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Service Specification:

Integration and use of the service

**PresenceRegistration
Version 1.11 (*Validated Document*)**

into an external application

To the attention of: "IT expert" aiming to integrate this Service

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1. GOAL OF THE SERVICE

The service PresenceRegistration is a service for recording the presence of workers at the workplace by an employer and the consultation of such data by internal applications.

2. DOCUMENT MANAGEMENT

2.1 DOCUMENT GOAL

This document provides functional and technical information on calling PresenceRegistration, as provided by the National Social Security Office (NSSO). This information should allow (the IT department of) an organization to integrate and use the service.

In this service specification document, we explain the structure and content aspects of the possible service requests and replies. An example illustrates each of those messages. Also, the list of possible errors is included in this document.

Some technical and legal requirements must be satisfied in order to allow the integration of the services in client applications; this document was written in order to provide you with an overview of requirements which have to be met in order to integrate correctly with the Services offered by National Social Security Office (NSSO).

2.2 DOCUMENT HISTORY

| Version | Date | Author | Description of changes / remarks |
|---------|------------|-------------------------|---|
| 0.1 | 20/11/2013 | T. Defrancq | Initial version 1.2 |
| 0.2 | 11/12/2013 | S. Dawir | Review |
| 0.3 | 10/09/2014 | D. Thomas | This service Specification is generated based on XSD/WSDL 1.6 (first run). In paralel, a manual Service Specification is also made and published in the UDDI. |
| 0.4 | 12/06/2015 | V. Adam / H. Bahri | This service Specification is generated based on XSD/WSDL 1.7 |
| 0.5 | 13/07/2015 | V. Adam / H. Bahri | This service Specification is generated based on XSD/WSDL 1.8 |
| 0.6 | 20/08/2015 | V. Adam / D. Schelfhout | This service Specification is generated based on XSD/WSDL 1.9 |
| 0.7 | 12/11/2019 | V. Adam / F. Boulanger | This service Specification is generated based on XSD/WSDL 1.10 & 1.11 |

2.3 DOCUMENT REFERENCES

General information about the web services data exchange is available on the Social Security Portal:

https://www.socialsecurity.be/site_nl/general/helpcentre/soa/index.htm

https://www.socialsecurity.be/site_fr/general/helpcentre/soa/index.htm

Detailed information about this service is available on the Social Security Portal:

https://www.socialsecurity.be/site_nl/employer/applics/checkinetwork/index.htm

https://www.socialsecurity.be/site_fr/employer/applics/checkinetwork/index.htm

3. SERVICE HISTORY

This chapter contains the list of changes to the service since the previous publication.

Remark: If only the minor(y) number has changed, the service is backward compatible with the previous version. Existing consumers with no need to use the new functionality do not have to change their implementation.

Previous release date: 15/05/2018

Previous version number: 1.9

List of changes:

27/08/2014 v 1.4:

Add operations SearchPresences and GetPresentRegistration

Added functionality for the PresenceRegistration service to offers inspection services (Dosis-KSZ) the ability to use the web service to:

1. Get a list of presence registrations by using search criteria (by INSS and/or CompanyID and/or WorkPlaceId)
2. Get all the historic details of a particular presence registration

03/09/2014 v1.5: Finetuning interface added operations in v1.4 (validated xml tags)

09/09/2014 v1.6: Finetuning interface added operations in v1.4 (validated xml-tags)

10/06/2015 v.1.7:

ValidationHistoryType: element changed (maxOccurs added)

name="Validation" type="ValidationType" maxOccurs="unbounded"

==> impact on

- CancelPresencesResponse
- RegisterPresencesResponse
- GetPresenceRegistrationResponse
- SearchPresencesResponse

8/07/2015 v.1.8:

name="Sector" type="WorkSectorType" added

- ==>
- CancelPresencesResponse impacted
 - GetPresenceRegistrationResponse impacted
 - RegisterPresencesResponse impacted
 - SearchPresencesRequest impacted
 - SearchPresencesResponse impacted

20/08/2015 v.1.9:

name="PresenceRegistrationConsultSubmitType" added

element PresenceRegistrationSubmitted removed

- ==>
- CancelPresencesResponse impacted
 - GetPresenceRegistrationResponse impacted
 - RegisterPresencesResponse impacted
 - SearchPresencesResponse impacted

Add documentation

8/11/2019 v.1.11:

element name="VatNumber" type="VatNumberType" added

element name="RegistrationPeriodList" type="RegistrationPeriodListType" changed

- ==>
- CancelPresencesResponse impacted
 - GetPresenceRegistrationResponse impacted
 - RegisterPresencesResponse impacted
 - SearchPresencesRequest impacted
 - SearchPresencesResponse impacted

4. PREREQUISITES

4.1 BUSINESS PREREQUISITES

Service is accessible to any employer registered as user on the Social Security portal with the approval of the Social Security. https://www.socialsecurity.be/site_fr/general/helpcentre/soa/overview.htm

Users who are part of a professional sector submitted to the obligation of presence registration to the National Social Security Office and wanting to integrate their planning tools or other relevant systems with the PresenceRegistration service.

Inspection Services can use the service to consult the presence registrations available in the system.

4.2 TECHNICAL PREREQUISITES

The technical prerequisites are described in the Social Security UDDI:

<https://www.socialsecurity.be/web7/registrysocsec/uddi/bsc/web/browse/serviceDetail?serviceKey=uddi:be:fg:ov:rsz:presenceregistration:v1>

Every user of the service should contact the Social Security to fill in a specific form. After a positive advice, practical information (functional, technical, certificates, ...) is exchanged to allow further integration.

