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Introduction

Economic information can be obtained from the Economic Information Bureau (KRD) system through the website or through Internet services using the SOAP protocol. One of such web services is CHASE, version 3.3.

The SOAP interface (e.g. KrdAPI) allows for direct connection between the client's application and the KRD system – so that the client could check the available economic information about their contractor directly from the client's application. This method is very convenient for the client who can either adjust the applications that they already use or use the applications that were pre-configured to cooperate with the Economic Information Bureau.

This document describes the methods used by the CHASE 3.3 service and the ways of connecting the clients with the CHASE 3.3 server.

Note!

The **CHASE 3.3** service will be referred to as **CHASE** (without specifying the version) later on in this document. The methods described in the document do not apply to the earlier versions of the service.

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1. Methods of the CHASE service

1.1. *Disclosing economic information*

The CHASE 3.3 service allows the clients to obtain economic information about other entities. A new version of the CHASE service has been adapted to the requirements of the Act on Disclosure of Economic Information and Exchange of Economic Data which came into force in the updated form on 14th June, 2010 (Journal of Laws of 09.04.2010 no. 81 item 530), later on referred to as the Act.

1.2. *Disclosure of economic information in incognito mode*

Clients who are authorised entities can receive economic information about other entities in incognito mode via Chase 3.3 service. The method complies with the requirements contained in Article 25 of the Act of 9 April 2010 on Disclosure of Economic Information (Dz.U.2018.0.470).

1.3. *Disclosure of inquiry register*

Clients who are authorised entities can receive information from the inquiry register of consumers and non-consumer entities (companies, one-man businesses) via Chase 3.3 service. The method complies with the requirements contained in Article 25 of the Act of 9 April 2010 on Disclosure of Economic Information (Dz.U.2018.0.470).

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2. Logging in to the system

2.1. Logging without using the certificate

Logging in to the system is possible without the authentication certificate of the communication between the KRD BIG SA and the client only by the address of the endpoint [https://services.krd.pl/Chase/3.3/Search.svc/\[basic\]ws](https://services.krd.pl/Chase/3.3/Search.svc/[basic]ws). In the case of not using the certificate there are three possible login methods.

2.1.1. Login and password

In order to log in to the system using a login and a password in the *Authorization* section in the *AuthorizationType* node it is necessary to set the *LoginAndPassword* value. Additionally the login must be submitted in the *Login* node and the password in the *Password* node.

```
<soapenv:Header>
  <aut:Authorization>
    <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
    <aut>Login</aut>Login>
    <aut>Password>password</aut>Password>
  </aut:Authorization>
</soapenv:Header>
```

2.1.2. Login and encrypted password

It is possible to log in to the system with a login and an encrypted password. In order to do this in the *Authorization* section in the *AuthorizationType* node one must put the *LoginAndPasswordHash* value, in the *Login* node one must put the login and in the *PasswordHash* node one has to put the value of the encrypted password. The short password can be computed with the following method:

```
public static string HashPassword(string key)
{
    byte[] _key = SHA1.Create().ComputeHash(Encoding.UTF8.GetBytes(key));
    return string.Concat(_key.Select(x => x.ToString("X2")));
}
```

```
<soapenv:Header>
  <aut:Authorization>
    <aut:AuthorizationType>LoginAndPasswordHash</aut:AuthorizationType>
    <aut>Login</aut>Login>
    <aut>PasswordHash>the result of the hash password function</aut>PasswordHash>
  </aut:Authorization>
</soapenv:Header>
```

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2.1.3. Active login session identifier

This method allows logging in to the service using a string of characters identifying the previous logging in (so called *ticket*). Such a situation is possible when the client logged in the the system using a different method and as a response he/she obtained a *ticket*. *Ticket* is valid for 24 hours since its issuing. In order to use this method to log in to the *Authorization* section in the *AuthorizationType* node it is necessary to submit the *Ticket* value, and in the *Ticket* node the value of the string obtained at the previous login session.

```
<soapenv:Header>
  <aut:Authorization>
    <aut:AuthorizationType>Ticket</aut:AuthorizationType>
    <aut:Ticket>Ticket</aut:Ticket>
  </aut:Authorization>
</soapenv:Header>
```

2.2. Logging with the use of the certificate

Authentication can be secured by KRD BIG SA with a certificate. In order to use a certificate it is necessary to make a request to the correct final point: [https://services.krd.pl/Chase/3.3/Cert/Search.svc/\[basic|ws\]](https://services.krd.pl/Chase/3.3/Cert/Search.svc/[basic|ws]).

There are three login methods possible with the use of the certificate.

2.2.1. Login and password

Submit the same data as when logging in without the certificate.

2.2.2. Login and encrypted password

Submit the same data as when logging in without the certificate.

2.2.3. Active login session identifier

Submit the same data as when logging in without the certificate.

2.2.4. Certificate

In order to log in using the certificate in the authorisation header in the *AuthorizationType* node submit the value of the *Certificate*. A user mapped with the certificate by the KRD BIG SA will be authorised automatically.

```
<soapenv:Header>
  <aut:Authorization>
    <aut:AuthorizationType>Certificate</aut:AuthorizationType>
  </aut:Authorization>
</soapenv:Header>
```

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2.2.5. Certificate with authentication data – re-login to a different login of the client

When logging in with a certificate it is possible to confirm the identity with the data of the account mapped with the certificate (usually the main account) and then to perform operations in the context of one of the client's logins. In order to do it it is necessary to set the authorisation type as *CertificateWithCredentials* in the *AuthorizationType* node. The sublogin of the client in the context of which the operations are to be performed should be entered in the *Login* node. If the login does not exist or does not have proper rights to perform the operation, an adequate error will be returned.

```
<soapenv:Header>
  <aut:Authorization>
    <aut:AuthorizationType>CertificateWithCredentials</aut:AuthorizationType>
    <aut>Login</aut>Login>
  </aut:Authorization>
</soapenv:Header>
```

2.2.6. Certificate with authentication data – re-login to the account of a different client

When logging in with a certificate it is possible to confirm the identity with the data of the account mapped with the certificate (usually the main account) and then to perform operations in the context of the account of a different client. In order to do it it is necessary to set the authorisation type as *CertificateWithCredentials* in the *AuthorizationType* node. The login data of another client should be submitted in the *Login* and *Password/PasswordHash* nodes, similarly as when logging in with the use of the same data. If the login does not exist or does not have proper rights to perform the operation, an adequate error will be returned.

```
<soapenv:Header>
  <aut:Authorization>
    <aut:AuthorizationType>CertificateWithCredentials</aut:AuthorizationType>
    <aut>Login</aut>Login>
    <aut>Password>password</aut>Password>
  </aut:Authorization>
</soapenv:Header>

<soapenv:Header>
  <aut:Authorization>
    <aut:AuthorizationType>CertificateWithCredentials</aut:AuthorizationType>
    <aut>Login</aut>Login>
    <aut>PasswordHash>the result of the hash password function</aut>PasswordHash>
  </aut:Authorization>
</soapenv:Header>
```

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3. Methods of disclosing economic information

3.1. Method: SearchConsumer

The SearchConsumer method is used to receive available economic information about an entity being a consumer.

3.1.1. The request format

3.1.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

3.1.1.2. Request data

This section is used to submit the data identifying the entity which is to be checked. The section contains three fields:

- Number – used to submit the entity identification number,
- NumberType – used to submit the type of the number; type *tns:ConsumerNumberType*; can assume one of two values *Pesel* or *OtherNumber*,
- AuthorizationDate – used to submit the date of the consent for request.

```
<soapenv:Body>
  <dto:SearchConsumerRequest>
    <dto:Number>value</dto:Number>
    <dto:NumberType>value</dto:NumberType>
    <dto:AuthorizationDate>value</dto:AuthorizationDate>
  </dto:SearchConsumerRequest>
</soapenv:Body>
```

3.1.1.3. Data of the reply

As a reply to the request we get an element of the *InformationDisclosureResponse* type.

3.1.1.4. An example of a request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:aut="http://krd.pl/Authorization" xmlns:dto="http://krd.pl/Chase3.3/Dto">
  <soapenv:Header>
    <aut:Authorization>
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
      <aut:Login>Login</aut:Login>
      <aut:Password>password</aut:Password>
    </aut:Authorization>
  </soapenv:Header>
  <soapenv:Body>
    <dto:SearchConsumerRequest>
      <dto:Number>24041803749</dto:Number>
      <dto:NumberType>Pesel</dto:NumberType>
      <dto:AuthorizationDate>2014-06-11T08:33:33</dto:AuthorizationDate>
    </dto:SearchConsumerRequest>
```

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```
</soapenv:Body>
</soapenv:Envelope>
```

3.2. Method: SearchNonConsumer

The SearchNonConsumer method is used to receive available economic information about an entity being a non-consumer (companies, one-man businesses, etc.).

3.2.1. The request format

3.2.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

3.2.1.2. Request data

This section is used to submit the data identifying the entity which is to be checked. The section contains fields:

- Number – used to submit the entity identification number,
- NumberType – used to submit the type of the number; type *tns:NonConsumerNumberType*; can assume one of two values *TaxId* or *OtherNumber*.

```
<soapenv:Body>
  <dto:SearchNonConsumerRequest>
    <dto:Number>value</dto:Number>
    <dto:NumberType>value</dto:NumberType>
  </dto:SearchNonConsumerRequest>
</soapenv:Body>
```

3.2.1.3. Data of the reply

As a reply to the request we get an element of the InformationDisclosureResponse type.

