



TED eSenders support team

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TED Web Services for eSenders

Technical Specifications Document

Audience	TED eSenders wishing to send XML notices to the Publications Office
Abstract	This document details the procedures to send XML notices using Web services

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DOCUMENT HISTORY

<i>Version</i>	<i>Release Date</i>	<i>Description</i>
1.00	06/07/2011	Initial version
1.01	16/11/2011	Take into account the new format XSD 2.08.S02 for sending notices
1.02	18/06/2012	New parameter cover page added for the operation "Generate PDF Ted"
1.03	18/09/2012	New operation added "Generate HTML Ted"

TABLE OF CONTENTS

1	SCOPE.....	4
2	TED WEB SERVICES SUPPORTED BY PILOT PROJECT.....	6
2.1	NOTES AND CONSIDERATIONS.....	6
3	TED WEB SERVICES DEFINITION.....	7
3.1	PARSE NOTICE	7
3.2	SUBMIT NOTICE	8
3.3	GET NOTICE STATUS	10
3.4	GET NOTICE REPORT	12
3.5	GET NOTICES REPORT.....	15
3.6	GENERATE PDF REGULATION.....	19
3.7	GENERATE PDF TED	21
3.8	GENERATE HTML TED	24
4	ERROR HANDLING.....	27
4.1	GENERIC ERROR	27
4.2	SECURITY ERROR.....	27
4.3	SERVICE DISABLE	28
4.4	SERVICE ACCESS DENIED.....	29
4.5	SERVICE UNAVAILABLE.....	30
4.6	NOTICE NOT FOUND	30
4.7	UNSUPPORTED XSD VERSION	30
4.8	PARSING ERROR	31
4.9	INVALID <SENDER> TAG CONTENT	31
4.10	WRONG PARAMETERS.....	32
4.11	VALIDATION ERROR	32
5	WEB SERVICE SECURITY.....	34
	APPENDIX A: WSDL SPECIFICATION	36

1 Scope

During the autumn 2010 Publications Office made a new step in the quality of services offered to Contracting authorities. Going in the direction of the electronic procurement, the Office launched a possibility for eSenders to send their notices by the electronic means using TED Web Services.

The actual status of sending notices by eSenders can be described as follows:

- The electronic version of the tender notices are submitted using e-mail,
- Too much human interaction,
- Problems are solved by e-mails, phone, ...
- Problem solving is time consuming,
- Sometimes e-mails are lost,
- Sometimes the same notice is submitted twice (because of lack of the user's information),
- ...

Based on this fact, the new solution was elaborated by the Office using the Web services for the notices related communication. Objectives of this solution can be defined as follows:

- To offer the users new services,
- To replace the asynchronous e-mail protocol by a synchronous one through the web services,
- To speed up the response time,
- To develop a solution based on open standards,
- To ensure high level of the security.

In the beginning of 2011, the pilot phase of the aforementioned project is going live. For this phase, only a couple of eSenders will be involved into testing of services. Based on the feedback from them, the Office will start next year a new version of the project with enhanced functionality and at the same time, puts the existing services into production. This step will allow the access to the services for all interested eSenders.

There is a general constraint which is applied for the TED Web services:

The Publications Office is not responsible for the solution on the user's side. The role of the Office is to introduce services reachable by every authorised entity.

Based on these facts, the following picture outlines the general functionality of the TED Web Services and defines the Office’s responsibility at the one side and the eSenders responsibility at the other side.

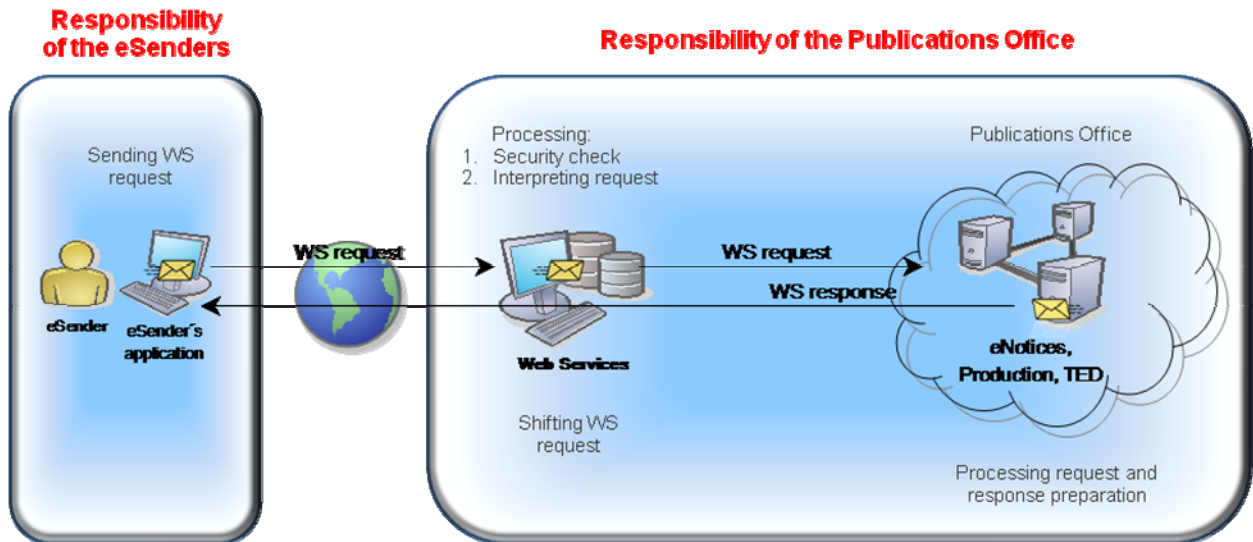


Figure 1 - How TED Web Services work

To whom this documents relates

This document is to be intended as a technical description of TED Web Services at the level of needed knowledge of eSenders who are involved into pilot phase. Based on this document they should be able to develop their client applications.

2 TED Web services supported by pilot project

For the pilot part of the TED Web Services the following services are accessible:

- Parse Notice;
- Submit Notice;
- Get Notice Status;
- Get Notice Report;
- Get Notices Report;
- Generate PDF Regulation;
- Generate PDF TED;

2.1 Notes and Considerations

The TED Web Services and the corresponding WSDL definition are accessible at the following addresses:

<https://webgate.acceptance.ec.europa.eu/enotices/eNoticeWs/ENoticeService-1.0>
<https://webgate.acceptance.ec.europa.eu/enotices/eNoticeWs/ENoticeService-1.0.wsdl>

The namespace in the SOAP request message example is currently set to:

```
xmlns:tns="http://service.ws.enotice.simap.eu.intl/"
```

The unique identifier for notices submitted by the TED-WS application is named "submissionId" and the format is:

```
submissionId = <esenderlogin>-<YYYYMMDD>-<n timer>
```

where: esenderlogin = Login of the eSender
YYYYMMDD = Date with format Year Month Day
n timer = sequential per day for submissions done by the eSender

sample: TED99-20110308-0001

The technical specifications needed for the eSenders to develop their client application are presented in the next chapter.

3 TED Web Services definition

3.1 Parse Notice

This operation is used for parsing an XML notice and generating a report that represent the parsing's result.

Description:

A user could send an XML file, in order to check if the XML file could be validated against the XML schema declared.

Web service method argument(s):

- **notice** : an XML file, encoded in base64.

Web service method result:

- **parsing result** : Parsing successful message.

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#) : in case the user is not allowed to access this service;
- [ERR_06](#) : in case the XSD version of the provided notice is not supported by the TED-WS application;
- [ERR_07](#) : in case the notice could not be parsed.

