Primary Dealer Contracts for Government Securities.
International Comparison and Lessons for Ukraine.

Executive Summary

This advisory paper is intended as a supporting guide for policymakers in Ukraine who are currently working on the details of a primary dealer system for government securities in the country. In the main, the paper builds on the detailed evaluation of original contracts between governments and primary dealers from more than 20 countries worldwide. We describe the main features of different primary dealer contracts and highlight particularly important issues.

The key elements in each contract are (i) the contract’s general setup and structure (ii) the application and selection criteria for dealers (iii) the specific obligations and privileges of dealers (iv) the obligations by part of the government and (v) issues of supervision, evaluation and sanctions regarding the dealer’s activity.

The paper also presents and evaluates a number of preselected contracts, which we regard as particularly well suited. Finally, we put forth a detailed list of recommendations on how the primary dealer contract should be set up in Ukraine.

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1 Introduction

The government of Ukraine is planning to introduce a primary dealer system for government securities. This decision forms part of its strategy to develop the domestic bond market in Ukraine. We strongly support the introduction of such a system in Ukraine, as it has proven to be successful in many emerging economies in similar stages of bond market development. As argued in a closely related advisory paper on the topic, we believe that such voluntary arrangement between the Ministry of Finance and financial firms may be beneficial for the country. The system may help to reduce the cost of borrowing and creates a more stable source of financing for the government in Ukraine. But also the private sector and the economy as a whole may benefit from larger and more regular domestic debt placements and an increased liquidity on the government bond market.

Policymakers, however, face a series of challenges when introducing a primary dealer system. The key challenge is to design a system that works from the start and that suits domestic market conditions. In general, there are no international standards on primary dealer systems. As a result, there is large variety in the type of primary dealer agreements and their provisions. The detailed rules and procedures, however, are crucial for its success of a newly introduced system and policymakers should be very careful on how to implement and supervise it. International experience shows that only a properly designed system and a careful implementation will prevent its early failure.

At the heart of the primary dealer system lays the agreement between the government and the financial firms. Most countries have formal contracts between the government on the one side – normally represented by the Ministry of Finance or the Central Bank - and the financial intermediaries, the so-called primary dealers (PDs) on the other side. This advisory paper is intended as a supporting guide for policymakers in Ukraine who are currently working on the details of a primary dealer contract. In the main, the paper builds on a detailed evaluation of original contracts from more than 20 countries worldwide. In Part 2, we describe the main features of different primary dealer contracts and highlight particularly important issues. Part 3 presents and evaluates a five preselected contracts, which we regard as particularly well suited. Finally, in Part 4, we outline our recommendations on how to design a contract in Ukraine.

2 Main Features and Characteristics of Primary Dealer Contracts

This section discusses the main features and contents of the different primary dealer contracts in separate sections. First, the contracts clearly vary in their general type, structure and wording. Second, each of the country’s contracts has its own selection and application criteria for primary dealers. Third and fourth, the contracts foresee different privileges and obligations of dealers. Fifth, there is the issue on how to supervise, evaluate and possibly sanction primary dealers that are already active in the market. Lastly, we list the main contract obligations from part of the government.

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1 In essence, a primary dealer system is an agreement between a government and financial intermediaries in the market for government debt. Usually, it implies specific privileges and benefits for the primary dealers, such as the preferred access to government auctions for resale. In return, the dealers guarantee to comply with a set of obligations that help to improve the conditions and liquidity on the primary and secondary markets for government securities.

2 By 2006, more than 40 countries already established such a system, with the number growing constantly. Primary dealers for government debt can be found in developed and developing countries alike and are not specific to small or large countries.


4 See our advisory paper “The currency structure of government debt in Ukraine: Why the share of hryvnia bonds should be increased”, February 2007 http://ierpc.org/ierpc/papers/v19_en.pdf
2.1 Type and Structure of Different Contracts
A short overview reveals that the contracts differ substantially in their general setup and structure. First, the length of the contract’s main body and the degree of detail vary (28 pages in Slovenia versus only 4 pages in Norway). Some contracts, such as the one in Greece, Poland, France, Israel or Slovenia have a highly formal style and go very much into technical detail. Others, such as in the Czech Republic, Finland or Denmark are better suited for a broader audience and contain features, such as a glossary of main terms or a description of the terminology, that allow even an uninformed reader to understand the contracts’ key contents. Similarly, there are contracts that exhibit a clear index and ordering, i.e. in Belgium, the Czech Republic, the Netherlands or Norway, while others, such as in France, Poland, Lithuania, Ireland, Slovenia or Spain are less well structured - making it much more difficult to identify the contract’s key propositions.

Also the signing body differs across countries. In most of the contracts we evaluated, the counterparty of the contract is the Ministry of Finance itself (9 contracts). In 6 countries the contract is signed by a representative of the specific government agency responsible for debt management. In two countries the signing counterparty is the central bank, while other two cases foresee signatures from both the Finance Ministry and Central Bank representatives (Canada and Greece). Another distinguishing structural feature is the inclusion of bidding rules and auction procedure. A number of contracts, i.e. those of Slovenia, Israel or Singapore, contain the detailed rules on bidding and purchase operations. The majority of the contracts, however, simply refer to existing separate documentation or laws, which define such technical auction issues.

2.2. Application and Selection Criteria
A crucial issue in each PD contract are the selection and application criteria. Some contracts do not list any selection criteria for PDs at all (Denmark, the Czech Rep., Ireland, Iceland, Norway, Slovenia) or remain rather fuzzy (Finland, France). Other contracts, however, provide explicit and detailed criteria: As an example, Greece, Hungary, Israel and Lithuania require both EU or OECD membership and a certain minimum capital for PDs. Belgium, Singapore, Poland and Lithuania demand a certain minimum rating by Moody’s, Standard & Poor’s or Fitch. Others, e.g. Hungary, Greece or Singapore, even contain specific requirements regarding the personell of a potential PD (minimum years of experience) or the existence of an organized unit (trading room and back office). Interesting is the contract in Hungary, which lists additional requirements for dealing with Interest Bearing Treasury Bills, a government security tailored for retail customers. Concretely, an applicant wishing to place and trade retail government securities is required to have at least 10 sales branches in the country. Generally, a number of countries such as Canada, Poland or Singapore require some experience on the local market for government securities and a certain threshold of primary or secondary market activity in the past. In a similar vein, the Finnish contract foresees a trial period in which the applicant institution has to prove it can fulfil the obligations. Lastly, most countries require PD applicants to hand in a business plan, a detailed activity report and other reports that allow a thorough revision of the institution’s activities and financial standing.

2.3 Obligations of Primary Dealers
Generally, most contracts are explicit regarding the dealer’s obligations. Nevertheless, some remain rather fuzzy and qualitative in their listing of obligations (i.e. Denmark and Finland) instead of stating each obligation separately and with quantitative measures.

The key dealer obligation in almost all countries with a PD system is to bid in auctions of government debt. Many countries have a minimum underwriting obligation in this regard, meaning that each primary dealer has to purchase a certain minimum amount of all bonds issued (e.g. 3% of all issues in each half year in Hungary, 5% per year in Israel or 2% per year in France and Greece). Some contracts also include maximum bidding amounts
A further crucial contract obligation of primary dealers regards secondary market trading. In the large majority of contracts analysed primary dealers are required to fulfil the crucial role of market makers. They have to offer **two-way (bid and ask) quotes** for a predetermined amount of government securities. The contracts show that market making requirements can be more or less strict. The strictest form is to require dealers to offer “firm”, i.e. binding two-way quotes, i.e. in Canada or the Czech Republic. Some countries, e.g. Finland or Ireland, ask dealers to provide only indicative (non-binding) quotes with no obligations to buy or sell. Particularly in less developed markets, dealers are only requested to offer quotes for small volumes and only for certain, more liquid benchmark issues. Many countries also require primary dealers to cover a minimum threshold of the overall secondary market turnover (e.g. 2% of annual turnover in Belgium, France and Greece). With regard to secondary market quoting, again, the contracts differ quite considerably in their degree of detail. While, some contracts remain rather vague, others, such as Norway, Ireland or Israel, provide very exact details for which amounts, for which type of securities and at which maximum spreads the dealers are required to quote in the wholesale and retail markets.

Almost all countries have rather strict **reporting requirements**, mostly the obligation to regularly provide the government counterparty with detailed information on their trading and secondary market activity and on their financial status. Contracts like in Israel or the Netherlands also mention the obligation to provide specific **support for analysis and research** at the Treasury’s request. France has particularly strict obligations asking the dealer’s to inform the treasury on a daily basis about market developments, on the volume of transactions that they carry out, or even, on the nature of their customers. Additionally, dealer’s are required to share all of their own analyses and research on financial and fixed income markets and to name an expert economist specialised in French issues whose primary geographic location is Paris to be available for frequent meetings with the government agency. Lastly, most contracts require dealers to **actively promote government securities**, or even, such as in the Netherlands, to develop new products related to these.

### 2.4 Privileges of Primary Dealers

As with the obligations, also the description of privileges differs in their degree of precision and detail. In most countries, particularly those with a less mature market, the primary dealer status implies an **exclusive right** to participate at government security auctions. This must be seen as the core privilege since it provides dealers with a special opportunity to make profits by trading and reselling the purchased securities to retail and institutional investors. A further related privilege is the dealer’s right to make **non-competitive bids**, meaning the option to acquire an additional amount of bonds or bills at the average auction price - after the auction is closed (e.g. 10 or 20% of the total auction volume placed). Non-competitive bids are an explicit privilege in Belgium, Canada, Greece, Iceland, Netherlands, Poland, Singapore and Spain, although the maximum amount for such bids varies from only 1% (Singapore) to up to 25% (Slovenia). Some contracts include further exclusive rights, such as the right to participate in **derivative operations**, bond **buy-backs** or special **repo facilities** at the Ministry of Finance or Central Bank. Some contracts explicitly list the right to use the title of “Primary Dealer in Government Securities” or the like in the contract and highlight the dealer’s privilege of having preferred and regular **access to consultative meetings** with the Ministry of Finance, the Debt Management Agency or the Central Bank.

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5 Repurchase agreements (usually called ‘repos’) involve the sale or purchase of securities with the guarantee to reverse the transaction at an agreed date and at an agreed price in the future. Repos provide flexibility in that they allow the dealer to get additional liquidity for a limited period. In Belgium, for example, the repo facility for primary dealers is intended to sustain the dealers market making obligations. “If there is a delivery problem, then the Treasury provides for the missing securities via a repo transaction concluded for one business day renewable for a maximum of 10 business days.”
In Armenia, Thailand or the United States primary dealers in securities markets also acquire an exclusive status to participate in monetary policy (open market) operations. Finally, some governments, e.g. Iceland, India or Sweden, pay a commission for the underwriting commitment or offer tax exemptions on securities trading income.

2.5 Obligations of the Government

A primary dealer system is a voluntary agreement between two sides, the government and the financial intermediary. Accordingly, most contracts include not only the obligations of the dealer but also those of the government party. Nearly all contracts foresee regular invitations by the government for consultative meetings with the dealers (e.g. Belgium every 6 months, in the Czech Rep. at least once a year, France every week and Israel each quarter). The timely announcement of auctions and the publication and adherence to a regular auction calendar is a further key government obligation that is included in many contracts. The contracts in Finland and Poland also oblige the government to specify a list of benchmark securities. Lastly, Hungary requires the government to provide marketing support to primary dealers.

2.6 Supervision, Evaluation and Sanctions

Besides the aforementioned reporting requirements the contracts usually entail some clauses on issues of supervision, evaluation criteria and possible sanction mechanisms. In nearly all contracts, the supervision of the primary dealers is a direct responsibility of the government counterparty itself, i.e. the Ministry of Finance, a Debt Management Agency or the Central Bank. Most contracts establish that any major events affecting the financial status or the management of the PD institution must be immediately communicated to the government counterparty. The Polish contract also asks PDs to report any changes in their credit rating. Given the frequent take-overs in the banking sector, a series of countries also focus on potential changes in the ownership of the primary dealers. Accordingly, Israeli, Hungarian and Lithuanian dealers are required to immediately report any change in the ownership structure that goes beyond 10% of their total shares.

As to evaluation criteria and evaluation procedures, some contracts only contain brief and general statements. Others, instead, include a detailed list of qualitative and quantitative criteria on which basis the dealer’s will be evaluated (e.g. the Czech Republic, France, Greece or Spain). A series of contracts explicitly state when and how the evaluation results will be published, with the internet being by now the most common platform. A review of the government websites responsible for primary dealer supervision shows that a ranking of dealers is today a very usual feature. As an example, the Czech Republic publishes a list of “most distinguished dealers” every quarter on its website, Greece publishes a PD ranking every 6 months and Poland and France on a yearly basis.

The usual sanction mechanism incorporated in the contracts is to temporarily suspend some or all of the PDs rights or to cancel the dealer’s status altogether. Some contracts provide details, e.g. by naming all potential reasons for sanctions. In contrast, other contracts leave the regulatory agency much more discretion. In some cases, such as in Norway, Israel or Denmark, the status can be withdrawn by the government party even without the need for providing reasons for it. Interestingly, some contracts (i.e. Finland or Iceland) state that it is the explicit right of both parties to cancel the contract in case of a violation of rules.

3 Summary of Five Exemplary Contracts

This section summarizes five PD contracts, which we regard as particularly suitable examples. With a view to the pervious section, we evaluated the contracts according to their main contents and characteristics. Additionally, we provide a brief assessment of advantages and disadvantages.
### 3.1 Belgium

<table>
<thead>
<tr>
<th>Structure</th>
<th>The contract has a detailed index and is written in a clear style, which is suitable for a broader audience.</th>
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</thead>
<tbody>
<tr>
<td>Selection criteria</td>
<td>The only selection criterion is an “A” rating from either Fitch Ratings, Moody’s or Standard &amp; Poor’s.</td>
</tr>
<tr>
<td>Privileges</td>
<td>There is a quite detailed description of the privileges of the PD, including non-competitive bidding (very detailed description in the appendix of the contract), buy-back operations and repo facilities as well as participation in the semi-annual meetings organized by the Treasury.</td>
</tr>
<tr>
<td>Obligations</td>
<td>The obligations are described in detail, providing the minimum amount each PD must buy on the primary market (2% of the total amount allocated) and the minimum amount of purchases and sales on the secondary market (2% of the total amount reported by all PDs), as well as the obligation to provide information to the Treasury (business plan, activity report and general information).</td>
</tr>
<tr>
<td>Supervision and evaluation</td>
<td>The supervising institution is the Treasury itself. The evaluation criteria of the PDs are to fulfil their obligations.</td>
</tr>
<tr>
<td>Advantages</td>
<td>The contract is well structured, clearly written and provides most necessary details.</td>
</tr>
<tr>
<td>Disadvantages</td>
<td>There is only one selection criterion and the provisions about quoting requirements are not precise enough. Likewise the sanction mechanisms remain fuzzy and there are no clear evaluation criteria. No glossary.</td>
</tr>
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### 3.2 Czech Republic

<table>
<thead>
<tr>
<th>Structure</th>
<th>The contract has a detailed index and is written in a rather formal, but clear style, suitable for a broader audience.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selection criteria</td>
<td>No selection criteria provided.</td>
</tr>
<tr>
<td>Privileges</td>
<td>There is a detailed description of the privileges, including exclusive right to primary auctions, non-competitive bidding, buy-backs, repos, reverse auctions and operations with derivatives, as well as the privilege of consultations and meetings with the Ministry of Finance.</td>
</tr>
<tr>
<td>Obligations</td>
<td>There is a detailed description of the obligations, including the minimum amount each PD must buy on the primary market (3% of the total volume per year) and minimum amount to be traded on the secondary market (1% of the total amount reported by all PDs). The PDs also must provide information (analysis and research) to the Ministry of Finance.</td>
</tr>
</tbody>
</table>
**Supervision and evaluation**

The are quantitative criteria (trading volumes, government bonds distribution etc.) aimed at fulfilling the obligations on the primary and secondary markets as well as qualitative criteria aimed at consultation and overall cooperation with the Ministry of Finance. The evaluation results are published quarterly.

**Advantages**

The contact is clearly written, very well structured and provides many details in most important sections. There also is a helpful technical appendix.

**Disadvantages**

Selection and application criteria are not provided. The criteria for quoting (spreads and volumes) could be more precise. Additionally, there is no separate section on government obligations.

### 3.3 Greece

**Structure**

The contract has a detailed index and is written in a formal style.

**Selection criteria**

There are very precise selection criteria, such as EU membership, minimum net worth (EUR 375 m), having an organized unit for trading securities and participation in the over-the-counter market.

**Privileges**

There is a detailed description of privileges, such as exclusive rights to the primary auctions (minimum bid amount EUR 5 m), non-competitive bidding (20% of the auction amount per security category), access to syndication and liability management, and availability of financial information.

**Obligations**

There is a detailed description of obligations, including the participation in primary and secondary markets, the exact spreads between bid and offer prices, promotion of government securities and supply of information to the Ministry of Economy and Finance, the Public Debt Management Agency and the Bank of Greece.

**Supervision and evaluation**

There is a very explicit description of the evaluation system; each criterion (such as daily turnover, trading volume, bid-ask spread etc.) is weighted with a certain number of points. Every six months a respective ranking with evaluation results is published.

**Advantages**

High degree of precision and detail. Particular emphasis on the evaluation system, which is very transparent and clear. Quoting requirements and selection criteria are precise too.

