

Inland Revenue

Build pack: Return service

Date: 11/09/2017
Version: v0.8 DRAFT

IN CONFIDENCE

Contents

1 Overview.....	4
1.1 This solution	4
1.2 Intended audience.....	4
1.3 Supported onboarding packs.....	4
1.4 Related build packs	4
1.4.1 Identity and Access services build pack.....	4
1.4.2 Employment service build pack	5
1.5 Prerequisites	5
2 Solution design	5
2.1 Architecture.....	5
2.2 Service scope	6
2.3 Messaging	6
2.4 Security	7
3 Operations	8
3.1 File.....	9
3.1.1 GST usage	12
3.1.2 AIM usage.....	15
3.1.3 EI usage	17
3.2 Prepop	20
3.2.1 GST usage	20
3.2.2 AIM usage.....	21
3.2.3 EI usage	22
3.3 RetrieveStatus	23
3.4 RetrieveReturn.....	24
3.4.1 GST usage	24
3.4.2 AIM usage.....	25
3.4.3 EI usage	27
3.5 RetrieveFilingObligation.....	28
4 End points, schemas and WSDLs.....	29
4.1 End points	29
4.2 Schemas	29
4.3 WSDLs.....	29
5 Responses.....	30
5.1 Generic gateway response codes	30
5.2 Generic return response codes	31
5.3 AIM-specific response codes	31
6 Processing flows.....	32
6.1 Generic use cases.....	32

6.1.1	Preparing a return	32
6.1.2	Filing a return	32
6.1.3	Retrieving standard user data	33
6.1.4	Filing an amended return	33
6.2	GST-specific use cases	34
6.2.1	Preparing to off-board client (for tax agents)	34
6.3	AIM-specific use cases	34
6.3.1	Retrieve income tax details for AIM customers	34
6.4	EI-specific use cases	34
6.4.1	Preparing to off-board client (for PAYE intermediaries)	34
7	Appendix A—Sample payloads	35
7.1	File	35
7.1.1	GST payloads	35
7.1.2	AIM payloads	36
7.1.3	EI payloads	38
7.2	Prepop	40
7.2.1	GST payloads	40
7.2.2	AIM payloads	42
7.2.3	EI payloads	43
7.3	RetrieveStatus	44
7.3.1	Payloads	44
7.4	RetrieveReturn	45
7.4.1	GST payloads	45
7.4.2	AIM payloads	46
7.4.3	EI payloads	48
7.5	RetrieveFilingObligation	51
7.5.1	GST payloads	51
8	Appendix B—Glossary	52
9	Appendix C—Policy and supporting legislation	54

1 Overview

1.1 This solution

Inland Revenue (IR) has a suite of digital services available for consumption by our service providers that support efficient, electronic business interactions with IR. The Return service described in this build pack document forms part of a suite of Gateway Services.

This is a stand-alone document intended to provide the technical details required to support the end-to-end onboarding Gateway Services. It describes the architecture of the technical solution, schemas, endpoints, sample payloads to use in non-production environments, and also its interaction with other build packs that cover different aspects of Gateway Services. The associated onboarding documents describe the end-to-end business level solution, of which this build pack forms part.

1.2 Intended audience

The solution outlined in this document is intended to be used by technical teams and development staff. It describes the technical interactions, including responses, provided by the Return service.

The reader is assumed to have a suitable level of technical knowledge in order to comprehend the information provided. A range of technical terms and abbreviations are used throughout this document, and while most of these will be understood by the intended readers, a [glossary](#) is provided at the end.

1.3 Supported onboarding packs

The following IR onboarding packs are supported by this build pack:

- GST via Gateway Services
- Accounting Income Method (AIM) via Gateway Services
- Employment Activities via Gateway Services.

1.4 Related build packs

The following Gateway Services build packs complement this one.

1.4.1 Identity and Access services build pack

The Identity and Access (IAS) services build pack describes the operations provided under Identity and Access services, which is another part of the Gateway Services suite. These services are used to authenticate access.

This Return service build pack was written using information from version 1.1 of the Identity and Access services build pack.

1.4.2 Employment service build pack

The Employment service build pack describes the operations provided under the Employment web service, which forms part of the Gateway Services suite. The operations offered to employers by this service include the ability to create, update and terminate employment, as well as retrieve a list of employees.

This Return service build pack was written using information from version 0.8 of the Employment Service build pack.

