

Technical interface – Zip file for application developers

Project to establish the National Incomes Register

CONTENTS

1	Version history	3
2	Contents of the Zip file	6
2.1	WSDL descriptions.....	6
2.2	XSD schema files.....	6
2.3	Message structure examples	6

1 VERSION HISTORY

Version	Date	Description
1.0	12/06/2017	Technical interface published.
1.01	31/08/2017	<ol style="list-style-type: none"> Corrected the structure of the SubscriptionService.wsdl file: The order of the "stir:SubscriptionsRequestToIRAsync" and "stir:SubscriptionsRequestToIR" elements was switched. Corrected the structure of the StatusMessageTypes.xsd file: removed the unnecessary elements "ReportValidationErrors" and "ReportError" and changed the elements "StatusResponseFromIR/DeliveryData" and "StatusRequestToIR/DeliveryId" to voluntary. Removed the checksum of the ZIP file as unnecessary.
1.02	14.11.2017	<p>Added the XML Signature schema: xmldsig-core-schema.xsd used to add an electronic signature to messages.</p> <p>All schemas – Added the ds:Signature element and the necessary references to the XML Signature schema.</p> <p>All schemas – References to the xs:boolean data type replaced with a reference to a new ict:trueOrFalse type in all schemas. (The allowed values are limited to the character strings "true" and "false".)</p> <p>IRCommonTypes – Added a restriction to the ict:decimal2 data type (number size limited to 13 numbers and 2 decimals).</p> <p>IRCommonTypes – Added the ict:trueOrFalse data type (the allowed values are limited to the character strings "true" and "false").</p> <p>IRCommonTypes – Added the ict:String5 data type (minLength: 1, maxLength: 5).</p> <p>IRCommonTypes – Added the ict:String15 data type (minLength: 1, maxLength: 15).</p> <p>IRCommonTypes – Added the ict:String50 data type (minLength: 1, maxLength: 50).</p> <p>InvalidationsToIRTypes – The "Type" element was moved to before the "Code" element within "Id" of ComplexType.</p> <p>MainSubscriptionTypes – Renamed the "DataRequest" element. New name = "DataRequestToIR".</p> <p>MainSubscriptionTypes – Renamed the "DataSubscription" element. New name = "SubscriptionsToIR".</p> <p>MessagesFromIRTypes – Changed the type of the "TargetItemType" elements. New type = "xs:int".</p> <p>MessagesFromIRTypes – Removed the unused "Status" data type.</p> <p>MessagesToIRTypes – Changed the type of the "TargetItemType" elements. New type = "xs:int".</p> <p>MessagesToIRTypes – Removed the unused "Status" data type.</p> <p>PayerSummaryReportsFromIRTypes – Replaced the "AccInsProvIdCode" element with a new element, "AccInsProvId", of the type "psrfirt:Id".</p> <p>PayerSummaryReportsFromIRTypes – Added the "DeliveryToIRChannelCode" element below the "DeliveryData" element.</p> <p>PayerSummaryReportsFromIRTypes – Added the "PayerOther" element within the "Payer" element.</p> <p>PayerSummaryReportsFromIRTypes – Changed the structure of the "PayerOther" element.</p> <p>PayerSummaryReportsFromIRTypes – Added the "DeliveryToIRChannelCode" element below the "DeliveryData" element.</p> <p>PayerSummaryReportsFromIRTypes – Added the "ReceivedTimestamp" element below the "DeliveryData" element.</p> <p>PayerSummaryReportsToIRTypes – Replaced the "AccInsProvIdCode" element with a new element, "AccInsProvId", of the type "psrtirt:Id".</p> <p>StatusMessageTypes – Moved the "Type" element to before the "Code" element under "Id" of ComplexType.</p> <p>SubscriptionsToIR – Changed the type of the "SubscriptionsRequestToIR" element. New type = "mst:SubscriptionsToIR"</p> <p>SubscriptionsToIR – Changed the type of the "SubscriptionsRequestToIRAsync" element. New type = "mst:SubscriptionsToIR"</p> <p>WageReportsFromIRTypes – Changed the type of the "BenefitCode" element from xs:list to xs:restriction.</p> <p>WageReportsFromIRTypes – Changed the type of the "FormCode" element from xs:list to xs:restriction.</p> <p>WageReportsFromIRTypes – Changed the type of the "PaymentType" element from xs:list to xs:restriction.</p> <p>WageReportsFromIRTypes – Changed the type of the "RemunerationCode" element from xs:list to xs:restriction.</p> <p>WageReportsFromIRTypes – The structure of the "Absence" element was changed. The "NoAbsence" element was replaced with the new "AbsenceRepStartDate" and "AbsenceRepEndDate" elements.</p> <p>WageReportsFromIRTypes – The "AccInsProvIdCode" element was replaced with the new "AccInsProvId" element.</p> <p>WageReportsFromIRTypes – Added the "DeliveryToIRChannelCode" element below the "DeliveryData" element.</p> <p>WageReportsFromIRTypes – Changed the type of the "Code" element inside the "EmploymentEnding" element. New type = "ict:String20".</p> <p>WageReportsFromIRTypes – Corrected a typo in the name of the "Birthdate" element. New name = "BirthDate"</p> <p>WageReportsFromIRTypes – Added the "SensitiveInfoIncluded" element below the "IncomeEarnerOther" element.</p> <p>WageReportsFromIRTypes – Added the "Payments" element below the "IncomeEarnerOther" element.</p> <p>WageReportsFromIRTypes – Added the "TaxTreatyCountryCode" element below the "InternationalData" element.</p>