**Disadvantages**

No glossary or description of main terms. The obligations of the government are not explicitly outlined.
### 3.4 Israel

<table>
<thead>
<tr>
<th>Structure</th>
<th>The contract has a (very) detailed index and is written in a technical/juridical style.</th>
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<tbody>
<tr>
<td>Selection criteria</td>
<td>A small number of selection criteria are provided, including institutional requirements (good reputation, OECD membership) and capital requirements (approx. ILS 500 m (USD 117 m) of capital). Also detailed secondary market obligations are outlined (maximum spreads and minimum volumes for quotation).</td>
</tr>
<tr>
<td>Privileges</td>
<td>The dealer’s privileges include a privileged access to primary auctions (80% of the nominal fixed coupon bonds issued), non-competitive bids (5% of the principal amount auctioned), buy-backs and repos (detailed description provided).</td>
</tr>
<tr>
<td>Obligations</td>
<td>There is a detailed description of bidding obligations in the primary market (either 5% of total yearly issues or ISL 2 bn (USD 0.46 bn) per year, with minimum individual bids of ILS 10 m (USD 2.35 m)) as well as in the secondary market (maximum spreads and minimum volumes for quotation of different types of securities).</td>
</tr>
<tr>
<td>Supervision and evaluation</td>
<td>The supervisory authority is the Ministry of Finance. Both the participation in the primary and secondary market is evaluated. A ranking of PDs (according to trading volumes, size of quoted spreads and trading as well as participation in consultative committees) is published periodically.</td>
</tr>
<tr>
<td>Advantages</td>
<td>The contract provides very detailed and transparent information on privileges, obligations, quoting rules and supervision and non-compliance.</td>
</tr>
<tr>
<td>Disadvantages</td>
<td>The contract is not very well structured and has too many subsections. Also, it includes a lot of details on the auction system, which should be written in a separate document or contract. As a result, it takes too much time to identify the contract’s main features. Another disadvantage is that the obligations of the government are not explicitly mentioned.</td>
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3.5 Poland

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<tr>
<th>Structure</th>
<th>The contract has a detailed index and is written in a formal, very juridical style.</th>
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<tbody>
<tr>
<td>Selection criteria</td>
<td>Applicants need to provide a list of typical selection criteria (credit rating, net capital, solvency ratio, local trading experience etc.). However, the contract does not specify the exact selection criteria, i.e. which minimum rating or which amount of capital is required. A clear provision is that foreign entities need to have a PD status in at least one OECD country in order to have the right for application.</td>
</tr>
<tr>
<td>Privileges</td>
<td>The main privileges are an exclusive right to primary auctions, non-competitive auctions, switching and buy-back auctions (of Treasury bonds and Treasury bills) as well as preferred access to specific transactions with the Ministry of Finance such as repos or hedging transactions.</td>
</tr>
<tr>
<td>Obligations</td>
<td>The obligations include purchasing in primary auctions (minimum 5% of the weighted face value of government securities sold at auctions within a quarter), quoting bid and offer prices for benchmark securities, promoting government bonds as well as providing information in consultations with the Ministry of Finance.</td>
</tr>
<tr>
<td>Supervision and evaluation</td>
<td>There is a quantitative scoring system, based on measures such as the volume traded in the secondary market, but also qualitative criteria are taken into account (consultation and business activity). The evaluation is made quarterly and annually. The ranking of PDs is published on the website of Ministry of Finance.</td>
</tr>
<tr>
<td>Advantages</td>
<td>The contract provides very detailed and transparent information on privileges, obligations, quoting rules and supervisory issues. The evaluation criteria are transparent and based on a precise score. Also, the list of explicit government duties and the glossary are a positive feature.</td>
</tr>
<tr>
<td>Disadvantages</td>
<td>The contract could be more precise on the selection criteria and the exact quoting requirements of primary dealers.</td>
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4 Recommendations for Ukraine

Based on the evaluation of more than 20 contracts, secondary literature sources, and with a view to the above, we put forth the following list of recommendations on the main characteristics of a primary dealer contract in Ukraine:

4.1 General Recommendations:
- The contract should be suitable for a broader public and published on the website of the Ministry of Finance.
- The contract should include a list of abbreviations and a glossary.
- The contract should avoid an overly formal or juridical language. The wording should remain as explicit and to-the-point as possible.
- Similarly, there should not be too many cross-references on existing laws and decrees or similar juridical provisions and it should not include too many financial technicalities. If there is a need to specify any technicalities, these should be outlined in a related appendix.
- As a rule of thumb, the main body of the contract should not exceed 15 pages.
- There should be a clear structure, with a clear index and overview of main contents. Each of the main issues of a PD contract, such as obligations, privileges, evaluation criteria etc. should be dealt with in separate sections. Each of these sections should also be entitled as such and not by paragraphs or simple numerical ordering (good examples are the contracts of Belgium and the Czech Republic).
- The contract should be valid for 1 year.
- Auction rules are crucial, but they should be published in a separate document and not in the PD contract.
- We do not suggest setting a fix number of dealers. The number of dealers should be determined mainly by the market, i.e. by the number of qualified banks, which apply to participate. However, there should be a minimum of at least 6 dealers to assure a competitive environment and prevent collusion.

4.2 Recommendations on the Obligations of PDs:
- PDs should be obliged to participate in each auction and to absorb 3 to 5% of government securities offered in each quarter in Ukraine.
- PDs should also be obliged to provide firm bid and ask quotes for a limited amount of benchmark securities. The exact quoting requirements, i.e. the type and number of securities, the maximum bid-ask spread and the minimum volumes offered should be explicitly named in the contract (possibly in the Annex). The rules should be relaxed for exceptional or particularly turbulent market conditions.
- PDs should be obliged to conduct research and analysis and to communicate their views on market development to the government counterparty in regular meetings.
- PDs should be obliged to comply with strict reporting requirements on their trading activities and on their financial and ownership status.

4.3 Recommendations on the Privileges of PDs:
- PDs should get exclusive access to regular auctions and have the option to participate in non-competitive auctions (e.g. an additional 15-20% of bonds in each auction).
- They should be allowed to carry the title as “Primary Dealers in Ukrainian Government Securities”. They should also have privileged access to meetings with the Ministry of Finance and the NBU.
- To avoid pricing distortions, individual dealers should not be allowed to purchase more than 40% of each auction.

4.4 Recommendations on the Obligations of the Ukrainian Government
- The contract should certainly contain a separate section on the obligations of the government. As an implication, the dealers should be allowed to cancel the contract in case the government does not comply with its contractual obligations.
- First of all, the government should arrange regular meetings with PDs to discuss potential problems, to communicate its issuance plans and to exchange ideas on domestic issuance and market development.
- The government counterparty should also be obliged to select and regularly issue a number of benchmark securities and to publish a respective list once a year on its website.
- The government party should be obliged to present and adhere to a published issuance calendar. With a view to the Polish contract this obligation should include the announcement on the total amount of planned issues and on the expected dates once a year. Each quarter, the government should provide details on the types and characteristics of planned bond issues. Two days before the auction, the exact amounts offered should be made public.
- After an auction is completed, the government party should be obliged to present the detailed results to all dealers on the same day.
- The government should also try to provide marketing support for the dealers (a rule in Hungary).

**4.5 Recommendations on the Selection, Evaluation and Sanctioning of PDs:**

- Generally, the selection and evaluation criteria and potential sanction procedures should be as clear and transparent as possible and explicitly included in the contract.
- The key criteria for selecting primary dealers should be a minimum rating, solvency and liquidity measures as well as a minimum net capital. Concretely, the long-term solvency rating of a dealer should not be lower than Moody’s Investors Service A3, Fitch-IBCA A-, Standard & Poor’s A-, (as in Lithuania).
- Applicants should also have some experience in trading Ukrainian government securities, meaning that they should have acquired at least 1% of offered bonds in the 12 months before their application. Additionally, the contract may include provisions on minimum qualification and experience of the dealer’s employees and management.
- As to foreign banks, they should be allowed to become primary dealers in Ukraine, as this will help to increase liquidity and competition. Yet, foreign banks will have to open a branch in the country and fulfil all required selection criteria.
- For evaluation purposes, the contract should outline a detailed scoring system of quantitative compliance criteria. Good examples in this regard are the contracts of Greece or Poland.
- Evaluation results and a ranking of dealer’s primary and secondary market activity should be published quarterly on a government website.
- The government party should have the right to suspend the dealership in case the dealers do not comply with its obligations.
- However, before a dealer is suspended there should be reminders and a grace period to fulfil the obligation such as in Poland or Israel.
- The dealer should be given a detailed list of reasons for sanctions and the cancellation of the contract.
- Gross misbehaviour and non-compliance with selection criteria, in particular with regard to minimum capital, rating requirements or liquidity measures should lead to an immediate termination of the PD contract.

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**Kyiv/Berlin:** August 2007
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FREE TRANSLATION

KINGDOM OF BELGIUM
FEDERAL PUBLIC SERVICE FINANCE
TREASURY DEPARTMENT
Kunstlaan 30 avenue des Arts
B-1040 BRUSSELS

CODE OF DUTIES
OF THE
PRIMARY DEALERS
IN BELGIAN GOVERNMENT SECURITIES

January 1st, 2007

Note of the translator:
Hereinafter, following abbreviations will be used:
- "PD" for "Primary Dealer"
- "RD" for "Recognized Dealer"
- "OLO" for "Linear Bond"
- "TC" for "Treasury Certificate"
- "CB" for "Competitive Bid"
- "NCS" for "Non-Competitive Subscriptions"
- "NBB" for the National Bank of Belgium
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APPENDIX 1 - THE NON-COMPETITIVE SUBSCRIPTIONS OF INCUMBENT PDS

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APPENDIX 2 – THE NON-COMPETITIVE SUBSCRIPTIONS OF THE NEW PDS

1. Calculation of ordinary NCSs
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FOREWORD
The Minister of Finance appoints a group of « PRIMARY DEALERS IN SECURITIES ISSUED BY THE TREASURY OF THE KINGDOM OF BELGIUM » with a view to enhancing the placing of OLOs, strips and TCs, to ensuring the liquidity of these securities on the secondary market, and to promoting the Belgian Sovereign Debt.
SECTION I

THE PRIVILEGES OF PRIMARY DEALERS

1.1. Exclusive rights

1.1.1. The Primary Dealers have the exclusive right:

- 1° to carry the title of “Primary Dealer in Belgian Government Securities”;
- 2° to submit after the auction non-competitive subscriptions as stipulated in section 1.2 hereafter;
- 3° to be the privileged counter-parties of the Treasury in its debt management operations (see item 1.4.).

1.1.2. The Primary Dealers and the Recognized Dealers have the exclusive right:

- 1° to participate in the auctions of OLOs and TCs;
- 2° to strip and to reconstitute OLOs6;
- 3° to participate in the buyback operations organized by the Treasury;
- 4° to use the repo facility offered by the Treasury for OLO, TC and strips7.

1.2. Non-competitive subscriptions

The PDs have the right to acquire after the auction of OLOs or TCs a certain amount of the corresponding securities at the weighted average price or rate auctioned.

The PDs can submit either ordinary non-competitive subscriptions or special non-competitive subscriptions, following the conditions contained in appendix 1 of the present Code of Duties (or according to the conditions contained in the appendix 2 for the newly appointed Primary Dealers).

1.3. Offers of OLOs and TCs at a fixed price

1.3.1 Special market situation

In the event of an abnormal development in the secondary market of TCs or OLOs caused by an imbalance in the distribution of the securities auctioned, the Treasury may offer to all PDs the possibility to acquire these securities during a special non-competitive tour.

The amount of this special allocation is, for all PDs, expressed as a percentage of their ordinary non-competitive allocation. This percentage is identical for all PDs.

The applied percentage and the price or the rate of the offered securities, are set by the Treasury. These are announced a quarter of an hour before the opening of the ordinary or of the special non-competitive subscriptions (see appendix 1, sections 1 and 2).

1.3.2. Cancellation of an auction

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6 The Treasury has the same right but only in the framework of the Strip Repo facility.
7 The market makers on the inter-dealer broker system designated by the Treasury (See sections 2.3.2 and 2.3.3) other than Primary Dealers and Recognized Dealers have the right to use the repo facility only for the securities for which they have a quoting obligation on the designated inter-dealer broker system.
On the day of the auction until 10 AM the Treasury may cancel an auction if an exceptional and unforeseen event occurs. In order to ensure the good functioning in the market, the Treasury may then accept from the PDs ordinary non-competitive subscriptions at the price or rate, and according to the rules, adapted to the specific case. In the framework of this procedure, the arithmetic average considered in the calculation of the authorized amount of non-competitive subscriptions (see appendix 1) is calculated per maturity by reference to the last 3 auctions.

1.3. Counter-parties of the Treasury
The PDs or designated (group) companies are the privileged counter-parties of the Treasury in its debt management operations.

The Treasury concludes these debt management operations with PDs or designated (group) companies with whom an ISDA contract has been concluded. The counter parties must have at least an “A” rating. This rating is the minimum rating as obtained from either Fitch Ratings, Moody’s or Standard & Poor’s. If the counter-party has no rating or has no rating of at least “A”, derivatives transactions, including FX-transactions, can be concluded if the parent company issues a guarantee, provided that the latter fulfils the aforementioned requirement concerning the minimum rating.

All derivatives transactions, including FX transactions, will be documented under an ISDA Master Agreement.

1.4. Concertation meetings
The Treasury organizes regularly concertation meetings with the PDs. These meetings to which the NBB participates, take place in principle every 6 months.

1.5. Announcement of target issuance ranges
The Treasury announces a target issuance range before each OLO and TC auction. The announced range applies to the total amount auctioned on a competitive basis, all lines combined.

In principle, the range is announced on the last TARGET day of the week preceding the auction.

In normal circumstances, the amount issued will be within the announced range. The Treasury reserves the right to limit the amount of the accepted CBs to 80 % of the amounts offered.

1.7 Buy Back operations
The Treasury starts buying back bonds when their remaining life to maturity is 12 months. Buy back operations can be initiated by the Treasury on other bonds with prior advice to the Primary Dealers.
SECTION II

THE DUTIES OF PRIMARY DEALERS

2.1. Participation in the primary market

The PDs participate regularly to, and take a significant share in, the auctions.

At the end of the period for which the status of PD has been granted, the amount of the CBs accepted from each PD, expressed as a percentage of the total amount allocated by the Treasury on a competitive basis, represents on average:
- at least 2% for TCs on a duration weighted basis;
- at least 2% for OLOs on a duration weighted basis.

The Treasury has the right to publish a league table ranking the PDs according to their market share in the auctions.

2.2. Participation in the secondary market

The PDs contribute significantly to the liquidity of the secondary off-exchange market of the OLOs, of the stripped securities and of the TCs, including repos.

At the end of the period for which the status of PD has been granted, the amount of the purchases and sales reported by the PD to the Market Authority (see section 4.3), expressed as a percentage of the total amount of the purchases and sales reported by all PDs, represents on average:
- at least 2% for TCs;
- at least 2% for OLOs.

The repos and the buy & sell back (or sell & buy back) are excluded from the aforementioned calculation.

The PDs participate actively in the liquidity management transactions of the Treasury.

The PDs become members of the Regulated Off-Exchange Market, governed by the Royal Decree of May 16th, 2003 on the off-exchange market in linear bonds, strips and treasury certificates, by signing the present code of duties. The PDs carry out the major part of their transactions in the Regulated Off-Exchange Market.

2.3. Quotation of firm rates or prices

2.3.1. GENERAL PRINCIPLES

PDs quote firm bid and offer rates or prices to their customers.

PDs also post continuously indicative prices on their screens. They keep their screens up-to-date to ensure that posted prices are at all times in line with the market. They endeavour to post prices which reflect as closely as feasible their actually traded prices.

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For the product concerned:

\[
\text{Percentage} = \frac{\text{Sum of CBs accepted from a PD during the reference period}}{\text{Total CBs accepted from all PDs by the Treasury during the same period}}
\]
A PD who, due to a particular market situation, has an earnest problem in meeting this obligation, promptly informs the Treasury.

2.3.2. TREASURY CERTIFICATES

PDs post yields for, at least, the lines they are committed to quote on the “inter-dealer broker” system designated by the Treasury. The maturity dates of the quoted certificates are indicated on the screen.

In normal market conditions, PDs quote firm rates to their customers following the rules which apply in the inter-dealer broker system mentioned in section 2.7.

2.3.3. LINEAR BONDS

PDs post prices for, at least, the lines they are committed to quote on the “inter-dealer broker” system designated by the Treasury.

In normal market conditions, PDs quote firm prices to their customers following the rules which apply in the inter-dealer broker system mentioned in section 2.7.

2.3.4. STRIPS

PDs assume on a voluntary basis the status of market maker in strips on the inter-dealer broker system designated by the Treasury. The quality of the contribution made by the PDs market makers in strips will be included in the appraisal made by the Treasury of their activity.

2.4. Promotion and placement of Belgian Government securities

PDs place OLOs, strips and TCs with final investors in Belgium and abroad. The Treasury may agree with the PDs on specific promotion or placement objectives.

2.5. Reporting to, and information of the Treasury

2.5.1. “Business plan”.

The PDs submit a business plan within the timing determined by the Treasury. The business plan contains at least the information requested by the Treasury. It is understood that, even though the Treasury does not request a commitment to actually achieve all the elements of the business plan, the Primary Dealer is nevertheless expected to deploy its best efforts to realise the business plan. The business plan will therefore provide a reference point to the Treasury in its evaluation of the quality of the PD’s business strategy.

The performance of the Primary Dealers, the implementation of the business plan and the presentation of the business plan for the year next, will be discussed with the Treasury during a meeting at which each Primary Dealer will be invited separately.

2.5.2. Activity report.

PDs submit regularly to the Treasury a report on their activity. The activity report is structured according to the European harmonized reporting format, following the guidelines
outlined in the website of the relevant Economic and Financial Committee (EFC) sub-Committee.9
The report is transmitted by electronic mail. As a substitute for a certified copy, PDs execute via an authorized signatory a separate document that authorizes particular individual(s) to provide the harmonized report by e-mail sent to the Treasury.10

The PDs also contribute to the general information of the Treasury. They regularly report to the Treasury on the developments in the market.

2.6. Specific obligation in the framework of the auctions

2.6.1 Auctions of OLOs

The PD whose accepted competitive bids total more than 40 % of the amount issued in a line at an auction, informs the Treasury of the amount it has taken for its own account and of the degree of concentration of its underlying customers’ orders (with no name disclosure).

2.6.2. Auctions of TCs

Before the auction

For each participant, the bid amount per rate is limited to 25 % of the indicative issuance amount of each line separately. The indicative issuance amount for each line is announced at the same moment as the target issuance range. This rule is applicable to all TC lines at every auction.

During the auction

Total accepted competitive bids per PD per line at an auction are limited to 40% of the amount issued in the relevant line.

After the auction

In the event of abnormal trading conditions in a specific TC line, the Treasury may require a PD to disclose the size of the position taken for its own account in that TC line. If the size of the position, including repos, exceeds 50% of the TCs outstanding in the relevant maturity, the Treasury may request the PD to reduce the amount of the position. The same rule applies to short positions taken by a PD.