3.2.1.4. An example of a request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:aut="http://krd.pl/Authorization" xmlns:dto="http://krd.pl/Chase3.3/Dto">
  <soapenv:Header>
    <aut:Authorization>
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
      <aut:Login>Login</aut:Login>
      <aut:Password>password</aut:Password>
    </aut:Authorization>
  </soapenv:Header>
  <soapenv:Body>
    <dto:SearchNonConsumerRequest>
      <dto:Number>8229190244</dto:Number>
      <dto:NumberType>TaxId</dto:NumberType>
    </dto:SearchNonConsumerRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

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3.3. Method: DisclosureReportRequest

The DisclosureReportRequest method is used to receive the generated shared economic information report again.

3.3.1. The request format

3.3.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

3.3.1.2. Request data

In this section of the request one must enter the number of the report. The section contains fields:

- ReportNumber – the number of the existing report.

```
<dto:DisclosureReportRequest>  
  <dto:ReportNumber>value</dto:ReportNumber>  
</dto:DisclosureReportRequest>
```

3.3.1.3. Data of the reply

As a reply to the request we get an element of the InformationDisclosureResponse type.

3.3.1.4. An example of a request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:aut="http://krd.pl/Authorization" xmlns:dto="http://krd.pl/Chase3.3/Dto">  
  <soapenv:Header>  
    <aut:Authorization>  
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>  
      <aut:Login>Login</aut:Login>  
      <aut:Password>password</aut:Password>  
    </aut:Authorization>  
  </soapenv:Header>  
  <soapenv:Body>  
    <dto:DisclosureReportRequest>  
      <dto:ReportNumber>U1/0000000001/2000</dto:ReportNumber>  
    </dto:DisclosureReportRequest>  
  </soapenv:Body>  
</soapenv:Envelope>
```

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4. Methods of disclosing economic information in incognito mode

The economic information disclosure operation in incognito mode allows the authorised entities to obtain economic information about an entity without leaving a trace in the inquiry register of that entity. Therefore, it will not be possible to obtain information about the execution of such inquiry (the inquired entity also will not be informed). The authorised entities are described in Article 25 of the Act of 9 April 2010 on Disclosure of Economic Information.

4.1. Method: SearchConsumer

The SearchConsumer method is used to receive available economic information about an entity being a consumer.

4.1.1. The request format

4.1.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

4.1.1.2. Request data

This section is used to submit data identifying the entity which is to be checked. The section contains three fields:

- Number – used to submit the entity identification number,
- NumberType – used to submit the type of the number; type *tns:ConsumerNumberType*; can assume one of two values Pesel or OtherNumber,
- AuthorizationDate – used to submit the date of the consent for request.

```
<soapenv:Body>
  <dto:SearchConsumerRequest>
    <dto:Number>value</dto:Number>
    <dto:NumberType>value</dto:NumberType>
    <dto:AuthorizationDate>value</dto:AuthorizationDate>
  </dto:SearchConsumerRequest>
</soapenv:Body>
```

4.1.1.3. Data of the reply

As a reply to the request we get an element of the InformationDisclosureResponse type.

4.1.1.4. An example of a request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:aut="http://krd.pl/Authorization" xmlns:dto="http://krd.pl/Chase3.3/Dto">
  <soapenv:Header>
    <aut:Authorization>
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
      <aut>Login</aut>Login>
    </aut:Authorization>
  </soapenv:Header>
</soapenv:Envelope>
```

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```

    <aut:Password>password</aut:Password>
  </aut:Authorization>
</soapenv:Header>
<soapenv:Body>
  <dto:SearchConsumerRequest>
    <dto:Number>24041803749</dto:Number>
    <dto:NumberType>Pesel</dto:NumberType>
    <dto:AuthorizationDate>2014-06-11T08:33:33</dto:AuthorizationDate>
  </dto:SearchConsumerRequest>
</soapenv:Body>
</soapenv:Envelope>

```

4.2. Method: SearchNonConsumer

The SearchNonConsumer method is used to receive available economic information about an entity being a non-consumer (companies, one-man businesses, etc.).

4.2.1. The request format

4.2.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

4.2.1.2. Request data

This section is used to submit the data identifying the entity which is to be checked. The section contains fields:

- Number – used to submit the entity identification number,
- NumberType – used to submit the type of the number; type *tns:NonConsumerNumberType*; can assume one of two values *TaxId* or *OtherNumber*.

```

<soapenv:Body>
  <dto:SearchNonConsumerRequest>
    <dto:Number>value</dto:Number>
    <dto:NumberType>value</dto:NumberType>
  </dto:SearchNonConsumerRequest>
</soapenv:Body>

```

4.2.1.3. Data of the reply

As a reply to the request we get an element of the InformationDisclosureResponse type.

4.2.1.4. An example of a request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:aut="http://krd.pl/Authorization" xmlns:dto="http://krd.pl/Chase3.3/Dto">
  <soapenv:Header>
    <aut:Authorization>
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
      <aut:Login>login</aut:Login>
      <aut:Password>password</aut:Password>
    </aut:Authorization>
  </soapenv:Header>
  <dto:SearchNonConsumerRequest>
    <dto:Number>value</dto:Number>
    <dto:NumberType>value</dto:NumberType>
  </dto:SearchNonConsumerRequest>
</soapenv:Envelope>

```


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```
</aut:Authorization>
</soapenv:Header>
<soapenv:Body>
  <dto:SearchNonConsumerRequest>
    <dto:Number>3510419719</dto:Number>
    <dto:NumberType>TaxId</dto:NumberType>
  </dto:SearchNonConsumerRequest>
</soapenv:Body>
</soapenv:Envelope>
```

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5. Methods of disclosing inquiry register

Inquiry register disclosure operation allows the authorised entities to obtain information about entities to which economic information about a particular entity was disclosed and what economic information was disclosed. The authorised entities are described in Article 25 of the Act of 9 April 2010 on Disclosure of Economic Information. The execution of the operation involves 2 stages:

Stage 1: acquisition of summarised inquiry register which contains information about the entity to whom economic information was disclosed, number of the report returned to the client during the inquiry and number of paid and unpaid obligations in a particular report.

Stage 2: acquisition of a detailed report containing economic information about an entity via report number acquired as a result of the inquiry in stage 1.

The authorised entity may receive information from the register of inquiries of consumers and non-consumer entities (companies, one-man businesses, etc.).

5.1. Method: SearchRegistryReportConsumer

The SearchRegistryReportConsumer method is used to receive information from consumer inquiry register. It is the execution of the first stage of inquiry register disclosure operation.

5.1.1. The request format

5.1.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

5.1.1.2. Request data

This section is used to submit the data identifying the consumer whose inquiry register will be disclosed. The section contains three fields:

- RegistryReportNumber – GUID, which identifies the inquiry for inquiry register disclosure which is used to acquire detailed reports in stage 2 (e.g. 693cfbe5-d0c5-4a7a-9c2c-d77f7cd51feb),
- Number – the number identifying the consumer, for example PESEL number,
- NumberType – used to submit the type of the number; type *tns:ConsumerNumberType*; can assume one of two values *Pesel* or *OtherNumber*.

```
<soapenv:Body>
  <reg:SearchRegistryReportConsumerRequest>
    <reg:RegistryReportNumber>value</reg:RegistryReportNumber>
    <reg:Number>value</reg:Number>
    <reg:NumberType>value</reg:NumberType>
  </reg:SearchRegistryReportConsumerRequest>
</soapenv:Body>
```

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5.1.1.3. Data of the reply

As a reply to the request we get an element of the *RegistryReportResponse* type.

5.1.1.4. An example of a request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:aut="http://krd.pl/Authorization"
xmlns:reg="http://krd.pl/Chase3.3/Dto/RegistryReport">
  <soapenv:Header>
    <aut:Authorization>
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
      <aut:Login>login</aut:Login>
      <aut:Password>password</aut:Password>
    </aut:Authorization>
  </soapenv:Header>
  <soapenv:Body>
    <reg:SearchRegistryReportConsumerRequest>
      <reg:RegistryReportNumber>ebf07dcd-e129-4c89-be43-bd0d56b2b553
</reg:RegistryReportNumber>
      <reg:Number>59121416634</reg:Number>
      <reg:NumberType>Pesel</reg:NumberType>
    </reg:SearchRegistryReportConsumerRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.2. Method: SearchRegistryReportNonConsumer

The SearchRegistryReportNonConsumer method is used to receive economic information about an entity being a non-consumer (companies, one-man businesses, etc.). It is the execution of the first stage of inquiry register disclosure operation.

5.2.1. The request format

5.2.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

5.2.1.2. Request data

This section is used to submit the data identifying the entity whose inquiry register will be disclosed. The section contains three fields:

- RegistryReportNumber – GUID, which identifies the inquiry for inquiry register disclosure which is used to acquire detailed reports in stage 2 (e.g. 693cfbe5-d0c5-4a7a-9c2c-d77f7cd51feb),
- Number – the number identifying the entity, for example TaxId number,
- NumberType – used to submit the type of the number; type *tns:NonConsumerNumberType*; can assume one of two values *TaxId* or *OtherNumber*.