Technical interface – Zip file for application developers

		<p>WageReportsFromIRTTypes – Added the "ReimbApp" element below the "PaidAbsencePeriod" element.</p> <p>WageReportsFromIRTTypes – Removed the "ReimbApp" element from below the "PaidAbsence" element and changed PaidAbsencePeriods to mandatory.</p> <p>WageReportsFromIRTTypes – Added the "SensitiveInfoIncluded" element below the "PayerOther" element.</p> <p>WageReportsFromIRTTypes – Added the wrfirt:Payments data type.</p> <p>WageReportsFromIRTTypes – Added the wrfirt:Payment data type.</p> <p>WageReportsFromIRTTypes – Changed the type of the "PaymentRef" element. New type = "irct:String50".</p> <p>WageReportsFromIRTTypes – Added the "ForeignLeasedWork" element below the "Report" element.</p> <p>WageReportsFromIRTTypes – Added the "ReceivedTimestamp" element below the "DeliveryData" element.</p> <p>WageReportsFromIRTTypes – Added the "SensitiveInfoIncluded" element below the "Representative" element.</p> <p>WageReportsFromIRTTypes – Added the "RepresentativeReports" element below the "Representative" element.</p> <p>WageReportsFromIRTTypes – Added the "SensitiveInfoIncluded" element below the "ServiceRecipient" element.</p> <p>WageReportsFromIRTTypes – Added the wrfirt:StayPeriod data type.</p> <p>WageReportsFromIRTTypes – Changed the type of the "Period" element below the "StayPeriodsAbroad" element. New type = wrfirt:StayPeriod.</p> <p>WageReportsFromIRTTypes – Removed the "EmployeeMax183d" element from below the "Transaction" element.</p> <p>WageReportsFromIRTTypes – Removed the "ForeignLeasedWork" element from below the "Transaction" element.</p> <p>WageReportsToIRTTypes – Changed the type of the "AllowanceCode" element from xs:list to xs:restriction.</p> <p>WageReportsToIRTTypes – Changed the type of the "BenefitCode" element from xs:list to xs:restriction.</p> <p>WageReportsToIRTTypes – Changed the type of the "ExceptionCode" element from xs:list to xs:restriction.</p> <p>WageReportsToIRTTypes – Changed the type of the "FormCode" element from xs:list to xs:restriction.</p> <p>WageReportsToIRTTypes – Changed the type of the "PaymentType" element from xs:list to xs:restriction.</p> <p>WageReportsToIRTTypes – Changed the type of the "RemunerationCode" element from xs:list to xs:restriction.</p> <p>WageReportsToIRTTypes – The structure of the "Absence" element was changed. The "NoAbsence" element was replaced with the new "AbsenceRepStartDate" and "AbsenceRepEndDate" elements.</p> <p>WageReportsToIRTTypes – The "AccInsProvIdCode" element was replaced with the new "AccInsProvId" element.</p> <p>WageReportsToIRTTypes – The type of the "Code" element inside the "EmploymentEnding" element was changed. New type = "irct:String20".</p> <p>WageReportsToIRTTypes – Corrected a typo in the name of the "Birthdate" element. New name = "BirthDate"</p> <p>WageReportsToIRTTypes – Added the "Payments" element below the "IncomeEarnerOther" element.</p> <p>WageReportsToIRTTypes – Added the "TaxTreatyCountryCode" element below the "InternationalData" element.</p> <p>WageReportsToIRTTypes – Removed the "ReimbApp" element from below the "PaidAbsence" element.</p> <p>WageReportsToIRTTypes – Added the "ReimbApp" element below the "PaidAbsencePeriod" element.</p> <p>WageReportsToIRTTypes – Added the wrtirt:Payment data type.</p> <p>WageReportsToIRTTypes – Added the wrtirt:Payments data type.</p> <p>WageReportsToIRTTypes – Changed the type of the "PaymentRef" element. New type = "irct:String50".</p> <p>WageReportsToIRTTypes – Added the "ForeignLeasedWork" element below the "Report" element.</p> <p>WageReportsToIRTTypes – Added the "RepresentativeReports" element below the "Representative" element.</p> <p>WageReportsToIRTTypes – Added the wrtirt:StayPeriod data type.</p> <p>WageReportsToIRTTypes – Changed the type of the "Period" element below the "StayPeriodsAbroad" element. New type = wrfirt:StayPeriod.</p> <p>WageReportsToIRTTypes – Removed the "EmployeeMax183d" element from below the "Transaction" element.</p> <p>WageReportsToIRTTypes – Removed the "ForeignLeasedWork" element from below the "Transaction" element.</p> <p>WageReportsToIRTTypes – Changed the "WorkMunicipalities" element to voluntary.</p> <p>WageReportsToIRTTypes – Changed the "WorkCountryAddress" element to voluntary.</p>
v1.03	24/11/2017	<p>The numbering in the name of the ZIP package was changed to match the numbering used in this document.</p> <p>Corrected the incorrect references to the signature schema occurring in the structure examples.</p> <p>StatusMessageTypes – References to the xs:boolean data type replaced with a reference to a new irct:trueOrFalse type.</p> <p>WageReportsToIRTTypes – References to the xs:boolean data type replaced with a reference to a new irct:trueOrFalse type.</p>
v1.04	25/01/2018	<p>WageReportsFromIRTTypes - Added a new data item, CreatedTimestamp, to the "Service data" (ReportData) data group.</p> <p>MainSubscriptionTypes - Added the Time range element (TimespanTimeParameter) to the "Query parameters" (DataRequestParameters) data group. The Time range element's Start and End date include the time.</p> <p>MainSubscriptionTypes - In the Time range (TimespanParameter) element, changed the start and end date data types from xs:dateTime => xs:date.</p>