Sample request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.notice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-353" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:parseNoticeRequest>
      <type:notice>PD94bWwgdmVyc2lvcj0iMSJ...BVElPTj4NCgk9JTkZPUk1BVElPTj4=</type:notice>
    </type:parseNoticeRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample Valid response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-4" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T11:44:10.549Z</wsu:Created>
        <wsu:Expires>2011-06-16T11:49:10.549Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:parseNoticeResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:parsingResult>The notice has been successfully parsed</ns2:parsingResult>
    </ns2:parseNoticeResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Sample parsing fail response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">cvc-complex-type.2.4.b: The content of element 'FURTHER_INFORMATION' is not complete. One of '{IDEM, CONTACT_DATA}' is expected.
      </faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_07</ns3:errorCode>
          <ns3:errorDescription>cvc-complex-type.2.4.b: The content of element 'FURTHER_INFORMATION' is not complete. One of '{IDEM, CONTACT_DATA}' is expected.
          </ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

3.2 Submit Notice

This operation allows the user to submit a notice to the TED-WS application in order to publish it.

Description:

A user could submit a notice as an XML file. Once the notice is received by the TED-WS application, the XML file is validated against the XML schema declared.

If the validation is successful a unique submission id is generated and returned to the user.

Web service method argument(s):

- **notice** : an XML file encoded in base64.

Web service method result:

- **submission id** : the unique submission Id of the notice;
- **notice status** : the status of the notice.
 - **status code** : Code of the status(SUBMISSION_PENDING, SUBMITTED or PUBLISHED);
 - **status description** : Description of the status.

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#): in case the user is not allowed to access this service;
- [ERR_06](#): in case the XSD version of the provided notice is not supported by the TED-WS application;
- [ERR_07](#): in case the notice could not be parsed;
- [ERR_08](#) : in case the content of the <SENDER> tag is not valid.

Sample request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-352" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:submitNoticeRequest>
      <type:notice>PD94bWwgdmVyc2l2bWVj0iMS4wIiBlbmNvZGluZz.....0iV0FPgo=</type:notice>
    </type:submitNoticeRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample Valid response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-2" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T10:09:48.862Z</wsu:Created>
        <wsu:Expires>2011-06-16T10:14:48.862Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:submitNoticeResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:submissionId>wsconsumer-20110616-0003</ns2:submissionId>
      <ns2:noticeStatus>
        <ns2:statusCode>SUBMISSION_PENDING</ns2:statusCode>
      </ns2:noticeStatus>
    </ns2:submitNoticeResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

    <ns2:statusDescription>Acknowledgement of receipt. The notice is waiting for integration
  in the production system.</ns2:statusDescription>
  </ns2:noticeStatus>
</ns2:submitNoticeResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Sample parsing fail response:

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">cvc-complex-type.2.4.b: The content of element
  'FURTHER_INFORMATION' is not complete. One of '{IDEM, CONTACT_DATA}' is expected.</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
  xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_07</ns3:errorCode>
          <ns3:errorDescription>cvc-complex-type.2.4.b: The content of element
  'FURTHER_INFORMATION' is not complete. One of '{IDEM, CONTACT_DATA}' is
  expected.</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Sample invalid <SENDER> tag content response:

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">The eSender login 'TED14' in the tag <SENDER> of the
  input XML file does not match the TED-WS username 'wsconsumer'</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
  xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_08</ns3:errorCode>
          <ns3:errorDescription>The eSender login 'TED14' in the tag <SENDER> of the
  input XML file does not match the TED-WS username 'wsconsumer'</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.3 Get Notice Status

This operation allows a user to retrieve the status of a notice.

Description:

The user could retrieve the status of a notice at any time by providing the submission id of the notice.

Web service method argument(s):

- **submission id** : Submission Id of a notice.

Web service method result:

- **notice status** : Status of the corresponding notice:
 - **status code**: Code of the status (SUBMISSION_PENDING, SUBMITTED, PUBLISHED)
 - **status description** : Description of the status
 - SUBMISSION_PENDING: Acknowledgement of receipt. The notice is waiting for integration in the production system.
 - SUBMITTED: Integration of the notice succeeded and the publication process has started.
 - PUBLISHED: Notice has been published in the TED web site.

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#): in case the user is not allowed to access this service;
- [ERR_05](#): in case the submission id provided could not be found.

Sample request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-352" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText"> hereismypassword </wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:getNoticeStatusRequest>
      <type:submissionId>wsconsumer-20110612-0002</type:submissionId>
    </type:getNoticeStatusRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample Valid Submitted response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-2" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-15T21:07:51.676Z</wsu:Created>
        <wsu:Expires>2011-06-15T21:12:51.676Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
```

```
<SOAP-ENV:Body>
  <ns2:getNoticeStatusResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
    <ns2:noticeStatus>
      <ns2:statusCode>SUBMISSION_PENDING</ns2:statusCode>
      <ns2:statusDescription>Acknowledgement of receipt. The notice is waiting for integration
in the production system.</ns2:statusDescription>
    </ns2:noticeStatus>
  </ns2:getNoticeStatusResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

3.4 Get Notice Report

This operation allows a user to retrieve a notice report.

Description:

The user could retrieve a notice report by providing the submission id of the notice. The generated report contains the form type, the language, the no_doc_ext, the status, the official title; the no_doc_ojs, the OJS number, the submission date, the TED link, the publication date, and the report date of the notice.

Web service method argument(s):

- **submission id** : Submission Id of a notice.

Web service method result:

- **notice report** : A report about the corresponding notice containing the submission id as attribute.
 - **no doc ext** : notice no doc ext provided by the user during the submission;
 - **submission date** : timestamp when the notice has been submitted by the TED-WS application;
 - **report date** : timestamp when the report has been generated;
 - **form type** : form type of the notice (F01 to F19);
 - **languages** : list of languages of the notice;
 - **official titles** : list of official titles based on the languages of the notice and the main CPV code description of the notice. Each official title element contains the language in which the title is translated as attribute;
 - **notice status**: Status of the corresponding notice:
 - **status code** : Code of the status(SUBMISSION_PENDING, SUBMITTED or PUBLISHED);
 - **status description** : Description of the status.
 - **publication info** : all information related to publication on TED (if the notice has not been published this element does not exist in the response):
 - **ojs number** : ojs number of the document;
 - **publication date** : date when the notice has been published on TED;

- **no doc ojs** : notice no doc ojs;
- **ted links** : list of URLs of the notice on the TED website depending of the list of languages of the notice. Each ted link element contains the language of the notice as attribute;

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#) : in case the user is not allowed to access this service.

Sample request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-357" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:getNoticeReportRequest>
      <type:submissionId>wsconsumer-20110612-0002</type:submissionId>
    </type:getNoticeReportRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample Valid response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-7" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T12:07:13.706Z</wsu:Created>
        <wsu:Expires>2011-06-16T12:12:13.706Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:getNoticeReportResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:noticeReport submissionId="wsconsumer-20110612-0002">
        <ns2:noDocExt>2010-000001</ns2:noDocExt>
        <ns2:submissionDate>2011-06-12T18:57:04.220+02:00</ns2:submissionDate>
        <ns2:reportDate>2011-06-16+02:00</ns2:reportDate>
        <ns2:formType>F01</ns2:formType>
        <ns2:languages>
          <ns2:language>FR</ns2:language>
          <ns2:language>EN</ns2:language>
        </ns2:languages>
        <ns2:officialTitles>
          <ns2:officialTitle language="FR"> LU-Luxembourg: Produits de la
polyculture</ns2:officialTitle>
```

```

    <ns2:officialTitle language="EN"> LU-Luxembourg: Products of mixed
farming</ns2:officialTitle>
  </ns2:officialTitles>
  <ns2:noticeStatus>
    <ns2:statusCode>SUBMISSION_PENDING</ns2:statusCode>
    <ns2:statusDescription>Acknowledgement of receipt. The notice is waiting for
integration in the production system.</ns2:statusDescription>
  </ns2:noticeStatus>
</ns2:noticeReport>
</ns2:getNoticeReportResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Sample Valid response for published notice:

