
Settlement Date	20	D(8)	DDMMYYYY
Transaction S/N at DSS	28	N(7)	The S/N of transaction at DSS
Error Code	35	A(10)	The error code
Error Message	45	A(80)	Description of error

Field "Trade Value", Position 105, Length Field 20 filled in with 999999999999.999999 (Position of decimal point is fixed - LPAD, RPAD with zero). Added import inspection structured transaction not to have registered Trade Value with more than 2 decimals (Currency euro). Field continues to be filled in the same manner except that the last four decimal digits will have the value zero 999999999999.990000 (Position of decimal point is fixed - LPAD, RPAD with zero).

Otherwise you will receive an error message CSD-20058 με αιτιολογία "Trade Value may have up two decimals ".

In case of import file in DSS produced the following file of approved records.

Field	Position	Type/Length	Remarks
Record Type	1	A(1)	File of successful records (0)
Reference S/N of Import File	2	N(6)	The Registration S/N of the record at the import file.
Code of trading system	8	A(4)	The code of the settlement system to which the particular act belongs
Trade Date	12	D(8)	DDMMYYYY
Settlement Date	20	D(8)	DDMMYYYY
S/N Trade at DSS	28	N(7)	The S/N of the trade at DSS.
Unit price	35	N(13,6)(14)	The result of the division of trading value by quantity 9999999.999999 (the Position of the decimal separators is standard - LPAD, RPAD with zeros).

6.2 Structure of File investor codes declarations at trading member

The drawing pattern is used in the following operations:

1. Production of investor's entered code file at Trading Member by the DSS
2. Import file of new entries and inactivation investor codes at Trading Member at DSS.

Field	Y	Position	Type/Length	Remarks
Custodian Code at DSS	•	1	A(10)	From coding of DSS. The unique code assigned to the custodian.
S/N Record	•	11	A(10)	Numbering from the Operator for reference purposes. Only used when importing files in DSS
Investor Account Code	•	21	A(10)	The Investor's account
Client code	•	31	A(12)	The unique client code per Custodian and Trading Member which is used in the trading system for transactions of the particular investor.
Activation Date		43	D(8)	When entering the records does not examined. In the system entered the current date. During the deactivation does

Field	Y	Position	Type/Length	Remarks
				not examined. In the production of registered file has the Structure of DDMMYYYY.
Remarks		51	A(33)	Operator's Comments and Remarks
Trading Member Code of Client	•	84	A(10)	The code of the trading member to which the customer belongs
Deactivation Date		94	D(8)	During the registration of records must be blank. During the deactivation should have the form DDMMYYYY and to be equal to the current date. At the production of registered file the form is DDMMYYYY(for the deactivated records).

In case on importation of the file in DSS detected errors produced the following error file which is sent to the operator to correct the master file.

Field	Position	Type/Length	Remarks
File Type	1	A(1)	Errors File (6)
Custodian Code at DSS	2	A(10)	The Operator Code at DSS from the loading file.
Investor Account Code	12	A(10)	The Investor Account Code
Client code	22	A(12)	Client code to trading member (oasis code)
Client's Trading Member Code of client	84	A(10)	The code of the trading member to which the customer belongs
S/N Record	35	N(10)	The S/N Registration on loading file.
Error Code	45	A(10)	Assigned by the DSS
Error Description	55	A(255)	Assigned by the DSS

The following table shows the relevant error codes with their Description.

Κωδικός λάθους	Description
CSD-60013	The characters you entered for Custodian code is incorrect.
CSD-03100	Incorrect Custodian Code
CSD-03046	Nonexistent or inactivated account.
CSD-01338	There is no Authorization of Use or it is inactive
CSD-60013	The characters which have been entered for Client's Trading Member Code is

	incorrect
CSD-03100	Incorrect Trading Member Code
CSD-20036	The Inactive Date must be equal to the current.
CSD-01137	There is an active record with the same data.
CSD-01103	No records found. (in case of inactivation)

6.3 Structure of charges files

6.3.1 Structure File of detailed charges

The file with the charges based on the transactions is produced for each transaction date and has the following drawing pattern:

Field	Position	Type/Length	Remarks
Trade Date	1	D(8)	DDMMYYYY
Settlement date	9	D(8)	DDMMYYYY
Obligation Date	17	D(8)	DDMMYYYY
Clearing Member	25	A(10)	From coding of DSS.
Clearing Space	35	A(2)	The clearing space ('01'= ASE Market or '02' = Other Markets)
Clearing Account	37	A(10)	Filled with Blank on the Right (RPAD with Blank)
Clearing Subaccount	47	A(10)	Filled with Blank on the Right (RPAD with Blank)
Trading Member Code	57	A(10)	From coding of DSS.
Type of Charge	67	A(2)	Charging code type according to the table below
Quantity	69	N(10)	The number of transactions which charged
Charge Amount	79	N(13,6)(14)	9999999.999999 (Position of the decimal separators is standard - LPAD, RPAD with zeros).