```
<soapenv:Body>
  <reg:SearchRegistryReportNonConsumerRequest>
```

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```

    <reg:RegistryReportNumber>value</reg:RegistryReportNumber>
    <reg:Number>value</reg:Number>
    <reg:NumberType>value</reg:NumberType>
  </reg:SearchRegistryReportNonConsumerRequest>
</soapenv:Body>

```

5.2.1.3. Data of the reply

As a reply to the request we get an element of the *RegistryReportResponse* type.

5.2.1.4. An example of a request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:aut="http://krd.pl/Authorization"
xmlns:reg="http://krd.pl/Chase3.3/Dto/RegistryReport">
  <soapenv:Header>
    <aut:Authorization>
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
      <aut>Login</aut>Login>
      <aut>Password>password</aut>Password>
    </aut:Authorization>
  </soapenv:Header>
  <soapenv:Body>
    <reg:SearchRegistryReportNonConsumerRequest>
      <reg:RegistryReportNumber>afd38a7f-a8fb-431b-9264-182248da1918
</reg:RegistryReportNumber>
      <reg:Number>9273730239</reg:Number>
      <reg:NumberType>TaxId</reg:NumberType>
    </reg:SearchRegistryReportNonConsumerRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

5.3. Method: GetGenericDisclosureReport

The GetGenericDisclosureReport method is used to receive a detailed report from the inquiry register. It is the execution of the second stage of inquiry register disclosure operation. Acquisition of detailed reports on the basis of their numbered received as a result of the inquiry from stage 1 is possible within 14 days from the moment of sending the inquiry from stage 1 (methods *SearchRegistryReportConsumer* and *SearchRegistryReportNonConsumer*).

5.3.1. The request format

5.3.1.1. Authorization data

Authorization in such requests is consistent with other requests and is described in point 2.

5.3.1.2. Request data

This inquiry section is used to submit the data identifying the detailed report from the inquiry register. The section contains fields:

- RegistryReportNumber – GUID number which identifies the inquiry register disclosure inquiry. It is the same number as the one provided

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in the inquiry from stage 1 (e.g. 693cfbe5-d0c5-4a7a-9c2c-d77f7cd51feb),

- GenericDisclosureReportNumber – report number received as a result of the inquiry from stage 1.

```
<soapenv:Body>
  <reg:GenericDisclosureReportRequest>
    <reg:RegistryReportNumber>value</reg:RegistryReportNumber>
    <reg:GenericDisclosureReportNumber>value</reg:GenericDisclosureReportNumber>
  </reg:GenericDisclosureReportRequest>
</soapenv:Body>
```

5.3.1.3. Data of the reply

As a reply to the request we get an element of the *GenericDisclosureReportResponse* type.

5.3.1.4. An example of a request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:aut="http://krd.pl/Authorization"
  xmlns:reg="http://krd.pl/Chase3.3/Dto/RegistryReport">
  <soapenv:Header>
    <aut:Authorization>
      <aut:AuthorizationType>LoginAndPassword</aut:AuthorizationType>
      <aut:Login>login</aut:Login>
      <aut:Password>password</aut:Password>
    </aut:Authorization>
  </soapenv:Header>
  <soapenv:Body>
    <reg:GenericDisclosureReportRequest>
      <reg:RegistryReportNumber>afd38a7f-a8fb-431b-9264-182248da1918</reg:RegistryReportNumber>
      <reg:GenericDisclosureReportNumber>U2/000000001/2018</reg:GenericDisclosureReportNumber>
    </reg:GenericDisclosureReportRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

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6. WSDL files

6.1. Definitions of types

6.1.1. Type: Report

An element of this type is used to return information about the obligations of the searched entity. It consists of the following elements:

- *ObligationInformations* – containing a list of information about the unpaid obligations, type: *ArrayOfObligationInformation*,
- *PaidObligationInformations* – containing a list of information about the paid obligations, type: *ArrayOfPaidObligationInformation*.

```
<xs:complexType name="Report">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="ObligationInformations"
type="tns:ArrayOfObligationInformation"/>
    <xs:element minOccurs="0" maxOccurs="1" name="PaidObligationInformations"
type="tns:ArrayOfPaidObligationInformation"/>
  </xs:sequence>
</xs:complexType>
```

6.1.2. Type: ArrayOfObligationInformation

An element of this type is used to return a list of information about the unpaid obligations of the searched entity. It contains an unlimited number of *ObligationInformation* elements of the *ObligationInformation* type.

```
<xs:complexType name="ArrayOfObligationInformation">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="ObligationInformation"
type="tns:ObligationInformation"/>
  </xs:sequence>
</xs:complexType>
```

6.1.3. Type: ObligationInformation

An element of this type is used to return information about a single unpaid obligation of the searched entity. It consists of the following elements:

- *Debtor* – containing the debtor's data, type: *Debtor*,
- *Provider* – containing the creditor's data, type: *Provider*,
- *Title* – containing the title of the obligation,
- *Type* – containing the type of the obligation, type: *ObligationType*,
- *CustomType* – containing a custom type of the obligation,
- *PaymentDate* – containing the due date of the obligation payment,
- *Proceedings* – containing the description of the state of proceedings of the obligation,
- *Objections* – containing the information about questioning the whole obligation or a part of it by the debtor,

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- *NoObjections* – a flag defining if the debtor questions the obligation,
- *CallSent* – containing the date of sending a call for payment,
- *Debt* – containing the amount of the obligation, type: *Money*,
- *Arrears* – containing the amount of the arrears, type: *Money*.

Additionally, it contains the following attributes:

- *Category* – specifying the identification number of the obligation title category,
- *Subcategory* – specifying the identification number of the obligation title subcategory.

The fields contains specific numerical values for which a dictionaries has been developed, which are available on Customer request. Values in this fields appear after enabling the permissions, according to business arrangements.

```
<xs:complexType name="ObligationInformation">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Debtor" type="tns:Debtor"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Provider"
type="tns:Provider"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Title" type="xs:string"/>
    <xs:element minOccurs="1" maxOccurs="1" name="Type"
type="tns:ObligationType"/>
    <xs:element minOccurs="0" maxOccurs="1" name="CustomType" type="xs:string"/>
    <xs:element minOccurs="1" maxOccurs="1" name="PaymentDate"
type="xs:dateTime"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Proceedings"
type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Objections" type="xs:string"/>
    <xs:element minOccurs="1" maxOccurs="1" name="NoObjections"
type="xs:boolean"/>
    <xs:element minOccurs="1" maxOccurs="1" name="CallSent" type="xs:dateTime"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Debt" type="tns:Money"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Arrears" type="tns:Money"/>
  </xs:sequence>
  <xs:attribute name="category" type="xs:int" use="required"/>
  <xs:attribute name="subcategory" type="xs:int"/>
</xs:complexType>
```

6.1.4. Type: ArrayOfPaidObligationInformation

An element of this type is used to return a list of information about the paid obligations of the searched entity. It contains an unlimited number of *PaidObligationInformation* elements of the *PaidObligationInformation* type.

```
<xs:complexType name="ArrayOfPaidObligationInformation">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="PaidObligationInformation"
type="tns:PaidObligationInformation"/>
  </xs:sequence>
</xs:complexType>
```

6.1.5. Type: PaidObligationInformation

An element of this type is used to return information about a single paid obligation of the searched entity. It consists of the following elements:

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- *Provider* – containing the creditor's data, type: *Provider*,
- *ShowProvider* – indicating if the creditor's data are to be visible,
- *PaidObligationsForSubjects* – containing grouped information about the paid obligations, type: *ArrayOfPaidObligationsForSubject*.

```
<xs:complexType name="PaidObligationInformation">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Provider" type="tns:PProvider"/>
    <xs:element minOccurs="1" maxOccurs="1" name="ShowProvider" type="xs:boolean"/>
    <xs:element minOccurs="0" maxOccurs="1" name="PaidObligationsForSubjects"
type="tns:ArrayOfPaidObligationsForSubject"/>
  </xs:sequence>
</xs:complexType>
```

6.1.6. Type: ArrayOfPaidObligationsForSubject

An element of this type is used to return a list of information about the paid obligations grouped by entity. It contains an unlimited number of *PaidObligationsForSubject* elements of the *PaidObligationsForSubject* type.

```
<xs:complexType name="ArrayOfPaidObligationsForSubject">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="PaidObligationsForSubject"
nillable="true" type="tns:PaidObligationsForSubject"/>
  </xs:sequence>
</xs:complexType>
```

6.1.7. Type: PaidObligationsForSubject

An element of this type is used to return a list of information about the paid obligations of a chosen entity. It consists of the following elements:

- *Subject* – containing the data of an entity, type: *Subject*,
- *PaidObligations* – containing a list of obligations, type: *ArrayOfPaidObligation*.

```
<xs:complexType name="PaidObligationsForSubject">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Subject" type="tns:Subject"/>
    <xs:element minOccurs="0" maxOccurs="1" name="PaidObligations"
type="tns:ArrayOfPaidObligation"/>
  </xs:sequence>
</xs:complexType>
```

6.1.8. Type: ArrayOfPaidObligation

An element of this type is used to return a list of paid obligations. It contains an unlimited number of *PaidObligation* elements of the *PaidObligation* type.

```
<xs:complexType name="ArrayOfPaidObligation">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="PaidObligation"
nillable="true" type="tns:PaidObligation"/>
  </xs:sequence>
</xs:complexType>
```


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6.1.9. Type: PaidObligation

An element of this type is used to return information about a single paid obligation. It consists of the following elements:

- *Currency* – defining the currency of the obligation, type: *Currency*,
- *TotalDebt* – defining the amount of the obligation,
- *PaidDebt* – defining the paid amount of the obligation,
- *DueDate* – defining the due date of the obligation,
- *PaidDate* – defining the date of payment of the obligation,
- *Reason, CustomReason* – defining the reason for adding the obligation,
- *IsSumOfInstalments* – a flag defining if the information refers to a sum of amounts,
- *TotalDebtPLN* – defining the amount of the obligation in PLN,
- *PaidDebtPLN* – defining the amount of the paid obligation in PLN.