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-7" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T12:07:13.706Z</wsu:Created>
        <wsu:Expires>2011-06-16T12:12:13.706Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:getNoticeReportResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:noticeReport submissionId="wsconsumer-20110612-0002">
        <ns2:noDocExt>2010-000001</ns2:noDocExt>
        <ns2:submissionDate>2011-06-12T18:57:04.220+02:00</ns2:submissionDate>
        <ns2:reportDate>2011-06-16+02:00</ns2:reportDate>
        <ns2:formType>F01</ns2:formType>
        <ns2:languages>
          <ns2:language>FR</ns2:language>
          <ns2:language>EN</ns2:language>
        </ns2:languages>
        <ns2:officialTitles>
          <ns2:officialTitle language="FR"> LU-Luxembourg: Produits de la
polyculture</ns2:officialTitle>
          <ns2:officialTitle language="EN"> LU-Luxembourg: Products of mixed
farming</ns2:officialTitle>
        </ns2:officialTitles>
        <ns2:noticeStatus>
          <ns2:statusCode>PUBLISHED</ns2:statusCode>
          <ns2:statusDescription>Notice has been published in the TED web
site.</ns2:statusDescription>
        </ns2:noticeStatus>
        <ns2:publicationInfo>
          <ns2:ojsNumber>114</ns2:ojsNumber>
          <ns2:publicationDate>2011-06-16+02:00</ns2:publicationDate>
          <ns2:noDocOjs>2011/S 114-189005</ns2:noDocOjs>
          <ns2:tedLinks>
            <ns2:tedLink language="FR">http://ted.europa.eu/udl?uri=TED:NOTICE:189005-
2011:TEXT:FR:HTML</ns2:tedLink>
            <ns2:tedLink language="EN">http://ted.europa.eu/udl?uri=TED:NOTICE:189005-
2011:TEXT:EN:HTML</ns2:tedLink>
          </ns2:tedLinks>
        </ns2:publicationInfo>
      </ns2:noticeReport>
    </ns2:getNoticeReportResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.5 Get Notices Report

This operation allows retrieving a report of several notices based on criteria.

Description:

The user could generate and retrieves a report containing several notices by providing some search criteria. The user could specify an interval of time of maximum one month, to filter notices on the submission date or the publication date. The user could also specify the status of the notices.

Web service method argument(s):

- **submission date interval** : Submission date interval. Exclusive with **publication date interval**;
- **publication date interval** : Publication date interval. Exclusive with **submission date interval**;
- **status code** : Status code of notices to get reports. Optional.

Web service method result:

- **notices report** : a list of notice report about the matching notices containing the count of notices in the report as attribute.
- **notice report** : a report about the corresponding notice containing the submission id as attribute.
 - **no doc ext** : notice no doc ext provided by the user during the submission;
 - **submission date** : timestamp when the notice has been submitted by the TED-WS application;
 - **report date** : timestamp when the report has been generated;
 - **form type**: form type of the notice (F01 to F19);
 - **languages** : list of languages of the notice;
 - **official titles** : list of official titles based on the languages of the notice and the main CPV code description of the notice. Each official title element contains the language in which the title is translated as attribute;
 - **notice status** : Status of the corresponding notice:
 - **status code** : Code of the status (SUBMISSION_PENDING, SUBMITTED or PUBLISHED);
 - **status description** : Description of the status.
 - **publication info** : all information related to publication on TED (if the notice has not been published this element does not exist in the response):
 - **ojs number** : ojs number of the document;
 - **publication date** : date when the notice has been published on TED;
 - **no doc ojs** : notice no doc ojs;
 - **ted links** : list of URLs of the notice on the TED website depending of the list of languages of the notice. Each ted link element contains the language of the notice as attribute;

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#): in case the user is not allowed to access this service;
- [ERR_09](#) : in case the input parameters do not follow business rules.

Sample request using submission date and status:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-360" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:getNoticesReportRequest>
      <type:submissionDateInterval>
        <type:from>2011-05-15</type:from>
        <type:to>2011-06-15</type:to>
      </type:submissionDateInterval>
      <type:statusCode>SUBMITTED</type:statusCode>
    </type:getNoticesReportRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample Valid response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-13" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T12:54:54.362Z</wsu:Created>
        <wsu:Expires>2011-06-16T12:59:54.362Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:getNoticesReportResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:noticesReport count="3">
        <ns2:noticeReport submissionId="wsconsumer-20110612-0003">
          <ns2:noDocExt>2010-000001</ns2:noDocExt>
          <ns2:submissionDate>2011-06-12T18:57:04.220+02:00</ns2:submissionDate>
          <ns2:reportDate>2011-06-16+02:00</ns2:reportDate>
          <ns2:formType>F01</ns2:formType>
          <ns2:languages>
            <ns2:language>FR</ns2:language>
            <ns2:language>EN</ns2:language>
          </ns2:languages>
          <ns2:officialTitles>
            <ns2:officialTitle language="FR"> LU-Luxembourg: Produits de la
polyculture</ns2:officialTitle>
```



```

    <ns2:officialTitle language="EN"> LU-Luxembourg: Products of mixed
farming</ns2:officialTitle>
    </ns2:officialTitles>
    <ns2:noticeStatus>
    <ns2:statusCode>SUBMITTED</ns2:statusCode>
    <ns2:statusDescription>Integration of the notice succeeded and the publication
process has started.</ns2:statusDescription>
    </ns2:noticeStatus>
  </ns2:noticeReport>
  <ns2:noticeReport submissionId="wsconsumer-20110615-0001">
    <ns2:noDocExt>2010-000001</ns2:noDocExt>
    <ns2:submissionDate>2011-06-15T22:06:52.935+02:00</ns2:submissionDate>
    <ns2:reportDate>2011-06-16+02:00</ns2:reportDate>
    <ns2:formType>F01</ns2:formType>
    <ns2:languages>
    <ns2:language>FR</ns2:language>
    <ns2:language>EN</ns2:language>
    </ns2:languages>
    <ns2:officialTitles>
    <ns2:officialTitle language="FR"> LU-Luxembourg: Produits de la
polyculture</ns2:officialTitle>
    <ns2:officialTitle language="EN"> LU-Luxembourg: Products of mixed
farming</ns2:officialTitle>
    </ns2:officialTitles>
    <ns2:noticeStatus>
    <ns2:statusCode>SUBMITTED</ns2:statusCode>
    <ns2:statusDescription>Integration of the notice succeeded and the publication
process has started.</ns2:statusDescription>
    </ns2:noticeStatus>
  </ns2:noticeReport>
  <ns2:noticeReport submissionId="wsconsumer-20110612-0001">
    <ns2:noDocExt>2010-000001</ns2:noDocExt>
    <ns2:submissionDate>2011-06-12T18:45:38.424+02:00</ns2:submissionDate>
    <ns2:reportDate>2011-06-16+02:00</ns2:reportDate>
    <ns2:formType>F01</ns2:formType>
    <ns2:languages>
    <ns2:language>FR</ns2:language>
    <ns2:language>EN</ns2:language>
    </ns2:languages>
    <ns2:officialTitles>
    <ns2:officialTitle language="FR"> LU-Luxembourg: Produits de la
polyculture</ns2:officialTitle>
    <ns2:officialTitle language="EN"> LU-Luxembourg: Products of mixed
farming</ns2:officialTitle>
    </ns2:officialTitles>
    <ns2:noticeStatus>
    <ns2:statusCode>SUBMITTED</ns2:statusCode>
    <ns2:statusDescription>Integration of the notice succeeded and the publication
process has started.</ns2:statusDescription>
    </ns2:noticeStatus>
  </ns2:noticeReport>
</ns2:noticesReport>
</ns2:getNoticesReportResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Sample request using publication date and no status:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.ennotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-360" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>

```