2.7. Participation in an “inter-dealer broker” system for the Belgian Government securities market

The PDs participate, as market maker and shareholder, in the company designated by the Treasury after consulting with the PDs, the objective of which is to ensure the functioning of an “inter-dealer broker” electronic platform for the Belgian Government securities market.

2.8 Participation in the automatic securities lending facility

PDs should participate at least as a lender of securities in the automatic securities lending facility of the National Bank of Belgium (NBB).

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9 http://www.europa.eu.int/comm/economy_finance/efc/efc_reports_en.htm
2.9 Ethical behaviour

PDs hold themselves to the highest standards in financial business practice. In particular, their activity in Belgian Government securities is consistent with the objective of the Treasury to maintain orderly, efficient and liquid markets.
SECTION III

APPRAISAL OF THE ACTIVITY OF THE PRIMARY DEALERS

3.1. Interim appraisal

The Treasury appraises the activity of the PDs every semester according to the quantitative and qualitative criteria contained in Section II of the present Code of Duties.

3.2. Final appraisal

One month before the end of the period for which a PD has been appointed, the Treasury makes a final appraisal of the PDs activity during that period.

3.3. Communication of the appraisal

The appraisals are forwarded to each PD individually.
SECTION IV

ADMINISTRATIVE PROVISIONS

4.1. The appointment of PDs and their status

The status of PD in Belgian Government securities is granted for a period of one year.

A PD may renounce to its status with a one month notice sent by registered letter to the Administrator General of the Treasury. The one month notice period starts on the first day of the calendar month following the reception of the letter.

4.2. Sanctions

The Treasury may sanction a PD failing to meet his obligations.

The possible sanctions are a temporary reduction or suspension of some or all of the PDs rights and/or privileges and the termination of his appointment.

The Treasury may make the sanctions public in the manner, which it deems to be appropriate in the circumstance.

4.3. Reporting of transactions11

The PDs shall report to the Securities Regulation Fund ("Fonds des Rentes - Rentenfonds") all their transactions in OLOs, strips and TCs, on or off the Regulated Off-Exchange Market, following the rules and procedures set by the Securities Regulation Fund. Strict attention will be paid to the integrity and the punctuality of the reporting.

PDs accept, and they co-operate with, any external control appropriate to check the integrity of the data which they are committed to report to the Securities Regulation Fund.

4.4. Interpretation of the Code of Duties

If a provision of the Code of Duties raises a problem of interpretation, the Treasury shall propose to the PDs to resolve it in the framework of a concertation meeting (see section 1.5).

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11 The obligation of reporting to the Securities Regulation Fund is independent of the obligation to report on the activities as set in section 2.5.2.
APPENDIX 1

TO THE CODE OF DUTIES OF THE PRIMARY DEALERS IN BELGIAN GOVERNMENT SECURITIES THE NON-COMPETITIVE SUBSCRIPTIONS OF INCUMBENT PRIMARY DEALERS

GENERAL PRINCIPLES applicable to the Special Non Competitive Subscriptions (special NCSs):
The PDs are entitled to submit special NCSs, when their market share is at least 8% for the relevant instrument (either OLO or TC) on the "inter-dealer broker" electronic platform referred to in section 2.7 of the code of duties ("IDB threshold").

For each PD, the IDB threshold is per reference period calculated, respectively for OLOs and TCs, as follows:

\[
\text{Sum of duration–weighted IDB-transactions done by the relevant PD} = \frac{\text{Total duration–weighted IDB-transactions done by all PDs}}{\text{Reference period}}
\]

Reference period: last four calendar months which expire one calendar month before the month during which the competitive auction takes place.

Primary Dealers loose the right to submit SNCS if they have not achieved the 2% minimum market share requirements set in section 2.2 of the Code of duties for both OLOs and TCs.

The respect of these thresholds is checked over the period, which is identical to the period defined in the paragraph here above for the calculation of the IDB threshold.

The operator of the inter-dealer broker establishes that no trades have been made with the sole intention of artificially increasing a market share.

1. The TCs

The amount of a PD’s authorised subscription is calculated by maturity segment (3, 6, 12 months). It is expressed as a percentage of the average amount of the accepted CBs of this specific PD, in the corresponding maturity segment at the last 4 auctions (including the auction for which the NCS is calculated).

1.1. Ordinary NCSs

* Exercise: from 3 PM to 3:30 PM (CET) on the first TARGET day following the auction date of the TCs.
* Amount: 30%.

1.2. Special NCSs

* Exercise: from 11:00 AM to 11:30 AM (CET) on the second TARGET day following the auction date.
* Amount: 8 %.

2. Fixed rate OLOs

The amount of a PD’s authorised subscription is calculated by residual maturity segment (see section 3 below). It is expressed as a percentage of the average amount of the PDs’ accepted CBs in the corresponding maturity segment at the last 4 auctions (including the auction for which the NCS is calculated).

25
2.1. Ordinary NCSs

* Exercise: from 3 PM to 3:30 PM (CET) on the first TARGET day following the auction date of the OLOs.
* Amount: 30%.

2.2. Special NCSs

* Exercise: from 3 PM to 3:30 PM (CET) on the second TARGET day following the auction date of the OLOs.
* Amount: 8 %.

3. OLO lines auctioned in the same residual maturity segment.

The Treasury may issue in an auction, one or more OLO lines in one or more of the following maturity segments:
* medium: residual maturity below 8 years ;
* long: residual maturity from 8 years to less than 11 years ;
* very long: residual maturity of 11 years and beyond.

If the Treasury auctions more than one line in the same maturity segment, each line auctioned in the same maturity segment is considered as though it were a separate auction for the calculation of the arithmetic average determining the amount of the NCSs.

If the Treasury auctions more than one line in the same maturity segment, the calculation made to determine the amount of a PD’s authorised NCSs in the corresponding maturity segment is adjusted as follows:

(i) For the calculation of the NCSs at the auction in question, the standard calculation procedure (point 2. of this appendix) applies, being understood that each line auctioned in the same maturity segment is considered as though it were a separate auction. Thus, a specific NCS can be made for each line. The amount of each specific NCS is calculated by reference to the amounts of the PDs accepted CBs in the corresponding maturity segment at the last 4 auctions. The latest auction considered is the assumed separate auction made on the previous business day.

(ii) For the calculation of the NCSs authorised at the next auction in the relevant maturity segment, the standard calculation procedure (point 2. of this appendix) applies. As regards the calculation of the amount of the accepted CBs at the previous auction, however, the total amount of the PDs accepted CBs in the relevant maturity segment is divided by the number of lines which were auctioned in that same segment so as to yield only one single average amount of accepted CBs in this segment at the auction in question.

The shift of an OLO line from one maturity segment to another as a result of the shortening of its remaining life over time has no impact on the calculation of NCSs. Thus, the amount of the authorised NCSs in a given maturity segment will remain a function of the accepted CBs in that segment even though the CBs refer to a line which, at a certain point in time, shifted to another segment.
APPENDIX 2

TO THE CODE OF DUTIES OF THE PRIMARY DEALERS IN BELGIAN GOVERNMENT SECURITIES

THE NON-COMPETITIVE SUBSCRIPTIONS OF THE NEW PRIMARY DEALERS

For the new PDs, the following regime applies:

1. **Calculation of the ordinary NCSs**

During the first 3 auctions following the appointment of a new PD, the authorised amount of NCSs is calculated following the same principles as for the other PDs (see Appendix 1).

However, the arithmetic is adjusted as follows:

* **first auction**: accepted CBs of the new PD at this auction divided by 1;
* **second auction**: sum of accepted CBs of the new PD at the first 2 auctions divided by 2;
* **third auction**: sum of the accepted CBs of the new PD at the first 3 auctions divided by 3;
* **from the fourth auction onwards**: same procedure as for the other PDs.

2. **Eligibility to special NCSs**

The minimum participation requirements set in section 2.2 of the code of duties are assumed to have been met until the reference period is long enough to calculate the new PDs market share following the standard procedure.

3. **Calculation of special NCSs**

For the first three calendar months following the appointment of a new PD, the calculation of the “IDB threshold” of the new PD (see appendix 1, General Principle) is the same as for the other PDs.

However, the arithmetic is adjusted as follows:

* **first month**: sum of the transactions carried out by the new PD during the month, divided by the total of the transactions carried out by all PDs during the same period;
* **second month**: sum of the transactions carried out by the new PD during the first two months, divided by the total of the transactions carried out by all PDs during the same period;
* **third month**: sum of the transactions carried out by the new PD during the first three months, divided by the total of the transactions carried out by all PDs during the same period;
* **from the fourth month onwards**: the new PDs are submitted to the same procedure as the other PDs.
AGREEMENT

Each party has executed this agreement in two copies, one of which will be held by the Kingdom and the other by the PD.

THE UNDERLYING AGREEMENT IS SIGNED BETWEEN:

On the one hand, the Belgian State, represented by the Minister of Finance,
Treasury Department
Avenue des Arts, 30
B-1040 Brussels
Belgium

(signed)
The Minister of Finance,

And

on the other hand:

(Legal entity)..................................................................................................................
(Address)......................................................................................................................
(Postal code + City)
(Country)..................................................................................................................

represented by:

(Signature)....................................................... (Signature)......................................................
(Name)....................................................... (Name)......................................................
(Function).................................................. (Function)..................................................
Original Contract 2: CZECH REPUBLIC

Conduct of Cooperation and Performance Evaluation of the Activities of Primary Dealers in the Czech Government Bonds

(Ministry of Finance Instruction No. SD – 1)

Translated from the Ministry of Finance’s Financial Newsletter No. 11-12, Vol. XXXX, 15.12.2006, pp. 383-397, ISSN-0322-9653

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Introduction

In the name of the Czech Republic, the Ministry of Finance issues government bonds – medium-term and long-term government bonds and treasury bills. The development and support for an effective and liquid domestic bond market is integral part of the Ministry of Finance’s debt management policy and stems from the main objective of minimising the economic costs and financial risks of the government financial balance sheet in the long-term perspective. That is why the government debt management policy is propped up by and consistent with operations on the financial market and its further development. Therefore, the Ministry of Finance collaborates with the Czech National Bank and financial market participants in this spirit.

Cooperation with the Primary Dealers in broader sense is developed in accordance with the Financing and Debt Management Strategy, which from the year 2004, the year the Czech Republic joined the European Union, is regularly approved by the Minister of Finance and presented to the general public. The Financing and Debt Management Strategy is prepared in accordance with the Draft Bill on the State Budget for the following year, the Medium-Term Outlook for the State Budget and the Czech Republic’s Convergence programme. Since the year 2004, foreign banks, which have a remote access to the primary auctions of government bonds from abroad, have also become members of the Primary Dealers group.

New and systematic quantitative evaluations of the Primary Dealers’ activities were introduced at the beginning of 2006 based on the Financing and Debt Management Strategy for 2006. Activity means the participation on the primary and secondary markets of domestic and foreign government bonds and eurobonds and the financial operations with the Ministry of Finance in the management of its financial portfolio. For the evaluation of activities undertaken on the secondary market, the Primary Dealers have to send the Ministry of Finance Report "A" within 5 working days from the actual auction and Report "B" within 15 working days from the end of each quarter.

Activities Reports which are sent by the Primary Dealers keep in with reporting structures used by the eurozone countries, have arisen on the basis of harmonisation within the European Union. The reporting format for the eurozone was created as part of Economic and Financial Committee (EFC), Sub-committee on EU Government Bills and Bonds Markets, in collaboration with the European Primary Dealers Association (EPDA).

On its website and Reuters page, the Ministry of Finance regularly makes public the five best institutions in the Primary Dealers’ group of members. Apart from other things, the lead managers and bookrunners of syndicates for public foreign issues are selected exclusively on the basis of these evaluation.

Section I - Primary Dealer’s Rights

1. Only Primary Dealers can be direct participants in auctions of medium and long-term government bonds in accordance with the "Rules for the Primary Sale of Medium-Term and Long-Term Government Bonds Organised by the Czech National Bank". A Primary Dealer may concurrently be a direct participant in the primary auctions of treasury bills.
2. A Primary Dealer has the right to make bids in the competitive part of medium and long-term government bonds auctions, i.e. it has an exclusive access to the competitive part of auctions.

3. When the competitive part of a medium and long-term government bonds auction finishes, a Primary Dealer has the right to buy a certain amount of bonds, determined on the basis of purchases in the previous three auctions, for the average price achieved at the auction. A Primary Dealer has exclusive access to the non-competitive part of medium and long-term government bond auctions.

4. A Primary Dealer has exclusive access to reverse auctions in the buy-backs and exchanges of government bonds.

5. A Primary Dealer has the right to participate in the purchases and exchanges of government bonds, which the Ministry of Finance implements in a form other than reverse auctions through the Debt and Financial Assets Management Department.

6. A Primary Dealer has exclusive access to repo operations, lending facilities or other operations with medium and long-term government bonds on the secondary market, which the Ministry of Finance undertakes through the Debt and Financial Assets Management Department.

7. Primary Dealers are the preferred counterparty to the Ministry of Finance in operations with financial derivatives that are undertaken in its debt management through the Debt and Financial Assets Management Department, on the condition that they have signed an ISDA Master Agreement with the Ministry of Finance, including the Schedule in accordance with the Czech Republic Government Resolution No. 1188, dated 25.11.2002.

8. The lead managers and bookrunners of the public issues of government bonds issued abroad are selected only from the group of Primary Dealers and on the basis of the regular quantitative and qualitative evaluation of their performance on the primary and secondary markets of domestic and foreign government bonds.

9. The Ministry of Finance holds consultations with Primary Dealers and the Czech National Bank in the determination of benchmark issues, when market making is carried out. Further consultations take place when necessary and in accordance with the developments on the capital market.

10. The Ministry of Finance arranges meetings with Primary Dealers at least once each year.

**Section II – Primary Dealers Obligations**

1. Primary Dealers are obliged to participate in auctions of government bonds on the primary market. Participation and the requirements for it are regulated by the "Rules for the Primary Sale of Medium-Term and Long-Term Government Bonds Organised by the Czech National Bank".
2. Primary Dealers regularly take part in auctions and buy a significant amount of government bonds. A Primary Dealer in medium and long-term government bonds is obliged to subscribe within the evaluation period for at least 3% of the total nominal volume of these bonds that are offered at auctions. The maximum share of the total bids by a Primary Dealer in the competitive part of auction shall be up to 50% of the total auction amount.

3. Primary Dealers make a significant contribution to the creation and maintenance of liquidity on the domestic secondary government bond market. A Primary Dealer’s share of the total annual turnover of all the Primary Dealers on the secondary market must be at least 1%.

4. Primary Dealers shall fulfill the role of the market maker in the benchmark issues of government bonds, quote firm prices of bid and offer on the market for their customers and place indicative prices on their screens. They are responsible for the fact that the prices stated by them are in line with the market level. They have to ensure that the prices sent out by them are as close as possible to their own trading prices.

5. A Primary Dealer places government bonds and strips of government bonds with the final investors in the Czech Republic and also abroad. The Ministry of Finance can come to an agreement with the Primary Dealer as to the final placement.

6. Primary dealers comply with reporting duties to the Ministry of Finance by presenting an Activities Report on the primary market within 5 working days of the auction taking place, and a quarterly Activities Report on the secondary market within 15 days of the end of the quarter. Repo operations, buy & sell and sell & buy operations are not counted in the Activities Report. Reports must be checked and signed by a member of the Compliance or Settlement Department and sent off with a digital signature.

7. Primary Dealers provide any other information and analyses where necessary and at the request of the Ministry of Finance.

8. Primary Dealers behave in accordance with the strictest standards of financial and business practices. A Primary Dealer’s activities on the Czech Republic’s government bonds market must be consistent with the objectives of the Ministry of Finance all the while paying attention, above all, to the maintenance of a productive and liquid market.

**Section III – Activities Appraisal and Evaluation of Primary Dealers**

The Ministry of Finance continuously appraises the Primary Dealers activities that are anchored in the "Conduct of Cooperation and Performance Evaluation of the Activities of Primary Dealers in the Czech Government Bonds".
It measures their activities according to quantitative criteria, which are aimed at fulfilling their obligations on the primary and secondary markets and in other operations that are agreed upon with the Ministry of Finance.

Qualitative criteria are also taken into consideration, especially co-operation, consultation and compliance with the principles of the standards of financial and business practices and ethical behaviour. This activities evaluation has no influence on the participation of Primary Dealers in government bonds auctions as defined in accordance with the “Rules for the Primary Sale of mid and long-term Bonds organised by the Czech National Bank”.

The evaluation results are published throughout the year for each quarter and also at the end of each year a final Annual Evaluation of the Primary Dealer’s activities is prepared. The results are published on the Ministry of Finance’s website and Reuters page in the form of a list of the five most distinguished Primary Dealers.

Section IV – Criteria for Evaluation

A Domestic Primary Market Participation
A1 Share in the amount of government bonds placed at the primary auctions
A2 Realized share of competitive bids in auctions
A3 Average weighted deviation of bids below the average auction price
A4 Share of realized above-average bids in the total realized auction expenditures
A5 Regularity in competitive bidding (excl. auctions with share below 1.5%)
A6 Share in the amount of Treasury Bills placed at the primary auctions

B Domestic Secondary Market Participation
B1 Government bonds traded volume
B2 Geographical distribution of government bonds (including primary auctions)
B3 Investor type distribution of government bonds (including primary auctions)
B4 Compliance with quoting obligations (spread, quantity, hours daily)

C Eurobonds Secondary Market Participation – New EuroMTS
C1 Monthly average traded volumes (Filler side)
C2 Monthly average traded volumes (Order side)
C3 Price ticks average bid/offfer spread
C4 Average number of hours quoted
C5 Percentage compliance with quoting obligations

D Ministry’s Operations on the secondary market
D1 Money market operations
D2 Buy-backs or exchange programmes
D3 Derivative operations (savings index including capability to deliver products and pricing )
Section V – Administrative Measures

Appointment as a Primary Dealer

An applicant is appointed as a Primary Dealer by the Ministry of Finance on the basis of fulfilling the requirements stated in "Rules for the Primary Sale of Medium-Term and Long-Term Government Bonds Organized by the Czech National Bank".

Penalties

If a Primary Dealer violates the "Rules for the Primary Sale of Medium-Term and Long-Term Government Bonds Organized by the Czech National Bank" or the "Conduct of Cooperation and Performance Evaluation of the Activities of Primary Dealers in the Czech Government Bonds", he is penalised for it and in particular, his participation in the Primary Dealers Group may be discontinued or he may be expelled from the Primary Dealers Group.

