



# Dress Rehearsal

## Guidelines & Scenarios

Athens, December 2017

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**Contents table**

|           |   |           |
|-----------|---|-----------|
| <b>1.</b> | <b>Introduction .....</b>                             | <b>2</b>  |
| <b>2.</b> | <b>General Guidelines.....</b>                        | <b>3</b>  |
| 2.1.      | Connectivity Tests .....                              | 3         |
| 2.2.      | Dress Rehearsal on ATHEX Production Environment ..... | 3         |
| 2.2.1.    | ATHEX Derivatives Market & Repos Schedule .....       | 5         |
| <b>3.</b> | <b>Access to ATHEXGroup Systems.....</b>              | <b>6</b>  |
| 3.1.      | Trading System - ORAMA .....                          | 6         |
| 3.2.      | Trading System – ATHEX GW .....                       | 6         |
| 3.3.      | Data Vendors.....                                     | 7         |
| 3.4.      | RDS Service.....                                      | 7         |
| 3.5.      | Order Record Keeping Service (ORK) .....              | 8         |
| <b>4.</b> | <b>Transaction File.....</b>                          | <b>9</b>  |
| <b>5.</b> | <b>Block trades.....</b>                              | <b>10</b> |
| <b>6.</b> | <b>Valid tick sizes.....</b>                          | <b>11</b> |
| <b>7.</b> | <b>Changes in ORAMA .....</b>                         | <b>12</b> |
| 7.1.      | Improvements in ORAMA .....                           | 12        |
| <b>8.</b> | <b>Trading Scenarios.....</b>                         | <b>14</b> |
| 8.1.      | Order volume .....                                    | 14        |
| <b>9.</b> | <b>Problems report.....</b>                           | <b>15</b> |

# 1. Introduction

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ATHEXGroup has scheduled for the **weekend 9-10/12/2017** a Dress Rehearsal (General Mock Session) in the Production environment which aims to confirm the sound operation of new OASIS version (5.0) and the familiarization of participants with the new functionalities dictated by the EU directive MiFID II.

In parallel with the implementation of new OASIS version (5.0), the following will be implemented as well:

- Abolition of Market static data (Reference Data) which will not be disseminated via ATHEX GW and Data Feed service but via the RDS service.
- New Transactions (Reconciliation) file specifications
- New Import-Export Activities' file specifications
- Implementation of valid tick sizes according to MiFID II directive and **RTS 11 Appendix**.
- Modification of trade reports' minimum transaction's value
- Abolition of "Low Dispersion" market category
- Abolition of "Under Deletion" market category

The Dress Rehearsal will take place in two phases:

- **SATURDAY 09/12/2017** (14:30-19:00) → Connectivity Tests
- **SUNDAY 10/12/2017** (10:00-17:00) → Dress Rehearsal

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*The active participation and contribution of Members in the Dress Rehearsal is deemed crucial to the testing of the new version*

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## 2. General Guidelines

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In the current document you may find **Guidelines** for the Dress Rehearsal and the upgrade of Production Systems in order to participate in it.

Moreover, a detailed document describing the **rollover** procedure of systems in the current Production version will be uploaded on our website.

### 2.1. Connectivity Tests

On Saturday **09/12/2017, between 14:30 and 19:00 (Athens time)**, the ATHEX Trading Members and Data Vendors will be able to perform Connectivity Tests in the following Systems on the Production Environment (OASIS v5.0):

- ATHEX GW
- ORAMA Application
- Members FEED IOCP

### 2.2. Dress Rehearsal on ATHEX Production Environment

On Sunday **10/12/2017 between 10:00 and 17:00 (Athens time)**, a Dress Rehearsal on ATHEX Production Environment will take place.

The ATHEX Trading Members will be able to enter orders, perform their testing scenarios, as well as the scenarios described in this document, and generally fully test their MiFID II compliant Systems.