```

<soapenv:Body>
  <type:getNoticesReportRequest>
    <type:publicationDateInterval>
      <type:from>2011-05-20</type:from>
      <type:to>2011-06-20</type:to>
    </type:publicationDateInterval>
  </type:getNoticesReportRequest>
</soapenv:Body>
</soapenv:Envelope>

```

Sample Valid response:

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-12" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T12:46:38.284Z</wsu:Created>
        <wsu:Expires>2011-06-16T12:51:38.284Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:getNoticesReportResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:noticesReport count="1">
        <ns2:noticeReport submissionId="wsconsumer-20110520-0002">
          <ns2:noDocExt>2011-029615</ns2:noDocExt>
          <ns2:submissionDate>2011-05-20T13:45:04.320+02:00</ns2:submissionDate>
          <ns2:reportDate>2011-06-16+02:00</ns2:reportDate>
          <ns2:formType>F15</ns2:formType>
          <ns2:languages>
            <ns2:language>FR</ns2:language>
            <ns2:language>EN</ns2:language>
          </ns2:languages>
          <ns2:officialTitles>
            <ns2:officialTitle language="FR"> LU-Luxembourg: Produits de la polyculture</ns2:officialTitle>
            <ns2:officialTitle language="EN"> LU-Luxembourg: Products of mixed farming</ns2:officialTitle>
          </ns2:officialTitles>
          <ns2:noticeStatus>
            <ns2:statusCode>PUBLISHED</ns2:statusCode>
            <ns2:statusDescription>Notice has been published in the TED web site.</ns2:statusDescription>
          </ns2:noticeStatus>
          <ns2:publicationInfo>
            <ns2:ojsNumber>114</ns2:ojsNumber>
            <ns2:publicationDate>2011-06-16+02:00</ns2:publicationDate>
            <ns2:noDocOjs>2011/S 114-189005</ns2:noDocOjs>
            <ns2:tedLinks>
              <ns2:tedLink language="FR">http://ted.europa.eu/udl?uri=TED:NOTICE:189005-2011:TEXT:FR:HTML</ns2:tedLink>
              <ns2:tedLink language="EN">http://ted.europa.eu/udl?uri=TED:NOTICE:189005-2011:TEXT:EN:HTML</ns2:tedLink>
            </ns2:tedLinks>
          </ns2:publicationInfo>
        </ns2:noticeReport>
      </ns2:noticesReport>
    </ns2:getNoticesReportResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.6 Generate PDF Regulation

This operation allows generating the PDF version of a notice as encoded in the forms of the eNotices application. All the forms options are displayed in the PDF generated.

Description:

The user could retrieve a PDF version of a notice as encoded in the forms of the eNotices application. The PDF is generated by the PDF Generator of the eNotices application. The user could provide the submission id of a notice already submit in the TED-WS application or an XML file of a notice.

Web service method argument(s):

- **notice** : an XML file, encoded in base64. Exclusive with **submission id**;
- **submission id** : Submission Id of a notice. Exclusive with **notice**;
- **language**: specify in which official language the notice should be generated. This parameter is not mandatory but, if not present, can lead to an error of the TED-WS system if the notice is multilingual and contains multiple languages.

Web service method result:

- **pdf** : Binary (BASE64) representation of the PDF document that represents a notice.

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#) : in case the user is not allowed to access this service;
- [ERR_04](#) : in case the PDF generator could not be reached;
- [ERR_06](#): in case the XSD version of the provided notice is not supported by the TED-WS application;
- [ERR_07](#) : in case the notice could not be parsed;
- [ERR_09](#) : in case multiple languages have been found on the multilingual notice and the language has not been provided as parameter.

Sample request using notice:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
</soapenv:Envelope>
```



```
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
  <type:generatePdfRegulationRequest>
    <type:notice>PD94bWwgdmVyc2lrbj0iMSCQkgICB...PU19JTkZPUk1BVElPTj4K</type:notice>
  </type:generatePdfRegulationRequest>
</soapenv:Body>
</soapenv:Envelope>
```

Sample request using multilingual notice and language parameter:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generatePdfRegulationRequest>
      <type:notice>PD94bWwgdmVyc2lrbj0iMSCQkgICB...PU19JTkZPUk1BVElPTj4K</type:notice>
      <type:language>FR</type:language>
    </type:generatePdfRegulationRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample request using submission Id:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-362" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generatePdfRegulationRequest>
      <type:submissionId>wsconsumer-20110612-0002</type:submissionId>
    </type:generatePdfRegulationRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-14" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T13:05:12.112Z</wsu:Created>
        <wsu:Expires>2011-06-16T13:10:12.112Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
```

```
<ns2:generatePdfRegulationResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
  <ns2:pdf>JVBERi0xLjQKJa...0YXJ0eHJlZgoxMzAzODAKJSVFT0YK</ns2:pdf>
</ns2:generatePdfRegulationResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Sample generation fail response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">Multiple languages have been detected in the notice sent:
FR,EN,NL. The language you want to use for the generation of the PDF must be
provided.</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_09</ns3:errorCode>
          <ns3:errorDescription> Multiple languages have been detected in the notice sent:
FR,EN,NL. The language you want to use for the generation of the PDF must be
provided.</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

3.7 Generate PDF Ted

This operation allows generating the PDF version of a notice as displayed in the TED website.

Description:

The user could retrieve a PDF version of a notice as displayed in the TED website. The PDF is generated by the TED-Services Viewer. The user could provide the submission id of a notice already submit in the TED-WS application or an XML file of a notice.

Web service method argument(s):

- **notice** : an XML file, encoded in base64. Exclusive with **submission id**;
- **submission id** : Submission Id of a notice. Exclusive with **notice**;
- **language**: specify in which official language the notice should be generated. This parameter is not mandatory but, if not present, can lead to an error of the TED-WS system if the notice is multilingual and contains multiple original languages.
- **cover page**: specify if the cover page should be generated. Possible values are YES or NO.

Web service method result:

- **pdf** : Binary (BASE64) representation of the PDF document that represents notice.

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#) : in case the user is not allowed to access this service;
- [ERR_04](#) : in case the TED-Services Viewer could not be reached;
- [ERR_06](#) : in case the XSD version of the provided notice is not supported by the TED-WS application;
- [ERR_07](#) : in case the notice could not be parsed;
- [ERR_09](#) : in case multiple original languages have been found on the multilingual notice and the language has not been provided as parameter.

Sample request using notice:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generatePdfTEDRequest>
      <type:notice>PD94bWwgdmVyc2lvcj0iMSCQkgICB...PU19JTkZPuk1BVElPTj4K</type:notice>
    </type:generatePdfTEDRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample request using multilingual notice and language parameter:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generatePdfTEDRequest>
      <type:notice>PD94bWwgdmVyc2lvcj0iMSCQkgICB...PU19JTkZPuk1BVElPTj4K</type:notice>
      <type:language>FR</type:language>
    </type:generatePdfTEDRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample request using submission Id:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
```



```

<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
  <wsse:UsernameToken wsu:Id="UsernameToken-362" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <wsse:Username>wsconsumer</wsse:Username>
    <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
  </wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
  <type:generatePdfTEDRequest>
    <type:submissionId>wsconsumer-20110612-0002</type:submissionId>
  </type:generatePdfTEDRequest>
</soapenv:Body>
</soapenv:Envelope>

```

Sample request using cover page parameter:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generatePdfTEDRequest>
      <type:notice>PD94bWwgdmVyc2lvbj0iMScQkqICB...PU19JTkZPuk1BVElPTj4K</type:notice>
      <type:coverPage>NO</type:coverPage>
    </type:generatePdfTEDRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

Sample response:

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-14" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T13:05:12.112Z</wsu:Created>
        <wsu:Expires>2011-06-16T13:10:12.112Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:generatePdfTEDResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:pdf>JVBERi0xLjQKJa...0YXJ0eHJlZgoxMzAzODAKJSVFTOYK</ns2:pdf>
    </ns2:generatePdfTEDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Sample generation fail response:

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>

