

TRADING RULES

FOR A SCHEME OF EURO FUTURES CONTRACTS

Statement of the Securities and Exchange Commission:¹

The Securities and Exchange Commission is not liable for any investment risk involved in the trading in futures contracts described in the "Trading Rules".

Potential investors are advised to take particular note of the risks described in section 6² of the "Trading Rules".

On the basis of Decision No. DNN/027/1052/99 of 16 April 1999, the Securities and Exchange Commission consented to the trading on the regulated market of the euro futures contracts on terms set out in the "Trading Rules" and the agreement concerning clearing of futures transactions of 9 October 1997 executed between the Warsaw Stock Exchange and the Central Securities Depository of Poland (KDPW)³ and the amendment annex dated 5 August 1998 to the agreement concerning clearing of futures transactions executed between the Warsaw Stock Exchange and the Central Securities Depository of Poland.

¹ This body is now known as the Polish Financial Supervision Authority (PFSA).

² Now Section 3.1 of the Trading Rules.

³ Now Co-operation Agreement of 12 April 2013 between GPW, KDPW and KDPW_CCP.

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The standard of euro futures contracts described in these "Trading Rules" is laid down in Resolution No. 8/677/99 of 27 January 1999 of the Exchange Supervisory Board (as amended).

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The Warsaw Stock Exchange is not liable for any investment risk involved in the trading in these futures contracts.

Trading participants are advised that exchange prices for futures contracts may have higher volatility than exchange rates of the underlying currencies. Investors may also incur losses exceeding their initial margins.

Hence, any decision concerning investments on the derivative instruments market should be made based on adequate knowledge of the essence of futures transactions and risks described herein. Such decisions should also account for an investor's financial standing.

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**These Trading Rules have been updated as at
27 September 2019**

Definitions and abbreviations

underlying instrument – the euro exchange rate expressed in zlotys;

contract series – futures contracts representing a standard set by the Exchange, having in particular the same underlying instrument and the same expiry date;

contract class – a class comprises all the futures contract series that have the same underlying instrument and comply with the same standard;

contract size (trading unit) – EUR 1,000;

expiry date – the last trading day; that day's final settlement value shall constitute the basis for computing the final settlement balance;

contract price – the euro exchange rate as adopted by the parties to a futures transaction on the transaction date;

contract value – the product of the contract price and the contract size;

long position – a purchase of a futures contract;

short position – a sale (writing) of a futures contract;

close-out – cessation of the rights and obligations relating to a purchase or sale of a futures contract. Close-out is by sale where the contract has been purchased, and by purchase where it has been sold. The closing contract must be of the same series as the contract being closed;

opposite position – long position is the opposite position to short position for contracts of the same series; short position is the opposite position to long position for contracts of the same series;

clearing account – registration device operated by KDPW_CCP in the transaction clearing system for a participant to clear transactions to which the participant is a counterparty or clearing counterparty and to record positions of the participant;

collateral account – registration device operated by KDPW_CCP in the transaction clearing system to record maintenance margins;

settlement balance – the amount an investor must pay or is entitled to receive as a result of daily marking to the market or the final settlement.

Abbreviations used in the text:

PFSA – the Polish Financial Supervision Authority (Komisja Nadzoru Finansowego);

Exchange – the Warsaw Stock Exchange (Giełda Papierów Wartościowych w Warszawie S.A.);

KDPW – Central Securities Depository of Poland (Krajowy Depozyt Papierów Wartościowych S.A.);

KDPW CCP - KDPW_CCP S.A.;

futures contracts – euro futures contracts;