The Charges Type listed below:

Type of Charge	Description
01	Outlining
02	Permutation

Type of Charge	Description
03	Automatic orders specific instructions for Account of Special Intermediary
04	Analysis of Foreign Securities

For the information of the members on charges which are based on cleared transactions and sales tax will be produced a file for each transactions date and will have the following drawing pattern:

Field	Position	Type/Length	Remarks
Trade Date	1	D(8)	DDMMYYYY
Settlement date	9	D(8)	DDMMYYYY
Obligation Date	17	D(8)	DDMMYYYY
Clearing Member	25	A(10)	From coding of DSS.
Clearing Space	35	A(2)	The Clearing Space Code is '01' (ASE Market or '02' = Other Markets)
Clearing Account	37	A(10)	Filled with Blank on the Right (RPAD with Blank)
Clearing Subaccount	47	A(10)	Filled with Blank on the Right (RPAD with Blank)
Trading Member Code	57	A(10)	From coding of DSS.
S/N Trade	67	N(7)	The unique transaction S/N which attributed by the DSS
Reference Code 1	74	A(30)	As has been defined in the transaction file
Reference Code 2	104	A(30)	As has been defined in the transaction file
Trade Value	134	N(19,6)(20)	99999999999999999999 (Position of the decimal separators is standard - LPAD, RPAD with zeros)
Charge Type	154	A(2)	Charging code type according to the table below
Charge Amount	156	N(13,6)(14)	9999999.999999 (Position of the decimal separators is standard - LPAD, RPAD with zeros).

The Charges Type listed below:

Type of Charge	Description
01	Analysis
02	Clearance
03	Tax

6.3.2 Structure of a single charges file

For members who want to take through a only one file the above detailed charges is available in a single charges file which follows the following drawing pattern:

Field	Position	Type/Length	Remarks
Trade Date	1	D(8)	DDMMYYYY If the charge relates transfer from transitory account at this Field entered the transaction date
Settlement date	9	D(8)	DDMMYYYY If the charge relates transfer from transitory account at this Field entered the transaction date
Obligation date	17	D(8)	DDMMYYYY
Clearing Member /Operator transitory account (in case of transfer from transitory account)	25	A(10)	From coding of DSS. If the charge relates transfer from transitory account at this Field entered the Operator of the transitory account Account
Clearing Space	35	A(2)	The Clearing Space Code is '01' (ASE Market or '02' = Other Markets) If the charge relates transfer from transitory account the Field left blank.
Clearing Account / transaction Serial Number (in case of transfer from transitory account)	37	A(10)	Filled with Blank on the Right (RPAD with Blank) If the charge relates transfer from transitory account the Field including the transaction S/N which took place at DSS

Field	Position	Type/Length	Remarks
Subaccount clearing / DSS Code of transitory account (in case of transfer from transitory account)	47	A(10)	Filled with Blank on the Right (RPAD with Blank) If the charge relates transfer from transitory account the Field including the unique account code in which the transfer takes place
Trading Member Code	57	A(10)	From coding of DSS. If the charge relates transfer from transitory account the Field left blank.
S/N Transaction	67	N(7)	The unique transaction S/N which has attributed by the DSS If the charge relates transfer from transitory account the Field left blank. If the charge relates to foreign securities and the type of charge is 07, then the Field is blank..
Reference Code 1	74	A(30)	As has been defined in the transaction file If the charge relates transfer from transitory account the Field left blank. If the charge relates to foreign securities and the type of charge is 07, then the Field is blank
Reference Code 2	104	A(30)	As has been defined in the transaction file If the charge relates transfer from transitory account the Field left blank. If the charge relates to foreign securities and the type of charge is 07, then the Field is blank.
Trade Value	134	N(19,6)(20)	99999999999999999999 (the Position of the decimal separators is standard - LPAD, RPAD with zeros) If the charge relates transfer from transitory account the Field left