```

```
<faultstring xml:lang="en">Multiple languages have been detected in the notice sent:
FR,EN,NL. The language you want to use for the generation of the PDF must be
provided.</faultstring>
<detail>
  <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
    <ns3:errorCode>ERR_09</ns3:errorCode>
    <ns3:errorDescription> Multiple languages have been detected in the notice sent:
FR,EN,NL. The language you want to use for the generation of the PDF must be
provided.</ns3:errorDescription>
  </ns3:applicationErrorFault>
</detail>
</SOAP-ENV:Fault>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

3.8 Generate HTML Ted

This operation allows generating the HTML version of a notice as displayed in the TED website.

Description:

The user could retrieve a HTML version of a notice as displayed in the TED website. The HTML is generated by the TED-Services Viewer. The user could provide the submission id of a notice already submit in the TED-WS application or an XML file of a notice.

Web service method argument(s):

- **notice** : an XML file, encoded in base64. Exclusive with **submission id**;
- **submission id** : Submission Id of a notice. Exclusive with **notice**;
- **language**: specify in which official language the notice should be generated. This parameter is not mandatory but, if not present, can lead to an error of the TED-WS system if the notice is multilingual and contains multiple original languages;
- **cover page**: specify if the cover page should be generated. Possible values are YES or NO.

Web service method result:

- **html** : Binary (BASE64) representation of the HTML document that represents notice.

Possible errors:

- [Validation error](#) : in case the request message is not valid;
- [ERR_00](#) : in case of unexpected error;
- [ERR_01](#) : in case of security error;
- [ERR_02](#) : in case the service is disabled;
- [ERR_03](#) : in case the user is not allowed to access this service;
- [ERR_04](#) : in case the TED-Services Viewer could not be reached;
- [ERR_06](#) : in case the XSD version of the provided notice is not supported by the TED-WS application;
- [ERR_07](#) : in case the notice could not be parsed;

- **ERR 09** : in case multiple original languages have been found on the multilingual notice and the language has not been provided as parameter.

Sample request using notice:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generateHtmlTEDRequest>
      <type:notice>PD94bWwgdmVyc2lvcj0iMSCQkgICB...PU19JTkZPUk1BVElPTj4K</type:notice>
    </type:generateHtmlTEDRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample request using multilingual notice and language parameter:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generateHtmlTEDRequest>
      <type:notice>PD94bWwgdmVyc2lvcj0iMSCQkgICB...PU19JTkZPUk1BVElPTj4K</type:notice>
      <type:language>FR</type:language>
    </type:generateHtmlTEDRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample request using submission Id:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-362" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generateHtmlTEDRequest>
      <type:submissionId>wsconsumer-20110612-0002</type:submissionId>
    </type:generateHtmlTEDRequest>
  </soapenv:Body>
```

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

Sample request using cover page parameter:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-361" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:generateHtmlTEDRequest>
      <type:notice>PD94bWwgdmVyc2l2bj0iMSCQkgICB...PUl9JTkZPuk1BVElPTj4K</type:notice>
      <type:coverPage>NO</type:coverPage>
    </type:generateHtmlTEDRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Sample response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header>
    <wsse:Security SOAP-ENV:mustUnderstand="1" xmlns:wsse="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <wsu:Timestamp wsu:Id="Timestamp-14" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsu:Created>2011-06-16T13:05:12.112Z</wsu:Created>
        <wsu:Expires>2011-06-16T13:10:12.112Z</wsu:Expires>
      </wsu:Timestamp>
    </wsse:Security>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <ns2:generateHtmlTEDResponse xmlns:ns2="http://type.ws.enotice.simap.eu/">
      <ns2:html>JVBERi0xLjQKJa...0YXJ0eHJlZgozMzAzODAKJSVFT0YK</ns2:html>
    </ns2:generateHtmlTEDResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Sample generation fail response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">Multiple languages have been detected in the notice sent:
FR,EN,NL. The language you want to use for the generation of the HTML must be
provided.</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_09</ns3:errorCode>
          <ns3:errorDescription> Multiple languages have been detected in the notice sent:
FR,EN,NL. The language you want to use for the generation of the HTML must be
provided.</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4 Error handling

4.1 Generic Error

Error Code: ERR_00.

Error Description: This error is return in case of unexpected error.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">[Generic error details]</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_00</ns3:errorCode>
          <ns3:errorDescription>[Generic error details]</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.2 Security Error

Error Code: ERR_01.

Error Description: This error is return in case of security error. For example, in case invalid security headers have been provided or bad credentials have been provided.

Sample of error response in case WS-Security headers have not been provided:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">No WS-Security header found</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_01</ns3:errorCode>
          <ns3:errorDescription>No WS-Security header found</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Sample of error response in case all required WS-Security headers have not been provided:



```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">Security processing failed (actions mismatch)</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/"
        <ns3:errorCode>ERR_01</ns3:errorCode>
        <ns3:errorDescription>Security processing failed (actions
mismatch)</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Sample of error response in case bad credentials have been provided in the WS-Security headers:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en"> Bad TED-WS credentials has been provided </faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/"
        <ns3:errorCode>ERR_01</ns3:errorCode>
        <ns3:errorDescription>Bad TED-WS credentials has been provided</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Sample of error response in case bad credentials have been provided to access eNotices application:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">The user has not provided correct credentials to access eNotices
application</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/"
        <ns3:errorCode>ERR_01</ns3:errorCode>
        <ns3:errorDescription>The user has not provided correct credentials to access eNotices
application</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.3 Service Disable

Error Code: ERR_02.

Error Description: Each Web Service operation can be (de)activated on the fly using the management console. When a client emits a request to access an operation provided by TED-WS, a check is performed in order to verify that corresponding operation is available.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">Service GetNoticeReport is disabled.</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/"
          <ns3:errorCode>ERR_02</ns3:errorCode>
          <ns3:errorDescription>Service GetNoticeReport is disabled.</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.4 Service Access Denied

Error Code: ERR_03.

Error Description: Each Web Service operation required a permission to execute it. When a client emits a request to access an operation provide by TED-WS, a check is performed in order to verify that provided user (identify by username and password) has access to the corresponding operation.

This error is return in case of an attempt to a service which is not allowed to the current user.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">You are not allowed to access the service
GetNoticeReport</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/"
          <ns3:errorCode>ERR_03</ns3:errorCode>
          <ns3:errorDescription>You are not allowed to access the service
GetNoticeReport</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.5 Service Unavailable

Error Code: ERR_04.

Error Description: This error is return in case of using an operation requiring a backend service (PDF generator, Ted-Services Viewer ...) and corresponding backend service is unavailable.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">[Service unavailable error details]</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_04</ns3:errorCode>
          <ns3:errorDescription>[Service unavailable error details]</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.6 Notice Not Found

Error Code: ERR_05.

Error Description: This error is return in case an operation is trying to retrieve a notice which does not exist.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">The system could not find any notice with submission id
wsconsumer-20110612-0012</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_05</ns3:errorCode>
          <ns3:errorDescription>The system could not find any notice with submission id
wsconsumer-20110612-0012</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.7 Unsupported XSD version

Error Code: ERR_06.

Error Description: This error is return when the XSD version applied to the input notice is not supported.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">This version of the XSD is not supported :
R2.0.6.S02.</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_06</ns3:errorCode>
          <ns3:errorDescription>This version of the XSD is not supported :
R2.0.6.S02.</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.8 Parsing Error

Error Code: ERR_07.

Error Description: This error is return when the parsing of a notice failed.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">[Parsing detail error]</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_07</ns3:errorCode>
          <ns3:errorDescription>[Parsing detail error]</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.9 Invalid <SENDER> tag Content

Error Code: ERR_08.

Error Description: This error is return in case the content of the <SENDER> tag of the provided notice is not valid. For example, if the esender login tag content of the sender tag does not match the TED-WS username used to submit a notice.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">The eSender login 'wsconsumer1' in the tag <SENDER> of the input XML file does not match the TED-WS username 'wsconsumer2'</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_08</ns3:errorCode>
          <ns3:errorDescription>The eSender login 'wsconsumer1' in the tag <SENDER> of the input XML file does not match the TED-WS username 'wsconsumer2'</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.10 Wrong Parameters

Error Code: ERR_09.

Error Description: This error is return when wrong parameters have been provided to invoke an operation.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">[Error description]t match the TED-WS username
'wsconsumer2'</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_09</ns3:errorCode>
          <ns3:errorDescription>[Error description]</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.11 Validation Error

Every incoming request is validated against an XML schema before to be processed. In case the incoming request validation failed an error response is sent containing the different validation errors.

This kind of errors does not have error code because the incoming request validation is made before the full Web Services processing.

Sample of error response:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Client</faultcode>
      <faultstring xml:lang="en">Validation error</faultstring>
      <detail>
        <tws:ValidationError xmlns:tws="http://client.ws.enotice.simap.eu/">cvc-pattern-valid:
Value 'wsconsumer-20110612-001' is not facet-valid with respect to pattern '[A-Za-z0-9\.\_]{5,8}-
(19|20)\d\d(0[1-9]|1[012])(0[1-9]|[12][0-9]|3[01])-[0-9]{3}[1-9]' for type
'submissionId'.</tws:ValidationError>
        <tws:ValidationError xmlns:tws="http://client.ws.enotice.simap.eu/">cvc-type.3.1.3: The
value 'wsconsumer-20110612-001' of element 'type:submissionId' is not
valid.</tws:ValidationError>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

5 Web Service security

The Web services are designed to expose business functionality in an interoperable and loosely coupled manner. While they have the potential to reap the benefits of a SOA infrastructure, they also introduce the risk of unauthorised access to the business assets. Therefore, it is important to secure them by limiting the access only to legitimate consumers in order to prevent confidentiality and integrity breaches.

One of the common approaches is the Username Token Profile in combination with HTTPS. The UsernameToken authentication is very similar to the HTTP authentication, where the user's credentials are passed in the message header. The UsernameToken is added to the SOAP header and it may optionally include a hash of the password. This is a weak form of encryption that only prevents submission of the password in clear format. The use of transport encryption (SSL) guarantees the confidentiality of the users' passwords.

For sample, with username *wsconsumer* and password *hereismypassword*, the SOAP header must look like:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://type.ws.enotice.simap.eu/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd">
      <wsse:UsernameToken wsu:Id="UsernameToken-352" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <wsse:Username>wsconsumer</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-
token-profile-1.0#PasswordText">hereismypassword</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <type:getNoticeStatusRequest>
      <type:submissionId>wsconsumer-20110612-0002</type:submissionId>
    </type:getNoticeStatusRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

If not, the response of the web service will be a SOAP fault message. For example, if the `<soap:Header>` element is omitted, the response will look like:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en">No WS-Security header found</faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_01</ns3:errorCode>
          <ns3:errorDescription>No WS-Security header found</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
```

```
</SOAP-ENV:Envelope>
```

