

# GPW WATS 6.04 Technical System Schedule.

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# 1. DISCLAIMER

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In case of sections of documentation at a **High** level work progress according to the current version of *GPW WATS Advancement of Documentation*, Warsaw Stock Exchange will endeavor to limit changes to these sections of documents to those related to:

1. correcting errors in the documentation or in the software;
2. clarification of the documentation content or removing ambiguity;
3. implementation of approved change requests or;
4. regulatory changes.

## 1.1. EXCEPTIONS

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**Standard technical session schedule presented below will be modify during new WATS system version installation or during bug fixing process .**

**Additional technical session will be started at 20:00 and will be closed 23:59 during standard operational days or additionally, technical session can be organized during Sundays an Saturdays and other holidays at GPW convenience.**

## 2. PREFACE

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This document has been prepared by Warsaw Stock Exchange in order to help in the implementation process of GPW WATS trading platform.

### 2.1. TARGET AUDIENCE

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This document has been prepared to development staff, Independent Software Vendors who produce software integrated with GPW WATS, analysts, market participants and all clients who want to deepen their knowledge about GPW WATS.

### 2.2. DOCUMENT PURPOSE

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This document contains a description of the elements of the technical cycle of the system's operation..

### 2.3. ASSOCIATED DOCUMENTS

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GPW WATS 1.02 Glossary is a part of GPW WATS documentation set.

- GPW WATS 1.01 Trading System.
- GPW WATS 2.01 Native Order Gateway Specification,
- GPW WATS 2.02 FIX Order Gateway Specification.
- GPW WATS 3.01 Market Data Protocol.
- GPW WATS 4.01 Drop Copy Gateway,
- GPW WATS 4.02 Post Trade Gateway,
- GPW WATS 5.01 Risk Management Gateway.
- GPW WATS 2.03 Rejection Codes,
- GPW WATS 2.04 BenDec Message Definition Format,
- GPW WATS 4.03 Contract Notes,
- GPW WATS 6.01 Connectivity,

### 3. DOCUMENT HISTORY

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| Version            | Date       | Description   |
|--------------------|------------|---|
| <b>1.7.1</b>       | 18.11.2025 | The initial publication of the documentation.   |
| <b>1.7.1.1</b>     | 12.12.2025 | Publication of v1.7.1.1. No changes in the document.  |
| <b>1.7.2</b>       | 20.02.2026 | Update: more precise description in chapter 4.2 without any changes on the trading system side and other specifications |
| <b>1.7.2.1</b>     | 03.03.2026 | Update: adding chapter 4.3 with the description of session restart during the day                                       |
| <b>1.7.3-1.7.9</b> |            | No changes in the document  |
| <b>1.7.10</b>      | 03.06.2026 | Publication of v1.7.10. No changes in the document.   |

## 4. TECHNICAL CYCLE SCHEDULE

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This section presents an archetype of the technical cycle schedule of GPW WATS.

The diagram describes general events which frame the entire technical cycle of system operation such as the start and end of the business day. Individual events affect individual financial instruments traded on the platform such as expiration of orders and publication of instrument summary statistics.

A sample trading schedule for the CLOB and BLOCK Market models is shown with the essential Market Phases such as early and late monitoring.

The session times are indicative and may not correspond to a real trading schedule.

## 4.1. TIMETABLE

| Day   | Time (CET) | Order/DC/PTG Gateways  | Market Data Gateway   |
|-------|------------|--|---|
| D1    | 0:00       |  | ~00:00-00:01 : Services temporary closed<br>~00:01 : TradingSessionStatus.TradingSessionEvent-StartOfTechnicalSession<br>~00:01 : Communication ports : OPEN (DDS, replay, snapshot) and Logins possible and accepted to snapshot<br>~00:01 : Reference data for current trading day. |
|       | 1:00       |  |   |
|       | 2:00       |  |   |
|       | 3:00       |  |   |
|       | 4:00       |  |   |
|       | 5:00       |  |   |
|       | 6:00       | ~06:00 : Logins possible and accepted;<br>After successful Login : Retransmission of orders valid for current trading session, RMA limits. |   |
|       | 7:00       |  |   |
|       | 8:00       |  |   |
|       | 9:00       |  |   |
|       | 10:00      |  |   |
|       | 11:00      |  |   |
|       | 12:00      |  |   |
|       | 13:00      |  |   |
|       | 14:00      |  |   |
|       | 15:00      |  |   |
|       | 16:00      |  |   |
|       | 17:00      |  | ~18:00 : Reference data for the next trading day  |
|       | 18:00      |  |   |
|       | 19:00      | ~ 19:00 : Logout message sent by the Gateway<br>~ 19:01 : Communication ports: CLOSED  |   |
| 20:00 |            |  |   |
| 21:00 |            |  |   |
| 22:00 |            |  |   |