4.2.1 Security

The service has 5 security endpoints:

- * be/socialsecurity/presenceregistration/v1/PresenceRegistrationVarA_v1.wsdl [X.509 Token Profile]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistrationVarB_v1.wsdl [SAML Token Profile (sender-vouches)]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistrationVarD_v1.wsdl [SAML Token Profile (holder-of-key) (SHA-256)]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistrationVarC_v1.wsdl [X.509 Token Profile (SHA-256)]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistration_v1.wsdl [SAML Token Profile (holder-of-key)]

Duplicated WSDL files with explicit policy names

- * be/socialsecurity/presenceregistration/v1/PresenceRegistration-X509_v1.wsdl [X.509 Token Profile]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistration-SAMLSenderVouches_v1.wsdl [SAML Token Profile (sender-vouches)]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistration-SAMLHokSha256_v1.wsdl [SAML Token Profile (holder-of-key) (SHA-256)]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistration-X509Sha256_v1.wsdl [X.509 Token Profile (SHA-256)]
- * be/socialsecurity/presenceregistration/v1/PresenceRegistration-SAMLHok_v1.wsdl [SAML Token Profile (holder-of-key)]

5. DESCRIPTION OF THE SERVICE OPERATIONS

The service consists of following operations :

| Operations | Description |
|--------------------------------|---|
| cancelPresences | A list of presence registrations to cancel. The list contains one or more CancelPresenceRequestType Complex Type with a PresenceRegistrationId and the CancellationReason. Current allowed values of the CancellationReason are HOLIDAY, DISEASE, PLANNING, C32A |
| getPresenceRegistration | In order to get all the possible details about a certain presence registration one can use this call to retrieve the full history of a certain presence registration identified by its PresenceRegistrationId. |
| registerPresences | This operation is used to submit one or more presence registrations to the Social Security as required in some worksites. A typical registration requires to provide the who, where and when information. You may make up till 200 of such PresenceRegistrationRequests of the complex type PresenceRegistrationSubmitType in one call to the RegisterPresencesRequest, which will be answered by a RegisterPresencesResponse with each RegisterPresenceResponse either returning a PresenceRegistrationType (=success) or a PresenceRegistrationErrorType (=failed registration). |
| searchPresences | This operation allows to search one or more presence registrations as required on some worksites. A SearchPresencesRequest contains search criteria (SearchPresenceRegistrationCriteria), together with pagination (PaginationProperties) and sorting possibilities (SortingProperties) to return a SearchPresencesResponse with a list of presence registrations that correspond to the above criteria and properties. The user must indicate a period for the registration : the fields RegistrationPeriodStartDate and RegistrationPeriodEndDate are mandatory. The reply message is given as a SearchPresencesResponse and contains the original request (SearchPresencesRequest) and either a PresenceRegistrationList or a PresenceRegistrationError. In case it is the PresenceRegistrationList, it contains the result count. The number of presence registrations is limited to 500. |

5.1 OPERATION REGISTERPRESENCES

5.1.1 Request message construction

sequence

<> [1..200] **PresenceRegistrationRequest** (PresenceRegistrationSubmitType)

5.1.1.1 Example

Example: a typical presence registration for Temporary or Mobile site for

a worker subjected to the Belgian Social Security

a worker not subjected to the Belgian Social Security

```
<RegisterPresencesRequest xmlns="http://socialsecurity.be/presenceregistration/v1"
xmlns:types="http://socialsecurity.be/presenceregistration/schemas/v1">
  <!--1 to 200 repetitions-->
  <types:PresenceRegistration>
    <types:RegistrationDate>2013-12-01</types:RegistrationDate>
    <types:INSS>78012340961</types:INSS>
    <types:CompanyID>438195916</types:CompanyID>
```

```

        <types:WorkPlaceld>1Y1000NF9KCQZ</types:WorkPlaceld>
        <!--Optional ClientPresenceRegistrationReference:-->
        <types:ClientPresenceRegistrationReference>
client_reference_here
</types:ClientPresenceRegistrationReference>
    </types:PresenceRegistration>
    <types:PresenceRegistration>
        <types:RegistrationDate>2013-12-01</types:RegistrationDate>
        <types:Limosald>24910158641968060</types:Limosald>
        <types:WorkPlaceld>1Y1000NF9KCQZ</types:WorkPlaceld>
        <!--Optional ClientPresenceRegistrationReference:-->
        <types:ClientPresenceRegistrationReference>
client_reference_2_here
</types:ClientPresenceRegistrationReference>
    </types:PresenceRegistration>
</RegisterPresencesRequest>

```

Same example formatted as a valid soap message

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://socialsecurity.be/presenceregistration/v1 "
xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1 ">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:RegisterPresencesRequest>
      <v1:PresenceRegistrationRequest>
        <v11:RegistrationDate>2013-12-01</v11:RegistrationDate>
        <v11:INSS>78012340961</v11:INSS>
        <v11:CompanyID>448181966</v11:CompanyID>
        <v11:WorkPlaceld>1Y1000003EQCZ</v11:WorkPlaceld>
      </v1:PresenceRegistrationRequest>
      <v1:PresenceRegistrationRequest>
        <v11:RegistrationDate>2013-12-01</v11:RegistrationDate>
        <v11:Limosald>24910158641968060</v11:Limosald>
        <v11:WorkPlaceld>1Y1000003EQCZ</v11:WorkPlaceld>
        <!--Optional:-->
        <v11:ClientPresenceRegistrationReference>

```

Ref 1