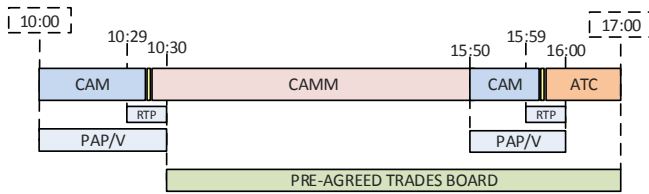
The ATHEX Market schedule will be the following:



ATHEXGROUP  
Athens Exchange Group

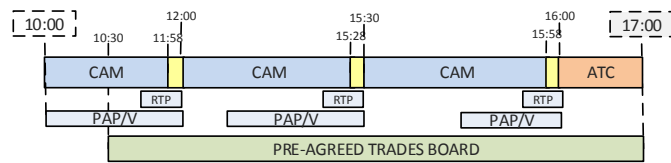
Χρονοσμός Αγορών Αξιών Χ.Α  
ATHEX's Cash Markets Schedule

MiFID II  
Dress Rehearsal



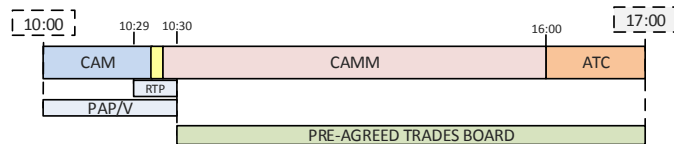
**Κύρια Αγορά (Κωδ. αγοράς: M / Venue ID: XATH)**  
 Τιμή Κλεισίματος: Δημ. στο κλείσιμο  
 Όρια Διακύμανσης: ±30% / 10%  
 Στατικό όριο: ±10% / 15% / -  
 Δυναμικό όριο: ±3% / -  
 Σημαντική Απόκλιση Δημ.: ±30%  
 Σημαντικός Όγκος Δημ.: 30%  
 Χρόνος Προσυν. AMEM: 2min  
 Χρόνος Επέκτασης AMEM: 1min  
 Περίοδος Τυχαίου Χρόνου: 1 min

**Main Market (Market ID: M / Venue ID: XATH)**  
 Closing Price: Closing auction  
 Price Fluctuation Limits: ±30% / 10%  
 Static Price Range: ±10% / 15% / -  
 Dynamic Price Range: ±3% / -  
 Price Tolerance Rule: ±30%  
 Volume Min Rule: 30%  
 Vol. Int Pre Call: 2min  
 Vol. Int Extension: 1min  
 RTP: 1min



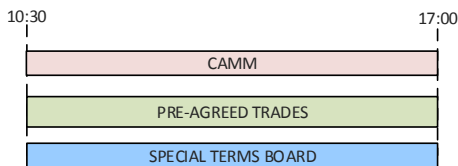
**Επιτήρησης (Κωδ. αγοράς: C / Venue ID: XATH)**  
 Τιμή Κλεισίματος: ΣΜΟ σημαντικής αξίας συναλλαγών ποσοστού τελευταίων πράξεων  
 Όρια Διακύμανσης: ±20%

**Surveillance (Market ID: C / Venue ID: XATH)**  
 Closing Price: VWAP of significant value of % of last trades  
 Price Fluctuation Limits: ±20%



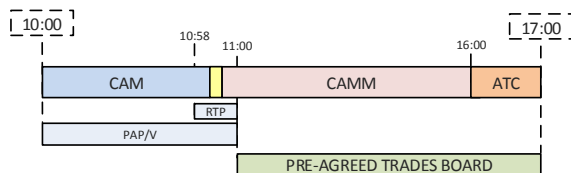
**ΔΑΚ (Κωδ. αγοράς: T / Venue ID: XATH)**  
 Τιμή Κλεισίματος: Τελευταία πράξη  
 Όρια εισαγωγής εντολών: ±30%

**ETF (Market ID: T / Venue ID: XATH)**  
 Closing Price: Last trade price  
 Price Fluctuation Limits: ±30%



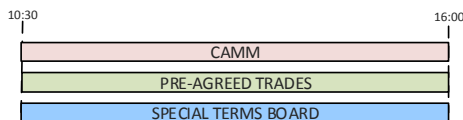
**Ομολόγων (Κωδ. αγοράς: O / Venue ID: XATH)**  
 Τιμή Κλεισίματος: ΜΣΟ τελευταίων 30'  
 Όρια Διακύμανσης: Απεριόριστα  
 Στατικό όριο: ±10%  
 Δυναμικό όριο: ±3%  
 Σημαντική Απόκλιση Δημ.: ±30%  
 Σημαντικός Όγκος Δημ.: 30%  
 Χρόνος Προσυν. AMEM: 2min  
 Χρόνος Επέκτασης AMEM: 1min  
 Περίοδος Τυχαίου Χρόνου: 1min