Trading Rules – these Trading Rules for a Scheme of Euro Futures Contracts;

the Trading Act – the Act on Trading in Financial Instruments of 29 July 2005 (consolidated text: Journal of Laws [*Dziennik Ustaw*] of 2018, item 2286, as amended);

the Public Offer Act – the Act on Public Offering, Conditions Governing the Introduction of Financial Instruments to Organised Trading and Public Companies of 29 July 2005 (consolidated text: Journal of Laws [*Dziennik Ustaw*] of 2018, item 512, as amended);

the Regulation – the Minister of Finance's Regulation of 11 October 2005 on the admission to trading on the regulated market of financial instruments that are not securities (Journal of Laws [*Dziennik Ustaw*] of 2005, No. 205, item 1699);

the Exchange Rules – the Warsaw Stock Exchange Rules as adopted by the Exchange Supervisory Board by Resolution No. 1/1110/2006 of 4 January 2006, as amended (the current text of Exchange Rules is published on the Exchange website: www.gpw.pl);

the Detailed Trading Rules – the Detailed Exchange Trading Rules in UTP System adopted by the Exchange Management Board by Resolution No. 1038/2012 of 17 October 2012, as amended (the current text of the Detailed Trading Rules is published on the Exchange website: www.gpw.pl).

1. Introduction

Futures contracts are a derivatives scheme within the meaning of § 4.2 of the Regulation.

Under § 58 of the Exchange Rules, a futures contract is an agreement executed on the Exchange between the seller of a future right and the buyer of this future right, on terms and conditions determined in the futures contract standard, in which the parties set the value of the underlying instrument, such value to be the agreed price.

Futures contracts are traded on the main market operated by the Warsaw Stock Exchange.

Under article 2.1(2)(c) of the Trading Act, futures contracts governed by these Trading Rules are financial instruments that are not securities.

Marking to the market, i.e., determining the credits and debits of parties having open positions on the derivatives market and computing the settlement balances, is conducted by KDPW_CCP on each day when clearing is performed. Daily settlement values constitute the basis for daily marking to the market. On the last trading day, transactions are settled on the basis of the final settlement value. Settlement values are expressed in Polish zlotys.

Futures contracts are traded in series with delivery dates in the nearest three calendar months and the nearest three months of the March quarterly cycle. The March quarterly cycle comprises March, June, September and December. The series' expiry periods may be shorter than, respectively, 1, 2, 3, 6, 9 or 12 months.

The entity authorised to apply to have the Trading Rules for a Scheme of Euro Futures Contracts approved is the Warsaw Stock Exchange with its seat in Warsaw, ul. Książęca 4, 00-498 Warsaw.

The Exchange sets out the date on which trading in the first contract series of a class shall commence, such date to be disclosed to the public no later than 7 days before trading commences. Trading in the next futures contract series shall commence on the trading day following the expiry date of the previous series. Trading in a futures contract series shall cease on the third Friday of the series' delivery month. For details on determining the first and last trading days for futures contracts, see "Information on the Trading Rules."

The Warsaw Stock Exchange shall not be held liable in respect of investment risk involved in trading in futures contracts. Potential purchasers and issuers of futures contracts are advised to pay particular attention to the risks involved in investing in futures contracts, as described in Chapter 3.1 of the Trading Rules.

These Trading Rules will be in force until the expiry date of the last series of futures contract.

The Trading Rules will be made public on the Exchange website (<http://www.gpw.pl>) no later than 7 days before the first trading day of the first series of futures contracts.

These Trading Rules have been updated as at 27 September 2019.

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2. Persons responsible for the information in the Trading Rules

2.1. Particulars of the entity preparing Chapters 1 to 3 of these Trading Rules

Name	Giełda Papierów Wartościowych w Warszawie Spółka Akcyjna
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E-mail	gpw@gpw.pl
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Authorised representatives of the Exchange:

1. Piotr Borowski – Member of the Management Board
2. Dariusz Kułakowski – Member of the Management Board

Representation of authorised representatives of the applicant preparing the Trading Rules:

Acting on behalf of the Warsaw Stock Exchange, we, the undersigned members of the Exchange Management Board, represent that information contained in the Trading Rules is true and fair and does not omit any facts or circumstances that are required by law to be disclosed.

Furthermore, acting on behalf of the Exchange, the entity preparing the Trading Rules, we represent that information contained in Chapters 1 to 3 of the Trading Rules prepared by the Exchange is true and fair and does not omit any facts or circumstances that are required by law to be disclosed.