```

</v11:ClientPresenceRegistrationReference>
      </v1:PresenceRegistrationRequest>
    </v1:RegisterPresencesRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

5.1.2 Reply message interpretation

sequence

<> [1..200] **PresenceRegistrationResponse** (RegisterPresenceRegistrationResponse)

5.1.2.1 Example

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Header>
  </S:Header>
  <S:Body>
    <ns4:RegisterPresencesResponse xmlns="http://socialsecurity.be/errors/v1"
xmlns:ns2="http://socialsecurity.be/errors/serviceprovider/v1 "
xmlns:ns3="http://socialsecurity.be/presenceregistration/schemas/v1 "
xmlns:ns4="http://socialsecurity.be/presenceregistration/v1 ">
      <ns4:PresenceRegistrationResponse>
        <ns3:PresenceRegistration>
          <ns3:PresenceRegistrationSubmitted>
            <ns3:RegistrationDate>2013-12-01</ns3:RegistrationDate>
            <ns3:INSS>78012340961</ns3:INSS>
            <ns3:CompanyID>448181966</ns3:CompanyID>
            <ns3:WorkPlaceld>1Y1000003EQCZ</ns3:WorkPlaceld>
          </ns3:PresenceRegistrationSubmitted>
          <ns3:ClientPresenceRegistrationReference>ref</ns3:ClientPresenceRegistrationReference>
        </ns3:PresenceRegistration>

```

```

<ns3:INSS>78012340961</ns3:INSS>
<ns3:PresenceRegistrationId>53102</ns3:PresenceRegistrationId>
<ns3:CreationDate>2013-12-01T16:00:00.769</ns3:CreationDate>
<ns3:Channel>WS</ns3:Channel>
<ns3>LastValidation>
  <ns3>Status>SUCCESSFULLY REGISTERED</ns3>Status>
</ns3>LastValidation>
</ns3:PresenceRegistration>
</ns4:PresenceRegistrationResponse>
<ns4:PresenceRegistrationResponse>
  <ns3:PresenceRegistration>
    <ns3:PresenceRegistrationSubmitted>
      <ns3:RegistrationDate>2013-12-01</ns3:RegistrationDate>
      <ns3:Limosald>24910158641968060</ns3:Limosald>
      <ns3:WorkPlaceld>1Y1000003EQCZ</ns3:WorkPlaceld>
    </ns3:PresenceRegistrationSubmitted>
  </ns3:PresenceRegistration>
</ns4:PresenceRegistrationResponse>
<ns3:ClientPresenceRegistrationReference>client_reference_2</ns3:ClientPresenceRegistrationReference>
  <ns3:PresenceRegistrationSubmitted>
    <ns3:PresenceRegistrationId>53103</ns3:PresenceRegistrationId>
    <ns3:CreationDate>2013-12-01T16:00:00.798</ns3:CreationDate>
    <ns3:Channel>WS</ns3:Channel>
    <ns3>LastValidation>
      <ns3>Status>SUCCESSFULLY REGISTERED</ns3>Status>
    </ns3>LastValidation>
  </ns3:PresenceRegistration>
</ns4:PresenceRegistrationResponse>
</ns4:RegisterPresencesResponse>
</S:Body>
</S:Envelope>

```

5.1.3 Error codes

The error codes listed here define possible business errors whilst processing the request. These error codes indicate a problem in the content of the request, including format errors.

| Error code | Description |
|------------|--|
| 2 | Invalid companyId node content. Invalid KBO/BCE number |
| 3 | Invalid companyId node content. Invalid KBO/BCE number |
| 4 | Invalid WorkPlaceld node content. Invalid Déclaration de Travaux/Aangifte van Werken number |
| 5 | Invalid INSS node content. Invalid INSZ/INSS number |
| 6 | Invalid registration date (only today or tomorrow are allowed) |

5.2 OPERATION CANCELPRESENCES

5.2.1 Request message construction

sequence

<> [1..200] **CancelPresenceRequest** (CancelPresenceRequestType)

5.2.1.1 Example

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://socialsecurity.be/presenceregistration/v1"
xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:CancelPresencesRequest>

```

```

<!--1 to 200 repetitions-->
<v1:CancelPresenceRequest>
  <v11:PresenceRegistrationId>50605</v11:PresenceRegistrationId>
  <v11:CancellationReason>HOLIDAY</v11:CancellationReason>
</v1:CancelPresenceRequest>
<v1:CancelPresenceRequest>
  <v11:PresenceRegistrationId>50606</v11:PresenceRegistrationId>
  <v11:CancellationReason>HOLIDAY</v11:CancellationReason>
</v1:CancelPresenceRequest>
</v1:CancelPresencesRequest>
</soapenv:Body>
</soapenv:Envelope>

```

5.2.2 Reply message interpretation

sequence

<> [1..200] **CancelPresenceResponse** (CancelPresenceRegistrationResponse)