Technical interface – Zip file for application developers

		MainSubscriptionTypes - Changed the Signature element in the SubscriptionsToIR element from mandatory to voluntary. PayerSummaryReportsFromIRTypes - Added a new data item, CreatedTimestamp, to the "Service data" (ReportData) data group. InvalidationsToIRTypes - Changed the Signature element in the InvalidationsToIR element from mandatory to voluntary. WageReportsToIRTypes - Changed the Signature element in the WageReportsToIR element from mandatory to voluntary. PayerSummaryReportsToIRTypes - Changed the Signature element in the PayerSummaryReportsToIR element from mandatory to voluntary. MessagesToIRTypes - Changed the Signature element in the MessagesToIR element from mandatory to voluntary. Updated the Message structure examples with respect to the changed schemas.
v1.05	23/03/2018	WageReportsToIRTypes – Changed the Signature element in the WageReportsToIR element from mandatory to voluntary. MessagesToIRTypes – Moved the "Type" element to before the "Code" element under "Id" of ComplexType. IRCommonTypes – Added a character set limitation to the "Guid" element. MessagesToIR_MessagesRequestToIR_structuresample updated to match the new schema, and the root element was changed.
v1.06	05/04/2018	WageReportSummaryFromIR.xsd – Added the new schema. WageReportSummaryFromIRTypes.xsd – Added the new schema. WageReportSummaryFromIR_structuresample.xml – Added a message structure example.
v1.07	07/06/2018	BenefitReportsToIR – Added the new schema. BenefitReportsToIRTypes.xsd – Added the new schema. BenefitReportsToIR_BenefitReportsRequestToIR_structuresample.xml – Added a message structure example.
v1.08	24/09/2018	BenefitReportsFromIR.xsd – Added the new schema. BenefitReportsFromIRTypes.xsd – Added the new schema. BenefitReportsFromIR_structuresample.xml – Added a message structure example. BenefitReportsToIRTypes – Changed the Substitute recipient details (IncomeBeneficiary) to voluntary. BenefitReportsToIRTypes – Changed the Type of substitute recipient (IncomeBeneficiaryType) to mandatory. MainSubscriptionTypes – Added the Submitter type (PartyType) data item. WageReportSummaryFromIRTypes – Corrected the maximum allowed number of the element AccInsPolicyNumberSummary. WageReportSummaryFromIRTypes – Corrected the maximum allowed number of the element IncomeEarnersSummary. WageReportSummaryFromIRTypes – Corrected the maximum allowed number of the element PensionPolicyNumbersSummary. SubscriptionsToIR_SubscriptionRequestToIR_structuresample.xml – Updated a message structure example.
v1.09	04/10/2018	MainSubscriptionTypes – Added the Submitter type (PartyType) data item that was missing from version v1.08. WageReportSummaryFromIR_structuresample.xml – Updated a message structure example.
v1.10	21/01/2019	BenefitReportsToIRTypes.xsd – Added the element UnpromptedRefund. BenefitReportsToIRTypes.xsd – Added the element PaymentReallocation. BenefitReportsToIRTypes.xsd – Added the element NoTaxEffect. BenefitReportsFromIRTypes.xsd – Added the element UnpromptedRefund. BenefitReportsFromIRTypes.xsd – Added the element PaymentReallocation. BenefitReportsFromIRTypes.xsd – Added the element NoTaxEffect. BenefitReportsToIR_structuresample.xml – Updated a message structure example. BenefitReportsFromIR_structuresample.xml – Updated a message structure example.
v1.11	4/4/2019	BenefitReportQueryService.wsdl - new WSDL description added. DataRequestToIR.xsd - Added the element BenefitReportsOneIncomeEarnerRequestToIR. DataRequestToIR.xsd - Added the element BenefitReportsOnePayerOneIncomeEarnerRequestToIR. DataRequestToIR.xsd - Added the element BenefitReportsOneIRReportIdRequestToIR. BenefitReportsToIRTypes.xsd - Added the element RecourseData. BenefitReportsToIRTypes.xsd - Corrected the way the element IncomeEarnerBasic/Birthdate is written to BirthDate. BenefitReportsFromIRTypes.xsd - Added the element RecourseData. BenefitReportsFromIRTypes.xsd - Corrected the way the element IncomeEarnerBasic/Birthdate is written to BirthDate. BenefitReportsToIR_structuresample.xml - Updated a message structure example. BenefitReportsFromIR_structuresample.xml - Updated a message structure example.