Piotr Borowski

Dariusz Kułakowski

Member of the Management Board

Member of the Management Board

2.2 Particulars of the entity preparing Chapter 4 of the Trading Rules ("Exhibit. Clearing guarantees")

Name: KDPW_CCP Spółka Akcyjna
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Authorised representatives of KDPW_CCP:

1. Maciej Trybuchowski - President of the Management Board of KDPW_CCP S.A.
2. Sławomir Panasiuk - Vice-President of the Management Board of KDPW_CCP S.A.

Representation of authorised representatives of KDPW_CCP S.A.

Acting on behalf of KDPW_CCP, we, the undersigned members of the Management Board, represent that information contained in Chapter 4 ("Exhibit: Clearing guarantees") of the Trading Rules is true and fair and does not omit any facts or circumstances that are required by law to be disclosed.

Maciej Trybuchowski

President
of the Management Board
of KDPW_CCP S.A.

Sławomir Panasiuk

Vice-President
of the Management Board
of KDPW_CCP S.A.

3. Information on the Trading Rules for euro futures contracts

3.1 Description of risks for purchasers and issuers of futures contracts

3.1.1. Liquidity risk

High market participant activity and commitment should not be counted on in the first period of futures trading. Thus, it may be that a sizeable transaction will prove impossible to be made or will produce a material price fluctuation. In addition, liquidity will depend on market maker activity.

3.1.2. Market risk

Market risk relates to futures contract price fluctuations. Futures contract prices depend mainly on the price of the underlying instruments. Market risk is increased by leverage in that the value of the initial investment is low in comparison to the value of the contract. Consequently, relatively small cash market fluctuations may have a bigger effect on funds employed as a margin.

If the amount of the margin falls below a certain pre-determined minimum, an investor holding open positions is subject to a margin call. If the payment is not made within the prescribed time, the positions of that investor will be closed out. In the case of a long position, if close-out is at a price that is lower than the opening price, and in the case of a short position, if close-out is at a price that is higher than the opening price, a loss will result. Such loss will exceed the initial value of the investment if the difference between the position's closing and opening values is higher than the margin.

3.1.3. Euro futures specific risk

The investor must be aware that currency exchange rates may have high volatility. Thus, investments in currency futures contracts may attract a high market risk. Currency exchange rate levels are directly related to macroeconomic factors that are affected not only by the Polish (National Bank of Poland's) monetary policy, but also macroeconomic policies of other countries.

Therefore, changes in the global economy may be reflected in levels of currency exchange rates.

3.2. Requirements for investors selling or purchasing futures contracts

Both residents and non-residents, within the meaning of the Foreign Exchange Law Act of 27 July 2002 (consolidated text: Journal of Laws [*Dziennik Ustaw*] of 2017, item 679, as amended), may be sellers (writers) and purchasers of futures contracts. Such investors must hold futures accounts.

3.2.1. Futures accounts

Financial instruments that are not securities, including futures contracts, must be recorded on derivatives accounts.

The terms and procedures of opening, operating and closing derivatives accounts and the terms of providing the services of executing orders referring to derivatives are set out in the Minister of Finance's Regulation of 30 May 2018 on terms and procedures for investment firms, banks referred to in Article 70.2 of the Act on Trading in Financial Instruments, and custodian banks (consolidated text: Journal of Laws [*Dziennik Ustaw*] of 2018, item 1112) and in the applicable rules issued by investment firms and banks pursuant to the provisions of the above Regulation.

3.2.2. Fees

Entities engaged in the brokerage business collect transaction fees from investors for whom they operate futures accounts, as per the fee schedules incorporated by reference to the accounts' operating rules.