5.2.2.1 Example

```

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Header>
    <WorkContext xmlns="http://oracle.com/weblogic/soap/workarea/">context</WorkContext>
  </S:Header>
  <S:Body>
    <ns2:CancelPresencesResponse xmlns="http://socialsecurity.be/presenceregistration/schemas/v1"
      xmlns:ns2="http://socialsecurity.be/presenceregistration/v1" xmlns:ns3="http://socialsecurity.be/errors/serviceprovider/v1"
      xmlns:ns4="http://socialsecurity.be/errors/v1">
      <ns2:CancelPresenceResponse>
        <PresenceRegistration>
          <PresenceRegistrationSubmitted>
            <RegistrationDate>2013-12-10</RegistrationDate>
            <INSS>78012340961</INSS>
            <CompanyID>448181966</CompanyID>
            <WorkPlaceld>1Y1000003EQCZ</WorkPlaceld>
            <ClientPresenceRegistrationReference>Test
            </ClientPresenceRegistrationReference>
          </PresenceRegistrationSubmitted>
          <INSS>78012340961</INSS>
          <PresenceRegistrationId>60247</PresenceRegistrationId>
          <CreationDate>2013-12-09T11:34:57.438</CreationDate>
          <Channel>WS</Channel>
          <LastValidation>
            <Status>SUCCESSFULLY CANCELLED</Status>
            <ValidationDate>2013-12-09T11:35:25.952</ValidationDate>
          </LastValidation>
          <ValidationHistory>
            <Validation>
              <Status>SUCCESSFULLY CANCELLED</Status>
              <ValidationDate>2013-12-09T11:35:25.952</ValidationDate>
            </Validation>
          </ValidationHistory>
        </PresenceRegistration>
      </ns2:CancelPresenceResponse>
      <ns2:CancelPresenceResponse>
        <PresenceRegistrationError>
          <CancelPresenceRequest>
            <PresenceRegistrationId>60248</PresenceRegistrationId>
            <CancellationReason>HOLIDAY</CancellationReason>
          </CancelPresenceRequest>
          <ErrorList>
            <Error>
              <ErrorCode>9</ErrorCode>
              <ErrorDescription>Too late to cancel this precense
              registration</ErrorDescription>
            </Error>
          </ErrorList>
        </PresenceRegistrationError>
      </ns2:CancelPresenceResponse>
    </ns2:CancelPresencesResponse>
  </S:Body>
</S:Envelope>

```

```
</S:Body>
</S:Envelope>
```

5.2.3 Error codes

The error codes listed here define possible business errors whilst processing the request. These error codes indicate a problem in the content of the request, including format errors.

| Error code | Description |
|------------|--|
| 1 | The user has no authorization to cancel this Presence Registration |
| 7 | Unknown RegistrationId |
| 8 | Presence registration already cancelled |
| 9 | Too late to cancel this presence registration |
| 10 | Presence registration not found |
| 11 | Invalid cancel reason |

5.3 OPERATION SEARCHPRESENCES

5.3.1 Request message construction

sequence

```
<> SearchPresenceRequest (SearchPresencesRequestType)
```

5.3.1.1 Example

Find all Presence Registration from a particular worksite

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://socialsecurity.be/presenceregistration/v1 "
xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1 ">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:SearchPresencesRequest>
      <v1:SearchPresenceRequest>
        <v11:SearchPresenceRegistrationCriteria>
          <v11:WorkPlaceld>1Y11234567890</v11:WorkPlaceld>
        </v11:SearchPresenceRegistrationCriteria>
      </v1:SearchPresenceRequest>
    </v1:SearchPresencesRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

5.3.2 Reply message interpretation

sequence

```
<> SearchPresencesResponseType (SearchPresencesResponseType)
```

5.3.2.1 Example

```
<ns2:SearchPresencesResponse xmlns="http://socialsecurity.be/presenceregistration/schemas/v1 "
xmlns:ns2="http://socialsecurity.be/presenceregistration/v1 " xmlns:ns3="http://socialsecurity.be/errors/v1 "
xmlns:ns4="http://socialsecurity.be/errors/serviceprovider/v1 ">
  <ns2:SearchPresencesResponseType>
```

```

<SearchPresencesRequest>
  <SearchPresenceRegistrationCriteria>
    <INSS>77072239XXX</INSS>
  </SearchPresenceRegistrationCriteria>
</SearchPresencesRequest>
<PresenceRegistrationList>
  <PresenceRegistrationResultCount>1</PresenceRegistrationResultCount>
  <PresenceRegistration>
    < PresenceRegistrationConsultSubmitted >
      <RegistrationDate>2014-07-07</RegistrationDate>
      <INSS>77072239XXX</INSS>
      <CompanyID>44818XXXX</CompanyID>
      <WorkPlaceld>1Y1000003XXXX</WorkPlaceld>
    </ PresenceRegistrationConsultSubmitted >
    <INSS>77072239XXX</INSS>
    <PresenceRegistrationId>47003</PresenceRegistrationId>
    <CreationDate>2014-07-07T15:33:10.327</CreationDate>
    <Channel>WS</Channel>
    <LastValidation>
      <Status>FAILED</Status>
      <ValidationDate>2014-07-07T15:33:12.098</ValidationDate>
      <RemarkList>
        <Remark>EMPLOYER NOT ACTIVE</Remark>
      </RemarkList>
    </LastValidation>
    <Sender>
      <SenderId>0206731XXX</SenderId>
    </Sender>
  </PresenceRegistration>
</PresenceRegistrationList>
</ns2:SearchPresencesResponseType>
</ns2:SearchPresencesResponse>

```

5.3.3 Error codes

Not applicable.