Additionally, it contains the following attributes:

- *Category* – specifying the identification number of the obligation title category,
- *Subcategory* – specifying the identification number of the obligation title subcategory.

The fields contains specific numerical values for which a dictionaries has been developed, which are available on Customer request. Values in this fields appear after enabling the permissions, according to business arrangements.

```
<xs:complexType name="PaidObligation">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" name="Currency" type="tns:Currency"/>
    <xs:element minOccurs="1" maxOccurs="1" name="TotalDebt" type="xs:decimal"/>
    <xs:element minOccurs="1" maxOccurs="1" name="PaidDebt" type="xs:decimal"/>
    <xs:element minOccurs="1" maxOccurs="1" name="DueDate" type="xs:dateTime"/>
    <xs:element minOccurs="1" maxOccurs="1" name="PaidDate" type="xs:dateTime"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Reason" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="CustomReason" type="xs:string"/>
    <xs:element minOccurs="1" maxOccurs="1" name="IsSumOfInstalments"
type="xs:boolean"/>
    <xs:element minOccurs="1" maxOccurs="1" name="TotalDebtPLN" type="xs:decimal"/>
    <xs:element minOccurs="1" maxOccurs="1" name="PaidDebtPLN" type="xs:decimal"/>
  </xs:sequence>
  <xs:attribute name="category" type="xs:int" use="required"/>
  <xs:attribute name="subcategory" type="xs:int"/>
</xs:complexType>
```

6.1.10. Type: PProvider

An element of this type is used to return information about the person providing the information about the paid obligations. It can assume one of the three accepted values:

- *LegalPerson* – when a legal person or an institution are the provider, type: *LegalPersonPProvider*,
- *Entrepreneur* – when the provider is a person conducting a one-man business activity, type: *EntrepreneurPProvider*,

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- *Consumer* – when the provider is a consumer, type: *ConsumerPProvider*.

Additionally, it contains the following attributes:

- *Category* – specifying the identification number of the provider industry category.

The field contains specific numerical values for which a dictionary has been developed, which is available on Customer request. Values in this field appear after enabling the permissions, according to business arrangements.

```
<xs:complexType name="PProvider">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="LegalPerson"
type="tns:LegalPersonPProvider"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Entrepreneur"
type="tns:EntrepreneurPProvider"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Consumer"
type="tns:ConsumerPProvider"/>
    </xs:choice>
  </xs:sequence>
  <xs:attribute name="category" type="xs:int" use="required"/>
</xs:complexType>
```

6.1.11. Type: LegalPersonPProvider

An element of this type contains data of a company or an institution. It consists of the following elements:

- *IdentityNumber* – specifying the identification number, type: *NonConsumerIdentityNumber*,
- *Name* – specifying the name of the company or the institution,
- *SeatAddress* – specifying the seat address, type: *Address*,
- *Branch* – defining the branch in which the company or the institution conduct their activity,
- *Ekd* – defining the NACE (EKD) number.

```
<xs:complexType name="LegalPersonPProvider">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SeatAddress" type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Branch" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Ekd" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

6.1.12. Type: EntrepreneurPProvider

An element of this type contains the data of a person conducting a one-man business. It consists of the following elements:

- *IdentityNumber* – specifying the identification number, type: *NonConsumerIdentityNumber*,
- *Name* – specifying the name of the business,

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- *SeatAddress* – specifying the seat address, type: *Address*,
- *LivingAddress* – specifying the residence address, type: *Address*,
- *CorrespondenceAddress* – specifying the mailing address, type: *Address*,
- *Branch* – defining the branch in which the company or the institution conduct their activity,
- *Ekd* – defining the NACE (EKD) number.

```
<xs:complexType name="EntrepreneurPProvider">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SeatAddress" type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="LivingAddress" type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="CorrespondenceAddress"
type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Branch" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Ekd" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

6.1.13. Type: ConsumerPProvider

No elements of this type are currently used in the system.

```
<xs:complexType name="ConsumerPProvider"/>
```

6.1.14. Type: Subject

An element of this type is used to return information about an entity who paid an obligation. It can assume one of the three accepted values:

- *LegalPerson* – when a legal person or an institution are the entity, type: *LegalPersonSubject*,
- *Entrepreneur* – when the entity is a person conducting a one-man business activity, type: *EntrepreneurSubject*,
- *Consumer* – when the entity is a consumer, type: *ConsumerSubject*.

```
<xs:complexType name="Subject">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="LegalPerson"
type="tns:LegalPersonSubject"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Entrepreneur"
type="tns:EntrepreneurSubject"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Consumer"
type="tns:ConsumerSubject"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

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6.1.15. Type: LegalPersonSubject

An element of this type is used to submit information about an entity who is a legal person or an institution. It consists of the following elements:

- *IdentityNumber* – specifying the identification number, type: *NonConsumerIdentityNumber*,
- *Name* – specifying the name of the company or the institution,
- *SeatAddress* – specifying the seat address, type: *Address*.

```
<xs:complexType name="LegalPersonSubject">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SeatAddress" type="tns:Address"/>
  </xs:sequence>
</xs:complexType>
```

6.1.16. Type: EntrepreneurSubject

An element of this type is used to submit the information about a person running a one-man business. It consists of the following elements:

- *IdentityNumber* – specifying the identification number, type: *NonConsumerIdentityNumber*,
- *Name* – specifying the name,
- *SeatAddress* – specifying the seat address, type: *Address*,
- *CorrespondenceAddress* – specifying the mailing address, type: *Address*.

```
<xs:complexType name="EntrepreneurSubject">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SeatAddress" type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="CorrespondenceAddress"
type="tns:Address"/>
  </xs:sequence>
</xs:complexType>
```

6.1.17. Type: ConsumerSubject

An element of this type is used to submit information about an entity who is a consumer. It consists of the following elements:

- *IdentityNumber* – specifying the identification number, type: *ConsumerIdentityNumber*,
- *FirstName* – specifying the first name of the consumer,
- *SecondName* – specifying the middle name of the consumer,
- *Surname* – specifying the surname of the consumer.
- *Address* – specifying the address of the consumer, type: *Address*.
- *AddressForMail* – specifying mailing address of the consumer, type: *Address*.

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```
<xs:complexType name="ConsumerSubject">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:ConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="FirstName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SecondName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Surname" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Address" type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="AddressForMail" type="tns:Address"/>
  </xs:sequence>
</xs:complexType>
```

6.1.18. Type: InformationDisclosureResponse

This is the main element of the response containing economic information report. It contains the following elements:

- *DisclosureReport* – disclosed economic information report.

```
<xs:element name="InformationDisclosureResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DisclosureReport"
type="tns:DisclosureReport"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

6.1.19. Type: DisclosureReport

An element of this type contains a report of the disclosed economic information. It contains the following elements:

- *Number* – number of the report,
- *Created* – date of creation of the report,
- *SearchCriterion* – the criterion of information search,
- *Requester* – the entity requesting for economic information,
- *Summary* – a summary of information about the unpaid obligations,
- *PositiveInformationSummary* – a summary of the information about the paid obligations,
- *Report* – a detailed report on the obligations.

```
<xs:complexType name="DisclosureReport">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Number" type="xs:string"/>
    <xs:element minOccurs="1" maxOccurs="1" name="Created" type="xs:dateTime"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SearchCriterion"
type="tns:SearchCriterion"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Requester" type="tns:Requester"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Summary" type="tns:Summary"/>
    <xs:element minOccurs="0" maxOccurs="1" name="PositiveInformationSummary"
type="tns:PositiveInformationSummary"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Report" type="tns:Report"/>
  </xs:sequence>
</xs:complexType>
```

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```
</xs:sequence>
</xs:complexType>
```

6.1.20. Type: SearchCriterion

An element of this type contains the search criteria submitted by the requesting entity. It contains the following elements:

- *NonConsumerIdentityNumber* – a non-consumer identity number,
- *ConsumerIdentityNumber* – a consumer identity number,
- *Name* – name of the debtor,
- *AuthorizationDate* – date of authorization to disclose his/her data issued by a consumer,
- *SearchType* – search type (simple search, searching for oneself),
- *SearchCriterionType* – search criterion type.

```
<xs:complexType name="SearchCriterion">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="NonConsumerIdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="ConsumerIdentityNumber"
type="tns:ConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="AuthorizationDate"
type="xs:dateTime"/>
    <xs:element minOccurs="1" maxOccurs="1" name="SearchType" type="tns:SearchType"/>
    <xs:element minOccurs="1" maxOccurs="1" name="SearchCriterionType"
type="tns:SearchCriterionType"/>
  </xs:sequence>
</xs:complexType>
```

6.1.21. Type: NonConsumerIdentityNumber

An element of this type contains the search criteria of an entity being a non-consumer. It consists of one of the following elements:

- *TaxId* – tax identification number of the entity,
- *Custom* – a different identification number.

```
<xs:complexType name="NonConsumerIdentityNumber">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="TaxId" type="xs:string"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Custom" type="tns:CustomNumber"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

6.1.22. Type: CustomNumber

An element of this type contains a different identification number defined by the user. It is extended with the *type* attribute containing the name of the identifier.

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```
<xs:complexType name="CustomNumber">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="type" type="xs:string"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

6.1.23. Type: ConsumerIdentityNumber

An element of this type contains the search criteria of an entity being a consumer. It consists of one of the following elements:

- *Pesel* – PESEL number,
- *Custom* – a different identification number.