If the credentials (the user and/or the password) are invalid, the return response will look like:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header />
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Server</faultcode>
      <faultstring xml:lang="en"> Bad TED-WS credentials has been provided </faultstring>
      <detail>
        <ns3:applicationErrorFault xmlns:ns3="http://exception.ws.enotice.simap.eu/"
xmlns:ns2="http://type.ws.enotice.simap.eu/">
          <ns3:errorCode>ERR_01</ns3:errorCode>
          <ns3:errorDescription>Bad TED-WS credentials has been provided</ns3:errorDescription>
        </ns3:applicationErrorFault>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Appendix A: WSDL Specification

```
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:tns="http://service.ws.enotice.simap.eu/" xmlns:sch0="http://type.ws.enotice.simap.eu/"
xmlns:schl="http://exception.ws.enotice.simap.eu/"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
targetNamespace="http://service.ws.enotice.simap.eu/">
  <wsdl:types>
    <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:exp="http://exception.ws.enotice.simap.eu/" xmlns:tw="http://type.ws.enotice.simap.eu/"
attributeFormDefault="unqualified" elementFormDefault="qualified"
targetNamespace="http://type.ws.enotice.simap.eu/">
      <xs:element name="getNoticeStatusRequest">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="submissionId" type="tw:submissionId" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="getNoticeStatusResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="noticeStatus" type="tw:noticeStatus" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="submitNoticeRequest">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="notice" type="xs:base64Binary">
              <xs:annotation>
                <xs:documentation>This element contains the notice as XML encoded in
base64</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="submitNoticeResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="submissionId" type="tw:submissionId" />
            <xs:element name="noticeStatus" type="tw:noticeStatus" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="parseNoticeRequest">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="notice" type="xs:base64Binary">
              <xs:annotation>
                <xs:documentation>This element contains the notice as XML encoded in
base64</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="parseNoticeResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="parsingResult" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="getNoticeReportRequest">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="submissionId" type="tw:submissionId" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
  </wsdl:types>

```



```
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="getNoticeReportResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="noticeReport" type="tws:noticeReport" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="getNoticesReportRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:choice>
        <xs:element name="submissionDateInterval" type="tws:dateInterval">
          <xs:annotation>
            <xs:documentation>The element represents an interval of date to retrieve
notices based on the submission date. This interval can not exceed 1 month.
            </xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="publicationDateInterval" type="tws:dateInterval">
          <xs:annotation>
            <xs:documentation>The element represents an interval of date to retrieve
notices based on the publication date. This interval can not exceed 1 month.
            </xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:choice>
      <xs:element minOccurs="0" name="statusCode" type="tws:statusCode" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="getNoticesReportResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="noticesReport">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="noticeReport" type="tws:noticeReport" minOccurs="0"
maxOccurs="unbounded" />
          </xs:sequence>
          <xs:attribute name="count" use="required" type="xs:int" />
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="generatePdfRegulationRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:choice>
        <xs:annotation>
          <xs:documentation>In order to generate the PDF regulation of a notice an XML file
encoded in base64, or the submission id of a notice could be provided.
          </xs:documentation>
        </xs:annotation>
        <xs:element name="notice" type="xs:base64Binary" />
        <xs:element name="submissionId" type="tws:submissionId" />
      </xs:choice>
      <xs:element name="language" type="tws:language" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="generatePdfRegulationResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="pdf" type="xs:base64Binary">
        <xs:annotation>
          <xs:documentation>This element contains the notice as PDF encoded in
base64</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```



```
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="generatePdfTEDRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:choice>
        <xs:annotation>
          <xs:documentation>In order to generate the PDF TED of a notice an XML file
encoded in base64, or the submission id of a notice could be provided.</xs:documentation>
        </xs:annotation>
        <xs:element name="notice" type="xs:base64Binary" />
        <xs:element name="submissionId" type="tws:submissionId" />
      </xs:choice>
      <xs:element name="language" type="tws:language" minOccurs="0" />
      <xs:element name="coverPage" type="tws:yes-no" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="generatePdfTEDResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="pdf" type="xs:base64Binary">
        <xs:annotation>
          <xs:documentation>This element contains the notice as PDF encoded in
base64</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="generateHtmlTEDRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:choice>
        <xs:annotation>
          <xs:documentation>In order to generate the HTML TED of a notice an XML file
encoded in base64, or the submission id of a notice could be provided.</xs:documentation>
        </xs:annotation>
        <xs:element name="notice" type="xs:base64Binary" />
        <xs:element name="submissionId" type="tws:submissionId" />
      </xs:choice>
      <xs:element name="language" type="tws:language" minOccurs="0" />
      <xs:element name="coverPage" type="tws:yes-no" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="generateHtmlTEDResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="html" type="xs:base64Binary">
        <xs:annotation>
          <xs:documentation>This element contains the notice as HTML encoded in
base64</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="getNoticesBeforePublicationRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="loginName" type="xs:string" />
      <xs:element name="password" type="xs:string" />
      <xs:element name="dateFrom" type="xs:date" />
      <xs:element name="dateTo" type="xs:date" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="getNoticesBeforePublicationResponse">
  <xs:complexType>
    <xs:sequence>
```