1.5 Prerequisites

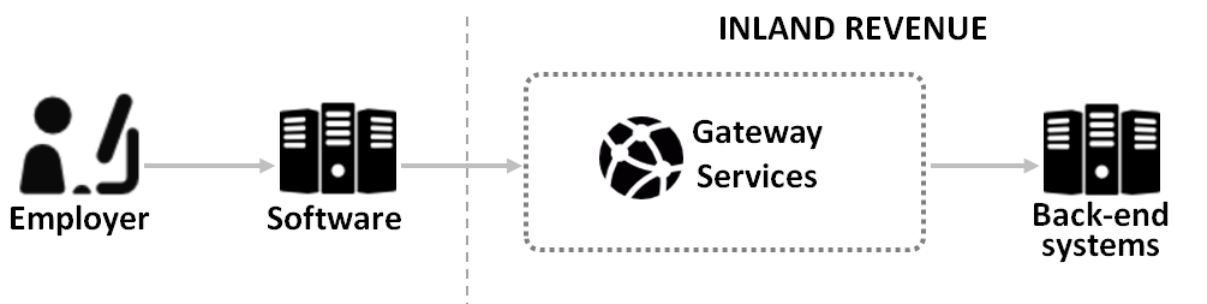
Party	Requirement	Description
Inland Revenue	Provide the IR public certificate for mutual TLS	IR's public X.509 certificate to support TLS will be provided as part of connectivity testing
Service provider	Acquire a X.509 certificate from a competent authority for the Test and Production environments	This is required when using mutual TLS with cloud-based service providers.

2 Solution design

2.1 Architecture

Inland Revenue is offering a suite of web services in order to facilitate interactions with IR via software packages. The Gateway Services suite will be used by approved software vendors to facilitate everything from registration activities, filing returns, making payments and other service offerings in order to allow customers to interact with IR.

The diagram below illustrates the flow of data from the customer to Inland Revenue.



The WSDLs for the Gateway Services define an 'any' XML request and response structure, which then relies on a group of XSDs to define the data structure of those requests and responses. Each request and response type will define a lower, 'wrapper' element.

Any malformed XML will instantly be rejected by the Gateway Services prior to any schema validation.

2.2 Service scope

The Return service supports the following operations:

- **File:** This service is used to submit a return to IR for a customer.
- **Prepop:** This service is used by software to provide figures to assist in the calculation and display of return information prior to submission.
- **RetrieveStatus:** This service is used by software to return a status for a particular return.
- **RetrieveReturn:** This service retrieves a previously submitted return and the values associated to that return.
- **RetrieveFilingObligation:** This service retrieves the expectations for a customer to file a return.

2.3 Messaging

All SOAP messages require a SOAP header containing **To:** and **Action:** parameters, as well as a SOAP body containing a structured XML payload. Please refer to the WSDL for the correct addresses.

The Gateway Services allow the consumption of any structured XML payload but will be validated against the IR-published XSDs.

This is a late binding validation, performed after authentication has been reviewed. The message structure of these services is a simple request/response. The XML request will be checked for well-formed XML before the schema validation. Responses to these requests will be in XML format as well and will be defined in the same schemas that define the requests.

Any XML submissions in the SOAP body that do not meet the provided schemas will not be accepted by the Gateway Services. Incorrect namespaces will also fail validation against the published schemas.

Example SOAP request structure

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
  xmlns:prep="https://services.ird.govt.nz/GWS>Returns/:types/PrepopRequest"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>https://services.ird.govt.nz/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/Operation</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:Prepop>
      <ret:ReturnPrepopRequestMsg>
        <prep:PrepopRequestWrapper>
          <rc:formInfoRequest xmlns:xsi...
            <...PrepopFields...>
          </rc:formInfoRequest>
        </prep:PrepopRequestWrapper>
      </ret:ReturnPrepopRequestMsg>
    </ret:Prepop>
  </soap:Body>
</soap:Envelope>
```

Example SOAP response structure

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action s:mustUnderstand="1">
      https://services.ird.govt.nz/GWS>Returns/Return/FileResponse
    </a:Action>
  </s:Header>
  <s:Body>
    <FileResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <FileResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/FileResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:FileResponseWrapper>
          <fileResponse xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
            <statusMessage>
              <statusCode>0</statusCode>
              <errorMessage/>
            </statusMessage>
          </fileResponse>
        </b:FileResponseWrapper>
      </FileResult>
    </FileResponse>
  </s:Body>
</s:Envelope>
```

2.4 Security

An OAuth token is required in the HTTP header and can be acquired via an IAS call. Users will authenticate using their IR Online Services credentials.