```
<xs:complexType name="ConsumerIdentityNumber">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="Custom" type="tns:CustomNumber"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Pesel" type="xs:string"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

6.1.24. Type: SearchType

Elements of this type contain information about the search type. It assumes one of the following values:

- *RegularSearch* – standard search,
- *SelfSearch* – self-search.

```
<xs:simpleType name="SearchType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="RegularSearch"/>
    <xs:enumeration value="SelfSearch"/>
  </xs:restriction>
</xs:simpleType>
```

6.1.25. Type: SearchCriterionType

Elements of this type contain information about the search criteria type. It assumes one of the following values:

- *Pesel* – PESEL number,
- *TaxId* – tax identification number,
- *Name* – name of the debtor,
- *OtherThanPesel* – other than PESEL number,
- *OtherThanTaxId* – other than NIP number.

```
<xs:simpleType name="SearchCriterionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Pesel"/>
  </xs:restriction>
</xs:simpleType>
```

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```
<xs:enumeration value="TaxId"/>
<xs:enumeration value="Name"/>
<xs:enumeration value="OtherThanPesel"/>
<xs:enumeration value="OtherThanTaxId"/>
</xs:restriction>
</xs:simpleType>
```

6.1.26. Type: Requester

Elements of this type contain information about the entity to whom economic information was disclosed.

It contains the following elements:

- *LoginFullName* – full name of the entity,
- *LoginName* – login of the entity

and one of the following elements:

- *LegalPerson* – legal person's data,
- *Entrepreneur* – entrepreneur's data,
- *Consumer* – consumer's data.

```
<xs:complexType name="Requester">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="LegalPerson"
type="tns:LegalPersonMin"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Consumer" type="tns:ConsumerMin"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Entrepreneur"
type="tns:EntrepreneurMin"/>
    </xs:choice>
    <xs:element minOccurs="0" maxOccurs="1" name="LoginFullName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="LoginName" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

6.1.27. Type: LegalPersonMin

An element of this type is used to present the minimum set of the data of a legal person. It contains the following elements:

- *Name* – name of the company,
- *IdentityNumber* – identity number,
- *SeatAddress* – seat address.

```
<xs:complexType name="LegalPersonMin">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SeatAddress" type="tns:Address"/>
  </xs:sequence>
</xs:complexType>
```


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6.1.28. Type: ConsumerMin

An element of this type is used to present the minimum set of the data of a consumer. It contains the following elements:

- *FirstName* – first name,
- *SecondName* – middle name,
- *Surname* – surname,
- *IdentityNumber* – identity number.

```
<xs:complexType name="ConsumerMin">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="FirstName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SecondName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Surname" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:ConsumerIdentityNumber"/>
  </xs:sequence>
</xs:complexType>
```

6.1.29. Type: EntrepreneurMin

An element of this type is used to present the minimum set of the data of an entrepreneur. It contains the following elements:

- *Name* – name of the company,
- *AddressForMail* – mailing address,
- *ResidenceAddress* – residence address,
- *SeatAddress* – seat address,
- *NonConsumerIdentityNumber* – identification number,
- *FirstName* – first name,
- *Surname* – surname.

```
<xs:complexType name="EntrepreneurMin">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="AddressForMail" type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="ResidenceAddress"
type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SeatAddress" type="tns:Address"/>
    <xs:element minOccurs="0" maxOccurs="1" name="NonConsumerIdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="FirstName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Surname" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

6.1.30. Type: Address

An element of this type is used to present the information about the address in lines. It contains the following elements:

- *Line* – a single line of the address.

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```
<xs:complexType name="Address">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="Line" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

6.1.31. Type: Summary

An element of this type is used to summarise the information about the unpaid obligations. It contains the following elements:

- *InformationCount* – total amount of economic information (total sum of unpaid obligations, using a forged document),
- *OInformationCount* – the number of elements containing detailed data of the disclosed economic information referring to the debt (only the total number of unpaid obligations is presented in this field),
- *DInformationCount* – total number of elements containing detailed data about the disclosed economic information referring to using a forged document (only the total number of a forged documents is presented in this field),
- *DebtorsCount* – the number of various cases where the obligations come from (case=debtor, cases are added by the creditors),
- *CreditorsCount* – the number of creditors for one debtor,
- *TotalArrears* – total amount of arrears.

```
<xs:complexType name="Summary">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" name="InformationCount" type="xs:int"/>
    <xs:element minOccurs="1" maxOccurs="1" name="OInformationCount" type="xs:int"/>
    <xs:element minOccurs="1" maxOccurs="1" name="DInformationCount" type="xs:int"/>
    <xs:element minOccurs="1" maxOccurs="1" name="DebtorsCount" type="xs:int"/>
    <xs:element minOccurs="1" maxOccurs="1" name="CreditorsCount" type="xs:int"/>
    <xs:element minOccurs="0" maxOccurs="1" name="TotalArrears" type="tns:Money"/>
  </xs:sequence>
</xs:complexType>
```

6.1.32. Type: PositiveInformationSummary

An element of this type is used to summarise the information about the paid obligations. It contains the following elements:

- *ProvidersCount* – the number of creditors for a particular contractor,
- *PaidObligationsCount* – the number of elements containing detailed data of the disclosed economic information referring to the paid debt (only the total number of paid obligations is presented in this field),
- *AveragePaidDebt* – the average amount of the paid obligations,
- *AveragePaymentTimeInDays* – the average number of days between the due date of the payment and the actual payment,
- *SumPaidDebt* – total amount of paid obligations.

```
<xs:complexType name="PositiveInformationSummary">
  <xs:sequence>
```

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```

<xs:element minOccurs="1" maxOccurs="1" name="ProvidersCount" type="xs:int"/>
<xs:element minOccurs="1" maxOccurs="1" name="PaidObligationsCount"
type="xs:int"/>
<xs:element minOccurs="1" maxOccurs="1" name="AveragePaidDebt" type="xs:decimal"/>
<xs:element minOccurs="1" maxOccurs="1" name="AveragePaymentTimeInDays"
type="xs:int"/>
<xs:element minOccurs="1" maxOccurs="1" name="SumPaidDebt" type="xs:decimal"/>
</xs:sequence>
</xs:complexType>

```

6.1.33. Type: Provider

An element of this type is used to present the debtor's data. It consists of one of the following elements:

- *Consumer* – when the creditor is a consumer,
- *Entrepreneur* – when the creditor is an entrepreneur,
- *LegalPerson* – when the creditor is a legal person.

Additionally, it contains the following attributes:

- *Category* – specifying the identification number of the provider industry category.

The field contains specific numerical values for which a dictionary has been developed, which is available on Customer request. Values in this field appear after enabling the permissions, according to business arrangements.

```

<xs:complexType name="Provider">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="Consumer" type="tns:Consumer"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Entrepreneur"
type="tns:Entrepreneur"/>
      <xs:element minOccurs="0" maxOccurs="1" name="LegalPerson"
type="tns:LegalPerson"/>
    </xs:choice>
  </xs:sequence>
  <xs:attribute name="category" type="xs:int" use="required"/>
</xs:complexType>

```

6.1.34. Type: Consumer

An element of this type is used to present the full consumer's data. It is an extension for the ConsumerMin type with extra elements:

- *Address* – residence address,
- *AddressForMail* – mailing address,
- *DocumentNumber* – an identity document of the consumer.

```

<xs:complexType name="Consumer">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:ConsumerMin">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="Address" type="tns:Address"/>
        <xs:element minOccurs="0" maxOccurs="1" name="AddressForMail"
type="tns:Address"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

```

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```

<xs:element minOccurs="0" maxOccurs="1" name="DocumentNumber"
type="tns:DocumentNumber"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

6.1.35. Type: DocumentNumber

An element of this type is used to submit information about a document. It contains the following elements:

- *Number* – numer dokumentu.

```

<xs:complexType name="DocumentNumber">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="1" name="Number" type="tns:CustomNumber"/>
</xs:sequence>
</xs:complexType>

```

6.1.36. Type: CustomNumber

An element of this type is used to submit information about type identifiers defined by the users. It is an extension of the *string* type with the *type* attribute containing the name of the identifier.

```

<xs:complexType name="CustomNumber">
<xs:simpleContent>
<xs:extension base="xs:string">
<xs:attribute name="type" type="xs:string"/>
</xs:extension>
</xs:simpleContent>
</xs:complexType>