2 CONTENTS OF THE ZIP FILE

The Zip file contains the XSD descriptions of the schemas, examples of the schema structures, and the WSDL descriptions of the services.

2.1 WSDL descriptions

```
BenefitReportQueryService.wsdl
BenefitReportService.wsdl
EchoService.wsdl
InvalidationService.wsdl
MessageService.wsdl
PayerSummaryReportQueryService.wsdl
PayerSummaryReportService.wsdl
StatusService.wsdl
SubscriptionService.wsdl
WageReportQueryService.wsdl
WageReportService.wsdl
```

2.2 XSD schema files

```
AckFromIR.xsd
BenefitReportsFromIR.xsd
BenefitReportsFromIRTypes.xsd
BenefitReportsToIR.xsd
BenefitReportsToIRTypes.xsd
DataRequestToIR.xsd
Echo.xsd
InvalidationsToIR.xsd
InvalidationsToIRTypes.xsd
IRCommonTypes.xsd
LogDataFromIR.xsd
LogDataTypes.xsd
MainSubscriptionTypes.xsd
MessagesFromIR.xsd
MessagesFromIRTypes.xsd
MessagesToIR.xsd
MessagesToIRTypes.xsd
PayerSummaryReportsFromIR.xsd
PayerSummaryReportsToIR.xsd
PayerSummaryReportsToIRTypes.xsd
PayerSummaryReportTypesFromIR.xsd
StatusMessageTypes.xsd
StatusRequestToIR.xsd
StatusResponseFromIR.xsd
SubscriptionsToIR.xsd
WageReportsFromIR.xsd
WageReportsFromIRTypes.xsd
WageReportsToIR.xsd
WageReportsToIRTypes.xsd
WageReportSummaryFromIR.xsd
WageReportSummaryFromIRTypes.xsd
xmldsig-core-schema.xsd
```

2.3 Message structure examples

The examples illustrate schema structures. The data content of the elements does not match the actual data content.

```
AckFromIR_structuresample.xml
BenefitReportsFromIR_structuresample.xml
BenefitReportsToIR_BenefitReportsRequestToIR_structuresample.xml
DataRequestToIR_WageReportsOnePayerRequestToIR_structuresample.xml
Echo_structuresample.xml
InvalidationsToIR_InvalidationsRequestToIR_structuresample.xml
LogDataFromIR_structuresample.xml
```

MessagesFromIR_structuresample.xml
MessagesToIR_MessageRequestToIR_structuresample.xml
PayerSummaryReportsFromIR_structuresample.xml
PayerSummaryReportsRequestToIR_structuresample.xml
StatusRequestToIR_structuresample.xml
StatusResponseFromIR_structuresample.xml
SubscriptionsToIR_SubscriptionRequestToIR_structuresample.xml
WageReportsFromIR_structuresample.xml
WageReportsToIR_WageReportRequestToIR_structuresample.xml
WageReportSummaryFromIR_structuresample.xml