Any authorisation for using the Gateway Services will reflect the permissions set in Online Services—Gateway Services permissions will never exceed those granted in Online Services. For example, if a user does not have permission to file a return online, they will not be able to file a return via Gateway Services either.

The Gateway Services use an HTTP transport layer, with HTTP1.1 transport protocol supported.

The Gateway Services also use the SOAP version 1.2 protocol.

The SOAP service contract is published using WSDL version 1.1.

Transport layer encryption is mandatory and uses the TLS version 1.2 specification. The use of any version of SSL or versions of TLS prior to TLS 1.2 is prohibited.

NZISM requires the following ciphers and key strengths to be used, noting that TLS must use SHA-2:

Encryption:	Advanced Encryption Standard (AES)	FIPS 197	256-bit key
Hashing:	Secure Hash Algorithm (SHA)	FIPS 180-3	SHA-256

When mutual TLS is used, there is no requirement for service providers to provide IP addresses that IR will use to perform IP filtering.

3 Operations

IMPORTANT: *The schemas listed here are subject to change. For the authoritative definitions, please refer to the WSDLs, schemas and supporting examples.*

The structures of all Gateway Service operations are intended to produce the most efficient requests and responses. Any common structures and fields will be used across many schemas and tax types through an intentional inheritance method. The section below describes the structure of each operation and the scenarios in which certain fields will be used in XML requests and responses.

This section contains schema aliases:

- Cmn: Common.xsd
- Rc: ReturnCommon.xsd
- R: returnSpecific.xsd (for example ReturnGST.xsd, ReturnAIM.xsd, ReturnEI.xsd)

NOTE: Some requests and responses live in ReturnCommon.xsd but can still be generated from an inheriting return-specific XSD. This could mean the schemaLocation could be different, depending on where the payload was generated from. Any method of generating these payloads is accepted. This applies to the fileResponse XML directly below.

The response structure for all File requests will use the two default service response fields: **statusCode** and **errorMessage**. The identifier for this XML is fileResponse in the ReturnCommon namespace.

For example:

```
<fileResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <StatusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </StatusMessage>
</fileResponse>
```

All operations for the Return service will contain two standard header fields: **softwareProviderData** and **identifier**.

For example:

```
<cmn:softwareProviderData>
  <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
  <cmn:softwarePlatform>SoftwarePackage</cmn:softwarePlatform>
  <cmn:softwareRelease>v1</cmn:softwareRelease>
</cmn:softwareProviderData>

<cmn:identifier IdentifierValueType="IRD">012345678</cmn:identifier>
```


Field	Description
softwareProvider	The company that developed the software
softwarePlatform	The software package that is making the request
softwareRelease	The version of the software package
IdentifierValueType	The ID type being submitted. This can be IRD, NZBN or ACCID. The value submitted for this field should contain only digits, with no dashes.

Proper use:

- All softwareProviderData fields will need to be the same as to what has been provided to Inland Revenue at the time of on-boarding
- The identifier is that of the tax payer on whose behalf the operations are being performed.

Example scenario:

- Third party with IRD 898989898 submits for client IRD 121212121
 - Third party calls /Returns/File/ with
`<cmn:identifier IdentifierValueType="IRD">121212121</cmn:identifier>`

3.1 File

The File operation will be used to submit all returns, regardless of the tax type. All forms will be observed by the same request and response structures defined in each tax-specific XSD.

Base structure:

```
<r:fileRequest namespaces...>
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>
      <rc:formFields xsi:type="r:FormFieldsType">
        <...tax specific fields...>
      </rc:formFields>
    </rc:fileBody>
  </r:fileRequest>
```

Field	Description
fileHeader	The standard header for File requests across all tax types
fileBody	The standard body structure for File requests across all tax types
standardFields	A group of fields standard across all tax types
formFields	A wrapper that will contain tax form-specific fields