```

6.1.37. Type: Entrepreneur

An element of this type is used to present the full entrepreneur's data. It is an extension for the EntrepreneurMin type with extra elements:

- *SecondName* – middle name,
- *ConsumerIdentityNumber* – identification number of the consumer,
- *DocumentNumber* – the number of the document,
- *RegistrationNumber* – registry number of the company,
- *RegistryName* – registry name,
- *Ekd* – EKD (NACE) number,
- *Regon* – Polish National Business Registry Number REGON,
- *Representatives* – representatives of the company.

```

<xs:complexType name="Entrepreneur">
<xs:complexContent mixed="false">
<xs:extension base="tns:EntrepreneurMin">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="1" name="SecondName" type="xs:string"/>

```

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```

<xs:element minOccurs="0" maxOccurs="1" name="ConsumerIdentityNumber"
type="tns:ConsumerIdentityNumber"/>
<xs:element minOccurs="0" maxOccurs="1" name="DocumentNumber"
type="tns:DocumentNumber"/>
<xs:element minOccurs="0" maxOccurs="1" name="RegistrationNumber"
type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="RegistryName" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="Ekd" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="Regon" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="Representatives"
type="tns:ArrayOfRepresentative"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

6.1.38. Type: ArrayOfRepresentative

An element of this type is used to submit the list of the entity's representatives. It contains the following elements:

- *Representative* – representative of the entity.

```

<xs:complexType name="ArrayOfRepresentative">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="unbounded" name="Representative"
type="tns:Representative"/>
</xs:sequence>
</xs:complexType>

```

6.1.39. Type: Representative

An element of this type is used to submit information about a person representing the company. It contains the following elements:

- *FirstName* – pierwsze imię,
- *SecondName* – drugie imię,
- *Surname* – nazwisko.

```

<xs:complexType name="Representative">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="1" name="FirstName" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="SecondName" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="Surname" type="xs:string"/>
</xs:sequence>
</xs:complexType>

```

6.1.40. Type: LegalPerson

An element of this type is used to submit full information about a company. It is an extension for the LegalPersonMin type with extra elements:

- *RegistrationNumber* – registry number of the company,
- *RegistryName* – registry name,
- *Regon* – Polish National Business Registry Number REGON,

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- *Representatives* – representatives of the company,
- *Ekd* – EKD (NACE) number,
- *Stakeholders* – information about the partners, authorised representatives, stakeholders, etc.

```
<xs:complexType name="LegalPerson">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:LegalPersonMin">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="RegistrationNumber"
type="xs:string"/>
        <xs:element minOccurs="0" maxOccurs="1" name="RegistryName" type="xs:string"/>
        <xs:element minOccurs="0" maxOccurs="1" name="Regon" type="xs:string"/>
        <xs:element minOccurs="0" maxOccurs="1" name="Persons"
type="tns:ArrayOfPerson"/>
        <xs:element minOccurs="0" maxOccurs="1" name="Representatives"
type="tns:ArrayOfRepresentative"/>
        <xs:element minOccurs="0" maxOccurs="1" name="Ekd" type="xs:string"/>
        <xs:element minOccurs="0" maxOccurs="1" name="Stakeholders"
type="tns:ArrayOfStakeholder"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

6.1.41. Type: ArrayOfPerson

An element of this type is used to present a list of the persons connected with the debtor (e.g. authorised representatives, proxies). It contains the following elements:

- *Person* – a person connected with the debtor.

```
<xs:complexType name="ArrayOfPerson">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="Person" type="tns:Person"/>
  </xs:sequence>
</xs:complexType>
```

6.1.42. Type: Person

An element of this type is used to inform about a person connected with the debtor. It contains the following elements:

- *FirstName* – first name,
- *SecondName* – middle name,
- *Surname* – surname,
- *OtherRole* – the role of the said person,
- *IdentityNumber* – identity number.

```
<xs:complexType name="Person">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="FirstName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SecondName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Surname" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="OtherRole" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

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```
<xs:element minOccurs="0" maxOccurs="1" name="IdentityNumber"
type="tns:ConsumerIdentityNumber"/>
</xs:sequence>
</xs:complexType>
```

6.1.43. Type: ArrayOfStakeholder

An element of this type is used to submit the list of partners, authorized representatives, stakeholders, etc. It contains the following elements:

- *Stakeholder* – data of a partner, authorised representative, stakeholder, etc.

```
<xs:complexType name="ArrayOfStakeholder">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="unbounded" name="Stakeholder"
type="tns:Stakeholder"/>
</xs:sequence>
</xs:complexType>
```

6.1.44. Type: Stakeholder

An element of this type is used to submit the data of partners, authorised representatives, stakeholders, etc. It contains the following elements:

- *Name* – name of the entity,
- *NonConsumerIdentityNumber* – identification number of the company,
- *FirstName* – first name,
- *SecondName* – middle name,
- *Surname* – surname,
- *ConsumerIdentityNumber* – identification number of the consumer,
- *DocumentNumber* – the number of the document,
- *RegistrationNumber* – registry number of the company,
- *RegistryName* – registry name,
- *Ekd* – EKD (NACE) number,
- *Regon* – Polish National Business Registry Number REGON,
- *AddressForMail* – mailing address of the entity,
- *Address* – address of the entity,
- *SeatAddress* – seat address of the company,
- *Persons* – an element containing a list of persons connected with the company, e.g. authorised representatives, proxies, etc.,
- *Representatives* – a list of persons representing the company.

```
<xs:complexType name="Stakeholder">
<xs:sequence>
<xs:element minOccurs="0" maxOccurs="1" name="Name" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="NonConsumerIdentityNumber"
type="tns:NonConsumerIdentityNumber"/>
<xs:element minOccurs="0" maxOccurs="1" name="FirstName" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="SecondName" type="xs:string"/>
```

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```

<xs:element minOccurs="0" maxOccurs="1" name="Surname" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="ConsumerIdentityNumber"
type="tns:ConsumerIdentityNumber"/>
<xs:element minOccurs="0" maxOccurs="1" name="DocumentNumber"
type="tns:DocumentNumber"/>
<xs:element minOccurs="0" maxOccurs="1" name="RegistrationNumber"
type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="RegistryName" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="Ekd" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="Regon" type="xs:string"/>
<xs:element minOccurs="0" maxOccurs="1" name="AddressForMail" type="tns:Address"/>
<xs:element minOccurs="0" maxOccurs="1" name="Address" type="tns:Address"/>
<xs:element minOccurs="0" maxOccurs="1" name="SeatAddress" type="tns:Address"/>
<xs:element minOccurs="0" maxOccurs="1" name="Persons" type="tns:ArrayOfPerson"/>
<xs:element minOccurs="0" maxOccurs="1" name="Representatives"
type="tns:ArrayOfRepresentative"/>
</xs:sequence>
</xs:complexType>

```

6.1.45. Type: Debtor

An element of this type is used to submit information about a debtor. It consists of one of the following elements:

- *LegalPerson* – data of the company,
- *Entrepreneur* – data of the entrepreneur,
- *Consumer* – consumer's data.

```

<xs:complexType name="Debtor">
  <xs:sequence>
    <xs:choice minOccurs="1" maxOccurs="1">
      <xs:element minOccurs="0" maxOccurs="1" name="LegalPerson"
type="tns:LegalPerson"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Consumer" type="tns:Consumer"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Entrepreneur"
type="tns:Entrepreneur"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>

```

6.1.46. Type: SearchRegistryReportConsumerRequest

It is the main inquiry element in the SearchRegistryReportConsumer method which contains the search criteria of the entity being a consumer about its inquiry register. It includes:

- *RegistryReportNumber* – GUID number generated by the authorised entity, used to receive reports in the method from stage 2 (GetGenericDisclosureReport),
- *Number* – a number identifying the consumer, e.g. PESEL number,
- *NumberType* – used to transfer number type; *tns:ConsumerNumberType* type; it can be assigned one of two values *Pesel* or *OtherNumber*.

```

<xs:complexType name="SearchRegistryReportConsumerRequest">
  <xs:complexContent mixed="false">
    <xs:extension base="AuthorizationRequestMessage">
      <xs:sequence>

```


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```

<xs:element minOccurs="1" maxOccurs="1" name="RegistryReportNumber"
xmlns:q1="http://microsoft.com/wsdl/types/" type="q1:guid"/>
<xs:element minOccurs="0" maxOccurs="1" name="Number" type="xs:string"/>
<xs:element minOccurs="1" maxOccurs="1" name="NumberType"
type="ConsumerNumberType"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

6.1.47. Type: SearchRegistryReportNonConsumerRequest

It is the main inquiry element in the SearchRegistryReportNonConsumer method, which contains the search criteria of the entity being a non-consumer about its inquiry register. It includes:

- *RegistryReportNumber* – GUID number, which identifies the inquiry for inquiry register disclosure which is used to acquire detailed reports in stage 2 (e.g. 693cfbe5-d0c5-4a7a-9c2c-d77f7cd51feb),
- *Number* – a number identifying the entity, e.g. NIP number,
- *NumberType* – used to transfer number type; *tns:ConsumerNumberType* type; it can be assigned one of two values *Pesel* or *OtherNumber*.

```

<xs:complexType name="SearchRegistryReportNonConsumerRequest">
<xs:complexContent mixed="false">
<xs:extension base="AuthorizationRequestMessage">
<xs:sequence>
<xs:element minOccurs="1" maxOccurs="1" name="RegistryReportNumber"
xmlns:q1="http://microsoft.com/wsdl/types/" type="q1:guid"/>
<xs:element minOccurs="0" maxOccurs="1" name="Number" type="xs:string"/>
<xs:element minOccurs="1" maxOccurs="1" name="NumberType"
type="NonConsumerNumberType"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

6.1.48. Type: RegistryRegistryReportResponse

It is the main response element of methods SearchRegistryReportConsumer and SearchRegistryReportNonConsumer from inquiry register disclosure operations. It includes:

- *RegistryReportNumber* – GUID number sent by the authorised entity upon inquiry,
- *Created* – response creation date,
- *SearchCriterion* – entity search criteria,
- *Requester* – data of the authorised entity which sent the inquiry,
- *DisclosureReportBriefs* – list of summarised reports of DisclosureReportBrief type.