```
<xs:element name="noticesBeforePublication">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="notice" type="tws:noticeOutputDto" minOccurs="0"
maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="getNoticeBeforePublicationRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="loginName" type="xs:string" />
      <xs:element name="password" type="xs:string" />
      <xs:element name="noticeId" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="getNoticeBeforePublicationResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="notice" type="xs:base64Binary" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:complexType name="noticeOutputDto">
  <xs:sequence>
    <xs:element name="noticeId" type="xs:string" />
    <xs:element name="noticeOfficialTitle" type="xs:string" />
    <xs:element name="noticeStatus" type="xs:string" />
    <xs:element name="noticeTitle" type="xs:string" />
    <xs:element name="noticeType" type="xs:string" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="noticeStatus">
  <xs:sequence>
    <xs:element name="statusCode" type="tws:statusCode" />
    <xs:element name="statusDescription" type="xs:string" />
  </xs:sequence>
</xs:complexType>
<xs:simpleType name="statusCode">
  <xs:restriction base="xs:NMTOKEN">
    <xs:enumeration value="SUBMISSION_PENDING" />
    <xs:enumeration value="SUBMITTED" />
    <xs:enumeration value="PUBLISHED" />
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="dateInterval">
  <xs:annotation>
    <xs:documentation>This element represent an interval between two
dates.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element name="from" type="xs:date" />
    <xs:element name="to" type="xs:date" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="noticeReport">
  <xs:sequence>
    <xs:element name="noDocExt" type="xs:string" />
    <xs:element name="submissionDate" type="xs:dateTime" />
    <xs:element name="reportDate" type="xs:date" />
    <xs:element name="formType" type="xs:string" />
    <xs:element name="languages" type="tws:languages" maxOccurs="1" />
    <xs:element name="officialTitles" type="tws:officialTitles" maxOccurs="1" />
    <xs:element name="noticeStatus" type="tws:noticeStatus" />
    <xs:element name="publicationInfo" type="tws:publicationInfo" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="submissionId" use="required" type="tws:submissionId" />
</xs:complexType>
</xs:complexType name="publicationInfo">
```

```

    <xs:sequence>
      <xs:element name="ojsNumber" type="xs:string" />
      <xs:element name="publicationDate" type="xs:date" />
      <xs:element name="noDocOjs" type="xs:string" />
      <xs:element name="tedLinks" type="tws:tedLinks" maxOccurs="1" />
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="submissionId">
    <xs:restriction base="xs:string">
      <xs:pattern value="[A-Za-z0-9_]{5,17}-(19|20)\d\d(0[1-9]|1[012])(0[1-9]|1[12][0-9]|3[01])-[0-9]{4}" />
      <xs:annotation>
        <xs:documentation>Example of valid submission Id : ESENDERLOGIN-20110101-0001</xs:documentation>
      </xs:annotation>
    </xs:restriction>
  </xs:simpleType>
  <xs:complexType name="tedLinks">
    <xs:sequence>
      <xs:element name="tedLink" type="tws:tedLink" maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="tedLink" mixed="true">
    <xs:attribute name="language" use="required" type="tws:language" />
  </xs:complexType>
  <xs:complexType name="officialTitles">
    <xs:sequence>
      <xs:element name="officialTitles" type="tws:officialTitle" maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="officialTitle" mixed="true">
    <xs:attribute name="language" use="required" type="tws:language" />
  </xs:complexType>
  <xs:complexType name="languages">
    <xs:sequence maxOccurs="unbounded">
      <xs:element name="language" type="tws:language" />
    </xs:sequence>
  </xs:complexType>
  <xs:simpleType name="language">
    <xs:annotation>
      <xs:documentation>List of the 23 languages ISO code of the EU</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:NMTOKEN">
      <xs:enumeration value="BG" />
      <xs:enumeration value="CS" />
      <xs:enumeration value="DA" />
      <xs:enumeration value="DE" />
      <xs:enumeration value="ET" />
      <xs:enumeration value="EL" />
      <xs:enumeration value="EN" />
      <xs:enumeration value="ES" />
      <xs:enumeration value="FR" />
      <xs:enumeration value="GA" />
      <xs:enumeration value="IT" />
      <xs:enumeration value="LV" />
      <xs:enumeration value="LT" />
      <xs:enumeration value="HU" />
      <xs:enumeration value="MT" />
      <xs:enumeration value="NL" />
      <xs:enumeration value="PL" />
      <xs:enumeration value="PT" />
      <xs:enumeration value="RO" />
      <xs:enumeration value="SK" />
      <xs:enumeration value="SL" />
      <xs:enumeration value="FI" />
      <xs:enumeration value="SV" />
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="yes-no">
    <xs:annotation>
      <xs:documentation>The yes-no type is used for boolean-like attributes.</xs:documentation>
    </xs:annotation>
  </xs:simpleType>

```




```

    </xs:annotation>
    <xs:restriction base="xs:token">
      <xs:enumeration value="yes" />
      <xs:enumeration value="no" />
    </xs:restriction>
  </xs:simpleType>
</xs:schema>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:tns="http://exception.ws.enotice.simap.eu/" attributeFormDefault="unqualified"
elementFormDefault="qualified"
targetNamespace="http://exception.ws.enotice.simap.eu/">
  <xs:element name="applicationErrorFault">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="errorCode" type="tns:errorCode">
          <xs:annotation>
            <xs:documentation>This is the error code linked to the application
error</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="errorDescription" type="xs:string">
          <xs:annotation>
            <xs:documentation>This is the complete description of the application
error</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:simpleType name="errorCode">
    <xs:restriction base="xs:string">
      <xs:enumeration value="ERR_00">
        <xs:annotation>
          <xs:documentation>This is the code in case of general error</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ERR_01">
        <xs:annotation>
          <xs:documentation>This is the code in case of security error</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ERR_02">
        <xs:annotation>
          <xs:documentation>This is the code in case a service is disabled</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ERR_03">
        <xs:annotation>
          <xs:documentation>This is the code in case the user is not allowed to access this
service</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ERR_04">
        <xs:annotation>
          <xs:documentation>This is the code in case a service is
unavailable</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ERR_05">
        <xs:annotation>
          <xs:documentation>This is the code in case a notice has not been
found</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ERR_06">
        <xs:annotation>
          <xs:documentation>This is the code in case the XSD version is not
supported</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ERR_07">
        <xs:annotation>

```

```

    <xs:documentation>This is the code in case a notice could not be
parsed</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ERR_08">
  <xs:annotation>
    <xs:documentation>This is in case the content of the &lt;SENDER&gt; tag of the
submitted notice is not correct</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ERR_09">
  <xs:annotation>
    <xs:documentation>This is the code in case wrong parameters has been
provided</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:schema>
</wsdl:types>
<wsdl:message name="generatePdfTEDRequest">
  <wsdl:part element="sch0:generatePdfTEDRequest" name="generatePdfTEDRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="generateHtmlTEDRequest">
  <wsdl:part element="sch0:generateHtmlTEDRequest" name="generateHtmlTEDRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticesReportResponse">
  <wsdl:part element="sch0:getNoticesReportResponse" name="getNoticesReportResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticeBeforePublicationResponse">
  <wsdl:part element="sch0:getNoticeBeforePublicationResponse"
name="getNoticeBeforePublicationResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="parseNoticeResponse">
  <wsdl:part element="sch0:parseNoticeResponse" name="parseNoticeResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="submitNoticeRequest">
  <wsdl:part element="sch0:submitNoticeRequest" name="submitNoticeRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="generatePdfTEDResponse">
  <wsdl:part element="sch0:generatePdfTEDResponse" name="generatePdfTEDResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="generateHtmlTEDResponse">
  <wsdl:part element="sch0:generateHtmlTEDResponse" name="generateHtmlTEDResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="generatePdfRegulationRequest">
  <wsdl:part element="sch0:generatePdfRegulationRequest" name="generatePdfRegulationRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticeBeforePublicationRequest">
  <wsdl:part element="sch0:getNoticeBeforePublicationRequest"
name="getNoticeBeforePublicationRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticesBeforePublicationResponse">
  <wsdl:part element="sch0:getNoticesBeforePublicationResponse"
name="getNoticesBeforePublicationResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="submitNoticeResponse">
  <wsdl:part element="sch0:submitNoticeResponse" name="submitNoticeResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticeStatusRequest">
  <wsdl:part element="sch0:getNoticeStatusRequest" name="getNoticeStatusRequest">