<FileHeader> structure:

```
<r:fileRequest namespaces...>
  <rc:fileHeader>
    <cmn:softwareProviderData>
      <cmn:softwareProvider>Software1</cmn:softwareProvider>
      <cmn:softwarePlatform>Software1Package</cmn:softwarePlatform>
      <cmn:softwareRelease>v1</cmn:softwareRelease>
    </cmn:softwareProviderData>
    <cmn:identifier IdentifierValueType="IRD">012345678</cmn:identifier>
    <rc:accountType>GST</rc:accountType>
    <rc:periodEndDate>2017-03-31</rc:periodEndDate>
    <rc:majorFormType>GST</rc:majorFormType>
    <rc:minorFormType>101A</rc:minorFormType>
  </rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>
      <rc:formFields xsi:type="r:FormFieldsType">
        <...tax specific fields...>
      </rc:formFields>
    </rc:fileBody>
  </r:fileRequest>
```

Field	Requirement	Description
accountType	Required	Also the tax type
periodEndDate	Required	The period in which a return exists or the period for which it is being submitted
majorFormType	Required	The form type (ie GST, SOA etc)
minorFormType	Optional	The form number to the major form type, for example 101A vs 103G. NOTE: This is REQUIRED for major form types that have more than one minorFormType such as GST.

Proper uses:

- The major and minor form types will be used together to determine the submission form.

Example scenario:

- Attempting to submit a GST103H for the 2018-January period.


```
<rc:accountType>GST</rc:accountType>
<rc:periodEndDate>2018-01-31</rc:periodEndDate>
<rc:majorFormType>GST</rc:majorFormType>
<rc:minorFormType>103H</rc:minorFormType>
```

<FileBody> structure:

```
<r:fileRequest namespaces...>
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>
      <rc:formFields xsi:type="r:FormFieldsType">
        <...tax specific fields...>
      </rc:formFields>
    </rc:fileBody>
  </r:fileRequest>
```

FileBody is simply the wrapper of standardFields and formFields. The standard fields will be constant in every fileBody, but the formFields will be overridden by each tax type.

<StandardFields> structure:

```
<r:fileRequest namespaces...>
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>
      <rc:isNilReturn>>false</rc:isNilReturn>
      <rc:isFinalReturn>>false</rc:isFinalReturn>
      <rc:amendmentRequest>
        <rc:isAmended>>false</rc:isAmended>
        <rc:amendReason></rc:amendReason>
        <rc:amendDetails></rc:amendReason>
      </rc:amendmentRequest>
    </rc:standardFields>
    <rc:formFields xsi:type="r:FormFieldsType">
      <...tax specific fields...>
    </rc:formFields>
  </rc:fileBody>
</r:fileRequest>
```

Field	Requirement	Description
isNilReturn	Required	This allows for a nil return to be submitted.
isFinalReturn	Optional	This field notes that the account is ready to be closed after this filing period. NOTE: This is <u>REQUIRED</u> for all tax types other than AIM.
isAmended	Required	This allows for a return to be filed as an amendment.
amendReason	Optional	This is attached to the amendmentRequest as the reason for the amendment. This can be either KEY (incorrect amount), MATH (calculation error), OTHER, or TRNSPO (transposition error).
amendDetails	Optional	This allows for any further details on the amendmentRequest. NOTE: If isAmended=true then amendReason and amendDetails are required.

Proper uses:

- Most standard submissions will require isNilReturn to be *false*, isFinalReturn to be *false*, and isAmended to be *false*.

Example scenario:

- Attempting to amend a GST return due to lack of information from client.

```
<rc:isNilReturn>>false</rc:isNilReturn>
<rc:isFinalReturn>>false</rc:isFinalReturn>
<rc:isAmended>>true</rc:isAmended>
<rc:amendReason>KEY</rc:amendReason>
<rc:amendDetails>Client withheld receipts of large business costs purchased during this GST filing period</rc:amendDetails>
```

3.1.1 GST usage

For GST, the formFields consists of three groups: gstSpecificFields, provSpecificFields, and transitionalFields.

<FormFields> structure (for GST):

```
<r:fileRequest namespaces...>
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>
      <rc:formFields xsi:type="r:FormFieldsType">
        <r:gstSpecificFields/>
        <r:provSpecificFields/>
        <r:transitionalFields/>
      </rc:formFields>
    </rc:fileBody>
  </r:fileRequest>
```

Field	Requirement	Description
gstSpecificFields	Required	The fields in the group are standard GST101 fields
provSpecificFields	Optional	The provisional tax fields required for any GST103 form
transitionalFields	Optional	Additional fields used for a transitional period return