```

<xs:complexType name="RegistryReportResponse">
<xs:complexContent mixed="false">
<xs:extension base="AuthorizationResponseMessage">
<xs:sequence>
<xs:element minOccurs="1" maxOccurs="1" name="RegistryReportNumber"
xmlns:q1="http://microsoft.com/wsdl/types/" type="q1:guid"/>

```

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```

<xs:element minOccurs="1" maxOccurs="1" name="Created" type="xs:dateTime"/>
<xs:element minOccurs="0" maxOccurs="1" name="SearchCriterion"
type="IncognitoRegistryReportSearchCriterion"/>
<xs:element minOccurs="0" maxOccurs="1" name="Requester" type="Requester"/>
<xs:element minOccurs="0" maxOccurs="1" name="DisclosureReportBriefs"
type="ArrayOfDisclosureReportBrief"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

6.1.49. Type: GenericDisclosureReportRequest

It is an inquiry element of the GetGenericDisclosureReport method from the inquiry register disclosure operation. It includes:

- *RegistryReportNumber* – GUID generated by the authorised entity during the execution of an inquiry from stage 1 of the inquiry register disclosure operation (SearchRegistryReportConsumer and SearchRegistryReportNonConsumer),
- *GenericDisclosureReportNumber* – report number received in response to methods SearchRegistryReportConsumer or SearchRegistryReportNonConsumer.

```

<xs:complexType name="GenericDisclosureReportRequest">
  <xs:complexContent mixed="false">
    <xs:extension base="AuthorizationRequestMessage">
      <xs:sequence>
        <xs:element minOccurs="1" maxOccurs="1" name="RegistryReportNumber"
xmlns:q1="http://microsoft.com/wsdl/types/" type="q1:guid"/>
        <xs:element minOccurs="0" maxOccurs="1" name="GenericDisclosureReportNumber"
type="xs:string"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

```

6.1.50. Type: GenericDisclosureReportResponse

It is a main response element of the GetGenericDisclosureReport method from the inquiry register disclosure operation. It includes:

- *DisclosureReport* – detailed report containing economic information of an entity,
- *SimpleDisclosureReport* – simplified report containing information whether a given entity has unpaid obligations,
- *DebtExceedReport* – returned economic information on the existence of unpaid liabilities over 2.000 PLN / 0.05% of annual revenue.

```

<xs:complexType name="GenericDisclosureReportResponse">
  <xs:complexContent mixed="false">
    <xs:extension base="AuthorizationResponseMessage">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="DisclosureReport"
type="DisclosureReport"/>
        <xs:element minOccurs="0" maxOccurs="1" name="SimpleDisclosureReport"
type="SimpleDisclosureReport"/>
        <xs:element minOccurs="0" maxOccurs="1" name="DebtExceedReport" type="
DebtExceedReport "/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

```

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```

</xs:extension>
</xs:complexContent>
</xs:complexType>

```

6.1.51. Type: DisclosureReportBrief

It is a type representing a summarised for of a report containing economic information about an entity. It includes:

- *Number* – report number,
- *NegativeInformationCount* – number of unpaid obligations,
- *PositiveInformationCount* – number of paid obligations,
- *RequesterName* – name of entity inquiring about economic information,
- *RequesterAddress* – address of an entity inquiring about economic information.

```

<xs:complexType name="DisclosureReportBrief">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Number" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="NegativeInformationCount"
nillable="true" type="xs:int"/>
    <xs:element minOccurs="0" maxOccurs="1" name="PositiveInformationCount"
nillable="true" type="xs:int"/>
    <xs:element minOccurs="0" maxOccurs="1" name="RequesterName" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="RequesterAddress"
type="xs:string"/>
  </xs:sequence>
</xs:complexType>

```

6.1.52. Type: IncognitoRegistryReportSearchCriterion

It is a type representing search criteria of an entity used during an inquiry register disclosure operation. It includes:

- *NonConsumerIdentityNumber* – a number identifying an entity being a non-consumer (e.g. NIP),
- *ConsumerIdentityNumber* – a number identifying an entity being a consumer (e.g. PESEL),
- *SearchCriterionType* – type of search criteria.

```

<xs:complexType name="IncognitoRegistryReportSearchCriterion">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="NonConsumerIdentityNumber"
type="NonConsumerIdentityNumber"/>
    <xs:element minOccurs="0" maxOccurs="1" name="ConsumerIdentityNumber"
type="ConsumerIdentityNumber"/>
    <xs:element minOccurs="1" maxOccurs="1" name="SearchCriterionType"
type="xs:int"/>
  </xs:sequence>
</xs:complexType>

```

6.1.53. Type: SimpleDisclosureReport

A simplified version of a report, containing economic information which determines whether an entity has unpaid obligations. It includes:

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- *Number* – report number,
- *Created* – report creation date,
- *SearchCriterion* – entity search criteria,
- *Requester* – an entity inquiring about economic information,
- *ObligationsInformationsExists* – true/false value determining whether an entity has unpaid obligations.

```
<xs:complexType name="SimpleDisclosureReport">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Number" type="xs:string"/>
    <xs:element minOccurs="1" maxOccurs="1" name="Created" type="xs:dateTime"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SearchCriterion"
type="SearchCriterion"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Requester" type="Requester"/>
    <xs:element minOccurs="1" maxOccurs="1" name="ObligationsInformationsExists"
type="xs:boolean"/>
  </xs:sequence>
</xs:complexType>
```

6.1.54. Type: DebtExceedReport

Economic information on the existence of unpaid liabilities over 2.000 PLN / 0.05% of annual revenue. An element of this type contains the following sub-elements:

- *Number* – report number,
- *Created* – report creation date,
- *SearchCriterion* – entity search criteria,
- *Requester* – an entity inquiring about economic information,
- *IsDebtExceeded* – true/false value specifying whether the entity had unpaid liabilities.

```
<xs:complexType name="DebtExceedReport">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Number" type="xs:string"/>
    <xs:element minOccurs="1" maxOccurs="1" name="Created" type="xs:dateTime"/>
    <xs:element minOccurs="0" maxOccurs="1" name="SearchCriterion"
type="SearchCriterion"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Requester" type="Requester"/>
    <xs:element minOccurs="1" maxOccurs="1" name="IsDebtExceeded"
type="xs:boolean"/>
  </xs:sequence>
</xs:complexType>
```

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7. Errors returned in response

In the case of an error the client gets a response containing the SOAP Fault Element:

- The *faultcode* element contains error code.
- The *faultstring* element is supplemented with the error message.
- The *detail* element contains various types of errors defined below.

Any method available in the CASE service can give one of the three error types in response in the detail element:

- DefaultFault,
- SecurityFault,
- ValidationFault,
- EntityNotFoundFault,
- SchemaValidationFault.

An exemplary response with an error gave by the CHASE service:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <s:Fault>
      <faultcode>s:Client</faultcode>
      <faultstring xml:lang="pl-PL">The entered login data is incorrect.
    </faultstring>
    <detail>
      <SecurityFault id="3641afb4-3032-45b9-8f9b-d64ebb0f4826" code="1"
xmlns="http://krd.pl/Chase3.3/Fault" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
    </detail>
    </s:Fault>
  </s:Body>
</s:Envelope>
```

7.1. DefaultFault

DefaultFault is a type used by the types *SecurityFault* and *ValidationFault*.

This type has two attributes:

- *id* – error identifier of the guid type. It is necessary for the identification of the error and is a responsibility of KRD,
- *code* – error code of the int type.

```
<xs:complexType name="DefaultFault">
  <xs:attribute name="id" type="q1:guid" use="required"
xmlns:q1="http://microsoft.com/wsdl/types/" />
  <xs:attribute name="code" type="xs:int" use="required" />
</xs:complexType>
```

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The code attribute has the following values and types of errors:

- 0 – internal error of the KRD system.
- 1 – incorrect login data.
- 2 – no authorization to perform the operation.
- 3 – access denied.
- 13 – the submitted data are incorrect.
- 14 – the data of the request are incorrect (incorrect SOAP).
- 50 – no report with this number.
- 100 – the given transaction identifier for the given client does not exist.
An error reported after an attempt to close a transaction that does not exist.
- 101 – transaction already exists. An error reported when a request for a given client is being processed.

7.2. SecurityFault

The type contains the *DefaultFault* type. It represents the errors connected with lack of authorization or incorrect login data. It is reported in the case of security breach.