3.3 Rights and obligations arising from futures contracts

Under the Exchange Rules, a futures contract is an agreement executed on the Exchange between the seller of a future right and the buyer of this future right, on terms and conditions set out in Resolution No. 8/677/99 of the Exchange Supervisory Board of 27 January 1999, as amended (the consolidated text of the standard specification is presented in an annex to Resolution No. 704/2007 of the Exchange Management Board of 13 September 2007) in the Standard Specification of a Scheme of Euro Futures Contracts, in which the parties set the value of the underlying instrument, such value to be the agreed price, and the parties mutually undertake to deliver the agreement, settled only in cash.

Futures contracts are traded on the main market operated by the Warsaw Stock Exchange.

Marking to the market, i.e., determining the rights and obligations of parties having open positions on the derivatives market and computing the settlement balances, is conducted on a daily basis. Daily settlement values constitute a basis for daily marking to the market. On the last trading day, transactions are cleared and settled on the basis of the final settlement value. Settlement values are expressed in Polish zlotys.

Chapter 4 ("Exhibit: Clearing guarantees") of the Trading Rules contains detailed principles of securing claims arising from futures contracts and clearing futures contracts on delivery. Persons investing in futures contracts should pay special attention to Chapters 4.6 – 4.8 of the Trading Rules ("Exhibit: Clearing

guarantees”) which describe the liabilities of the investor to a clearing participant and the principles of determining liabilities to parties of a transaction.

3.4 Manner in which first and last trading days for futures contracts are set out

The Exchange shall set out the date on which trading in the first contract series of a class shall commence, such date to be disclosed to the public no later than 7 days before trading commences. Trading in the next futures contract series shall commence on the trading day following the expiry date of the preceding series. Trading in a futures contract series shall cease on the third Friday of the series’ delivery month. If this date is not a trading day, then it shall be the last trading day before the third Friday of the delivery month. In exceptional cases, the Exchange Management Board may set the last trading day to fall on a different date, but must disclose such information to the public at least 4 weeks in advance. If the Exchange Management Board decides to discontinue the introduction of further series of futures contracts for a specific underlying instrument, the Exchange will disclose this decision to the public and notify the PFSA no later than 3 weeks before the scheduled date of introduction of further series according to the standard specification.

3.5 Futures contracts delivery dates

The delivery date for a futures contract of a series is the series’ last trading day. It is the same date as the contract expiry date, i.e., the date on which the final settlement price is determined. Trading in a euro futures contract series that expires at a given date ends at 10:30 a.m. on that day.

3.6 Futures contracts expiry dates

The expiry date of futures contract series is the date on which the final settlement price is determined. According to the standard specification of futures contracts, it is the last trading day of the series.

3.7 Basic futures contracts trading rules

3.7.1. Exchange trading in futures contracts

Futures contracts are traded on the main market operated by the Exchange in accordance with the Exchange Rules and other regulations governing the market.

3.7.2. Admission to exchange trading

1. The Exchange Management Board decides on the admission of futures contracts to exchange trading.
2. Futures contracts are admitted to exchange trading by having their standard specification determined, and on condition that their trading rules have been approved by PFSA and disclosed by the Exchange to the public.

Futures contracts subject to this document were admitted to public trading in Resolution No. 8/677/99 of the Exchange Supervisory Board of 27 January 1999, as amended (the consolidated text of the standard specification is presented in an annex to Resolution No. 704/2007 of the Exchange Management Board of 13 September 2007).

3.7.3 Introduction of futures contracts to exchange trading

The Exchange Management Board shall decide on the introduction of futures contracts to exchange trading.

3.7.4 Detailed futures contracts trading rules

Detailed trading rules for futures contracts are set out in the Detailed Trading Rules.

3.7.5. Amendments to the Exchange Rules or other Exchange regulations relating to futures contracts trading

1. The Exchange Supervisory Board has the power to decide by resolution on amendments to the Exchange Rules.
2. As per Article 29 of the Trading Act, the consent of PFSA is required for any amendments to the Exchange Articles of Association and the Exchange Rules. PFSA shall refuse its consent to any amendments to the Exchange Articles of Association and the Exchange Rules if the proposed amendments are in breach of law or may violate the security of trading.
3. Any amendments to the Detailed Trading Rules to the extent of trading rules for futures contracts referred to in 3.7.4 should be disclosed to the public at least 2 weeks before their effective date.