| Day   | Time (CET) | Order/DC/PTG Gateways  | Market Data Gateway   |  |
|-------|------------|--|---|--|
| D2    | 23:00      |  | ~23:59 : TradingSessionStatus.TradingSessionEvent=EndOfTechnicalSession   |  |
|       | 0:00       |  | ~00:00-00:01 : Services temporary closed<br>~00:01 : TradingSessionStatus.TradingSessionEvent=StartOfTechnicalSession<br>~00:01 : Communication ports : OPEN (DDS, replay, snapshot) and Logins possible and accepted to snapshot<br>~00:01 : Reference data for current trading day. |  |
|       | 1:00       |  |   |  |
|       | 2:00       |  |   |  |
|       | 3:00       |  |   |  |
|       | 4:00       |  |   |  |
|       | 5:00       |  |   |  |
|       | 6:00       | ~06:00 : Logins possible and accepted;<br>After successful Login : Retransmission of the orders valid for current trading session, RMA limits. |   |  |
|       | 7:00       |  |   |  |
|       | 8:00       |  |   |  |
|       | 9:00       |  |   |  |
|       | 10:00      |  |   |  |
|       | 11:00      |  |   |  |
|       | 12:00      |  |   |  |
|       | 13:00      |  |   |  |
|       | 14:00      |  |   |  |
|       | 15:00      |  |   |  |
|       | 16:00      |  |   |  |
|       | 17:00      |  |   | ~18:00 : Reference data for next trading day |
|       | 18:00      |  |   |  |
|       | 19:00      | ~ 19:00 : Logout message sent by the Gateway<br>~ 19:01 : Communication ports: CLOSED  |   |  |
|       | 20:00      |  |   |  |
|       | 21:00      |  |   |  |
| 22:00 |            |  |   |  |
| 23:00 |            |  | ~23:59 : TradingSessionStatus.TradingSessionEvent=EndOfTechnicalSession   |  |

## 4.2. PRINCIPALS

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GPW WATS system bases on:

- TECHNICAL System schedule for all system events independently from business schedules and
- BUSINESS schedules bases on a Market Operators calendars for trading events.

Normal, technical system schedule:

- **~18:00** – (MarketData) reference data for the next business trading day for each of Market Operator trading calendar will be sent;
- **23:59** – (MarketData) the technical WATS' system schedule stops with sending: EndOfTechnicalSession messages;
- **~00:02** – (MarketData) the technical WATS' system schedule starts with loading of system parameters and sending of REFERENCE DATA for the current business session;
- **6:00** – (nonMarketData) Logins possible and accepted; After successful Login : Retransmission of the orders valid for current trading session and RMA limits valid for current trading session.

Connecting to the market data stream should begin with a SNAPSHOT.

### IMPORTANT:

• **"Start of the technical session → date" and "End of the technical session → date" (standard: Monday → Tuesday → Wednesday → Thursday → Friday → Saturday → Sunday)**

- The date each time the messages are sent is set to 0, because is not connected with the business day directly. Indicates the technical possibility of the Market Data gateway for dissemination market data messages either related to the trading day or redistribution data from other sources than GPW WATS trading system.

• **"InitialReferenceDataStart → date" and "InitialReferenceDataEnd → date" (standard: Monday → Tuesday → Wednesday → Thursday → Friday → Saturday → Sunday)**

- Each time the messages are sent the date is set to date of current business session, which has been started and to which reference data applies.

• **"NextSessionReferenceDataStart → date" and "NextSessionReferenceDataEnd → date" (standard: Monday → Tuesday → Wednesday → Thursday → Friday → Saturday → Sunday)**

- Each time the messages are sent the date is set to date of next business session with schedules open for trading.

• **"Business day → Business day" (standard: Monday → Tuesday → Wednesday → Thursday → Friday)**

- Reference data sent by ~18:00 will be consistent with the reference data sent directly after 00:02 next business day.

• **“Business day → Business day after “days off” (example: Friday → Monday, with no trading schedule MO in between Friday and Monday)**

- Reference data sent on Friday at ~18:00 will be prepared for the next business session day Monday.
- Data sent after 00:01 on Saturday will be parameterized and distributed to the system for Saturday.
- Data sent on Saturday at 18:00 will be data for Monday.
- Data sent on Sunday after 00:01 will be data for Sunday.
- Data sent on Sunday until 18:00 will be data for Monday (consistent with data from Friday at 18:00).
- Data sent on Monday after 00:01 will be reference data for Monday, consistent with data from Friday, Saturday, Sunday 18:00.

### 4.3. SESSION RESTART DURING THE DAY

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If an event occurs that requires a session restart during the day, the WSE will decide to restart the session.

The WSE will announce this in a dedicated communication to all market participants.

After receiving the announcement from the WSE, the restart should be implemented in the following scenario:

- All data sent after the **“TradingSessionStatus(StartOfTechnicalSession -> date 0)”** message of a given day and before the session restart during the day should be omitted.
- Restart of the session (start of new session in a given day) is confirmed by the **“TradingSessionStatus(StartOfTechnicalSession -> date 0)”** with new session number and retransmission of reference data to a given (new session number) session and retransmission of passing orders.