**Bonds (Market ID: O / Venue ID: XATH)**  
 Closing Price: VWAP of last 30' trades  
 Price Fluctuation Limits: Unlimited  
 Static Price Range: ±10%  
 Dynamic Price Range: ±3%  
 Price Tolerance Rule: ±30%  
 Volume Min Rule: 30%  
 Vol. Int Pre Call: 2min  
 Vol. Int Extension: 1min  
 RTP: 1min



**Εναλλακτική (Κωδ. αγοράς: F / Venue ID: ENAX)**  
 Τιμή Κλεισίματος: 30% των τελευταίων συναλλαγών  
 Όρια Διακύμανσης: ±10% διευρυμένα σε ±20%

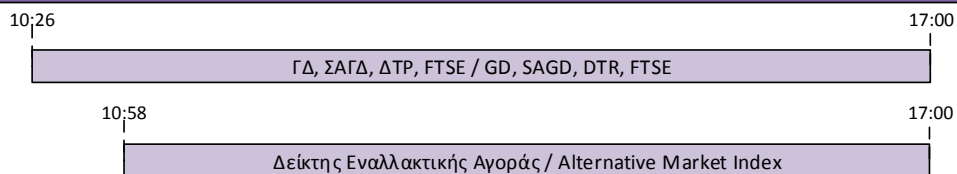
**Alternative (Market ID: F / Venue ID: ENAX)**  
 Closing Price: 30% of last trades  
 Price Fluctuation Limits: ±10% adjusted to ±20%



**Εναλλακτική Ομολόγων (Κωδ. αγοράς: G / Venue ID: ENAX)**  
 Τιμή Κλεισίματος: Σταθμισμένη τιμή των τελευταίων 30'  
 Όρια Διακύμανσης: Απεριόριστα

**Alternative Bonds (Market ID: G / Venue ID: ENAX)**  
 Closing Price: Weighted average of the last 30' trades  
 Price Fluctuation Limits: Unlimited

Χρονοσμός Δεικτών ΧΑ / ATHEX Indices Schedule

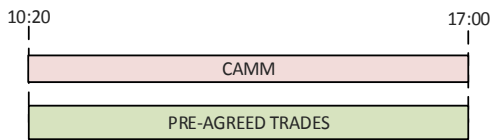


2.2.1. **ATHEX Derivatives Market & Repos Schedule**



**Χρονισμός Αγορών Παραγώγων Χ.Α**  
**ATHEX's Derivatives Markets Schedule**

MiFID II  
Dress Rehearsal

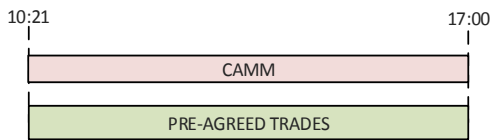


**Index Futures & Options**

Market ID:1, Venue ID: XADE

Index FUT: Fluctuation Limits:  $\pm 20\%$  adjusted to  $\pm 35\%$

Index OPT: Fluctuation Limits: For each (call & put) option series, the theoretical price is calculated, on which the absolute value resulted from the  $\pm 35\%$  on the starting price of the underlying instrument will be added, in order the fluctuation limits to be defined respectively

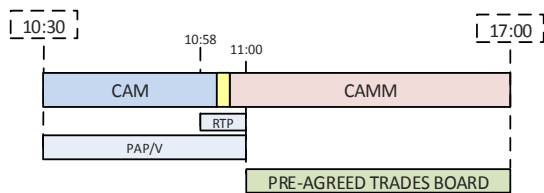


**Stock Futures & Options**

Market ID:2, Venue ID: XADE

Stock FUT: Fluctuation Limits:  $\pm 35\%$

Stock OPT: Fluctuation Limits: For each (call & put) option series, the theoretical price is calculated, on which the absolute value resulted from the  $\pm 35\%$  on the starting price of the underlying instrument will be added, in order the fluctuation limits to be defined respectively.