Reporting transactions

Reporting transactions are carried out by way of a Report on Primary Market Activities (type „A”) within 5 working days after the auction, or a Report on Secondary Market Activities („type „B”) within 15 working days from the end of the quarter. Examples of these Reports are found in annexes to these instructions.

Annex 1 - Example of an Activities Report by a Primary Dealer on the primary market
Annex 2 - Example of an Activities Report by a Primary Dealers on the secondary market
Annex 3 - Explanations and Notes for the preparation of an Activities Report
Annex 4 - Original EFC counterparty definitions

Ing. Bohdan Hejduk
Deputy Minister of Finance
### Annex 1

**ACTIVITY REPORT - LIST OF INVESTORS**

Kindly send to the Ministry of Finance in 5 business days after auction (CZK billions)

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**Notes:**

1. Primary market transactions including those settled on the secondary market after the auction.
2. Scandinavia: Denmark, Norway, Sweden.
3. New EU: 10 accession countries (excluding Czech Republic).
### Annex 2

**Counterparty Type and Location: Eurozone (CZK billions)**

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<tr>
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<td>Investor Type 1</td>
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<tr>
<td></td>
<td>Sub-Total Investor Type</td>
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</table>

**Note:**
- "-" = PO purchase from counterparty
- "*" = PO sold to counterparty

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<th>Inter Dealer 1</th>
<th>Inter Dealer 2</th>
<th>Sub-Total Inter Dealer</th>
<th>Investor Type 1</th>
<th>Investor Type 2</th>
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**Total:**
- Inter Dealer: 3,000.0
- Investor Type: 0.0
- Sub-Total: 3,000.0
- TOTAL: 3,000.0
### BOND2 COUNTERPARTY TYPE AND LOCATION: Out of the Eurozone (CZK billions)

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</table>

**NOTE:**
- Scandinavian Denmarks, Norway, Sweden
- New EU 10 accession countries

| Total -          | Non-Dealer   | Dealer       |
|                 | 0.0          | 1,000.0      |
|                 | 1,000.0      | 0.0          |

| Total Inter Dealer - | Non-Dealer   | Dealer       |
|                     | 0.0          | 1,000.0      |
|                     | 1,000.0      | 0.0          |

**SCHEDULE Bond 1 + Bond 2**

| Total -          | Non-Dealer   | Dealer       |
|                 | 0.0          | 5,000.0      |
|                 | 5,000.0      | 0.0          |

| Total Inter Dealer - | Non-Dealer   | Dealer       |
|                     | 0.0          | 1,000.0      |
|                     | 1,000.0      | 0.0          |

| Total Inter Dealer - | Non-Dealer   | Dealer       |
|                     | 0.0          | 4,000.0      |
|                     | 4,000.0      | 0.0          |

| Total Inter Dealer - | Non-Dealer   | Dealer       |
|                     | 0.0          | 2,000.0      |
|                     | 2,000.0      | 0.0          |
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**Note:**
- + = PD purchases from counterparty
- - = FD sells to counterparty

<p>| Total + | 0.0 | 0.0 | 0.0 | 0.0 | 3,000.0 | 0.0 | 0.0 | 3,000.0 |
| Total - | 0.0 | 0.0 | 0.0 | 0.0 | 1,000.0 | 0.0 | 0.0 | 1,000.0 |
| Total Turnover |
| + 0.0 | 0.0 | 0.0 | 0.0 | 4,000.0 | 0.0 | 0.0 | 4,000.0 |
| Total Net Sales |
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NOTE:

Scandinavia: Denmark, Norway, Sweden
New EU: 10 accession countries

| Total +    | 0.0 | 0.0 | 0.0 | 0.0 | 3,000.0 | 0.0 | 0.0 | 0.0 | 3,000.0 |
| Total      | 0.0 | 0.0 | 0.0 | 0.0 | 1,000.0 | 0.0 | 0.0 | 0.0 | 1,000.0 |
| Total turnover | 0.0 | 0.0 | 0.0 | 0.0 | 4,000.0 | 0.0 | 0.0 | 0.0 | 4,000.0 |
| Total Net Sales | 0.0 | 0.0 | 0.0 | 0.0 | 2,000.0 | 0.0 | 0.0 | 0.0 | 2,000.0 |
### Systems: Trading Activity by Trading System

#### Instrument

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* MTs: split per electronic platform of the global MTs turnover reported above
** Total turnover: total electronic + total non electronic
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### Total Turnover

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34
Annex 3
Explanations and Notes for the Preparation of a Primary Dealer’s Activities Report

There are two types of Activities Reports:

- Report after each auction – type „A“ (sent within 5 working days after the auction date)
- Quarterly report on trades undertaken on the secondary market – type „B“ (sent within 15 working days of the end of the relevant annual quarter)

The Report only contains details of direct purchases and sales and not repo-operations, buy and sell operations, loans and borrowings on bonds, paying off bonds at their maturity, or the stripping and reconstructing of bonds. The Trade Calendar Date determines that the transaction belongs into the relevant month or quarter.

Information is shown in CZK to one tenth of a decimal point.

Check Totals are generated automatically.

Control of a primary dealer is carried out by means of the Report being approved by the appropriate compliance or settlement department, which then secures it with a digital signature.

Total Net Sales represents the sum of the total sales and total purchases made by the primary dealer:

- With a certain type of counterparty according to geographical grouping,
- According to the Remaining Life to Maturity and the type of counterparty,
- According to the Remaining Life to Maturity and the geographical grouping.

Remaining Life to Maturity is counted from the date that the trading of the bond actually took place (Trade Value Date).

Geographical Distribution – Czech Republic, individual member countries of the Eurozone, Great Britain, Switzerland, Scandinavia non € (Denmark, Norway, Sweden), new EU countries (apart from the CR), USA, Canada, LATAM (South and Central America), Japan, Asia and others.

Explanation of counterparty types:

1 INTER DEALER

1.1 Inter Dealer Broker

Trade undertaken with a specialist trader in which the primary dealer is not cognizant with the end counterparty to the trade.
1.2 Primary Dealer

i) A Primary Dealer who takes direct part in an auction on the Czech Republic’s primary market,

ii) An Assets and Liabilities (of the bank) Management department (ALM), which is a part of the bank – primary dealer,

iii) A subsidiary trading unit of the primary dealer provided that this unit is separated from the section that undertakes the position of Primary Dealer and the presenter of the Activities Report,

iv) companies connected in the same group as the primary dealer as long as they are not directly stated in customer groups (pension fund, insurance company etc.).

Trades undertaken between the internal units ii) to iv), or possibly with others are not included in the Report.

2 CUSTOMER

2.1 Bank Connected Entity

Trades undertaken with bank connected entities in the parent bank group. In particular, this concerns a subsidiary company of the primary dealer or its parent company if it is not possible to include this company into a specific investor category mentioned below.

2.2 State Debt Management Organisation

Trades undertaken on the secondary market directly with the Czech Republic, represented by the Ministry of Finance and carried out through the offices of the Ministry’s Debt and Financial Assets Management Department or with the relevant Debt Management institution of another country. It does not include purchases at auctions and through syndicates on the primary market and buy backs by the issuer.

2.3 Central Bank and other Public Entity

Trades with State sector organisations which operate as Fund Managers, including trades with Government and multinational institutions if they are not classified below in the specifically mentioned investors.

2.4 Pension Fund

Trades with State or private Pension Funds.

2.5 Insurance Company

Trades with life insurance and non-life insurance companies.

2.6 Fund Manager

Trades with Investment Funds, Investment companies and Foundations.
2.7 Hedge Fund
If it can be identified as a Hedge Fund; in the case of uncertainty, the counterparty is stated as a Fund Manager.

2.8 Retail
Trades with private banks and other organisations with a banking licence, whose main activity is the administration of the means of private clients; in the case of uncertainty, the counterparty is stated as a Fund Manager.

2.9 Corporate
Trading, holding and industrial companies and their financial branches.

2.10 Building Society
Trades undertaken with Building Societies

2.11 Bank Customer
Trades undertaken with other banks, which do not belong in the parent bank’s group and if they are not stated under Retail.

2.12 Mortgage Bank
Trades undertaken with Mortgage Banks.

2.13 Other
Other counterparties that do not fit into any of the above mentioned categories.
Annex 4

Original EFC counterparty definitions

INTER DEALER

01+04 Inter Dealer Broker

01 Inter Dealer Broker
Non-sales person assisted trades between the reporting PD and a non-bank regulated financial intermediary, including central counterparty, electronic and voice brokerage on a non-name give up basis.

04 Bank – Inter Dealer
Non-sales person assisted trades between the reporting PD and banks other than those reportable under item 03.

02 +03 Bank Primary Dealer

02 Bank – Own Account
Non-sales person assisted trades between the reporting PD and (i) the ALM department of the bank of which the reporting PD is part of, (ii) a segregated proprietary trading unit of the reporting PD, (iii) companies of the same group of companies as the reporting PD, unless such trades are reportable under items 09 – 14.

12 The distinction between inter-dealer and customer is based on whether the reporting PD involves its internal sales team or not, i.e. trade without sales person = inter-dealer; trade with sales person = customer. The sales team can be involved either by providing the interface between the reporting PD and its counterparty or by earning a sales credit (margin) on the trade.

13 "reporting PD" means the government bond, back books, primary, swap, option and credit trading units of the bank. The reporting PD does not include the ALM department of the bank, or its segregated proprietary trading units, its branches, subsidiaries and affiliated companies.

14 The specificity of an Inter Dealer Broker is that it provides the interface between a buyer and a seller and trades in its own name in order to preserve the anonymity of its clients. If an Inter Dealer Broker intervenes only as an intermediary who arranges the contact between two counterparties, the trade is reportable as concluded directly between the reporting PD with its counterparty.

15 The "ALM department" means the department that manages the balance sheet of the bank, i.e., manages the duration and refinancing risks, and the bank's securities investment portfolio. The reason for reporting the trades done by the reporting PD with its ALM department is that some ALM departments are also trading with banks other than the reporting PD in which case such trades would be reported. The rationale for the reporting of trades done for the bank's own account is that only trades executed by the reporting PD with the market are trades relevant for this counterparty category.

16 A "proprietary trading unit" is segregated if (i) it is not incorporated within the reporting PD's trading units, i.e., government bonds, back books, primary, swap, option, and credit trading units, (ii) does not report into the head of government bond / rates trading, and (iii) has separate reporting lines from the reporting PD. The same rationale as for the reporting of trades with the ALM department applies to trades done with a segregated proprietary trading unit of the reporting PD.

17 A company is considered to belong to the same group of companies if it is a branch, subsidiary, affiliate or parent company of the reporting PD.

18 Other internal trades are not reportable. This includes trades done between the government bond, back books, primary, swap, option and credit trading units of the reporting PD. The reporting PD also does not report trades done by the ALM department of the bank, or its segregated proprietary trading units, its branches, subsidiaries and affiliated companies of the reporting PD with a counterparty other than the reporting PD. The objective in this case is to avoid double counting if the counterpart is another reporting PD. In the case of a "back to back transaction" done between a PD and a company of the same group of companies as the reporting PD (= transaction meant to match a transaction done by i.e. a branch or subsidiary with a customer), the counterparty type and country corresponding to the ultimate buyer or seller of the
03 Bank – Primary Dealer
Non-sales person assisted trades between reporting PDs (including recognised dealers, if applicable) as appointed by the debt management office of the relevant country\(^{20}\) and identified on the EFC website\(^{21}\).

CUSTOMER

04 Bank – Connected Entity
Sales person assisted trades between the reporting PD and (i) the ALM department of the bank of which the reporting PD is part of, (ii) a segregated proprietary trading unit of the reporting PD, (iii) companies of the same group of companies as the reporting PD, unless such trades are reportable under items 09 – 14\(^{22}\).

07 State Debt Management Organization
Sales person assisted trades between the reporting PD and the debt management office of the relevant country on the secondary market. The turnover reported under this caption doesn’t include primary market transactions (auctions, taps, syndications) and buy backs.

08 Central Banks & Other Public Entity
Sales person assisted trades between the reporting PD and all public entities acting as fund managers. Includes trades with sovereigns and supranational institutions unless such trades can be reported under items 9, 10 or 14.

09 Pension Fund
Sales person assisted trades between the reporting PD and private and government pension funds.

10 Insurance Company
Sales person assisted trades between the reporting PD and re-/insurance companies, and integrated insurance/pension fund managers unless clearly identifiable as “pension fund” under item 9.

11 Fund Manager
Sales person assisted trades between the reporting PD and fund managers including investments funds e.g., asset management companies, mutual funds, real estate investment companies, and foundations.

security should be reported whenever identifiable. A back to back transaction is reportable only once. In the event the ultimate buyer or seller is not identifiable, the trade is reportable under item "05 – Bank Connected Entity".

\(^{19}\) The counterparty type "05 - Bank-Connected Entity" applies only when the trades cannot be reported under items 9 to 14. Thus, trades done by the reporting PD with e.g., an affiliated asset management entity are reportable under item "11 - Fund Manager".

\(^{20}\) “relevant country” means the country of the debt management office to which the reporting PD submits its report.

\(^{21}\) The EFC’s website is accessible at: [http://ec.europa.eu/economy_finance/efc_en.htm](http://ec.europa.eu/economy_finance/efc_en.htm)

\(^{22}\) The counterparty type "05 - Bank-Connected Entity" applies only when the trades cannot be reported under items 9 to 14. Thus, trades done by the reporting PD with e.g., an affiliated asset management entity are reportable under item "11 - Fund Manager".
12 Hedge Fund

Sales person assisted trades between the reporting PD and hedge funds where identifiable, otherwise reported under item 11.

13 Retail

Sales person assisted trades between the reporting PD and private client banks\(^{23}\) and private client divisions of reporting PDs and agency brokers or individuals if applicable.

14 Corporate

Sales person assisted trades between the reporting PD and commercial, industrial & holding companies and their financial subsidiaries as part of their investment activities unless reported under item 9, 10, 11 or 12.

06 Bank Customer

e.g.: Sales person assisted trades between the reporting PD and other banks unless the trade is reportable under item 13.

Counterparty Location

The country of legal incorporation determines a counterparty’s location. For entities such as branches that may not necessarily be incorporated as a separate legal entity, the counterparty location is determined by the country of incorporation of the head office.

\(^{23}\) “Private client bank” means any reporting PD’s private banking arm and institutions that hold a banking license and the principal business of which is to manage funds held by private individuals. If either of those requirements is not fulfilled, the counterparty is reportable under item "11 - Fund Manager".
Original Contract 3: GREECE

HELLENIC REPUBLIC Athens, 31 December, 2003
MINISTRY OF ECONOMY & FINANCE No.: 2/73093/0023A
SECRETARIAT GENERAL
OF FISCAL POLICY
GENERAL ACCOUNTING OFFICE
DIRECTORATE GENERAL OF TREASURY
AND BUDGET
PUBLIC DEBT DIVISION
SECTION: A’
Postal address: 37, Panepistimiou Street
101 65 Athens
Telephone No.: +30-210-333 8471
Fax No.: +30-210-323 4967

JOINT DECISION
THE MINISTER AND
OF ECONOMY & FINANCE THE GOVERNOR
OF THE BANK OF GREECE

Subject: Operating Rules of the Primary Dealers System

Having regard to:


2. The provisions of Law 2628/6.7.98 “Establishment of a Legal Entity of Public Liability under the name Public Debt Management Agency (PDMA) and other provisions” (Gazette 151 A/6.7.1998);

3. The decision No. 2021180/2981/0023/31.3.97 of the Minister of Finance "On costs related to concluding, issuing and servicing etc. of public debt” (Gazette 286/B'/10.4.97);


5. The joint decision No.2023976/2848/0023/15.4.98 of the Minister of Finance and the Governor of the Bank of Greece “Setting up of a Committee of Supervision and Control for the first implementation of the Primary Dealers System”, as amended by the joint decisions No. 2/70200/0023/6.10.1999,

6. The joint decision No. 1065956/86 3/A0006/15-07-2003 (Gazette 985/B/16-07-2003) of the Prime Minister and the Minister of Finance “Entrusting responsibilities to the Deputy Ministers of Finance”;


8. The pertinent recommendation, of 31.12.2003, of the Committee of Primary Dealers’ Supervision and Control to the Minister of Economy and Finance and the Governor of the Bank of Greece;

9. The fact that the provisions of this decision shall not result in additional expenditure for the Budget.

**We decide**

To approve the following Operating Rules of the Primary Dealers System formulated by the Committee of Primary Dealers’ Supervision and Control (hereinafter “the Committee”):

**A. Operating Rules of Primary Dealers System**

**Article 1**

General

1. As Primary Dealers are appointed institutions authorised as credit institutions or investment firms in a country which is a member of the European Economic Area or authorised as such in another jurisdiction by a regulatory authority which, in the opinion of the Minister of Economy and Finance and the Governor of the Bank of Greece (hereinafter “the Competent Authorities”), imposes an adequate supervisory/investor protection regime. Primary Dealers are selected in order to provide specialised services in the government securities market, i.e., to participate in the syndications and auctions of Greek government securities in the primary market as well as to trade such securities in the organised Electronic Secondary Securities Market (hereinafter “HDAT”) at prices that they are obliged to announce.

2. The Primary Dealer status is granted for a calendar year, renewable.

**Article 2**

Selection Criteria

The selection of Primary Dealers takes place once a year based on the following criteria:

1. To have a minimum net worth of EUR 375 million. For Greek branches of foreign credit institutions, as “net worth” is considered the net worth of their parent in the home country. Subject to the regulations in force on professional confidentiality, the candidates’ general capital adequacy shall also be assessed.
2. To have an organised unit (Dealing Room and Back Office) in order to trade efficiently in the securities market and to abide by the obligations of Primary Dealers, in accordance with Article 4 hereof.

3. For the selection of Primary Dealers, the participation in HDAT and EuroMTS shall be taken into account in order of precedence and cumulatively as quantitative criteria. Additionally, the participation in the over-the-counter market, the activity in the respective European markets and the proposals regarding business plans concerning the year to which the selection refers shall be taken into account as qualitative criteria.