3.7.6. Parties to an exchange transaction

1. Only an exchange member may be a party to an exchange transaction.
2. General exchange membership rules are laid down in the Exchange Rules.

3.8 Standard specification of futures contracts

The standard specification for the scheme of euro futures contracts, approved in Resolution No. 8/677/99 of the Exchange Supervisory Board of 27 January 1999 (as amended) as at the date of updating these Trading Rules is as follows:

Abbreviated contract name	FEURkrr, where: F – type of instrument EUR – currency whose rate is the underlying instrument k – delivery month code (as per the Exchange Management Board resolution) rr – two last digits of delivery year
Contract code	Assigned by the clearing entity in accordance with the ISIN standard
Underlying instrument	EUR/PLN exchange rate
Trading unit (contract size)	EUR 1,000
Quotation unit	Polish zlotys (PLN) (per EUR 1)
Delivery months	Three nearest calendar months + three subsequent months of the March quarterly cycle (March, June, September, December)
Last trading day	The third Friday of the delivery month. If this date is not a trading day, then the last trading day before the third Friday of the delivery month. Trading in a futures contracts series that expires on that date ends at 10:30 a.m. on that day. In exceptional cases, the Exchange may set the last trading day to fall on a different date, but must disclose such information to the public at least 4 weeks in advance.
Expiry date	The date on which the final settlement price is determined. The same date as the last trading day.
First trading day of a new series	The trading day following expiry of the previous contract series. Set out by the Exchange Management Board for the first introduction of a contracts series to trading.

Daily settlement price	The daily settlement price is determined after each session starting from the date on which the first transaction of a contracts series was made, excluding the expiry date. The closing price for contracts of a series will be deemed the daily settlement price. If the closing price was not determined during the session, the last settlement price will be deemed the daily settlement price. However, if the order book at closing contains at least one order for at least 50 contracts with a limit price better (i.e., higher for buy and lower for sell orders) than the settlement price arrived at as per the above, the limit price of the best of such orders will be deemed the settlement price. For buy orders, this is the highest limit price of a buy order above the price arrived at as per the above and for sell orders this is the lowest limit price of a sell order below the price arrived at as per the above. If the limit of such an order exceeds the upper or lower price collar applicable at closing, then the upper or lower price collar applicable at closing, respectively, will be deemed the daily settlement price. In special cases, upon consultation with KDPW_CCP, the Exchange may set a daily settlement price other than arrived at as per the above.
Final settlement price	The average euro exchange rate determined by the National Bank of Poland at fixing on the contract expiry date determined with a precision of PLN 0.0001 (per EUR 1).
Daily settlement value	The product of the daily settlement price and the contract size.
Final settlement value	The product of the final settlement price and the contract size.
Settlement date	The first business day following the contract series expiry date.
Publication of the daily and final settlement values	Immediately following the close of trading.
Settlement method	In cash in Polish zlotys.
Investor's margin	The investment firm or custodian bank determines the required investor's margin.

3.10. The underlying instrument

The EUR/PLN exchange rate is the underlying instrument.

3.11. Taxes

3.11.1. Personal income tax

As of 1 January 2004, income earned in the Republic of Poland by natural persons from a sale for consideration of futures contracts and exercising rights arising from such contracts is subject to taxation under special rules at a rate of 19%.

The detailed taxation rules for such income are specified in the Personal Income Tax Act of 26 July 1991, in particular Article 17(1) and Article 30b of the Act (consolidated text: Journal of Laws [*Dziennik Ustaw*] of 2018, item 200, as amended).

3.11.2. Corporate income tax

Income earned in the Republic of Poland by corporate entities from a sale for consideration of futures contracts and exercising rights arising from such contracts is subject to taxation under general rules specified in the Corporate Income Tax Act of 15 February 1992 (consolidated text: Journal of Laws [*Dziennik Ustaw*] of 2018, item 1036, as amended).