**Repos**

Market ID:3, Venue ID: XADE

Price Fluctuation Limits: Unlimited

### 3. Access to ATHEXGroup Systems

You may connect to OASIS V5.0 **Production environment** via ORAMA application or ATHEX GW.

#### 3.1. Trading System - ORAMA

In order to connect to ORAMA application, you have to update ORAMA, with the new version which is available on our website and especially: [https://www.athexgroup.gr/mifid-ii\\_mifir](https://www.athexgroup.gr/mifid-ii_mifir) following the below steps:

1. In the ORAMA setup folder (usually located at C:\OASIS) rename the etw.exe and the NETWRK32.dll to etw\_old.exe and NETWRK32\_Old.dll.  
ATTENTION: Do **NOT** delete those files
2. Save the new etw.exe and the new NETWRK32.dll in the aforementioned folder
3. Create on the Desktop a shortcut of etw.exe and name it **ORAMA**.
4. Create the shortcut for the connection to the Production Environment.

The ORAMA username will be the same with the one used in production and the password will be "**Aa12345678**".



In case you face any problem during the ORAMA connection, you may raise a ticket on Service Desk at **11. Mock Session → Dress Rehearsal**.

#### 3.2. Trading System – ATHEX GW

Members using ATHEX GW service are recommended to proceed to the necessary adjustments and the corresponding connectivity tests according to the aforementioned schedule.

In order to connect to OASIS via ATHEX GW, you have to upgrade the ATHEX GW with the new version which is available in our website and especially: [https://www.athexgroup.gr/mifid-ii\\_mifir](https://www.athexgroup.gr/mifid-ii_mifir).

The installation procedure is described in the «[ATHEX Installation Guide v3.0.1](#)».

It is noted that the minimum requirements for the operating system are:

- ATHEX GW: Windows Server 2008 or greater
- ODL Client API:
  - Windows Server: Windows server 2008 or greater
  - Windows Desktop: Windows 7 or greater

In case you face any problem during the upgrade of ATHEX GW you may raise a ticket on Service Desk at **11. Mock Session → Dress Rehearsal**.

### 3.3. Data Vendors

The ATHEX Members and Data Vendors who have already access to the IOCP Data Feed Server will have the ability to effectively confirm the flawless operation of their systems on Saturday and Sunday, according to the new «**OASIS MARKET DATA FEED SPECIFICATION v. 5.0.3**» and the «**OASIS IDS Interface Technical Specification-IOCP v5.0.1**».

Access details of the IOCP production servers:

IOCP Servers:

- IOCP 1, IP: 193.242.251.71
- IOCP 2, IP: 193.242.251.72
- IOCP Members 1: 10.200.121.37
- IOCP Members 2: 10.200.121.38

TCP/IP Ports:

- Real Time Channel: 1124 (control), 1125 (Data)
- Relaxed Channel: 1124 (control), 1126 (Data)

Access to the above mentioned IOCP servers is granted through the existing connection details (Member's / Vendors' Source IP, username and password).

### 3.4. RDS Service

ATHEX Trading Members and Data Vendors, will be able to receive the static data (Reference Data) of the Market, before the start of the Dress Rehearsal, **after 9:15** (Athens Time) on url: <https://www.athexgroup.gr/rds>.

Access to the above Service is granted to the following:

- Head or Responsible for Trading in Cash Market as indicated in the Members Profile Form that you have submitted at ATHEXGroup
- Head or Responsible for Trading in Derivatives Market as indicated in the Members Profile Form that you have submitted at ATHEXGroup
- Head or Responsible for IT issues as indicated in the Members Profile Form that you have submitted at ATHEXGroup
- IT Responsible of Data Vendors
- Responsible of Corporate actions of Data Vendors



The credentials (username & password) will be the ones that you are using in order to login on [www.athexgroup.gr](http://www.athexgroup.gr) and/or Service Desk.

In case you face any problem during the download of Data Files you may raise a ticket at Service Desk to **11. Mock Session → Dress Rehearsal**.

### 3.5. Order Record Keeping Service (ORK)

The ORK Service will be available on Sunday 10/12, mainly for downloading files, with no participation of internal ORK.