Article 3

Change of Selection Criteria

1. Within 20 calendar days before expiry of each calendar year, the Committee shall submit a written recommendation to the Competent Authorities to issue a joint decision amending, if necessary, the selection criteria and shall propose the number and the names of the institutions under Article 1.1 to be granted Primary Dealer status in the following year. For this purpose, the Committee shall evaluate and rank candidates according to their performance in the securities market during the preceding calendar year, on the basis of the applicable selection criteria under Article 2. Such evaluation and ranking shall be attached to the recommendation referred to above.

2. If during any yearly term the total number of Primary Dealers is less than fifteen (15), either due to limited candidacies at the beginning of such term, or due to a Primary Dealers’ discharge or resignation pursuant to Articles 6 and 7 respectively, the Committee may consider the applications of other institutions under Article 1.1, in accordance with the selection criteria set during the current year.

Article 4

Primary Dealer Obligations

Primary Dealers are required:

1. To participate actively in the auctions with competitive bids pursuant to Article 17.1.

2. To quote in HDAT, continuously during its trading hours (as defined by the Committee of HDAT Supervision and Control), binding bid and offer prices for securities of minimum nominal value of EUR 5 million per transaction. If prices refer to securities that are traded in other electronic markets as well as in HDAT, such prices must be identical in all markets. Quotes must be displayed in HDAT for the compulsory securities periodically determined by the Committee and proposed to the Competent Authorities.

3. The spread between bid and offer prices for the specified quantity of securities (10 lots, where 1 lot = EUR 500,000) can not exceed 0.07 per cent (7 price basis points) for fixed-rate bonds with remaining maturing within 5 years as well as Treasury bills, 0.10 per cent (10 price basis points) for fixed-rate bonds with remaining maturing between 5 and 11 years as well as...
floating-rate bonds regardless of maturity, and 0.15 per cent for fixed-rate bonds with remaining maturing above 11 years. The Committee may periodically revise such spreads. Exceptionally, such spreads shall not be compulsory during periods that normal market conditions (as such term is generally accepted) have ceased to apply. In such case, the Committee convenes immediately in order to set new spreads.

4. a. Concerning HDAT participation, Primary Dealers must observe the following limits:

<table>
<thead>
<tr>
<th>Limit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Minimum number of quotes per day:</td>
<td>Equal to the number of the compulsory securities assigned to each Primary Dealer</td>
</tr>
<tr>
<td>- Maximum time of abstention per day:</td>
<td>One hundred and twenty minutes</td>
</tr>
<tr>
<td>- Minimum turn-over in HDAT and EuroMTS:</td>
<td>2% of HDAT and EuroMTS total annual turn-over (duration weighted)</td>
</tr>
<tr>
<td>- Minimum amount of accepted bids in primary bond auctions:</td>
<td>2% per year (duration weighted)</td>
</tr>
<tr>
<td>- Geographical distribution of securities with respect to the activity in the Primary and the Secondary market (by country and by final user, see Attachment)</td>
<td>Quarterly report by the Primary Dealers (PDs) to be submitted within 10 days after the end of the evaluation period under consideration. The report has to be signed by the Compliance Office or the Back Office. The report will include all transactions (buy and sell side) of all Greek government bonds concluded by the PDs in all countries.</td>
</tr>
</tbody>
</table>

4.b. Primary Dealers Evaluation

Primary Dealers evaluation is carried out according to the following criteria:

i. Trading volume (duration weighted) in the Primary market 25 points
ii. Deviation from the weighted average auction price 5 points
iii. Deviation from the average HDAT market price 5 points
iv. Number of quotes displayed 10 points
v. Abstention time 10 points
vi. Bid-ask spread 15 points
vii. Average daily turnover (HDAT) 15 points
viii. Cumulative turnover (HDAT +EuroMTS) 15 points

The evaluation is obtained by summing up all the points accumulated by each PD with respect to the above criteria and the result is used for the ranking of PDs.
More specifically the calculation of the points for each of the criteria is carried out as follows:

i. Trading volume (duration weighted) in the Primary market (25 points)

i.a Calculation: it is based on the successful, competitive and non-competitive bids submitted by each PD at the auctions (only bond auctions) that take place through the HDAT system. For each successful bid the nominal amount is duration weighted.

i.b Restrictions: the calculation takes into account only bond auctions, Treasury-bills auctions are not included.

i.c Scoring: in descending order, the first takes 25 points and all the others take points proportionally to the auction amount subscribed with respect to the amount of the best PD.

ii. Deviation from the weighted average auction price (5 points)

ii.a Calculation: takes into account all the competitive bids, successful and non-successful submitted by the PDs at each auction.

In the case where a PD has submitted only one bid, this will be taken into account.

In the case where a PD has submitted more than one bid, the Weighted Average of those bids (\(x_i\)) is calculated as follows:

\[
x_i = \frac{x_1 \cdot Q_1 + x_2 \cdot Q_2 + \ldots + x_N \cdot Q_N}{Q_1 + Q_2 + \ldots + Q_N}
\]

where: \(x_1, x_2, \ldots, x_N\) are the quoted prices in the auction and \(Q_1, Q_2, \ldots, Q_N\) are the corresponding nominal values.

Then, using the calculated \(x_i\) for each PD, the standard deviation (\(\sigma\)) is computed:

\[
\sigma = \sqrt{\sum (x_i - WAP)^2}
\]

where: WAP is the Weighted Average Price of the auction

and the region \((WAP - \sigma/5)\) to \((WAP + \sigma/5)\) is defined. Only the \(x_i\) that fall in this region are taken into account in the PDs evaluation.

ii.b Restrictions: the calculation refers only to the competitive bids in the bond auctions.
ii.c Scoring: the absolute differences of the $x_i$ from the WAP are calculated ($|x_i - \text{WAP}|$) – (only for the $x_i$ that are in the region defined above). The differences are ranked in ascending order. The first takes 5 points and all the others take points in an inverse proportion to the difference that they have achieved, with respect to the difference of the best PD. All the PDs having the $x_i$ outside the defined region, take 0 points.

In the case where we have more than one auction in the period under consideration, the final score of each PD consists of his performance in all the auctions, and is calculated as follows:

$$\text{scor} = \frac{\text{scor}_1 \times \text{dur}_1 + \text{scor}_2 \times \text{dur}_2 + \ldots + \text{scor}_N \times \text{dur}_N}{\text{dur}_1 + \text{dur}_2 + \ldots + \text{dur}_N}$$

where: $\text{scor}_1, \text{scor}_2, \ldots, \text{scor}_N$ are the scores in each auction and $\text{dur}_1, \text{dur}_2, \ldots, \text{dur}_N$ are the modified durations of each auction, calculated using the weighted average price of each auction.

iii. Deviation from the average HDAT market price (5 points)

iii.a Calculation: For each auction the following standard deviation ($\sigma_H$) is calculated:

$$\sigma_H = \sqrt{\sum (x_i - M_H)^2}$$

where: $M_H$ is the Average of the bid prices displayed in the Secondary Market (HDAT) during the last 10 minutes before the auction (11:50 – 12:00) and the $x_i$ are the same as in the previous criterion (ii.a).

Next, the region ($M_H - \sigma/5$) to ($M_H + \sigma/5$) is defined. Only the $x_i$ that fall in this region are taken into account in the PD evaluation.

iii.b Restrictions: the calculation refers only to the competitive bids in the bond auctions.

iii.c Scoring: the absolute differences of the $x_i$ from the $M_H$ are calculated ($|x_i - M_H|$) – (only for the $x_i$ that are in the region defined above). The differences are ranked in ascending order. The first takes 5 points and all the others take points in an inverse proportion to the difference that they have achieved, with respect to the difference of the best PD. All the PDs having the $x_i$ outside the defined region, take 0 points.

In the case where we have more than one auction in the period under consideration, the final score of each PD consists of his performance in all the auctions, and is calculated as follows:
where: scor₁, scor₂, ..... scorₙ are the scores in each auction
and dur₁, dur₂, .... durₙ are the modified durations of each auction, calculated using the weighted average price of each auction
inverse proportion to their average percentage abstention time with respect to the best PD.

vi. Bid-ask spread (15 points)

vi.a Calculation: the average daily bid-ask spread for each quoted bond and for each PD is calculated. This is used to compute the average daily spread for all the quoted bonds for each PD, \( \text{spread}_{\text{avg,daily}} \), according to the following formula:

\[
\text{spread}_{\text{avg,daily}} = \frac{\text{spread}_1 \cdot \frac{1}{\text{dur}_1} + \text{spread}_2 \cdot \frac{1}{\text{dur}_2} + \ldots + \text{spread}_n \cdot \frac{1}{\text{dur}_n}}{\frac{1}{\text{dur}_1} + \frac{1}{\text{dur}_2} + \ldots + \frac{1}{\text{dur}_n}}
\]

where: \( \text{spread}_1, \text{spread}_2, \ldots, \text{spread}_n \) are the daily average bid-ask spreads for each bond and \( \text{dur}_1, \text{dur}_2, \ldots, \text{dur}_n \) are the respective modified durations.

Then, the average of the daily spread \( \text{avg,daily} \) is computed for the period under consideration, \( \text{spread}_{\text{P.D.}} \).

vi.b Restrictions: only FXD are taken into account for this criterion.

vi.c Scoring: in ascending order on the basis of the spread \( \text{P.D.} \). The first takes 15 points and all the others take points in an inverse proportion to their spread \( \text{P.D.} \) with respect to the spread \( \text{P.D.} \) of the best PD.

vii. Average daily turnover (HDAT) (15 points)

vii.a Calculation: takes into account the average daily market share of each PD on the basis of his daily turnover on HDAT, where the turnover is duration weighted.

In details: every trading day, the total daily HDAT turnover is weighted by the duration of the bonds being traded on that specific day (the same applies to each PD’s turnover). Then, for every PD the daily duration-weighted turnover is calculated as a percentage of the total, duration-weighted HDAT turnover. Finally, the average daily turnover of every PD is calculated as an average of those daily percentages for the period under consideration.

vii.b Restrictions: -

vii.c Scoring: in descending order on the basis of the average daily percentage market share of each PD. The first takes 15 points and all the others take points proportionally to their average daily percentage market share with respect to the best PD.
viii. Cumulative turnover (HDAT + EuroMTS) (15 points)

viii.a Calculation: takes into account the percentage market share of each PD on the basis of his turnover on HDAT and on the EuroMTS for the whole period under consideration (from one month and beyond), where the turnover is duration weighted.

viii.b Restrictions: -

viii.c Scoring: in descending order on the basis of the percentage market share of each PD. The first takes 15 points and all the others take points proportionally to their percentage market share with respect to the best PD.

5. To facilitate a broader distribution and trading of Greek government securities domestically as well as internationally.

6. To provide the Ministry of Economy and Finance, the Public Debt Management Agency and the Bank of Greece with information on and assessment of market conditions, and other information pertaining to their status as Primary Dealers.

7. Every six months, the Bank of Greece shall publish in the press the ranking of the Primary Dealers resulting from the implementation of paragraph 4b of this Article and referring to the period elapsed from the beginning of the calendar year.

Article 5

Primary Dealer Rewards

1. Primary Dealers are granted:

   a. The exclusive right to submit before the auction one non-competitive bid pursuant to Article 16.1.

   b. The exclusive right to submit after the auction one additional non-competitive bid pursuant to Article 16.2.

   c. The right to participate in the supervising bodies engaging in ensuring the smooth operation of the securities markets, evaluating the degree of market organisation as well as the performance of Primary Dealers.

   d. Privileged access to information pertaining to the borrowing needs of the Hellenic Republic and issuance planning, new financial instruments and relating operating rules, securities in circulation, volume and turn-over as well as auction results.

   e. Exclusive access to short-term securities lending mechanisms that may be created (besides the automatic securities lending provided by the Bank Of Greece securities settlement System, hereinafter “BOGS”) in order to facilitate hedging (short selling).

   f. Privileged access to syndication pursuant to Article 14.
g. Privileged access to liabilities management. The Public Debt Management Agency shall take into account the credit rating of the counterparty with which it shall perform such transactions.

2. The relations of Primary Dealers with the Bank of Greece as well as their activities within the framework of such relations are set by Bank of Greece Governor’s Acts.

**Article 6**

Primary Dealer Discharge

1. If during any term the Committee establishes that a Primary Dealer does not perform its duties or does not any more satisfy the selection criteria (in whole or in part) for any reason, the Committee may once serve such Primary Dealer with a 3-month written notice to comply. Such notice, which shall be communicated to the Competent Authorities, shall explicitly state the specific obligations not fulfilled by the Primary Dealer. In case of non-compliance, not later than 15 days from expiry of the 3-month notice, the Committee shall submit a written report to the Competent Authorities, with a justified recommendation to impose penalties pursuant to Article 12.6, or even to discharge such Primary Dealer. The relevant decision is made by the Competent Authorities.

2. A Primary Dealer’s discharge entails loss of re-appointment right in the two succeeding years.

3. A Primary Dealer’s discharge shall have no effect on its rights and obligations in respect of contracts concluded on HDAT prior to the effective date of discharge.

4. As regards the renewal of the term of the Primary Dealers in the succeeding calendar year, the ranking of Article 4, paragraph 4b shall be taken into account. The financial institutions occupying at least the last four (4) places shall be subject to review for the Primary Dealer status, with the possibility of immediate removal of the Primary Dealers status. In addition, PDs who do not satisfy the minimum requirements under article 4, paragraph 4a shall also be subject to review for the Primary Dealer status.

**Article 7**

Primary Dealer Resignation

1. Primary Dealers may resign subject to a 3-month written notice to the Committee.

2. A Primary Dealer’s resignation entails loss of re-appointment right in the two succeeding years.

3. A Primary Dealer’s resignation shall have no effect on its rights and obligations in respect of contracts concluded on HDAT prior to the effective date of resignation.
B. Electronic Secondary Securities Market (HDAT)

Article 8

General

The principles, the trading rules, the bodies supervising and controlling the HDAT system, the appointment of participants, the method of its linking with the BOGS and any other detail pertaining to its general functions are set by Bank of Greece Governor’s Acts.

C. The Committee of Primary Dealers’ Supervision and Control

Article 9

General

The supervision and control of Primary Dealers is assigned to the Committee whose term is two years.

Article 10

Members

The Committee is set up by joint decision of the Competent Authorities and consists of 10 members representing the following institutions:

1. Two representatives of the Bank of Greece
2. Three representatives of the Ministry of Economy and Finance, one of which from the Public Debt Management Agency
3. Three representatives of the Primary Dealers
4. One representative of the Dealers
5. One representative of the Hellenic Banks Association

The Committee is presided over by one of the two representatives of the Bank of Greece and decides with a majority of at least seven of its members.

Article 11

Organizational Structure

The Committee is assisted by a Secretariat, comprising representatives of the General Accounts Office, the Public Debt Management Agency and the Bank of Greece, which is responsible for:

1. Administrative support
2. Support of the Committee’s projects
3. Processing of statistical data and drafting of reports
Article 12

Responsibilities

The Committee:

1. Evaluates candidate Primary Dealers on the basis of the applicable selection criteria and submits a recommendation pursuant to Article 3.1 to the Competent Authorities who jointly decide on the final selection of the Primary Dealers Group.

2. Evaluates the competence of Primary Dealers as regards their ability to cope with market conditions prevailing from time to time and recommends improving measures.

3. Mediates and recommends conciliatory settlement of disputes arising among Primary Dealers.

4. Determines and periodically recommends objectively the Competent Authorities on Primary Dealers, the maximum spread, the compulsory securities and the respective minimum trade amounts for which Primary Dealers are obliged to quote binding bid and offer prices in HDAT.

5. Sees to the issuance of the daily prices bulletin enabling the interested institutions to evaluate their portfolios in Greek government securities.

6. Ensures discipline and recommends the Governor of the Bank of Greece to impose penalties to Primary Dealers in case of non-compliance with their respective obligations. Exceptionally, in cases of misconduct (collusion, obstruction of free price formation etc. set out in the Code of Conduct for the operation of The Hellenic Money, Foreign Exchange & Securities Markets), discipline shall be ensured by the Ministry of Economy and Finance in co-operation with the Bank of Greece, through any measures that shall be deemed appropriate for re-establishing smooth market operation. Such actions shall be communicated to all the Primary Dealers for information.

7. Sets general rules ensuring transparency of transactions and marketability of Greek government securities.

8. Compiles and processes statistical data required for the evaluation of Primary Dealers’ performance in the Greek government securities market, which is quarterly submitted to the Competent Authorities.

9. Maintains and periodically publishes statistical data on market operation, prices, volumes and other information required for the formation of an objective opinion of the Greek Government securities market.
10. Prepares reports on the introduction of new financial instruments (swaps, options etc) in the secondary market and submits relevant recommendations to the Competent Authorities.

D. Syndications and Auctions

Article 13

General

1. To ensure smooth operation of the Greek government securities market and competitive market conditions, in addition to auctions as the principal method of initial offering and re-opening of all securities in the domestic market, syndications may also be employed for the initial offering and exceptionally re-opening of benchmark bonds according to prevailing market conditions and at the full discretion of the issuer (the Hellenic Republic). The above issuance methods do not apply to private placements, savings bonds, equity capital increase or other issues under special laws etc.

2. Auctions shall be held on fixed dates in accordance with the pertinent tentative issuance calendar of the issuer and on terms previously announced. If the method of syndication is to be employed, this shall promptly be announced within the framework of the above calendar.

3. Competitive auction bids under Articles 15 and 16.1 are submitted not later than 12:00 noon (Greek time) on the auction day and the results must be announced to participants by 12:45 on the same day.

4. Additional non-competitive bids after the auction under Article 16.2 are submitted not later than 12:00 noon (Greek time) on the second business day following the auction day and the results must be announced to participants by 12:45 on the same day.

5. Representatives from the Ministry of Economy and Finance, the Public Debt Management Agency, the Bank of Greece, the Hellenic Banks Association and the Primary Dealers shall meet to review prevailing market conditions and to provide the issuer with the information required for the smooth and successful conduct of auctions as well as for bond issues abroad.

Article 14

Participation in Syndications

1. Participation in syndications is open to Primary Dealers. If Primary Dealers reject participation, which shall be submitted in writing, the issuer has the right to approach credit institutions or investment firms other than Primary Dealers.

2. Additionally, the issuer has the right to approach, besides the Primary Dealers, other international credit institutions or investment firms when
concluding foreign-currency denominated loans or when concluding foreign-currency or euro denominated loans for specific purposes under special laws.