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</wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticeReportResponse">
  <wsdl:part element="sch0:getNoticeReportResponse" name="getNoticeReportResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="parseNoticeRequest">
  <wsdl:part element="sch0:parseNoticeRequest" name="parseNoticeRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="generatePdfRegulationResponse">
  <wsdl:part element="sch0:generatePdfRegulationResponse" name="generatePdfRegulationResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticesReportRequest">
  <wsdl:part element="sch0:getNoticesReportRequest" name="getNoticesReportRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticeReportRequest">
  <wsdl:part element="sch0:getNoticeReportRequest" name="getNoticeReportRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="applicationErrorFault">
  <wsdl:part element="sch1:applicationErrorFault" name="applicationErrorFault">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticeStatusResponse">
  <wsdl:part element="sch0:getNoticeStatusResponse" name="getNoticeStatusResponse">
  </wsdl:part>
</wsdl:message>
<wsdl:message name="getNoticesBeforePublicationRequest">
  <wsdl:part element="sch0:getNoticesBeforePublicationRequest"
name="getNoticesBeforePublicationRequest">
  </wsdl:part>
</wsdl:message>
<wsdl:portType name="ENoticeServicePort">
  <wsdl:operation name="generatePdfTED">
    <wsdl:input message="tns:generatePdfTEDRequest" name="generatePdfTEDRequest">
    </wsdl:input>
    <wsdl:output message="tns:generatePdfTEDResponse" name="generatePdfTEDResponse">
    </wsdl:output>
    <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault">
    </wsdl:fault>
  </wsdl:operation>
  <wsdl:operation name="generateHtmlTED">
    <wsdl:input message="tns:generateHtmlTEDRequest" name="generateHtmlTEDRequest">
    </wsdl:input>
    <wsdl:output message="tns:generateHtmlTEDResponse" name="generateHtmlTEDResponse">
    </wsdl:output>
    <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault">
    </wsdl:fault>
  </wsdl:operation>
  <wsdl:operation name="getNoticesReport">
    <wsdl:input message="tns:getNoticesReportRequest" name="getNoticesReportRequest">
    </wsdl:input>
    <wsdl:output message="tns:getNoticesReportResponse" name="getNoticesReportResponse">
    </wsdl:output>
    <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault">
    </wsdl:fault>
  </wsdl:operation>
  <wsdl:operation name="getNoticeBeforePublication">
    <wsdl:input message="tns:getNoticeBeforePublicationRequest"
name="getNoticeBeforePublicationRequest">
    </wsdl:input>
    <wsdl:output message="tns:getNoticeBeforePublicationResponse"
name="getNoticeBeforePublicationResponse">
    </wsdl:output>
    <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault">
    </wsdl:fault>
  </wsdl:operation>
  <wsdl:operation name="parseNotice">
    <wsdl:input message="tns:parseNoticeRequest" name="parseNoticeRequest">
    </wsdl:input>
```



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<wsdl:output message="tns:parseNoticeResponse" name="parseNoticeResponse" />
</wsdl:output>
<wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault" />
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="submitNotice">
  <wsdl:input message="tns:submitNoticeRequest" name="submitNoticeRequest" />
</wsdl:input>
  <wsdl:output message="tns:submitNoticeResponse" name="submitNoticeResponse" />
</wsdl:output>
  <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault" />
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="generatePdfRegulation">
  <wsdl:input message="tns:generatePdfRegulationRequest" name="generatePdfRegulationRequest" />
</wsdl:input>
  <wsdl:output message="tns:generatePdfRegulationResponse"
name="generatePdfRegulationResponse" />
</wsdl:output>
  <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault" />
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getNoticesBeforePublication">
  <wsdl:input message="tns:getNoticesBeforePublicationRequest"
name="getNoticesBeforePublicationRequest" />
</wsdl:input>
  <wsdl:output message="tns:getNoticesBeforePublicationResponse"
name="getNoticesBeforePublicationResponse" />
</wsdl:output>
  <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault" />
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getNoticeStatus">
  <wsdl:input message="tns:getNoticeStatusRequest" name="getNoticeStatusRequest" />
</wsdl:input>
  <wsdl:output message="tns:getNoticeStatusResponse" name="getNoticeStatusResponse" />
</wsdl:output>
  <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault" />
</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getNoticeReport">
  <wsdl:input message="tns:getNoticeReportRequest" name="getNoticeReportRequest" />
</wsdl:input>
  <wsdl:output message="tns:getNoticeReportResponse" name="getNoticeReportResponse" />
</wsdl:output>
  <wsdl:fault message="tns:applicationErrorFault" name="applicationErrorFault" />
</wsdl:fault>
</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="ENoticeServicePortSoap11" type="tns:ENoticeServicePort">
  <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http" />
  <wsdl:operation name="generatePdfTED">
    <soap:operation soapAction="" />
    <wsdl:input name="generatePdfTEDRequest">
      <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output name="generatePdfTEDResponse">
      <soap:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="applicationErrorFault">
      <soap:fault name="applicationErrorFault" use="literal" />
    </wsdl:fault>
  </wsdl:operation>
  <wsdl:operation name="generateHtmlTED">
    <soap:operation soapAction="" />
    <wsdl:input name="generateHtmlTEDRequest">
      <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output name="generateHtmlTEDResponse">
      <soap:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="applicationErrorFault">
      <soap:fault name="applicationErrorFault" use="literal" />
    </wsdl:fault>
  </wsdl:operation>
</wsdl:binding>
</wsdl:service>
```



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</wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getNoticesReport">
  <soap:operation soapAction="" />
  <wsdl:input name="getNoticesReportRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="getNoticesReportResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getNoticeBeforePublication">
  <soap:operation soapAction="" />
  <wsdl:input name="getNoticeBeforePublicationRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="getNoticeBeforePublicationResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="parseNotice">
  <soap:operation soapAction="" />
  <wsdl:input name="parseNoticeRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="parseNoticeResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="submitNotice">
  <soap:operation soapAction="" />
  <wsdl:input name="submitNoticeRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="submitNoticeResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="generatePdfRegulation">
  <soap:operation soapAction="" />
  <wsdl:input name="generatePdfRegulationRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="generatePdfRegulationResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getNoticesBeforePublication">
  <soap:operation soapAction="" />
  <wsdl:input name="getNoticesBeforePublicationRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="getNoticesBeforePublicationResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
```

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</wsdl:operation>
<wsdl:operation name="getNoticeStatus">
  <soap:operation soapAction="" />
  <wsdl:input name="getNoticeStatusRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="getNoticeStatusResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
<wsdl:operation name="getNoticeReport">
  <soap:operation soapAction="" />
  <wsdl:input name="getNoticeReportRequest">
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output name="getNoticeReportResponse">
    <soap:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="applicationErrorFault">
    <soap:fault name="applicationErrorFault" use="literal" />
  </wsdl:fault>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="ENoticeServicePortService">
  <wsdl:port binding="tns:ENoticeServicePortSoap11" name="ENoticeServicePortSoap11">
    <soap:address location="http://localhost:8080/eNoticeWs/ENoticeService-1.0" />
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>
```