According to Article 19(1) of the Act, the tax on such income is 19% of the taxable income.

The information above is general and does not constitute tax advisory services. In order to clarify details of tax matters, potential investors should engage authorised tax advisors.

3.12. Amendments to the Trading Rules

1. The Exchange must submit any amendment to the Trading Rules to the Polish Financial Supervision Authority and disclose it to the public.
2. If any amendment to the Trading Rules could have a material effect on the futures contract price, the Exchange must disclose the amendment to the public following the procedure set out in Article 56 of the Public Offering Act.

4. Exhibit: Clearing guarantees

Clearing is guaranteed pursuant to the Co-operation Agreement of 12 April 2013 (as amended) concluded by and between the Warsaw Stock Exchange, the Central Securities Depository of Poland and KDPW_CCP S.A.

4.1 Clearing futures transactions

4.1.1 Guaranteeing the clearing of futures transactions - general information

KDPW_CCP is the entity authorised to clear EUR/PLN futures contracts and to organise and manage the clearing guarantee system.

1. Once a derivatives transaction is recorded, KDPW_CCP becomes a party to the clearing of the transaction. The other party to the clearing are clearing participants acting on the account of clients or on their own account.
2. Only KDPW_CCP participants may be clearing participants.
3. KDPW_CCP participants are eligible to operate derivatives accounts.
4. A client may only engage in business operations on the derivatives market after it has opened a derivatives account with an entity authorised to operate derivatives accounts and KDPW_CCP has granted it, on request of the relevant clearing participant, a client classification number (NKK). This condition shall not apply to clients holding an assigned client classification number.
5. As part of the clearing process, KDPW_CCP:
 - a) records all transactions and other operations involving futures contracts executed during the day;
 - b) computes the net credits or debits due to the final clearing of futures contracts;
 - c) conducts the daily marking to the market and margin credit and debit computations for entity accounts cleared through a clearing participant;
 - d) performs a net of the clearing participant's credits and debits vis-à-vis KDPW_CCP, the net being the sum of credits and debits computed for clearing accounts and collateral accounts assigned to the clearing participant.
6. KDPW_CCP manages the clearing guarantee system for transactions in futures contracts. For this purpose, KDPW_CCP sets up and manages the guarantee system described in KDPW_CCP regulations.

4.2 Detailed rules for clearing of futures contracts

4.2.1 Determining the final settlement value of a contract

1. The final settlement price is determined by the Warsaw Stock Exchange as the average euro exchange rate determined by the National Bank of Poland at fixing on the contract expiry date.
2. The final settlement value is determined by the Warsaw Stock Exchange as the product of the final settlement price and the contract size.

4.3 Detailed rules for guaranteeing the clearing of futures contracts

4.3.1. Initial security deposit

1. Every clearing participant must pay an initial security deposit to KDPW_CCP. No participant will be allowed to clear any transaction on the derivatives market until this margin has been deposited. This requirement does not apply where the clearing participant has paid the required initial security deposit to KDPW_CCP in connection with clearing of other derivatives.
2. KDPW_CCP sets out the minimum initial security deposit requirement. The security deposit may be covered by cash or securities collateral approved by KDPW_CCP.
3. After a clearing participant pays the initial security deposit, they will be entitled at any date to open positions in derivatives cleared by them, provided always that the total value of these positions must be computed in accordance with the appropriate KDPW_CCP regulations contained in the Detailed Rules of Transaction Clearing (organised trading).
4. The purpose of the initial security deposit is to hedge the risk of the clearing participant's default in due payment to KDPW_CCP of maintenance margins securing the participant's derivatives positions and the risk of their default in due payment of their liabilities resulting from the daily marking to the market.

4.3.2. Maintenance margin

The value, method and manner of payment and replenishment of the maintenance margin by investors are determined, subject to rules set out by KDPW_CCP, by:

- a) Investment firms, in the derivatives buy or sell order execution rules;
- b) Custodian banks, in the derivatives account operating rules.