5.4 OPERATION GETPRESENCEREGISTRATION

5.4.1 Request message construction

sequence

<> **GetPresenceRegistrationRequest** (GetPresenceRegistrationRequestType)

5.4.1.1 Example

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:v1="http://socialsecurity.be/presenceregistration/v1 "
  xmlns:v11="http://socialsecurity.be/presenceregistration/schemas/v1 ">
  <soapenv:Header/>
  <soapenv:Body>
    <v1:GetPresenceRegistrationRequest>
      <v1:GetPresenceRegistrationRequest>
        <v11:PresenceRegistrationId>47003</v11:PresenceRegistrationId>
      </v1:GetPresenceRegistrationRequest>
    </v1:GetPresenceRegistrationRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

5.4.2 Reply message interpretation

sequence

<> **GetPresenceRegistrationResponseType** (GetPresenceRegistrationResponseType)

5.4.2.1 Example

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Header>
    <WorkContext>xx</WorkContext>
  </S:Header>
  <S:Body>
    <ns3:GetPresenceRegistrationResponse xmlns="http://socialsecurity.be/errors/v1"
      xmlns:ns2="http://socialsecurity.be/presenceregistration/schemas/v1"
      xmlns:ns3="http://socialsecurity.be/presenceregistration/v1" xmlns:ns4="http://socialsecurity.be/errors/serviceprovider/v1">
      <ns3:GetPresenceRegistrationResponseType>
        <ns2:GetPresenceRegistrationRequest>
          <ns2:PresenceRegistrationId>47003</ns2:PresenceRegistrationId>
        </ns2:GetPresenceRegistrationRequest>
        <ns2:GetPresenceRegistrationType>
          <ns2:PresenceRegistrationType>
            <ns2:PresenceRegistrationConsultSubmitted>
              <ns2:RegistrationDate>2014-07-07</ns2:RegistrationDate>
              <ns2:INSS>77072239430</ns2:INSS>
              <ns2:CompanyID>448181966</ns2:CompanyID>
              <ns2:WorkPlaceld>1Y1000003DH2Z</ns2:WorkPlaceld>
            </ns2:PresenceRegistrationConsultSubmitted>
            <ns2:INSS>77072239430</ns2:INSS>
            <ns2:PresenceRegistrationId>47003</ns2:PresenceRegistrationId>
            <ns2:CreationDate>2014-07-07T15:33:10.327</ns2:CreationDate>
            <ns2:Channel>WS</ns2:Channel>
            <ns2:LastValidation>
              <ns2>Status>FAILED</ns2>Status>
              <ns2:ValidationDate>2014-07-
07T15:33:12.098</ns2:ValidationDate>
            <ns2:RemarkList>
              <ns2:Remark>EMPLOYER NOT
ACTIVE</ns2:Remark>
            </ns2:RemarkList>
            </ns2:LastValidation>
            <ns2:ValidationHistory>
              <ns2:Validation>
                <ns2>Status>FAILED</ns2>Status>
                <ns2:ValidationDate>2014-07-
07T15:33:12.098</ns2:ValidationDate>
              <ns2:RemarkList>
                <ns2:Remark>EMPLOYER NOT
ACTIVE</ns2:Remark>
              </ns2:RemarkList>
            </ns2:Validation>
            </ns2:ValidationHistory>
            <ns2:Sender>
              <ns2:SenderId>0206731645</ns2:SenderId>
            </ns2:Sender>
          </ns2:PresenceRegistrationType>
        </ns2:GetPresenceRegistrationType>
      </ns3:GetPresenceRegistrationResponseType>
    </ns3:GetPresenceRegistrationResponse>
  </S:Body>
</S:Envelope>
```

5.4.3 Error codes

Not applicable.

6. COMMON TYPES

6.1 PRESENCEREGISTRATION_TYPES_V1

Namespace: <http://socialsecurity.be/presenceregistration/schemas/v1>

Version: 1.11

6.1.1 CancelPresenceRegistrationErrorType

«XSDcomplexType»

Presence Registration submitted and a list of generated errors

sequence

<> **CancelPresenceRequest** (CancelPresenceRequestType)

<> **ErrorList** (RequestErrorType)

6.1.2 CancelPresenceRegistrationResponse

«XSDcomplexType»

Cancel Presence Registration submitted

choice

<> **PresenceRegistration** (PresenceRegistrationType)

<> **PresenceRegistrationError** (CancelPresenceRegistrationErrorType)

6.1.3 CancelPresenceRequestType

«XSDcomplexType»

Presence Registration submitted to cancel

sequence

<> **CancellationReason** (CancelReasonType)

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

6.1.4 CancelReasonType

«XSDsimpleType»

| | | | |
|-------------------|--|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | maxLength | 15 | |
| annotation | PresenceRegistration cancelRaison(Holiday, Disease, Planning, C32a, Other..) | | |

6.1.5 ChannelType

«XSDsimpleType»

| | | | |
|-------------------|---|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | Channel of submitted PresenceRegistration | | |

6.1.6 ClientReferenceType

«XSDsimpleType»

| | | | |
|-------------------|--|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | maxLength | 24 | |
| annotation | Custom Reference you may send with your registration | | |

6.1.7 CompanyIDType

«XSDsimpleType»

| | | | |
|-------------------|--------------------------------|--------------|-------------------|
| type | long | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | totalDigits | 10 | |
| annotation | KBO/BCE number of the employer | | |

6.1.8 CreationDateType

«XSDsimpleType»

| | | | |
|-------------------|---|--------------|-------------------|
| type | dateTime | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | Creation date and time of Presence Registration | | |

6.1.9 Error

«XSDcomplexType»

List of form errors in request

sequence

<> **ErrorCode** (ErrorCode)

The error code in request

<> **ErrorDescription** (ErrorDescription)

The error description in request

6.1.10 ErrorCode

«XSDsimpleType»

| | | | |
|-------------------|---------------------------|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | The error code in request | | |

6.1.11 ErrorDescription

«XSDsimpleType»

| | | | |
|-------------------|----------------------------------|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | The error description in request | | |