Article 15

Participation in Competitive Auctions

Participation in competitive auctions is exclusively open to Primary Dealers who submit no more than 5 bids each. The minimum bid amount cannot be less than EUR 5 million.

Article 16

Participation in Non-competitive Auctions

1. Non-competitive bids may be submitted only by Primary Dealers. The aggregate amount thus offered by the issuer shall not exceed 20% of the auction amount per security category and shall be allotted pro rata to Primary Dealers’ non-competitive bids at the weighted average price of all the competitive bids accepted.

2. After the announcement of auction results, but not later than 12:00 noon (Greek time) on the second succeeding business day, Primary Dealers may submit one additional bid in order to acquire securities, at the weighted-average price of all the competitive bids accepted. The aggregate amount of this facility shall equal 20% of the auction amount. If the aggregate nominal amount of additional bids exceeds such percentage, allotment is made pro rata to the weighted average of each Primary Dealer’s accepted bids in the three immediately preceding bond auctions. Any undisposed part of this facility shall be allotted equally among interested Primary Dealers.

Article 17

Covering of auction amount

1. All the submitted bids, ranked in descending price order, are either accepted up to the auction amount or the auction is cancelled entirely. The issuer has the right to repeat the cancelled auction.

2. Exceptionally, if prices given for 80% of the auction amount diverge significantly from those given for the remaining 20%, the issuer has the right to accept only 80% of the auction amount.

Article 18

Commissions

In case of payment of commissions, these are determined by decision of the Minister of Economy and Finance.

Article 19

These Rules shall apply as of 1/1/2004 unless otherwise provided in individual Articles hereof. As of such date (1/1/2004) the joint decision No. 2/75515/

THE DEPUTY MINISTER OF ECONOMY & FINANCE
GEORGIOS FLORIDIS

THE GOVERNOR OF THE BANK OF GREECE
NICHOLAS GARGANAS

cc: 1) National Printing Office
    (for publication)
    2) Bank of Greece
       a) Governor’s Office
       b) Government Financial Operations and Accounts Dept

Internal Distribution
D23-A’, B’, C’, D’
LETTER OF APPOINTMENT AS PRIMARY DEALERS IN DOMESTIC GOVERNMENT BONDS

Considering

M.O.F issues IGBs on behalf of the State of Israel.
It is in the best interest of the State of Israel that IGBs be allocated adequately to end-investors, and that market liquidity and transparency in the secondary market be maximized.
With a view to its objectives regarding allocation, transparency and liquidity of IGBs, it is desirable that the State of Israel be assisted by Primary Dealers in the purchase, trading, promotion and support of IGBs.

Agree

<name> has been accorded the status of Primary Dealer in IGBs, effective from 1.3.2006 up to and including 31.12.2007.
All the documents submitted by <name> to acquire the status of Primary Dealer, shall be deemed to form part of this contract.
For the purposes of this contract, <name> mailing address is as follows:

Jerusalem…..2005

Ministry of Finance on behalf of the State of Israel,
By:

1. (Authorized Signatory) _______
2. (Authorized Signatory) _______

[Name of Primary Dealer]

By:

1. (Authorized Signatory) _______
2. (Authorized Signatory) _______
State of Israel Government
Ministry of Finance Debt Management
Accountant General Unit

RULES OF PRIMARY DEALERS IN DOMESTIC GOVERNMENT BONDS

The provisions of these rules establish the Ministry of Finance's formal relationship with Primary Dealers and provide a framework of obligations to which Primary Dealers shall adhere to, in order to ensure a high level of professional discipline.

A) DEFINITIONS

1. In this document, terms shall be understood to have the following meanings:

   • **M.O.F**: The Ministry of Finance in Israel on behalf of the State of Israel represented by the Accountant General.
   • **ILS**: Israeli shekels.
   • **IGBs**: Israel's Government Bonds: public, ILS denominated debt issued by the State of Israel in accordance with general terms and conditions for IGBs and the specific terms and conditions laid down for each issuance.
   • **OECD**: The Organization for Economic Co-operation and Development.
   • **Primary market**: The issuance of IGBs by the M.O.F.
   • **Secondary market**: The trade in IGBs, after issuance by the M.O.F
   • **Primary Dealer**: A financial institution which has been nominated by a letter of appointment.
   • **Liquid Bond**: An IGB with a principal amount outstanding of at least 4 billion ILS.
   • **Israeli Business Day**: A day on which banks are open for general business in Israel.
   • **Repo Agreement**: The TBMA/ISMA Global Master Repurchase Agreement (2000 Version) entered into or to be entered into between M.O.F. and the relevant Primary Dealer incorporating an Annex substantially in the form attached to these General Primary Dealer Conditions (see isma.pdf and isma_annex.doc attached).
   • **Repurchase Transaction**: Each transaction entered into under a Repo Agreement.

2. Any references to time in these General Primary Dealers Conditions shall be read as references to Israeli time.

B) INSTITUTIONAL REQUIREMENTS

3. A Primary Dealer must be a reputable financial institution which is a bank or a stock exchange member in Israel or a similar foreign financial institution that is supervised by the relevant authorities in an OECD member country. The continued designation as a Primary Dealer, following a change in ownership...
structure, including a cumulative change, of 10% or more, is not automatic as such change may have a bearing on the institution's ability to function as a Primary Dealer.

C) CAPITAL REQUIREMENTS

4. Primary Dealers should have at least 500,000,000 ILS (or its equivalent in any other currency) of capital, approved by the M.O.F.
5. Deleted.
6. Deleted.
7. Should a Primary Dealer fail to comply with article 4, the M.O.F should immediately be informed. In such cases the M.O.F may notify the relevant Primary Dealer that the trading relationship with such a Primary Dealer under this contract be discontinued until the minimum capital position is restored or evidence of financial security and standing is provided to the satisfaction of the M.O.F.

D) AUCTIONS

8. It is the intention of the M.O.F. to conduct the primary issuance of IGBs on the Bloomberg Bond Auction system (BAS) or on another international electronic auction system.

9. Tenders are to be submitted electronically using the auction system. Should technical problems arise that prevent one or more Primary Dealers from submitting their bids via the electronic system, the bids will be submitted via other means of communications as will be agreed between the M.O.F and the Primary Dealers. The M.O.F. is not obliged to receive bids outside the electronic system.

10. Auctioning of IGBs will take place based on a schedule of regular auctions, which will be announced to Primary Dealers at the beginning of each month or each quarter, at the discretion of the M.O.F.

11. The M.O.F retains the right, after consultation with the Primary Dealers to amend the procedural conditions pertaining to auctions to ensure orderly, fair and competitive auctions at all times.

12. Primary Dealers are entitled to bid exclusively for 80% of the nominal fixed coupon bonds issued in competitive auctions.

13. Other tradable bonds will be issued in competitive auctions open to all authorized participants, including the Primary Dealers.

14. Invitations to tender will be made via the auction system at least 3 Israeli Business Days prior to the auction and will include the following information:

- IGBs to be issued
- amounts (competitive and non-competitive)
- closing time for bids
- announcement time of the result of the auction
15. The State of Israel auction convention will be used for the auctions (Discriminative/Multi-Price Auction). Under this system, all successful bids will be allotted at the price of the relevant Primary Dealer’s bid in the order of the highest to the lowest bids until the available allotment of the auctioned IGBs is exhausted. The M.O.F reserves the right to change the auction convention after due consultation with the Primary Dealers.

16. Partial allotment will be made in respect of bids (on a prorated basis) that fall within the cut-off range of bids that are accepted, so as to allow the M.O.F to allot the full amount auctioned.

17. Results of auctions will be announced to Primary Dealers via the electronic system within 30 minutes of the close of the competitive auction. The announced results will include the following aggregative information:

- Total principal amount of bids received
- Total number of bids received
- Total number of bids allotted
- Highest price allotted
- Lowest price allotted
- Weighted average price
- Ratio of allotment at cut-off price.

18. The proceeds for each allotted bond shall be deposited on the day following the auction in an account belonging to the M.O.F., at the Bank of Israel, which will be designated to each Primary Dealer. The bonds will be deposited by the M.O.F at the Tel Aviv Clearing House (TACH) on the day following payment.

19. The M.O.F shall regard errors in auctions, including partial payments, severely. In case a partial payment has been made, the M.O.F retains the sole discretion to either partially allocate the bonds or not to allocate the bonds at all. The M.O.F shall publicize a procedure regarding the handling of errors in auctions.

20. Primary Dealers must participate actively in auctions by bidding at market related prices on a competitive basis. However, a Primary Dealer is not obligated to participate in each and every auction and its activity shall be examined on a periodical basis.

21. Each Primary Dealer shall be required to purchase each year any tradable domestic bonds for a total amount which is the smaller of: ILS 2 billion or 5% of fixed-coupon nominal bonds issued during a calendar year period. If a Primary Dealer is appointed during the course of a calendar year, its obligation will be proportionately reduced to the remaining part of the year. The obligation for 2006 is for 10 months i.e. 5/6 of the above figures.

22. Bids in the Primary Dealers auctions are subject to a minimum bid of ILS 10 million, and increments of ILS 1 million.

23. Primary Dealers shall subscribe to or participate in an issue independently of subscription or participation by other Primary Dealers.

24. An additional 15% of the principal amount of IGBs auctioned shall be available to Primary Dealers on a non-competitive basis for a period of 24 hours from the
closing time of the original auction. Noncompetitive bids shall be allocated at the average price of the bonds sold in the competitive auction.

E) SECONDARY MARKET

25. In addition to a Primary Dealer’s responsibility to promote a minimum level of demand in the primary market it will be required to provide liquidity to the secondary market by actively trading on the designated inter dealer system and adhering to its obligations, rules and regulations, specified in the Rules of MTS-Israel (MTS-Israelrules.doc attached).

   A. Trading on the system is anonymous.
   B. Transparency – The five best quotes and the transactions would be publicized to the public in real time.

26. Primary Dealers shall promote IGBs, for example, by organizing presentations for, or meetings with, investors.

27. Primary Dealers shall conduct research on IGBs and the State of Israel's economy. Findings shall be made available to clients and to the M.O.F. Primary Dealers shall provide specific research support at the M.O.F’s request.

28. Primary Dealers shall in due time and in conjunction with the M.O.F actively promote and develop products related to IGBs, such as repos, swaps and futures contracts in which IGBs are deliverable.

29. Primary Dealers shall inform the M.O.F of developments in the financial markets and specific developments affecting IGBs and related products.

30. OTC quotations: OTC platforms will not be regulated by the M.O.F. In order to ensure transparency in the IGB market a Primary Dealer shall report to the Tel Aviv Stock Exchange (TASE) or to whomever the M.O.F shall designate for that purpose, all OTC transactions by the end of the trading day. The quantity and price shall be publicized daily.

31. Trades executed on the Inter Dealer System shall be settled:

   a. On T+1, where T is the trade date.
   b. Through the Tel-Aviv Clearing House (TACH) and/or another clearing house as will be agreed between the M.O.F. and the Primary Dealers.

32. The TACH shall function as a Central Counter Party (CCP) for all trades transacted on the MTS system. Clearing and settlement of OTC transactions is under the responsibility of both sides of the transaction.

33. The trading fees of the designated inter dealer trading system will be specified in the MTS_fees.doc.

34. Nominal fixed coupon bonds shall be listed for trading on the Inter Dealer System if:

   a. They are Liquid Bonds or are currently issued ("On the run").
   b. Their remaining time to maturity is greater than 1 year.
35. The M.O.F after consultation with the Primary Dealers may list for trading on MTS other bonds given that they satisfy the conditions mentioned in article 34. Bonds listed for trading on the MTS shall also be listed for trading in the Tel Aviv Stock Exchange.

36. Initially, quotes are mandatory only for nominal, fixed rate Liquid Bonds whose remaining time to maturity is greater than 1 year.

37. Deleted.

38. Primary Dealers are entitled to exclusive access to the MTS system. MTS shall be open for trading between 09:30 and 18:30 and shall be closed on Sundays. Primary Dealers are under an obligation to quote prices, Mondays through Thursdays for a period of at least 5 hours a day (net) starting no earlier than 09:30 and ending no later than 18:30 (Israel time).

39. Quotation, Trading, and Spread Parameters

<table>
<thead>
<tr>
<th>Maximum time to maturity</th>
<th>Minimum quote size (ml ILS)</th>
<th>Maximum bid/offer Spread liquid IGBs</th>
<th>Minimum Trading Quantity (ml ILS)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 yrs</td>
<td>5</td>
<td>20</td>
<td>1</td>
</tr>
<tr>
<td>5 yrs</td>
<td>5</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>10 yrs</td>
<td>5</td>
<td>60</td>
<td>1</td>
</tr>
<tr>
<td>15 yrs</td>
<td>5</td>
<td>90</td>
<td>1</td>
</tr>
</tbody>
</table>

* If the remaining quote is less than the minimum trading quantity, execution of a transaction is subject to consent of both sides to the transaction.

Spread: Expressed in ticks where 1 tick represents 0.01% of the par value of the IGB

**F) NON COMPETITIVE BIDDING**

40. Following each auction, Primary Dealers are entitled to submit noncompetitive bids (NCBs).

41. Submission of NCBs shall start at the closing of the competitive auction or at another time to be announced by the M.O.F. Submission of NCBs shall end 24 hours later, or at a time to be announced by the M.O.F. NCBs submitted after that period shall not be accepted and shall be cancelled by the M.O.F.

42. NCBs shall be submitted on the electronic auction system or by any other means previously approved and announced by the M.O.F.
43. NCBs shall be accepted by the M.O.F up to maximum amounts per Primary Dealer calculated as follows: the amount allotted to the Primary Dealer in the relevant auction multiplied by 15 percent.
44. NCBs submitted in excess of these amounts shall not be accepted and shall be cancelled.

45. NCBs will be accepted and filled at the weighted average price of the IGB issued at the auction concerned, as announced by the M.O.F following each auction.

46. The M.O.F shall notify Primary Dealers of the acceptance of NCB’s and allotment of bonds within 30 minutes of the end of bidding as detailed in article 41.

G) REPO FACILITY

For the avoidance of doubt, capitalized terms defined in the Repo Agreement and used in this Part G shall have the same meanings in this Agreement, except where the context otherwise requires.

47. Primary Dealers are entitled to participate in Repurchase Transactions that the M.O.F shall perform.

48. The Primary Dealers may, pursuant to and in accordance with the Repo Agreement, enter into one or more Repurchase Transactions with the M.O.F. to purchase Liquid Bonds which are traded on the MTS-Israel system, provided that:

The aggregate market value of Liquid Bonds which is the subject of Repurchase Transactions with any one Primary Dealer shall not exceed 500 million ILS (or such greater amount as may be notified by the M.O.F.); it is the intention of the M.O.F. to gradually increase this amount.

49. The Repurchase Transactions shall not be limited in time (subject to art. 51 below) but the Primary Dealer can designate any date as a Repurchase Date by giving notice at that day to the TACH which will be responsible for operating the Repo facility on behalf of the M.O.F.

50. No Repurchase Transactions shall be entered into in respect of any Liquid Bond with maturity of less than 1.25 years.

51. Any Repurchase Transaction will end at the latest once the underlying IGB’s remaining maturity is 1 year.

52. The Accountant General shall determine the repo rate on a daily basis and will pay the same rate as interest on cash margin. e.g. If the repo rate is set at 25 basis points less than the existing Bank of Israel Rate then the M.O.F would pay interest on cash collateral at a rate equal to 0.25% less than the Bank of Israel Rate (to a Primary Dealer).

53. The entry by the M.O.F and a Primary Dealer into Repurchase Transactions pursuant to Articles G.47, through G.52 shall be subject to such Primary Dealer and the M.O.F having entered into a Repo Agreement and the Repurchase Transactions shall be governed by that Repo Agreement.
54. For collateral purposes, all transactions under the Repo Agreement shall be marked to market on a daily basis. Only cash collateral shall be accepted.

55. Non-bank Primary Dealers shall supply the M.O.F. with an autonomous bank guarantee for the maximum aggregate amount of Repurchase Transactions which they intend to transact not exceeding the limit specified in Article 48. This guarantee must be approved by the M.O.F.

H) SUPERVISION BY THE M.O.F.

56. The nature of the supervision activity by the M.O.F will be focused on the fulfillment of the commitments that Primary Dealers have pledged to undertake and their adherence to the Code of Conduct annexed hereto.

57. The M.O.F will closely monitor each Primary Dealer’s performance vis-à-vis its commitments to promote a minimum level of demand in the primary market and to provide liquidity in the secondary market as described herein. The M.O.F will take account of the role that a Primary Dealer plays in the market, based on data provided by Primary Dealers, the settlement agent and the inter dealer system.

58. The M.O.F will appraise Primary Dealer performance pursuant to these rules. Primary Dealers are obliged to provide information to that end at the request of the M.O.F. The M.O.F shall treat information provided by Primary Dealers which is not in the public domain confidentially. The M.O.F shall be entitled to publish or make public information at the level of aggregated statistics.

59. Primary Dealers shall treat all information of whatever nature provided by the M.O.F under or in connection with these rules (including for the avoidance of doubt and without limitation, any non-public information relating to the M.O.F) confidential and shall hold such information in strict confidence and will not disclose, copy, reproduce or distribute any of such information or make it available to any person without the M.O.F’s specific prior written approval.

60. If any Primary Dealer fails to meet one or more obligations under the Primary Dealer Contract, the M.O.F shall bring that fact to the attention of the Primary Dealer concerned. The M.O.F shall state the period within which the Primary Dealer concerned is requested to comply in full with the obligations. If, at the M.O.F’s discretion, the required improvement is not realized within that period, the M.O.F shall summon and hear the Primary Dealer’s explanations, after which the M.O.F has the right to suspend privileges for the Primary Dealer concerned. The M.O.F shall inform the Primary Dealer concerned without delay.

61. It is expected that Primary Dealers will provide the M.O.F with relevant information on essential capital market developments, both in the form of written inputs and through periodic meetings with the M.O.F.

62. The M.O.F. authorizes MTS-Israel, to provide it with market information, both delayed and in real time.

63. The confidentiality undertakings by the M.O.F. and each Primary Dealer in respect of information provided by the other party shall not apply to information which:
   • is in the public domain;
   • is already in lawful possession of the recipient (as evidenced by
written records);
• is required to be disclosed by law, regulation or any governmental or competent regulatory authority (including without limitation, any securities exchange), as long as, and to the extent reasonably practicable, the recipient shall consult with the other party before such disclosure on the proposed form, timing, nature and purpose of such disclosure.