<gstSpecificFields> structure:

```
<r:fileRequest namespaces...>
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>
      <rc:formFields xsi:type="r:FormFieldsType">
        <r:gstSpecificFields>
          <r:totalSales>61223.50</r:totalSales>
          <r:zeroRatedSupplies>2210.55</r:zeroRatedSupplies>
          <r:debitAdjustment>
            <r:privateUsePeriodAdjustment>123.45</r:privateUsePeriodAdjustment>
            <r:privateUseOneOff>123.45</r:privateUseOneOff>
            <r:assetsAfterCease>123.45</r:assetsAfterCease>
            <r:entertainment>123.45</r:entertainment>
            <r:changeAccountingBasis>123.45</r:changeAccountingBasis>
            <r:exemptSupplies>123.45</r:exemptSupplies>
            <r:currentRateGSTAdjustments>123.45</r:currentRateGSTAdjustments>
            <r:other>123.45</r:other>
            ...OR...
            <r:totalDebitAdjustment>321.45</r:totalDebitAdjustment>
          <r:totalExpenses>6001.20</r:totalExpenses>
          <r:creditAdjustment>
```

```

    <r:useOfPrivateGoods>123.45</r:useOfPrivateGoods>
    <r:privateAssetsForBusiness>123.45</r:privateAssetsForBusiness>
    <r:changeAccountingBasis>123.45</r:changeAccountingBasis>
    <r:currentRateGSTCredits>123.45</r:currentRateGSTCredits>
    <r:other>123.45</r:other>
    ...OR...
    <r:totalCreditAdjustment>321.45</r:totalCreditAdjustment>
    <r:totalGST>123456.78</r:totalGST>
  </r:gstSpecificFields>
  <r:transitionalFields/>
  <r:provSpecificFields/>
</rc:formFields>
</rc:fileBody>
</r:fileRequest>

```

Field	Requirement	Description
totalSales	Required	Total sales and income for the period (GST and zero-rated supplies)
zeroRatedSupplies	Required	Zero-rated supplies included in totalSales
debitAdjustment	Required	Calculation fields for determining debit adjustments OR the debit adjustment total
totalExpenses	Required	Total purchases and expenses (including GST) for which tax invoicing requirements have been met
creditAdjustment	Required	Calculation fields for determining credit adjustments OR the debit adjustment total
totalGST	Required	Total GST collected on sales and income

<transitionalFields> structure:

```

<r:fileRequest namespaces...>
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <r:standardFields>
    <rc:formFields xsi:type="r:FormFieldsType">
      <r:gstSpecificFields/>
      <r:transitionalFields>
        <r:totalSales>1324</r:totalSales>
        <r:zeroRatedSupplies>123</r:zeroRatedSupplies>
        <r:debitAdjustments>
          <r:privateUsePeriodAdjustment></r:privateUsePeriodAdjustment>
          <r:privateUseOneOff></r:privateUseOneOff>
          <r:assetsAfterCease></r:assetsAfterCease>
          <r:entertainment></r:entertainment>
          <r:changeAccountingBasis></r:changeAccountingBasis>
          <r:exemptSupplies></r:exemptSupplies>
          <r:currentRateGSTAdjustments></r:currentRateGSTAdjustments>
          <r:other></r:other>
          ...OR....
          <r:totalDebitAdjustment>321.45</r:totalDebitAdjustment>
        </r:debitAdjustments>
        <r:totalExpenses>123</r:totalExpenses>
        <r:creditAdjustments>
          <r:useOfPrivateGoods></r:useOfPrivateGoods>
          <r:privateAssetsForBusiness></r:privateAssetsForBusiness>
          <r:changeAccountingBasis></r:changeAccountingBasis>
          <r:currentRateGSTCredits></r:currentRateGSTCredits>

```

```

    <r:other></r:other>
    ...OR...
    <r:totalCreditAdjustment>321.45</r:totalCreditAdjustment>
  </r:creditAdjustments>
  <r:totalGST>123</r:totalGST>
  <r:totalTransitionalAndStandardGST></r:totalTransitionalAndStandardGST>
</r:transitionalFields>
<r:provSpecificFields/>
</rc:formFields>
</rc:fileBody>
</r:fileRequest>

```

Field	Description
totalTransitionalAndStandardGST	This field is the sum of the totalGST fields from the standard GST and the transitional GST sections.

Proper uses:

- The transitionalFields should only be used in the case of a national GST ratio change. If the ratio changes in the middle of a filing period, the next return submission would include these transitional fields. These fields are a copy of the GST specific fields with the totalTransitionalAndStandardGST field at the end.