6.1.12 FetchSizeType

«XSDsimpleType»

| | | | |
|-------------------|--|--------------|-------------------|
| type | int | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | totalDigits | 9 | |
| annotation | Number presence registration to return | | |

6.1.13 FirstRowType

«XSDsimpleType»

| | | | |
|-------------------|---|--------------|-------------------|
| type | int | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | totalDigits | 9 | |
| annotation | Number for first row to beginning display | | |

6.1.14 GetPresenceRegistrationRequestType

«XSDcomplexType»

sequence

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

6.1.15 GetPresenceRegistrationResponseType

«XSDcomplexType»

sequence

<> **GetPresenceRegistrationRequest** (GetPresenceRegistrationRequestType)

The Search Criteria submitted

<> **GetPresenceRegistrationType** (GetPresenceRegistrationType)

The Get presence registration response

6.1.16 GetPresenceRegistrationType

«XSDcomplexType»

Get presence registration response type

sequence

<> [0..1] **PresenceRegistrationType** (PresenceRegistrationType)

The Get presence registration response

6.1.17 INSSType

«XSDsimpleType»

| | | | |
|-------------------|------------------------|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | pattern | \d{11} | |
| annotation | Social Security Number | | |

6.1.18 LimosaldType

«XSDsimpleType»

| | | | |
|-------------------|--|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | Limosa number defining the workrelation between a foreign employee, a foreign company and a potential belgian client | | |

6.1.19 PaginationPropertiesType

«XSDcomplexType»

sequence

<> **FetchSize** (FetchSizeType)

The number of records returned by page, by default 50 records will be returned

<> **FirstRow** (FirstRowType)

The first row from what sort of result will be done, by default first row 0 is used

6.1.20 PresenceRegistration

«XSDcomplexType»

Response Registration

sequence

<> **Channel** (ChannelType)

Channel of submitted PresenceRegistration

<> **CreationDate** (CreationDateType)

Creation date and time of Presence Registration

<> [0..1] **INSS** (INSSType)

This the last inss know for the worker. It's the same as in the submitted declaration if the inss has never changed. It can be not present in case of a presence registration with Limosald

<> **LastValidation** (ValidationType)

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

Number Reference of Presence Registration

<> [0..1] **ValidationHistory** (ValidationHistoryType)

List of validation attempts for the presence registration

6.1.21 PresenceRegistrationConsultSubmitType

«XSDcomplexType»

Definition of the Presence Registration Type

sequence

<> [0..1] **ClientPresenceRegistrationReference** (ClientReferenceType)

Optionally you can supply your own Client Presence Registration Reference

<> [0..1] **RegistrationDate** (RegistrationDateType)

Date for which you register. Can only be today or tomorrow. Optional, if left out it will consider the registration is for today.

<> **WorkPlaceld** (WorkPlaceldType)

Identification number of the site as defined in Declaration of Works (DDT/AVW)

sequence

<> [0..1] **INSS** (INSSType)

Social Security Number

<> [0..1] **CompanyID** (CompanyIDType)

KBO/BCE number of the employer

<> [0..1] **Limosald** (LimosaldType)

Limosa number defining the workrelation between a foreign employee, a foreign company and a potential belgian client

<> [0..1] **VatNumber** (VatNumberType)

VAT number is mainly used to identify foreign companies

6.1.22 PresenceRegistrationIdType

«XSDsimpleType»

| | | | |
|-------------------|---|--------------|-------------------|
| type | long | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | totalDigits | 15 | |
| annotation | Number Reference of Presence Registration | | |

6.1.23 PresenceRegistrationList

«XSDcomplexType»

List of presence registration that match the search request criteria

sequence

<> [0..500] **PresenceRegistration** (PresenceRegistrationType)

List of the registered presence registration

<> **PresenceRegistrationResultCount** (PresenceRegistrationResultCountType)

List of the registered presence registration

6.1.24 PresenceRegistrationResultCountType

«XSDsimpleType»

| | | | |
|-------------------|--------------------------------------|--------------|-------------------|
| type | long | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | totalDigits | 9 | |
| annotation | Number presence registration founded | | |

6.1.25 PresenceRegistrationSubmitType

«XSDcomplexType»

Definition of the Presence Registration Type

sequence

<> [0..1] **ClientPresenceRegistrationReference** (ClientReferenceType)

Optionally you can supply your own Client Presence Registration Reference

<> [0..1] **RegistrationDate** (RegistrationDateType)

Date for which you register. Can only be today or tomorrow. Optional, if left out it will consider the registration is for today.

<> **WorkPlaceld** (WorkPlaceldType)

Identification number of the site as defined in Declaration of Works (DDT/AVW)

choice

<> [1..1] **Limosald** (LimosaldType)

Limosa number defining the workrelation between a foreign employee, a foreign company and a potential belgian client

sequence

<> [1..1] **INSS** (INSSType)

Social Security Number

<> [1..1] **CompanyID** (CompanyIDType)

KBO/BCE number of the employer

6.1.26 PresenceRegistrationType

«XSDcomplexType»

Presence Registration submitted Type

sequence

<> **Channel** (ChannelType)

Channel of submitted PresenceRegistration