Field	Position	Type/Length	Remarks
			blank. If the charge relates to foreign securities and the type of charge is 07, then the Field is blank.
Type of Charge	154	A(2)	
Amount of Charge	156	N(13,6)(14)	9999999.999999 (the Position of the decimal separators is standard - LPAD, RPAD with zeros).
Currency of Transaction	170	A(3)	The currency of the transaction value Coding ISO 4217
Currency of Debit	173	A(3)	The currency of the debit amount Coding ISO 4217
Investor Account	176	A(10)	The Securities Account on which the transaction was analyzed. If the transaction has not analyzed the Field is blank. If the charge relates to the transfer of transitory account, the Field left blank. If the charge relates to foreign securities and the type of charge is 07, then the Field is blank.
Quantity of Transaction	186	N(15)	Quantity on which the sales tax was applied

The types of charges in single file are listed below:

Type of Charge	Description
01	Analysis
02	Clearance
03	Tax
04	Outlining
05	Permutation
06	Automatic Orders specific instructions for transitory account
07	Analysis for Foreigners Securities
08	Clearing Account

Table coding currencies in ISO 4217

Currency Code	Currency
AED	United Arab Emirates dirham
AFN	Afghani
ALL	Lek
AMD	Armenian dram
ANG	Netherlands Antillean guilder
AOA	Kwanza
ARS	Argentine peso
AUD	Australian dollar
AWG	Aruban guilder
AZN	Azerbaijani manat
BAM	Convertible marks
BBD	Barbados dollar
BDT	Bangladeshi taka
BGN	Bulgarian lev
BHD	Bahraini dinar
BIF	Burundian franc
BMD	Bermudian dollar (Bermuda dollar)
BND	Brunei dollar
BOB	Boliviano
BOV	Bolivian Mvdol (funds code)
BRL	Brazilian real
BSD	Bahamian dollar
BTN	Ngultrum
BWP	Pula
BYR	Belarussian ruble
BZD	Belize dollar
CAD	Canadian dollar
CDF	Franc Congolais
CHE	WIR euro (complementary currency)
CHF	Swiss franc
CHW	WIR franc (complementary currency)
CLF	Unidad de Fomento (funds code)
CLP	Chilean peso
CNY	Renminbi
COP	Colombian peso
COU	Unidad de Valor Real
CRC	Costa Rican colon
CUP	Cuban peso
CVE	Cape Verde escudo
CZK	Czech koruna
DJF	Djibouti franc
DKK	Danish krone
DOP	Dominican peso
DZD	Algerian dinar
EEK	Kroon

EGP	Egyptian pound
ERN	Nakfa
ETB	Ethiopian birr
EUR	Euro
FJD	Fiji dollar
FKP	Falkland Islands pound
GBP	Pound sterling
GEL	Lari
GHS	Cedi
GIP	Gibraltar pound
GMD	Dalasi
GNF	Guinea franc
GTQ	Quetzal
GYD	Guyana dollar
HKD	Hong Kong dollar
HNL	Lempira
HRK	Croatian kuna
HTG	Haiti gourde
HUF	Forint
IDR	Rupiah
ILS	Israeli new sheqel
INR	Indian rupee
IQD	Iraqi dinar
IRR	Iranian rial
ISK	Iceland krona
JMD	Jamaican dollar
JOD	Jordanian dinar
JPY	Japanese yen
KES	Kenyan shilling
KGS	Som
KHR	Riel
KMF	Comoro franc
KPW	North Korean won
KRW	South Korean won
KWD	Kuwaiti dinar
KYD	Cayman Islands dollar
KZT	Tenge
LAK	Kip
LBP	Lebanese pound
LKR	Sri Lanka rupee
LRD	Liberian dollar
LSL	Lesotho loti
LTL	Lithuanian litas
LVL	Latvian lats
LYD	Libyan dinar
MAD	Moroccan dirham
MDL	Moldovan leu
MGA	Malagasy ariary
MKD	Denar
MMK	Kyat
MNT	Tugrik