I) APPOINTMENT, DISMISSAL AND RESIGNATION OF A PRIMARY DEALER

64. Any appointment of a Primary Dealer pursuant to this contract may be terminated in writing by the Accountant General of the State of Israel.

65. Deleted.

66. Should a Primary Dealer wish to cancel its appointment, it is required that such a dealer inform the M.O.F in writing of its intention to discontinue its membership and of the date on which it desires its appointment to be terminated, (such date to be no less than 90 Days following the date of the such written notification).

67. A Primary Dealer convicted of a felony under Israeli law (or the equivalent in such Primary Dealer's jurisdiction of incorporation or of any jurisdiction in which it operates) or pleading guilty to a felony under Israeli law (or the equivalent in such Primary Dealer's jurisdiction of incorporation or of any jurisdiction in which it operates) in relation to activities relating directly or indirectly to its relationship with the M.O.F, will jeopardize its position as a Primary Dealer. Depending on the nature of the transgression, a Primary Dealer may be suspended either permanently, or for a period of time which in the discretion of the M.O.F is befitting to the nature of the transgression.

68. In the event of the M.O.F wishing to terminate a Primary Dealer's appointment, the M.O.F will inform it in writing of the intention to cancel its appointment and the date upon which such termination shall become effective.

69. Failure to honor its undertakings, to over time promote a minimum level of demand in the primary market and to make a meaningful contribution to the provision of liquidity to the secondary market will ultimately, at the sole discretion of the M.O.F., result in the termination of the Primary Dealer's relationship with the M.O.F.

J) PERIODIC MEETINGS

70. Primary Dealers are entitled to advise the M.O.F and to participate in meetings, whether in person or by telephone, between the M.O.F and Primary Dealers to discuss developments in the primary and secondary markets.

71. Attendance at quarterly meetings between Primary Dealers and the M.O.F is mandatory.

K) ADDITIONAL ITEMS

72. Primary Dealers have the right to use the title of "Primary Dealer in Government Bonds for the State of Israel".
73. The M.O.F will have the right to publish periodically a comparative rating of Primary Dealers' activity and participation in the primary and secondary markets. The M.O.F will consider, inter alia:

- Purchases of bonds in the primary market (auctions).
- Size of quotes, spreads and trading on the MTS-Israel system.
- Size of quotes, spreads and trading on the TASE, (if relevant), both in IGBs and IGB futures.
- Participation and contribution in the Primary Dealer forums and committees.

74. Privileges do not apply to, and cannot be extended to, third parties.

75. Primary Dealers shall be entitled to participate in buy-backs and switch auctions that the M.O.F might conduct.

L) Governing law

76. The Primary Dealer Contract is governed by Israeli law. Disputes may be brought exclusively before a competent State of Israel court, in Jerusalem or Tel-Aviv. The contract between Primary Dealers and MTS is governed by English law.

77. Each Primary Dealer agrees to comply with all relevant laws, rules and regulations applicable to it in the context of its appointment as a Primary Dealer under these rules.
Appendix: CODE OF CONDUCT

INTRODUCTION

Aims

1. The aim of this Code is to describe acceptable conduct amongst Primary Dealers. It does not purport to establish acceptable conduct for the rest of the market.

2. Compliance with the Code is necessary to promote public confidence in the integrity of the IGB Market and to encourage liquidity and efficiency throughout these markets.

3. It is recognized that the Code is an evolving document that may change over time subject to consensus between the M.O.F and the Primary Dealers.

Distribution

4. Primary Dealers should offer to make available a copy of the Code to their clients/counter-parties. Clients/Counterparties should be advised that copies of the Code are available from the Primary Dealers or at the M.O.F.’s website.

Compliance, Complaints and Arbitration

5. The M.O.F retains the right to warn, suspend or dismiss a Primary Dealer which has breached this code of conduct.

6. Market related complaints and disputes between Primary Dealers should be resolved through the panel of Primary Dealers. Should this fail, the M.O.F shall be willing, if asked, to arbitrate in disputes between Primary Dealers.

Controls

7. It is essential that management of each Primary Dealer has in place, and reviews regularly, appropriate control procedures that their dealing and other relevant staff must follow.

Know your counter-party

8. It is necessary for a variety of reasons, including firms’ own risk management and meeting legal obligations (i.e. on money laundering), for firms to undertake basic “know your counterparty” checks before dealing in any instruments covered by this Code.

Confidentiality

9. Members shall ensure that dealings in the IGB Market with customers are on a confidential basis. The policies and procedures adopted to ensure confidentiality should restrict access to information only to the personnel that require it; to confine trading to restricted office areas and designated personnel and to encourage the use of secure communications and technology (e.g. careful use of cell or speaker phones, secure access to systems and close supervision).
**Back up systems**

10. Management should ensure that all systems related to primary dealership activities have a proper back up.

11. Management should issue clear guidelines for back up of all data that is relevant to the activity of a Primary Dealer and for all data that may help in resolving a future dispute between the Primary Dealer and other Primary Dealers or clients.

12. Failure to retrieve data will normally count against a firm in a process of arbitration.

**After-hours dealing**

13. Management should issue clear guidelines to their staff, both on the kinds of deals that may be undertaken after-hours, and on the permitted limits of any such dealing. These should be processed promptly on the next working day.

**Conflicts of interest**

14. Management should ensure that, where possible, employees of Primary Dealers adhere to an approved personal account trading policy.

**Repo Facility**

15. The M.O.F. encourages Primary Dealers to sign a TBMA/ISMA or PSA/ISMA Global Master Repurchase Agreement with clients engaging in repurchase transactions.

**Membership in the Clearing House**

16. The M.O.F. encourages Primary Dealers to become members of the Tel Aviv Clearing House which is the CSD and CCP for IGB’s.

**Transactions in the Tel Aviv Stock Exchange**

17. The M.O.F. encourages Primary Dealers to provide liquidity in the Tel Aviv Stock Exchange, both for IGBs and for government bond futures.

**Method of Communication**

18. Communication with the M.O.F shall be either through the designated electronic systems and/or telephone/fax.

The initial contact details of the M.O.F. are:
GOVERNMENT DEBT MANAGEMENT UNIT
ACCOUNTANT GENERAL’S OFFICE
MINISTRY OF FINANCE
Address: Kaplan 1, Jerusalem
Israel
Fax Number: +972 2 5317542
Email: gdmu@mof.gov.il
Rules and Regulations Governing the Activities of the Treasury Securities Dealer as of August 8th, 2006

I. General provisions

§ 1.

These Rules and Regulations determine the principles governing the activities of a Treasury Securities Dealer, and they set in particular:

1) Duties and rights of the Treasury Securities Dealers,
2) Duties and rights of the Minister of Finance,
3) Selection criteria for the Treasury Securities Dealers.

§ 2.

The following terms used in the Rules and Regulations shall mean:

1) **Minister** – the Minister of Finance,
2) **NBP** – the National Bank of Poland,
3) **NDS** – the National Depository for Securities,
4) **MTS-CeTO** – the MTS-CeTO company which operates the MTS Poland market,
5) **TSD** - the entity, with which the Minister concluded the agreement on fulfilling the function of the Treasury Securities Dealer,
6) **Applicant TSD** – the entity which has submitted a TSD application, eligible under the Rules and Regulations and approved by the Minister to participate in the competition,
7) **TS Market Participants Council** – the body consisting of the representatives of TSDs, NBP, NDS and MTS-CeTO. The Council acts as the Minister's advisory panel,
8) **TS** – Treasury Securities offered in the domestic primary market, excluding securities offered in the primary retail market and the DK0809 bond,
9) **MTS Poland** – the form of electronic trading of TS selected by the Minister,
10) **DAI** – the Dealer’s Activity Index,
11) **TS fixing** – activities undertaken to set a fixing and informational rates for bid and offer price quotations in accordance with the TS Fixing Regulations determined by NBP in the agreement with the Minister,
12) **Spread** – the difference between bid and offer prices quoted for a TS by TSD or applicant TSD, calculated in accordance with the MTS Poland rules,
13) **Benchmark issues** – TS’ issues defined by the Minister, in consultation with the TS Market Participants Council, usually the fixed rate bonds with at least one year maturity and total face value not less than PLN 10.0 billion or on-the-run issues with total face value not less than PLN 2.0 billion,
14) **Ordinance** – Ordinance of the Minister of Finance of June 26th, 2006 on the general terms of issuing of Treasury bonds at auctions (Journal of Laws of 2006 No 113 item 772),
15) **Auction** – the auction under § 14 of the Ordinance,
16) **Non-competitive auction** - the auction under §19 of the Ordinance,
17) **Switching auction** – the auction under §28 of the Ordinance,
18) **Buy-back auction** –the auction under §36 of the Ordinance,
19) **T-bill auction** – the auction and the non-competitive auction under §16 and §20 respectively, of the Ordinance of the Minister of Finance of June 26th, 2006 on the general terms of issuing of Treasury Bills (Journal of Laws of 2006 No 113, item 771),
20) **Settling participant** – an institution which settles the TS transaction concluded by a TSD or an Applicant TSD and has a securities account or a Treasury bill account with the NBP or a security or deposit account with the NDS,

21) **FRA (Forward Rate Agreement)** – the type of transaction concluded in order to hedge an interest rate,

22) **IRS (Interest Rate Swap)** – the type of transaction concluded in order to exchange the interest payments in one currency between two parties,

23) **Entity** - a bank, a credit institution or a financial institution and their branches under the Banking Act of August 29th, 1997 (Journal of Law No 72 item 665 with subsequent changes),

24) **Domestic entity** – an entity referred to in § 2.23 which is seated in the Republic of Poland.

25) **Foreign entity** – an entity referred to in § 2.23 which is seated out of Republic of Poland.

II. Duties and rights of the TSDs

§3.

1. TSDs are obliged to participate in the Treasury bond auctions organized by NBP on behalf of the Minister.

2. TSDs are obliged to purchase not less than 5% of the weighted face value of TS sold at auctions, non-competitive auctions, switching auctions and T-bill auctions within a quarter. The weights are set as following: for TS with maturity less than four years – 0.5, for TS with maturity equal or above four years – 1.5. The last working day of the given quarter is regarded as weights-setting-day for periodical assessment.

3. Non-compliance with the condition referred to in §3.1, shall result in a reduction of the periodical assessment score of the TSD, as referred to in §17.1, by 1 to 5 points.

4. Non-compliance with the condition referred to in §3.2, shall result in a reduction of the periodical assessment score referred to in §17.1, by 1 to 10 points. Repeated noncompliance with this condition may result in an immediate termination of the Agreement on fulfilling the function of the TSD.

5. The score reduction rule referred to in point 3 is set out in point 1 of the Appendix No. 1.

6. The score reduction rule referred to in point 4 is set out in point 2 of the Appendix No. 1.

§4.

1. TSDs are obliged to participate in daily TS fixing sessions organized by NBP and carried out on the MTS Poland in accordance with the TS Fixing Regulations.

2. The list of TS subject to fixing is determined by the Minister.

3. The lack of TS quotations during a fixing session shall result in a given TSD’s periodical assessment reduction, as referred to in §17.1, by 1 to 5 points.

4. The score reduction rule referred to in point 3 is set out in point 3 of the Appendix No. 1.

§5.
1. TSD and Applicant TSD are obliged to submit quotations for TS on MTS Poland by presenting the bid and offer prices, in accordance with the rules relevant for MTS Poland, in particular for the benchmark issues. Minimum daily time for quoting of each benchmark issue by given TSD or Applicant TSD is 5 hours.

2. TSD and Applicant TSD are obliged to conclude transactions on the MTS Poland at the price set in accordance with point 1 and with the quoted face value.

3. Nominal value of quotations of the benchmark issues and other TS issues is determined in accordance with the rules relevant for MTS Poland market.

4. Non-compliance with the condition referred to in point 1 shall result in given TSD’s periodical assessment reduction as referred to in §17.1 by 1 to 6 points.

5. The periodical assessment reduction rules referred to in point 5 are set out in point 4 of the Appendix No. 1.

6. Information on quotations and transactions on MTS Poland market may be released through the information and news services determined by the Minister in consultation with the TS Market Participants Council.

§6.

TSDs or Applicant TSD are, in addition, obliged to:

1) Duly fulfill their duties resulting from the participation in the depository-settlement systems,
2) Co-operate with the Minister towards further development of the transparent and efficient TS market,
3) Promote wider participation of the non-banking investors mentioned in §2.23,
4) Promote the TS market and other debt instruments.

§7.

1. TSDs are entitled to:

1) Exclusive submission of bids at the Treasury bond auctions,
2) Purchase of TS, at the non-competitive auctions (only for successful bidders at the auction),
3) Exclusive submission of bids at the switching and buy-back auctions,
4) Exclusive submission of bids at the T-bills auctions and T-bills buy-back auctions,
5) Preferences in concluding individual transactions with the Minister concerning:
   a) repo and buy-sell back transactions,
   b) hedging transactions,
   c) private placement transactions,
   d) securities issues on foreign markets,
   e) other financial transactions defined by the Minister.

2. Extent and scale of the preferences mentioned in point 1.5 depend on type of transaction, size of transactions concluded by the Minister in particular segment of the market and extent of TSD’s engagement in particular segment of the market. The position taken in the last periodical assessment, as referred to in §17.1., might be taken into account within the preferences for TSDs.

3. The key criterion for selection of the counterpart for the transactions mentioned in point 1.5 letter a) concluded on the MTS Poland will be the level of received quotes. In case of equal quotes received from two or more entities, the transaction shall be
concluded with the entity that achieved the higher position in the last periodical assessment, as referred to in §17.

§8.

TSD, during the term of the Agreement on fulfilling the function of the TSD, has exclusive right to use the title of the "Treasury Securities Dealer".

III. Duties and rights of the Minister

§9.

1. The Minister is obliged to draw up a list of benchmark issues and to make a list of TS subject to fixing and to present that information, at least once a year, to the public in the way specified in §19.1.

2. The list of benchmark issues and the list of TS subject to fixing are determined by the Minister, having considered the opinion of the TS Market Participants Council.

3. The Minister is obliged to present an issuance calendar to the public according to following schedule:

   1) once a year - yearly issuance calendar including total amount of issue for Treasury bills and bonds and expected bonds auctions dates,
   2) once a quarter - quarterly issuance calendar including particular types of bonds along with range of expected offer,
   3) two days before the auction day - the exact amount of bond offer at the auction.

§10.

1. The Minister is obliged to:

   1) organize TS auctions using an electronic system,
   2) announce TS auction results not later than:
      a) at 12.00 hrs for an auction,
      b) at 12.30 hrs for a switching auction and buy-back auction,
      c) at 14.15 hrs for a non-competitive auction;
   3) perform annual and periodical assessment of TSDs and Applicant TSDs, in accordance with §17,
   4) organize regular meetings with TSDs in order to:
      a) solve subject-matter, organizational and technical problems connected with organization and functioning of the TS market and TSDs system,
      b) discuss issuing policy, plans for financing state budget borrowing needs and financial market conditions.

2. Duties mentioned in point 1.1-2 do not apply to unpredicted events or technical problems which make impossible to organize an auction by the electronic system or announce TS auction results before terms mentioned in point 1.2.

1. When it is impossible to organize an auction using the electronic system the alternative means of data transmitting shall be used.

2. In case of technical problems or other unpredicted events, the Minister announces deadline for auction results publication and information on delay reason. The information shall be published not later than original deadline for auction results announcement.
3. New deadline for auction results announcement shall be published in the way specified in §19.1.

§11.

The Minister and NBP, pursuant to the powers granted under the Agreement on fulfilling the function of the TSD, has right to perform, in bank’s or clearing institution’s premises, verification of information and data submitted to Minister, NBP and NDS due to fulfilling functions of the TSD. In parallel a TSD authorizes the Minister to undertake other, deemed by the Minister necessary, verification and control actions with regard to the TDS activity connected with its functioning.

§12.

1. In case of default execution of the provisions of the Rules and Regulations the Minister, after prior consideration of TSD clarification, may impose on a TSD a written reminder pointing the reasons behind that move. Unless properly clarified each reminder shall result in TSD periodical assessment reduction, as referred to in §17.1 by 1 to 5 points.

2. In case of gross defaults in TSD functions fulfilling the Minister may dismiss a TSD from its function by means of termination of the Agreement with immediate effect. Information on a dismissal of particular entities from the TSD system shall be pronounced by the Minister in the way specified in §19.1.

3. In case of the termination of the Agreement with immediate effect the Minister may sign the Agreement on fulfilling the function of the TSD with the entity that gained the highest score in the annual assessment during the last competition for a TSD from among the entities that were not granted the status of the TSD. Such an agreement with the entity shall be in force till the end of a given calendar year. Information on signing agreement with new TSD shall be published in the way specified in §19.1.

IV. Principles of selection of Treasury Securities Dealers

§13.

1. The Minister shall arrange a competition for entities that apply for a function of a TSD.

2. Terms for participation in TSD competition for domestic or and foreign entity are:

   1) having the Treasury bill accounts and deposit accounts with NBP and securities accounts and deposit accounts with NDS or pointing the settling participant and consent to provide by that settling participant data on activity of entity applying for TSD on financial markets in extent needed for this entity evaluation in the competition,
   2) submitting a settling participant statement giving consent to provide data on activity of an entity on financial markets and for verification and control these data by the Minister, NBP and NDS in accordance with Appendix No 3.2.,
   3) submitting a statement including the following information:
      a) credit rating,
      b) net capital,
      c) solvency ratio,
      d) trading experiences with Polish Treasury securities, including in particular the data on Polish Treasury securities portfolio and its changes within last 3 years,
e) entity's base of investors with division into: pension funds, investment funds, insurance companies, hedging funds and others investors,

4) participation in MTS Poland or submitting the declaration of joining the MTS Poland in accordance with Appendix No 2.3.

3. Foreign entity that intends to apply for a TSD shall have a similar status in at least one OECD member country.

4. The template of the declaration mentioned in point 2.3 is specified in Appendix No. 2.1.

§14.

1. An entity intending to apply for a TSD should submit to the Minister the written declaration of participation in the TSD competition as well as a statement on fulfilling the conditions mentioned in §13.2 and §13.3 in accordance with the templates provided in the Appendices No. 2.1, 2.2, 2.3, 3.1 and 3.2.