<> **CreationDate** (CreationDateType)

Creation date and time of Presence Registration

<> [0..1] **INSS** (INSSType)

This the last inss know for the worker. It's the same as in the submitted declaration if the inss has never changed. It can be not present in case of a presence registration with Limosald

<> **LastValidation** (ValidationType)

<> **PresenceRegistrationId** (PresenceRegistrationIdType)

Number Reference of Presence Registration

<> [0..1] **Sector** (WorkSectorType)

<> [0..1] **Sender** (SenderType)

Contains the sender information of the Presence Registration

<> [0..1] **ValidationHistory** (ValidationHistoryType)

List of validation attempts for the presence registration

choice

<> [1..1] **PresenceRegistrationSubmitted** (PresenceRegistrationSubmitType)

The content of the original presenceRegistrationSubmit

<> [1..1] **PresenceRegistrationConsultSubmitted**
(PresenceRegistrationConsultSubmitType)

The content of the original presenceRegistrationSubmit for consult

6.1.27 RegisterPresenceRegistrationErrorType

«XSDcomplexType»

Presence Registration submitted and a list of generated errors

sequence

<> **ErrorList** (RequestErrorType)

<> **PresenceRegistrationSubmitted** (PresenceRegistrationSubmitType)

6.1.28 RegisterPresenceRegistrationResponse

«XSDcomplexType»

Presence Registration submitted

choice

<> **PresenceRegistration** (PresenceRegistrationType)

<> **PresenceRegistrationError** (RegisterPresenceRegistrationErrorType)

6.1.29 RegistrationDateType

«XSDsimpleType»

| | | | |
|-------------------|---|--------------|-------------------|
| type | date | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | Date for which you make the (planned) registration. Only date of today and tomorrow are accepted. If omitted it will default to today | | |

6.1.30 RegistrationPeriodListType

«XSDcomplexType»

List of Date Interval used to search Presence Registration

sequence

<> [1..31] **RegistrationPeriod** (RegistrationPeriodType)

Interval Date of Presence Registration search

6.1.31 RegistrationPeriodType

«XSDcomplexType»

Date Interval for searching Presence Registration

sequence

- <> **RegistrationPeriodEndDate** (RegistrationDateType)
End Interval Date of Presence Registration search
- <> **RegistrationPeriodStartDate** (RegistrationDateType)
Start Interval Date of Presence Registration search

6.1.32 RemarkListType

«XSDcomplexType»

The Remark generated during the validation of submitted presence registration

sequence

- <> **Remark** (RemarkType)
Remark Description

6.1.33 RemarkType

«XSDsimpleType»

| | | | |
|-------------------|--|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | Remark generated during validation of submitted presenceregistration | | |

6.1.34 RequestErrorType

«XSDcomplexType»

List of form errors in request

sequence

- <> [1..10] **Error** (Error)

6.1.35 SearchPresenceRegistrationCriteria

«XSDcomplexType»

Search Presence Registration response Type

sequence

- <> [0..1] **CompanyID** (CompanyIDType)

- <> [0..1] **CreationEndDate** (CreationDateType)

- <> [0..1] **CreationStartDate** (CreationDateType)

- <> [0..1] **INSS** (INSSType)

- <> **RegistrationPeriodList** (RegistrationPeriodListType)
The list of date interval is mandatory

- <> [0..1] **RemarkList** (SearchRemarkListType)

- <> [0..1] **Sector** (WorkSectorType)

- <> [0..1] **StatusList** (StatusListType)

- <> [0..1] **WorkPlaceld** (WorkPlaceldType)

6.1.36 SearchPresenceRegistrationErrorType

«XSDcomplexType»

Search Presence Registration request and a list of generated errors

sequence

- <> **ErrorList** (RequestErrorType)

6.1.37 SearchPresencesRequestType

«XSDcomplexType»

Search Presence Registration request type

sequence

- <> [0..1] **PaginationProperties** (PaginationPropertiesType)
Criteria for result Pagination, if no criteria, the first row and ascending order must be used

- <> **SearchPresenceRegistrationCriteria** (SearchPresenceRegistrationCriteria)
Criteria for presenceRegistration search Request

- <> [0..1] **SortingProperties** (SortingPropertiesType)
Sorting criteria to use when returning response

6.1.38 SearchPresencesResponseType

«XSDcomplexType»

Search Presence Registration response Type

sequence

<> **SearchPresencesRequest** (SearchPresencesRequestType)

The content of the original presenceRegistration Request

choice

<> [1..1] **PresenceRegistrationList** (PresenceRegistrationList)

<> [0..1] **PresenceRegistrationError** (SearchPresenceRegistrationErrorType)

6.1.39 SearchRemarkListType

«XSDcomplexType»

sequence

<> [1..17] **Remark** (SearchRemarkType)

6.1.40 SearchRemarkType

«Enumeration»

| facets | value | annotation |
|--------|---|------------|
| | RELATED DIMONA NOT OK | |
| | GIVEN INSS IS NOT THE FOUNDER OF THE COMPANY | |
| | EMPLOYER IS NOT KNOWN AS COMPANY FOUNDER | |
| | THE COMPANY DOESN'T EXISTS | |
| | INDEPENDANT IS NOT KNOWN AS COMPANY FOUNDER | |
| | LIMOSA ID IS NOT KNOWN | |
| | LIMOSA ID IS NOT ACTIVE AT DATE | |
| | NISS-BIS IS NOT KNOWN IN LIMOSA | |
| | NISS-BIS IS NOT ACTIVE AT THIS DATE IN LIMOSA | |
| | DUC IS NOT EXISTING | |
| | DUC IS NOT ACTIVE AT THIS DATE | |

| | |
|-------------------|---|
| | COMPANY IS NOT KNOWN AS BUILDER OR SUBCONTRACTOR IN THIS DUC SITE IS NOT SUBJECT TO PRESENCE REGISTRATION SAME DECLARATION HAS ALREADY BEEN REGISTERED NISS IS NOT KNOWN IN THE NATIONAL REGISTER EMPLOYER NOT ACTIVE THE COMPANY ID ASSOCIATED AT A NOT ACTIVE CONTRACT |
| annotation | Remark Type for a PresenceRegistration |

6.1.41 SenderType

«XSDcomplexType»

bloc containing informations about the sender of the declaration

sequence

- <> [0..1] **SenderCompanyId** (CompanyIdType)