MOP	Pataca
MRO	Ouguiya
MUR	Mauritius rupee
MVR	Rufiyaa
MWK	Kwacha
MXN	Mexican peso
MXV	Mexican Unidad de Inversion (UDI) (funds code)
MYR	Malaysian ringgit
MZN	Metical
NAD	Namibian dollar
NGN	Naira
NIO	Cordoba oro
NOK	Norwegian krone
NPR	Nepalese rupee
NZD	New Zealand dollar
OMR	Rial Omani
PAB	Balboa
PEN	Nuevo sol
PGK	Kina
PHP	Philippine peso
PKR	Pakistan rupee
PLN	Zloty
PYG	Guarani
QAR	Qatari rial
RON	Romanian new leu
RSD	Serbian dinar
RUB	Russian rouble
RWF	Rwanda franc
SAR	Saudi riyal
SBD	Solomon Islands dollar
SCR	Seychelles rupee
SDG	Sudanese pound
SEK	Swedish krona
SGD	Singapore dollar
SHP	Saint Helena pound
SLL	Leone
SOS	Somali shilling
SRD	Surinam dollar
STD	Dobra
SYP	Syrian pound
SZL	Lilangeni
THB	Baht
TJS	Somoni
TMT	Manat
TND	Tunisian dinar
TOP	Pa"anga
TRY	Turkish lira
TTD	Trinidad and Tobago dollar
TWD	New Taiwan dollar
TZS	Tanzanian shilling

UAH	Hryvnia
UGX	Uganda shilling
USD	US dollar
USN	United States dollar (next day)
USS	United States dollar (same day)
UYU	Peso Uruguayo
UZS	Uzbekistan som
VEF	Venezuelan bolivar fuerte
VND	Vietnamese dong
VUV	Vatu
WST	Samoan tala
XAF	CFA franc BEAC
XAG	Silver (one troy ounce)
XAU	Gold (one troy ounce)
XBA	European Composite Unit (EURCO)
XBB	European Monetary Unit (E.M.U.-6)
XBC	European Unit of Account 9 (E.U.A.-9)
XBD	European Unit of Account 17 (E.U.A.-17)
XCD	East Caribbean dollar
XDR	Special Drawing Rights
XFU	UIC franc (special settlement currency)
XOF	CFA Franc BCEAO
XPB	Palladium (one troy ounce)
XPF	CFP franc
XPT	Platinum (one troy ounce)
XTS	Code reserved for testing purposes
YER	Yemeni rial
ZAR	South African rand
ZMK	Kwacha
ZWL	Zimbabwe dollar
ZWR	Zimbabwe dollar

6.4 Structure file of registered intermediary accounts

The file with the entered Broker Clearing Accounts (Principal Accounts) has the following drawing pattern:

Field	Position	Type/Lenght	Remarks
Operator	1	A(10)	From coding of DSS If the Operator which have made the connexion between the Account of Broker and the investment share of the broker is different from he who produce the

Field	Position	Type/Lenght	Remarks
			file, then the field is blank.
Broker Account	11	A(10)	From coding of DSS
Description of Broker Account	21	A(200)	Text
Securities Account	221	A(10)	From coding of DSS
Description of Securities Account	231	A(200)	Text
Activation Date	431	DATE	DDMMYYYY
Deactivation Date	439	DATE	DDMMYYY
Comments	447	A(512)	Text

6.5 Structure of import file, activate and deactivate of Intra days.

Field	Y	Position	Type/Lenght	Remarks
S/N Registration at the file	•	1	N(10)	This number is used to correlate each record of input file with the appropriate entries in the records of successful and failed records. There is no check for the uniqueness of this code, but it is recommended to be unique for the facilitating of operators.
Action	•	11	A(1)	Specifies the type of the action related to the specific record: 1 = Insert new record 2 = Deactivate of a registered Record 3 = Activate of inactivated of registered Record
Operator	•	12	A(10)	Operator of registration
Code of Securities Trading System	•	22	A(4)	The code of the settlement system which the particular act belongs.
Trade date	•	26	DATE (ddmmyyyy)	

Buy Trade S/N	•	34	N(7)	
Sell Trade S/N	•	41	N(7)	

Each additional character except drawing pattern is ignored.

Format of file of rejected (rjt) and successful (scx) Intraday.

Field	Position	Type/Lenght	Remarks
Record Type	1	N(1)	The Code of Record Type. It is always 6 for rjt and blank for the scx
S/N Registration at the file	2	N(10)	This number is used to correlate each record of input file with the appropriate entries in the records of successful and failed records. There is no check for the uniqueness of this code, but it is recommended to be unique for the facilitating of operators.
Code of trading system of securities	12	A(4)	The code of the settlement system which the particular act belongs.
Trade Date	16	DATE (ddmmyyyy)	
Buy Trade S/N	24	N(7)	
Error Code and Description of Error	31		The csd error code (which is A(9)) and the Description is dash (-). (only for rjt files)