4.3.3. KDPW_CCP margin

1. The maintenance margin to be deposited by a clearing member with KDPW_CCP is the sum total of all the margin requirements computed for the individual collateral accounts of that clearing member, as per the rules laid down and published by KDPW_CCP.
2. The clearing system records maintenance margins posted to secure positions recorded in collateral accounts as per the account structure defined by the clearing member.
3. KDPW_CCP allows the following methodologies to be applied in the calculation of initial security deposits:
 - 1) SPAN® methodology;
 - 2) Portfolio Risk Calculation Model (MPKR);
 - 3) Other methodology approved by KDPW_CCP.
4. Risk parameters are distributed daily to participants in KDPW_CCP messages.
5. A maintenance margin may be covered by cash or securities approved by KDPW_CCP.

6. Non-cash collateral (securities) may cover the part of the maintenance margin determined as a percentage by KDPW_CCP.
7. Financial instruments deposited as collateral are subject to transfer of title according to KDPW_CCP regulations.

4.4 Concentration limits and position exposure limits

KDPW_CCP imposes position concentration limits and may impose limits on exposure to open positions according to KDPW_CCP regulations as required to ensure the security of trading.

4.5 Daily marking to the market

- 4.5.1 KDPW_CCP conducts daily marking to the market. Computations are made of funds to be paid to KDPW_CCP in respect of open positions with unfavourable price trends and of funds to be paid by KDPW_CCP in respect of opposite positions.
- 4.5.2 The debits and credits of the parties to a futures transaction are computed on each day when clearing is performed after the session's transactions and other operations submitted for execution on that day are recorded, subject to the following terms and conditions:
 1. The first marking to the market is conducted on the same day after positions have been opened. The resulting amount (the settlement balance), which is loss for one side and gain for the other, is the product of the difference between the contract value and the daily settlement value (the difference is rounded off to PLN 0.01), multiplied by the number of contracts transacted and recorded on a clearing account.
 2. On the other trading days, excluding the contract expiry date, the amount resulting from the marking to the market (the settlement balance) is the product of the difference between the previous daily settlement value and the current daily settlement value (the difference is rounded off to PLN 0.01), multiplied by the number of contracts recorded on a clearing account, excluding contracts referred to in point (1).
 3. Where an open position is closed, the amount resulting from the marking to the market (the settlement balance) is the product of the difference between the contract value for the close-out and the previous daily settlement value (the difference is rounded off to PLN 0.01), multiplied by the number of contracts.
 4. Where an open position is closed on the same session, the amount resulting from the marking to the market (the settlement balance) is the product of the value differences on close-out and opening (the difference is rounded off to PLN 0.01), multiplied by the number of contracts.
- 4.5.3 In the transaction clearing guarantee system, KDPW_CCP conducts the daily marking to the market for parties to transactions on the derivatives market.
- 4.5.4 If a client takes a position opposite to the position they have previously held on the same clearing account, the position will be liquidated.

4.6 Detailed rules for determining the liabilities arising from open positions

The liability to pay the settlement balance resulting from daily marking to the market in respect of both long and short positions and the final settlement price means that the settlement balance will be debited to the investor's margin account.

4.6.1 Liability of an investor holding a long position

1. On the day the position is opened, the investor must pay the settlement balance to KDPW_CCP if the daily settlement value is lower than the opening contract value.
2. On the other days, the investor must pay the settlement balance if the daily settlement value on a given day is lower than the previous daily settlement value.

4.6.2 Liability of an investor holding a short position

1. On the day the position is opened, the investor must pay the settlement balance if the daily settlement value is higher than the opening contract value.
2. On the other days, the investor must pay the settlement balance if the daily settlement value on a given day is higher than the previous daily settlement value.

4.7 Detailed rules for determining liabilities of parties to a futures transaction closing their positions

4.7.1 Liability of an investor closing a long position

1. The investor closing a long position that was opened before the close-out date must pay the settlement balance if the closing contract value is lower than the previous daily settlement value.
2. The investor closing a long position on the same day the position is opened must pay the settlement balance if the closing contract value is lower than the opening contract value.