CompanyId of the declaration's sender
- <> [0..1] **SenderId** (UserIdType)
Id of the declaration's sender
- <> [0..1] **SenderUserType** (UserType)
Type of user of the declaration's sender

6.1.42 SortCriteriaType

«Enumeration»

| facets | value | annotation |
|-------------------|--|-------------------|
| | ID | |
| | REGISTRATION DATE | |
| | CREATION DATE | |
| | STATUS | |
| | PLACE OF WORK | |
| | COMPANY ID | |
| | CHANNEL | |
| | SENDER ID | |
| annotation | Result status for a PresenceRegistration | |

6.1.43 SortDirectionType

«Enumeration»

| | | |
|-------------------|--|-------------------|
| facets | value ASCENDING DESCENDING | annotation |
| annotation | Result status for a PresenceRegistration | |

6.1.44 **SortingPropertiesType**

«XSDcomplexType»

sequence

<> **SortCriteria** (SortCriteriaType)

Sorting result based on criteria, by default criteria is ID

<> **SortDirection** (SortDirectionType)

Sort result according to choice of direction, by default sort is Ascending

6.1.45 **StatusListType**

«XSDcomplexType»

sequence

<> [1..4] **Status** (StatusType)

6.1.46 **StatusType**

«Enumeration»

| | | |
|-------------------|--|-------------------|
| facets | value SUCCESSFULLY REGISTERED SUCCESSFULLY CANCELLED VALIDATED FAILED | annotation |
| annotation | Status of presence registration to search. VALIDATED => successfully registered and the content has been validated without remarks. FAILED => successfully registered but the content has been validated with remarks. | |

6.1.47 **UserIDType**

«XSDsimpleType»

| | | | |
|-------------------|---------------------------|-----------------------------|-------------------|
| type | string | | |
| facets | kind derivation | value Restriction | annotation |
| annotation | Id of a user | | |

6.1.48 UserType

«XSDsimpleType»

| | | | |
|-------------------|----------------|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | Type of a user | | |

6.1.49 ValidationDateType

«XSDsimpleType»

| | | | |
|-------------------|---|--------------|-------------------|
| type | dateTime | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | Validation date and time of Presence Registration | | |

6.1.50 ValidationHistoryType

«XSDcomplexType»

Validation Historique of submitted presence registration

sequence

<> [1..*] **Validation** (ValidationType)

6.1.51 ValidationType

«XSDcomplexType»

Validation Type of submitted presence registration

sequence

<> [0..1] **RemarkList** (RemarkListType)

List of Remarks if the presence registration has been treated

<> **Status** (StatusType)

Result status for a PresenceRegistration

<> [0..1] **ValidationDate** (ValidationDateType)

Contains the Validation date if the presence registration has been treated

6.1.52 VatNumberType

«XSDsimpleType»

| | | | |
|-------------------|---|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | Restriction | |
| annotation | VAT number is mainly used to identify foreign companies | | |

6.1.53 WorkPlaceldType

«XSDsimpleType»

| | | | |
|-------------------|--|--------------|-------------------|
| type | string | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | maxLength | 13 | |
| annotation | Identification number of the site as defined in Declaration of Works (DDT/AVW) | | |

6.1.54 WorkSectorType

«XSDsimpleType»

| | | | |
|-------------------|--|--------------|-------------------|
| type | int | | |
| facets | kind | value | annotation |
| | derivation | restriction | |
| | totalDigits | 3 | |
| annotation | Employment sector of the concerend workplace 1 = Construction work 2 = Security / Guarding 3 = Meat | | |

6.2 XML

Namespace: <http://www.w3.org/XML/1998/namespace>

Version:

7. COMMON ERROR CODES

7.1 SYSTEM ERROR CODES

These error codes indicate a problem in the request sent or a system error.

| Code | Description | Cause | Explication |
|-----------|---|----------|--|
| SOA-00001 | Service error | | This is the default error sent to the consumer in case no more details are known. |
| SOA-01001 | Service call not authenticated | Consumer | From the security information provided, either the consumer could not be identified or the credentials provided are not correct. |
| SOA-01002 | Service call not authorized | Consumer | The consumer is identified and authenticated, but is not allowed to call the given service. |
| SOA-02001 | Service not available. Please contact service desk. | Provider | An unexpected error has occurred. Retries will not work. Service desk may help with root cause analysis. |
| SOA-02002 | Service temporarily not available. Please try later. | Provider | An unexpected error has occurred. Retries should work. If the problem persists service desk may help. |
| SOA-03001 | Malformed message | Consumer | This is the default error for content related errors in case no more details are known. |
| SOA-03002 | Message must be SOAP | Consumer | Message does not respect the SOAP standard. |
| SOA-03003 | Message must contain SOAP body | Consumer | Message respects the SOAP standard, but body is missing. |
| SOA-03004 | WS-I compliance failure | Consumer | Message does not respect the WS-I standard. |
| SOA-03005 | WSDL compliance failure | Consumer | Message is not compliant with WSDL. |
| SOA-03006 | XSD compliance failure | Consumer | Message is not compliant with XSD. |
| SOA-03007 | Message content validation failure | Consumer | From the message content (conform XSD): extended checks on the element format failed or cross-checks between fields failed. |

7.2 BUSINESS ERROR CODES

Not applicable. The errors codes are specified for a given operation.

8. ANNEX

None