The access to **ORK@ATHEX** will be via:

**Web interface → FORM Authentication over https**

- <https://amp.athexgroup.gr/apex>

**REST API → Basic Authentication over https:**

- [https://amp.athexgroup.gr/amp/ork/submit\\_data/](https://amp.athexgroup.gr/amp/ork/submit_data/) (method:Post)
- [https://amp.athexgroup.gr/amp/ork/getMappings1\\_1/](https://amp.athexgroup.gr/amp/ork/getMappings1_1/) (method:Get)
- [https://amp.athexgroup.gr/amp/ork/getSubmissions1\\_1/](https://amp.athexgroup.gr/amp/ork/getSubmissions1_1/) (method:Get)

Access to the above Service, is granted to the following:

- Head or Responsible for Trading in Cash Market as indicated in the Members Profile Form that you have submitted at ATHEXGroup
- Head or Responsible for Trading in Derivatives Market as indicated in the Members Profile Form that you have submitted at ATHEXGroup
- Head or Responsible for IT issues as indicated in the Members Profile Form that you have submitted at ATHEXGroup
- Head or Responsible Compliance Officer as indicated in the Members Profile Form that you have submitted at ATHEXGroup

The credentials (username & password) will be the ones that you are using to login on [www.athexgroup.gr](http://www.athexgroup.gr) and/or Service Desk.

In case you face any problem during the download of Data Files, you may raise a ticket at Service Desk to **11. Mock Session → Dress Rehearsal**.

## 4. Transaction File

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The Transaction file (Reconciliation) will be available to the ATHEX Trading Members **after 17:00** (local time) at <https://www.athexgroup.gr/el/members-files> to the users that have the relevant access.

We inform you that the new specification of **Transaction File** is available at [https://www.athexgroup.gr/mifid-ii\\_mifir](https://www.athexgroup.gr/mifid-ii_mifir).

In case you face any problem during the downloading of the above files, you may raise a ticket on Service Desk to **11. Mock Session → Dress Rehearsal**.

## 5. Block trades

During the Dress Rehearsal and from the day of OASIS v5.0 Go Live, the minimum value of Block Trades Method 6-1, will change according to the following table:

|                   | Minimum Value |                 | Requirement         |
|-------------------|---------------|-----------------|---------------------|
|                   | Pre MiFID II  | New             |                     |
| Stock Market      | 250.000 €     | 300.000 €       | ADNT < 25.000.000 € |
| Warrants          | 250.000 €     | 60.000 €        |                     |
| Stock Derivatives | 200 contracts | 6.000 contracts | Min value €25.000   |
| Index Derivatives | 200 contracts | 100 contracts   | Min value €25.000   |

## 6. Valid tick sizes

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As **MiFID II** dictates, the valid tick size in ATHEX shares and ETFs will be calculated using the **Average Daily Number of Transactions (ADNT)** and the relevant table of **RTS 11/ANNEX**.

The new tick sizes will be implemented in the Dress Rehearsal and will also be in force in the production system with the Go-Live of OASIS v5.0. Moreover, a list of shares' ADNT in production environment will be available on our website and especially on: [https://www.athexgroup.gr/mifid-ii\\_mifir](https://www.athexgroup.gr/mifid-ii_mifir).

## 7. Changes in ORAMA

### 7.1. Improvements in ORAMA

The Order Entry window of ORAMA has been changed:

The screenshot shows the 'Order Entry' window with the following fields and values:

- Side: B
- Security: ETE
- Volume: 50
- Disclosed: 50
- Price: 0,3000
- Value: 15
- Account: 100
- Grouping: |
- Clearing ID: XD01-CATH
- Internal ID:
- Pos. Effect: NORMAL
- Condition:
- Duration: DAY, 29/11/2017
- Client Id: 12345
- Client Id Qual: PERSON
- Inv. Decision Id: 0
- Inv. Decision Id Qual: NONE
- Exec. Within Firm Id: 3
- Exec. Within Firm Id Qual: NONE
- Non Exec. Broker Id: 0
- Trading Capacity: MATCHED
- Liquidity Provision: NO
- Remarks:
- Send this order as inactive:
- Short:
- Immediate Settlement:
- Covered:

The 'MAIN - Main Board' section displays the following data for 'National Bank of Greece (CR) (GRS003003027)':

| Volume | Bid | Ask    | Volume |
|--------|-----|--------|--------|
|        |     | 0,3000 | 22     |