4.7.2 Liability of an investor closing a short position

1. The investor closing a short position that was opened before the close-out date must pay the settlement balance if the closing contract value is higher than the previous daily settlement value.
2. The investor closing a short position on the same day the position is opened must pay the settlement balance if the closing contract value is higher than the opening contract value.

4.8 Detailed rules for determining liabilities of parties to a futures transaction on expiry date

On the contract expiry date, KDPW_CCP will compute and record the liabilities on the accounts of the parties to the contract, and such liabilities will equal the product of the difference between the previous daily settlement value and the

final settlement value (the difference is rounded off to PLN 0.01), multiplied by the number of contracts.

4.8.1 Liability of an investor holding a long position

1. The investor holding a long position that was opened before the expiry date must pay the settlement balance if the final settlement value is lower than the most recent daily settlement value.
2. The investor holding a long position that was opened on the expiry date must pay the settlement balance if the final settlement value is lower than the opening contract value.

4.8.2 Liability of an investor holding a short position

1. The investor holding a short position that was opened before the expiry date must pay the settlement balance if the final settlement value is higher than the most recent daily settlement value.
2. The investor holding a short position that was opened on the expiry date must pay the settlement balance if the final settlement value is higher than the opening contract value.

4.9 Settlements between clearing participants and KDPW_CCP

4.9.1 Clearing participants shall settle their maintenance margin liabilities, liabilities resulting from marking to the market, payments to the clearing fund and additional margins no later than 15 minutes before futures contract quotations start on the next trading day. Failure to meet this obligation will prevent the participant from being admitted to the clearing process, which in consequence will lead to order placement halt.

4.9.2 If a Clearing Participant is short of the margin requirement before a session starts, they may be admitted to the clearing process on a conditional basis. The initial security deposit paid by that participant shall be netted of any non-paid liabilities.

4.10 Clearing Fund

4.10.1 The Clearing Fund is created at KDPW_CCP under Articles 65-67 and Article 48.7 of the Trading Act.

4.10.2 The Clearing Fund secures obligations arising from KDPW_CCP's clearing of transactions made on the regulated market and potential default in respect of such transactions. The Clearing Fund is funded by payments from clearing members.

4.10.3 The detailed rules of participation in and use of the Clearing Fund are set out in the Clearing Fund Rules and the Rules of Transaction Clearing (organised trading) available on the KDPW_CCP website (www.kdpwccp.pl).

4.11 Breach of the rules of participation by a clearing member

4.11.1 In the event that a clearing member is in a breach of the rules of participation in the KDPW_CCP clearing system defined in the Rules of Transaction Clearing (organised trading), in particular fails to meet the day's liabilities as computed by KDPW_CCP, KDPW_CCP will start closing the clearing member's positions and for that purpose KDPW_CCP will use the resources of the clearing guarantee system.

4.11.2 KDPW_CCP uses the following resources in order to clear transactions to which the participant breaching the rules of participation in the clearing

system is a party to clearing (the order in which the following resources are used is set in the Rules of Transaction Clearing (organised trading)):

- 1) amounts due to the insolvent KDPW_CCP clearing member;
- 2) margins of the insolvent KDPW_CCP clearing member;
- 3) contributions of the insolvent KDPW_CCP clearing member to the Clearing Fund.
- 4) dedicated resources of KDPW_CCP at least equal to 25% of the capital requirement taking into account the allocation of such resources to the fund;
- 5) contributions of other KDPW_CCP clearing members to the Clearing Fund;
- 6) other own funds of KDPW_CCP up to 110% of the capital requirement;
- 7) additional contributions of other KDPW_CCP clearing members to the Clearing Fund (maximum 50% of the last basic contribution);
- 8) other assets of KDPW_CCP.

4.11.3 According to the Rules of Transaction Clearing (organised trading), margins may only be used to meet liabilities arising from positions recorded in clearing accounts linked by the participant to the collateral account in which such margins are recorded unless the margin is recorded in a collateral account linked to an own position account.