2. The submission of the declaration mentioned above is the basis of assessment initiation of an entity applying for the TSD and means acceptance of obligations specified in §5 and §6 as well as acceptance of terms and conditions specified in §11 and §12.

3. The Minister reserves the right to verify the submitted statements and to reject the declaration in case of not fulfilling the conditions specified in §13.2 and §13.3.

4. In case of not fulfilling the obligations, mentioned in §14.2 and §13.2.4, the Minister may dismiss an entity from the TSD competition.

§15.

1. Each of TSDs or Applicant TSD is the subject to an assessment according to the qualification criteria specified in the Rules and Regulations.

2. The basis of the assessment mentioned in point 1 is the DAI scoring counted as a share of nominal value of TS traded by the TSD or Applicant TSD compared to the total nominal value of TS traded by TSD and Applicants TSD on the particular segments of the market.

<table>
<thead>
<tr>
<th>Market share:</th>
<th>Scoring</th>
</tr>
</thead>
<tbody>
<tr>
<td>from 0.0 up to 1.0% inclusive</td>
<td>0</td>
</tr>
<tr>
<td>above 1.0% up to 2.0% inclusive</td>
<td>1</td>
</tr>
<tr>
<td>above 2.0% up to 3.0% inclusive</td>
<td>2</td>
</tr>
<tr>
<td>above 3.0% up to 4.0% inclusive</td>
<td>3</td>
</tr>
<tr>
<td>above 4.0% up to 5.0% inclusive</td>
<td>4</td>
</tr>
<tr>
<td>above 5.0% up to 6.0% inclusive</td>
<td>5</td>
</tr>
<tr>
<td>above 6.0% up to 7.0% inclusive</td>
<td>6</td>
</tr>
<tr>
<td>above 7.0% up to 8.0% inclusive</td>
<td>7</td>
</tr>
<tr>
<td>above 8.0% up to 9.0% inclusive</td>
<td>9</td>
</tr>
<tr>
<td>above 10%</td>
<td>10</td>
</tr>
</tbody>
</table>

3. Segments of the market and their multipliers are as follows:

<table>
<thead>
<tr>
<th>Segment of the market</th>
<th>Multiplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Transactions on FRA contracts</td>
<td>0.75</td>
</tr>
<tr>
<td>2. Transactions on IRS contracts</td>
<td>0.75</td>
</tr>
<tr>
<td>3. T-bond futures on the WSE</td>
<td>0.25</td>
</tr>
</tbody>
</table>
4. Repo, sell-buy back and buy-sell back transactions on TS\textsuperscript{1} 0.75
5. MTS Poland own price outright transactions on TS\textsuperscript{2} 2.00
6. MTS Poland another entity’s price outright transactions on TS\textsuperscript{2} 1.00
7. OTC inter-bank outright transactions on TS\textsuperscript{*} 1.00
8. OTC outright transactions on TS with nonbanking clients\textsuperscript{*1} 2.00

* - outright transactions
1 - transactions concluded on the MTS Poland market are counted doubly,
2 - excluding transactions concluded on client’s behalf,

4. In the periodical assessment the scoring of the TSD or Applicant TSD represents a sum of points received in each of the market segments referred to in point 3.

5. The scoring of the TSD or Applicant TSD for participation in the given market segment equals the product of basic scoring points for the market share and its respective multiplier with reservation, that the market share in TS traded on market segments referred to in §3 points 5-8 is a weighted share. The weights are set as follows: for TS with maturity less than 3 years – 0.5, for TS with maturity equal to or above 3 years – 1.5. The last working day of the given quarter is regarded as weights-setting-day for periodic assessment.

6. Apart from the DAI, the periodical assessment includes also the assessment of TSD and Applicant TSD (up to 6 points) in respect of cooperation with the Minister, in particular in the following areas:
   a) consultation on financial market functioning,
   b) consultation on issuance policy,
   c) given TSD or Applicant TSD place of business activity.

7. Detailed rules of assessment referred to in point 6 are set out in point 5 of the Appendix No. 1.

§16.

1. The value of TS purchased by a particular TSD, referred to in §3.2, is calculated with regard to the sum of TS purchased by the TSDs. The calculations are made on the basis of NBP and NDS data. Unsettled transactions are not included.

2. The criteria specified in §15.3 point 1 to 2 are calculated on the basis of data provided by TSD or Applicant TSD to the Minister according to the template specified in the Appendix No. 4.1.

3. The criterion specified in §15.3.3 is measured on the basis of data provided by the Warsaw Stock Exchange to the Minister according to template in the Appendix No. 4.2.

4. The criterion specified in §15.3.4 is calculated on the basis of data provided by the:
   1) NDS and NBP with regard to the transactions settled directly through NDS and NBP (according to the Appendix 4.3 a),
   2) Settling participant with regard to the transactions settled by the settling participants (according to the Appendix 4.3 b to c).

5. The criteria specified in §15.3 points 5-6 are calculated on basis of data provided by the MTS-CeTO to the Minister.

6. The criteria specified in §15.3 points 7-8 are calculated on the basis of data provided by:
1) the NDS and the NBP with regard to the transactions settled directly through the NDS and the NBP respectively (according to the Appendix 4.3 a),
2) Settling participant with regard to the transactions settled by the settling participants (according to the Appendix 4.3 b to c),
3) TSD or Applicant TSD being a domestic entity with regard to transactions concluded with non-resident non-banks and foreign banks (according to the Appendix 4.3 d to e)

7. Data referred to in points 2 and 6 are provided by TSD or applicant for TSD to the Minister within 14 days after the end of each month.

8. The criteria specified in §15.3 cover only the settled transactions.

9. The calculation of respective shares is made with accuracy to two decimal places using the following rounding rule:
   a) Downwards – for values lower than 5,
   b) Upwards – for values equal to or higher than 5.

§17.
1. The periodical assessment is made quarterly according to DAI specified in section IV of the Rules and Regulations, and constitutes the sum of points achieved within DAI score, points mentioned in §15.6 and negative points mentioned in §3.3, §3.4, §4.3, §5.4 and §12.1.

2. The annual assessment is calculated as the average of periodical assessments in the period set in the declaration of participation in the competition.

3. The annual assessment score may be lowered pursuant to §3.3, §3.4, §4.3, §5.4 and §12.1, even after the end of the competition but before the announcement of the results.

§18.
1. The Minister shall conclude Agreements on fulfilling the function of the TSD for one year with those Applicants TSD who have achieved the highest scores in the annual assessment.

2. The list of entities, with which the Minister concluded the agreement on fulfilling the function of the TSD, shall be published in the way specified §19.1.

§19.
1. The Minister shall publish the ranking of TSDs in the information networks and in the Ministry of Finance website after completing the periodical or annual assessment and after every change in the list.

2. The Minister shall provide each TSD or Applicant TSD with information that would enable them to estimate their position in the TSD competition; such information shall include in particular the position and the number of points scored in a given quarter of the year during the competition.
V. Transitory and final provisions.

§20.
The Bank Gospodarstwa Krajowego is entitled to participate in the auctions according to the agreement signed with the Minister.

§21.
In case of any changes to the Rules and Regulations the Minister is obliged to inform TSDs and Applicant TSD about them not later than two weeks before they come into effect.

§22.
The Rules and Regulations become effective as of October 1st, 2006.

MINISTER OF FINANCE
Appendix No 1

1. The entity receives negative points, mentioned in §3.3, for an absence at auctions within a quarter as following:
   1) one auction – 1 point,
   2) two auctions – 2 points,
   3) three auctions – 3 points,
   4) four auctions – 4 points,
   5) five and more auctions – 5 points.

2. The entity receives negative points, mentioned in §3.4, when its share of TS purchase in the auctions in a given quarter was as following:
   1) > 4.5% to 5.0% - 1 point,
   2) >4.0% to 4.5% included - 2 points,
   3) >3.5% to 4.0% included- 3 points,
   4) > 3.0% to 3.5% included – 4 points,
   5) > 2.5% to 3.0% included – 5 points,
   6) > 2.0% to 2.5% included – 6 points,
   7) >1.5% to 2.0% included – 7 points,
   8) >1.0% to 1.5% included – 8 points,
   9) > 0.5% to 1.0% included – 9 points,
   10) up to 0.5 % – 10 points.

3. The entity receives negative points, mentioned in §4.3, when its ratio of quotations on the fixing was as following:
   1) > 93% to 95% – 1 point,
   2) > 91% to 93%– 2 points,
   3) >89% to 91%– 3 points,
   4) > 87% to 89% – 4 points,
   5) up to 87% – 5 points.

4. The entity receives negative points, mentioned in §5.4, when it fulfils duty of submitting benchmark issues quotations on the level:
   1) > 90% to 95% – 1 point,
   2) > 80% to 90%– 2 points,
   3) > 70% to 80%– 3 points,
   4) > 60% to 70% – 4 points,
   5) > 50% to 60% – 5 points,
   6) up to 50% – 6 points.

5. Points mentioned in §15.6 are awarded according to the following rules: The entity is awarded with the points for the cooperation with the Minister in the following areas:
   a) consultation on financial market functioning – 2 points,
   b) consultation on issuance policy – 2 points,
   c) given TSD or Applicant TSD place of business activity in Poland – 2 points.
Appendix No 2.1

(Stamp of an entity)

STATEMENT

In accordance with §13.2.3 of the Rules and Regulations, ...(name of an entity) declares that at the end of 2005 ...(name of an entity) had the:
- credit rating - ........
- equity - ........
- solvency ratio -........
We commit ourselves to inform the Minister about all changes in our credit rating.
We also inform that value of Polish Treasury bonds portfolio amounted to:
- at the end of June 2006 - .................PLN million,
- at the end of December 2005 - ............PLN million,
- at the end of December 2004 - ............PLN million.
We also inform that at the end of June 2006, ...(name of an entity) has the following investor base:
- pension funds - .......... PLN million (value of bonds registered on accounts in our entity),
- investments funds - ...... PLN million (value of bonds registered on accounts in our entity),
- insurance companies- .. PLN million (value of bonds registered on accounts in our entity),
- hedging funds - .......... PLN million (value of bonds registered on accounts in our entity),
- other investors - ......... PLN million (value of bonds registered on accounts in our entity).

(Stamps and signatures of persons authorized to represent an entity)
(Date)
Appendix No 2.2

(stamp of an entity)

DECLARATION

We hereby declare the intention of participating in the 2008 TSD competition, which shall take place from October 1, 2006 until 30 September 2007. To this end we commit ourselves to obey rules, mentioned in the Rules and Regulations governing the Activities of the Treasury Securities Dealers and to the provision of the information mentioned in the Rules and Regulations to the Minister by the NBP and NDS.

We also consent to:

1) the provision of data concerning Treasury securities and Treasury bond futures contracts to the Minister by NBP, NDS, MTS CeTO and Warsaw Stock Exchange,
2) the provision of data necessary to assess entity’s credit rating to the Minister by NBP24,
3) an inspection and verification performed by the Minister and NBP and their authorized representatives during the competition period with regard to obeying the Rules and Regulations and reliability of the reports mentioned in the Rules and Regulations.

We authorize the Minister, NBP and their authorised representatives to perform at our premises verification of information and data provided to the Minister in connection with the TSD competition. To this end .....(name of an entity) will make available all information necessary for this verification. In addition .....(name of an entity) authorizes the Minister, NBP and their authorized representatives to undertake other necessary verification and inspection measures concerning entity’s activity related to the TSD competition.

We consent to undergo an assessment of fulfilling the above-mentioned tasks performed by the Minister and its representatives, and to accept the annual assessment mentioned in the Rules and Regulations as the entity’s assessment achieved in the course of the TSD competition.

(stamps and signatures of persons authorized to represent an entity)
(date)

---

24 Refers only to the domestic entities.
Appendix No 2.3

(stamp of an entity)

**STATEMENT**

We hereby declare that (name of an entity) within 3 month from the beginning of 2008 TSD competition will become the participant of MTS Poland market as a market maker.

(stamp and signature of persons authorized to represent an entity)
(date)
Appendix No. 3.1

(Stamp of an entity)

STATEMENT
We hereby inform that transactions of ......(name of an entity) involving Polish Treasury securities are settled by...... (name of a settling participant).

We consent to the provision of data, to the Minister – by the settling participant, concerning (name of an entity) activity on the financial market in order to assess its performance as required by the rules of the TSD competition.

(Stamp and signature of persons authorized to represent an entity)
(Date)
Appendix 3.2

*(stamp of a settling participant)*

**STATEMENT**

We hereby inform that .....*(name of a settling participant)* is the settling participant for TS transactions concluded by.....*(name of an entity)*.

We will provide the data concerning activity of .....*(name of an entity)* on financial market for the purpose of its assessment required for the TSD competition.

We authorize the Minister, NBP and NDS representatives to perform at our premises verification of information and data provided to the Minister in connection with the TSD competition.

*(stamp and signature of persons authorized to represent the settling participant)*
*(date)*
Appendix No 4.1

FRA and IRS trading by .......... (name of TSD or Applicant TSD) during a month........

nominal value, in PN

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of Contract</th>
<th>Bought*</th>
<th>Sold</th>
<th>Total Turnover</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* IRS and FRA bought defined as fixed rate receiver
Note: this table is filled out by TSD or Applicant TSD or NBP (for entities which reports to NBP)

Appendix No 4.2

T-bonds futures trading ................... (name of TSD or Applicant TSD) during a month ...................

<table>
<thead>
<tr>
<th>No</th>
<th>Name of the entity</th>
<th>Code of the WSE member</th>
<th>Volume of trading</th>
<th>Share in total trading (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AAA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>BBB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CCC</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>...</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>N</td>
<td>NNN</td>
<td></td>
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<tr>
<td></td>
<td>TSD total</td>
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<td></td>
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<tr>
<td></td>
<td>Total</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Note: this table is to be filled out by the Warsaw Stock Exchange
### Appendix No 4.3 a

T-bonds/bills trading on the secondary market (excluding MTS Poland) by ................. (*name of TSD or Applicant TSD*) during a month .................

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of transactions</th>
<th>Total turnover (4+5+6)</th>
<th>Transactions with domestic banks</th>
<th>Transactions with non-banking domestic clients</th>
<th>Transactions with non-residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Total turnover on the secondary market (2+3+4+5)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>PL00001 xxxxx</td>
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<td>Total</td>
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<tr>
<td>2</td>
<td>Type transactions</td>
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<td></td>
<td>PL00001 xxxxx</td>
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<td>Total</td>
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<td>3</td>
<td>buy-sell back / sell-buy back transactions</td>
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<td></td>
<td>PL00001 xxxxx</td>
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<tr>
<td></td>
<td>Total</td>
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</tr>
</tbody>
</table>

* transactions, in which the TSD or Applicant TSD is a part of the settlement (transactions settled on own account)

Note this table is to be filled out by NDS for transactions on T-bonds and NBP for transactions on T-bills
Appendix No. 4.3 b

T-bonds trading on the secondary market (excluding MTS Poland) by ................. (name of TSD or Applicant TSD) during a month ..................

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of transactions</th>
<th>Total turnover (4+5+6+7)</th>
<th>Transactions with domestic banks</th>
<th>Transactions with non-banking domestic clients</th>
<th>Transactions with foreign banks</th>
<th>Transactions with non-banking non-residents clients</th>
</tr>
</thead>
<tbody>
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<td>Total turnover on the secondary market (2+3+4+5)</td>
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</table>

* transactions, in which TSD or Applicant TSD is a part of the settlement (transactions settled on own account)

Note: This table is to be filled out by settling participant - on the transactions settled not directly in NDS
### Appendix No. 4.3 c

T-bills trading on the secondary market (excluding MTS Poland) by ................. (name of TSD or Applicant TSD) during a month .................

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of transactions</th>
<th>Total turnover (4+5+6+7)</th>
<th>Transactions with domestic banks</th>
<th>Transactions with non-banking domestic clients</th>
<th>Transactions with foreign banks</th>
<th>Transactions with non-banking non-residents clients</th>
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</table>

*transactions, in which TSD or Applicant TSD is a part of the settlement (transactions settled on own account)*

Note: This table is to be filled out by settling participant - on the transactions settled not directly in NBP
### Appendix No. 4.3 d

T-bonds trading on the secondary market (excluding MTS Poland) by .................. *(name of TSD or Applicant TSD)* during a month ..................

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of transactions</th>
<th>Transactions with foreign banks</th>
<th>Transactions with non-banking non-residents clients</th>
</tr>
</thead>
</table>
| 1   | Total turnover on the secondary market *(2+3+4+5)*  
   | PL00001xxxxx          |                                 |                                                 |
|     |                      |                                 |                                                 |
|     |                      |                                 |                                                 |
|     | Total                |                                 |                                                 |
| 2   | repo transactions    |                                 |                                                 |
|     | PL00001xxxxx         |                                 |                                                 |
|     |                      |                                 |                                                 |
|     |                      |                                 |                                                 |
|     | Total                |                                 |                                                 |
| 3   | buy-sell back/sell-buy back transactions  
   | PL00001xxxxx          |                                 |                                                 |
|     |                      |                                 |                                                 |
|     |                      |                                 |                                                 |
|     | Total                |                                 |                                                 |
| 4   | outright transactions |                                 |                                                 |
|     | PL00001xxxxx         |                                 |                                                 |
|     |                      |                                 |                                                 |
|     |                      |                                 |                                                 |
|     | Total                |                                 |                                                 |
| 5   | other transactions   |                                 |                                                 |
|     | PL00001xxxxx         |                                 |                                                 |
|     |                      |                                 |                                                 |
|     |                      |                                 |                                                 |
|     | Total                |                                 |                                                 |

* transactions, in which TSD or Applicant TSD is a part of the settlement (transactions settled on own account)

**Note:** this table is to be filled out by TSD or Applicant TSD on transactions settled directly in NSD
## Appendix No. 4.3 e

T-bills trading on the secondary market (excluding MTS Poland) by ................. \(\text{(name of TSD or Applicant TSD)}\) during a month .................

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of transactions</th>
<th>Transactions with foreign banks</th>
<th>Transactions with non-banking non-residents clients</th>
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<tbody>
<tr>
<td>1</td>
<td>Total turnover on the secondary market ((2+3+4+5))</td>
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</table>

* transactions, in which TSD or Applicant TSD is a part of the settlement (transactions settled on own account)

Note: this table is to be filled out by TSD or Applicant TSD on transactions settled directly in NBP