```
<xs:complexType name="SecurityFault">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:DefaultFault"/>
  </xs:complexContent>
</xs:complexType>
```

An exemplary response after submitting incorrect login data:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <s:Fault>
      <faultcode>s:Client</faultcode>
      <faultstring xml:lang="pl-PL">The entered login data is incorrect.
    </faultstring>
    <detail>
      <SecurityFault id="3641afb4-3032-45b9-8f9b-d64ebb0f4826" code="1"
        xmlns="http://krd.pl/Chase3.3/Fault" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
    </detail>
    </s:Fault>
  </s:Body>
</s:Envelope>
```

7.3. ValidationFault

The type contains the *DefaultFault* type. It represents errors connected with validation of the data submitted in a request. This type of error occurs when the submitted data are inconsistent with the WSDL schema or they do not satisfy the business rules (e.g. incorrect NIP number). In the *ValidationFault* there is the *ValidationFaultDetails* element containing the details of the validation error.

```
<xs:complexType name="ValidationFault">
```

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```
<xs:complexContent mixed="false">
  <xs:extension base="tns:DefaultFault">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ValidationDetails"
type="tns:ValidationFaultDetail"/>
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>
```

7.3.1. ValidationFaultDetail

The *ValidationFaultDetail* type contains the elements:

- *Key* – key,
- *Message* – message of the validation error. This element contains a collection of elements of the *ValidationDetailMessageText* type which contain the translations of the message to various languages. The `xml:lang` attribute informs about the language of the given message.

```
<xs:complexType name="ValidationFaultDetail">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Key" type="xs:string"/>
    <xs:element minOccurs="0" maxOccurs="1" name="Message"
type="tns:ValidationDetailMessageText"/>
  </xs:sequence>
</xs:complexType>
```

```
<xs:complexType name="ValidationDetailMessageText">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute ref="xml:lang" use="optional"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

An exemplary response with a validation error:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <s:Fault>
      <faultcode>s:Client</faultcode>
      <faultstring xml:lang="pl-PL">The entered data is incorrect. Check details
to find out more.</faultstring>
      <detail>
        <ValidationFault id="857bf883-b347-47a0-a0dd-8f0873f258f7" code="13"
xmlns="http://krd.pl/Chase3.3/Fault" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
          <ValidationDetails xmlns="http://krd.pl/Faults">
            <Key>AuthorizationDate</Key>
            <Message>'Authorization Date' should not be empty.</Message>
          </ValidationDetails>
          <ValidationDetails xmlns="http://krd.pl/Faults">
            <Key>AuthorizationDate</Key>
```

| | |
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```

    <Message>'Authorization Date' must be greater than '2014-05-12
13:54:31'.</Message>
  </ValidationDetails>
</ValidationFault>
</detail>
</s:Fault>
</s:Body>
</s:Envelope>

```

7.4. EntityNotFoundFault

The type contains the *DefaultFault* type. The returned report, with the specified number, does not exist in KRD. The error occurs during searching for the report in the KRD system, method: GetDisclosureReport. EntityNotFoundFault can contain the report identifier – EntityId.

```

<xs:complexType name="EntityNotFoundFault">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:DefaultFault">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="EntityId" type="xs:string"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

```

An exemplary response during searching for a report which does not exist:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <s:Fault>
      <faultcode>s:Client</faultcode>
      <faultstring xml:lang="pl-PL">No entity found.</faultstring>
      <detail>
        <EntityNotFoundFault id="df106a1e-fffa-4039-9bf2-71fc9128419c" code="50"
xmlns="http://krd.pl/Chase3.3/Fault" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"/>
      </detail>
    </s:Fault>
  </s:Body>
</s:Envelope>

```

7.5. SchemaValidationFault

This type of the returned error message occurs when the sent SOAP message is not consistent with the WSDL schema. It contains a collection of *Details* containing detailed information about the found errors.

```

<xs:complexType name="SchemaValidationFault">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:DefaultFault">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="Details" type="xs:
ArrayOfSchemaValidationFaultDetail"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>

```


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```

</xs:extension>
</xs:complexContent>
</xs:complexType>

```

7.5.1. SchemaValidationFaultDetail

It contains detailed data about the errors collected during validation under the WSDL schema. This element is defined as text with two attributes:

- *line*: the number of the line where the error occurred,
- *column*: the number (designation) of the column where the error occurred.

```

<xs:complexType name="ValidationFaultDetail">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="line" type="xs:int" use="required"/>
      <xs:attribute name="column" type="xs:int" use="required"/>
    </xs:extension>
  </xs:sequence>
</xs:complexType>

```

7.6. RegistryReportNotExistsFault

This type of error is returned by the GetGenericDisclosureReport method. It means that no inquiry on inquiry register disclosure with GUID number provided by the client (RegistryReportNumber) exists in the KRD system. In other words it is a situation in which the client attempted to acquire a detailed report from the inquiry register but did not execute methods SearchRegistryReportConsumer or SearchRegistryReportNonConsumer beforehand or provided a number different from the one in those methods (number in RegistryReportNumber field in methods SearchRegistryReportConsumer/SearchRegistryReportNonConsumer and GetGenericDisclosureReport must be equal to properly receive the detailed report).

```

<xs:complexType name="RegistryReportNotExistsFault">
  <xs:complexContent mixed="false">
    <xs:extension xmlns:q1="http://krd.pl/Faults" base="q1:DefaultFault"/>
  </xs:complexContent>
</xs:complexType>

```

7.7. RegistryReportExpiredFault

This type of error is returned by the GetGenericDisclosureReport method. It means that the inquiry period for inquiry report disclosure has expired (14 days passes from the moment of sending inquiries SearchRegistryReportConsumer or SearchRegistryReportNonConsumer).

```

<xs:complexType name="RegistryReportExpiredFault">
  <xs:complexContent mixed="false">
    <xs:extension xmlns:q1="http://krd.pl/Faults" base="q1:DefaultFault"/>
  </xs:complexContent>
</xs:complexType>

```

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7.8. *ReportDoesNotExistFault*

This type of error is returned by the GetGenericDisclosureReport method. It means that the client tried to acquire the detailed report from an inquiry report which does not exist. A number (GenericDisclosureReportNumber) of a non-existing report has been provided.

```
<xs:complexType name="ReportDoesNotExistFault">  
  <xs:complexContent mixed="false">  
    <xs:extension xmlns:q1="http://krd.pl/Faults" base="q1:DefaultFault"/>  
  </xs:complexContent>  
</xs:complexType>
```

7.9. *RegistryReportNumberDuplicatedFault*

This type of error is returned by methods SearchRegistryReportNonConsumer/SearchRegistryReportConsumer. It means that an inquiry about inquiry report disclosure under the number provided (RegistryReportNumber) already exists. In order to properly execute the inquiry another GUID number has to be provided.

```
<xs:complexType name="RegistryReportNumberDuplicatedFault">  
  <xs:complexContent mixed="false">  
    <xs:extension xmlns:q1="http://krd.pl/Faults" base="q1:DefaultFault"/>  
  </xs:complexContent>  
</xs:complexType>
```

| | |
|--|------------------|
| Chase 3.3 | Version: 3.3.0 |
| Chase 3.3 – Technical specification 2023/IT-P/001 | Date: 2023-10-06 |

8. End points

The CHASE service in the 3.3 version to maintain compatibility with various clients' systems exposes two end points: DefaultEndpoint and WsHttpBindingEndpoint:

- DefaultEndpoint: this end point uses the binding of the basicHttpBinding and is consistent with the 1.1 version of the SOAP protocol. It should be used by the clients connecting via older systems not supporting SOAP 1.2 e.g. .NET 2.0 or older.
- WsHttpBindingEndpoint: this end point is fully consistent with the SOAP 1.2 specification and WS-Addressing. It makes use of the "wsHttpBinding".

8.1. *Disclosure of economic information*

End points for execution of economic information disclosure methods:

8.1.1. DefaultEndpoint

The address of this point is:

<https://services.krd.pl/Chase/3.3/Search.svc/basic>

8.1.2. WsHttpBindingEndpoint

The address of this point is:

<https://services.krd.pl/Chase/3.3/Search.svc/ws>

8.2. *Disclosure of economic information in incognito mode*

End points for execution of economic information disclosure methods in incognito mode by authorised entities:

8.2.1. DefaultEndpoint

The address of this point is:

<https://services.krd.pl/Chase/3.3/IncognitoSearch.svc/basic>

8.2.2. WsHttpBindingEndpoint

The address of this point is:

<https://services.krd.pl/Chase/3.3/IncognitoSearch.svc/ws>

| | |
|--|------------------|
| Chase 3.3 | Version: 3.3.0 |
| Chase 3.3 – Technical specification 2023/IT-P/001 | Date: 2023-10-06 |

8.3. Disclosure of inquiry register

End points for execution of inquiry register disclosure methods by authorised entities:

8.3.1. DefaultEndpoint

The address of this point is:

<https://services.krd.pl/Chase/3.3/IncognitoSearch.svc/basic>

8.3.2. WsHttpBindingEndpoint

The address of this point is:

<https://services.krd.pl/Chase/3.3/IncognitoSearch.svc/ws>

Document template: Normal.dotm v.3.3 2023-10-06; instruction: <NONE>

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