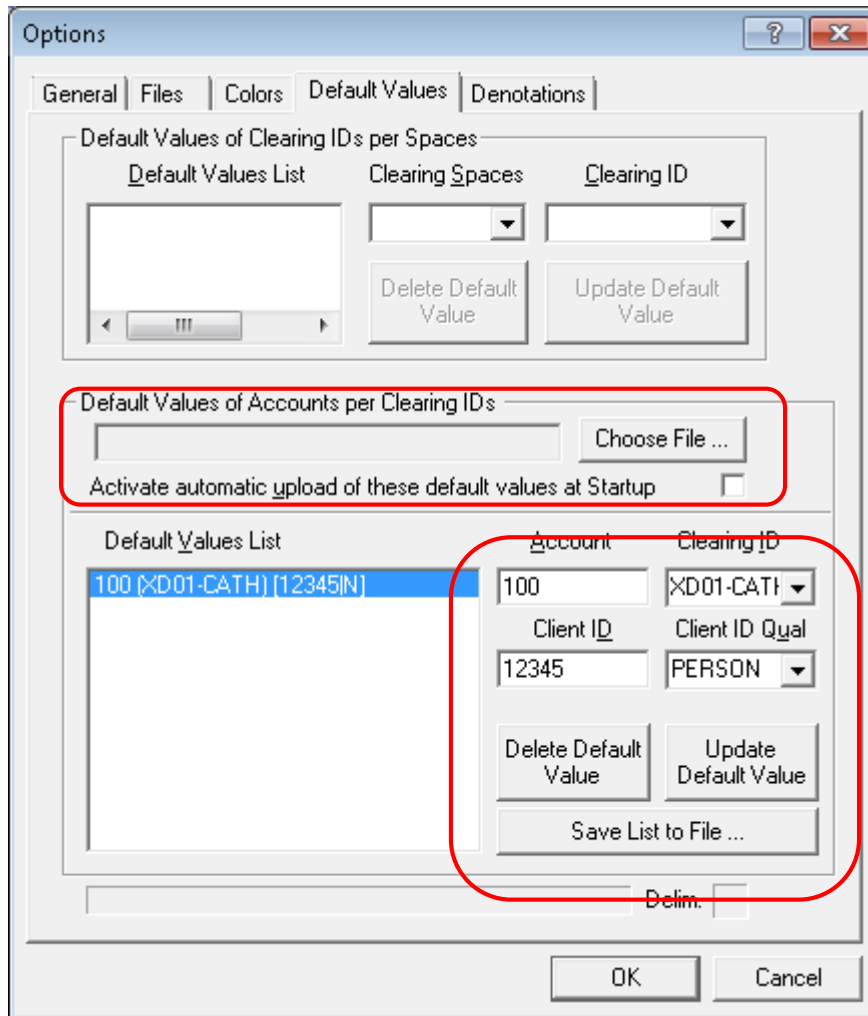
For the faster order entry and the better support of ORAMA users, the users have the ability to create a file of combinations of the following fields:

- Account
- Clearing ID
- Client ID
- Client ID Qual

This file can be created via the ORAMA, selecting View → Options → Default Values following the below steps:

- Definition of Account/Clearing ID/Client ID/Client ID Qual for every client
- Select «Update Default Value» for every client
- Select «Save list to File»

The file can be uploaded to every ORAMA terminal and to be selected via the «Default Values of Accounts per Clearing IDs»



## 8. Trading Scenarios

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During the Dress Rehearsal Trading Members should follow a significant set of their trading scenarios in order to affirm the sound operation of their applications.

### 8.1. *Order volume*

Insert Buy and/or Sell orders in ORAMA for EXAE share with a volume larger than 139.823 shares and observe the relevant message of exceeding order volume for this action.

## 9. Problems report

ATHEX Members that may face a problem (technical or not) should contact Members Support dpt through telephone, e-mail or Service Desk (**11. Mock Session → Dress Rehearsal**):

Tel: + 30 - 210 - 33.66.385 & 33.66.393

E-mail: [members-support@athexgroup.gr](mailto:members-support@athexgroup.gr)

Service Desk:

<https://servicedesk.athexgroup.gr/servicedesk/customer/portal/201/group/874>