<provSpecificFields> structure:

```

<r:fileRequest namespaces...>
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>
    <rc:formFields xsi:type="r:FormFieldsType">
      <r:gstSpecificFields/>
      <r:transitionalFields/>
      <r:provSpecificFields>
        <r:ratioTaxPercent></r:ratioTaxPercent>
        <r:ratioLastMonthTotalSales></r:ratioLastMonthTotalSales>
        <r:ratioMultiBranchTotalSales></r:ratioMultiBranchTotalSales>
        <r:ratioAssetAdjustment></r:ratioAssetAdjustment>
        <r:provTaxInstalmentAmount>123.45</r:provTaxInstalmentAmount>
        <r:refundTransferAmountToProv></r:refundTransferAmountToProv>
        <r:totalGSTandProvToPay>12345.56</r:totalGSTandProvToPay>
      </r:provSpecificFields>
    </rc:formFields>
  </rc:fileBody>
</r:fileRequest>

```

Fields	Requirement	Description
ratioTaxPercent	Optional	Ratio percentage.
ratioLastMonthTotalSales	Optional	Total sales and income for the previous month's return.
ratioMultiBranchTotalSales	Optional	If user has more than one branch, total sales and income for all other branches/divisions.
ratioAssetAdjustment	Optional	If an asset has been sold in the last two months, an adjustment for the asset's worth can be made in this field.
provTaxInstalmentAmount	Required	The ratio percentage multiplied by the difference between the asset's adjustment and total sales and income.
refundTransferAmountToProv	Optional	If the user is expecting a refund, an amount to be transferred to provisional tax can be specified in this field.
totalGSTandProvToPay	Required	The combination of the provisional tax instalment due and either a GST refund or GST to pay.

When submitting the GST 101 form the optional provisional fields should be left blank, unless submitting a GST 103 form.

3.1.2 AIM usage

<FormFields> structure (for AIM):

```

<r:fileRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
  xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1"
  xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
  xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1">
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields/>
    <rc:formFields xsi:type="r:FormFieldsType">
      <r:aimInstalmentDate/>
      <r:grossSalesAndServiceIncome/>
      <r:openingStock/>
      <r:purchases/>
      <r:closingStock adjustedBy="" unadjustedValue=""/>
      <r:grossProfit/>
      <r:interestReceived/>
      <r:dividendsReceived/>
      <r:rentLeaseLicenceIncome/>
      <r:otherIncome/>
      <r:badDebts/>
      <r:depreciationAndAmortisation/>
      <r:insurance/>
      <r:interestExpense/>
      <r:fees/>
      <r:rates/>
      <r:rentsLeasesLicences/>
      <r:repairsAndMaintenance/>
      <r:researchAndDevelopment/>
      <r:relatedPartyRemuneration/>
    </rc:formFields>
  </rc:fileBody>
</r:fileRequest>

```

```

<r:salariesAndWages/>
<r:contractorPayments/>
<r:otherExpenses/>
<r:exceptionalItems/>
<r:netProfitLossBeforeTax/>
<r:taxAdjustments/>
<r:currentYearTaxableProfitLoss/>
<r:accountsReceivable adjustedBy="" unadjustedValue=""/>
<r:cashAndDeposits/>
<r:otherCurrentAssets/>
<r:vehicles/>
<r:plantAndMachinery/>
<r:furnitureAndFittings/>
<r:land/>
<r:buildings/>
<r:otherFixedAssets/>
<r:intangibles/>
<r:sharesAndOwnershipInterests/>
<r:termDeposits/>
<r:otherNonCurrent/>
<r:provisions adjustedBy="" unadjustedValue=""/>
<r:provisionsForShareholderSalaries adjustedBy=""
unadjustedValue=""/>
<r:accountsPayable adjustedBy="" unadjustedValue=""/>
<r:currentLoans/>
<r:otherCurrentLiabilities/>
<r:nonCurrentLiabilities/>
<r:ownersEquity/>
<r:taxDepreciation adjustedBy="" unadjustedValue=""/>
<r:unTaxedRealisedGainsAndReceipts/>
<r:additionsToFixedAssets/>
<r:disposalOfFixedAssets/>
<r:depreciationRecovered adjustedBy="" unadjustedValue=""/>
<r:losses adjustedBy="" unadjustedValue=""/>
<r:privateUse adjustedBy="" unadjustedValue=""/>
<r:dividendsPaid/>
<r:drawings/>
<r:currentAccountYearEndBalances/>
<r:taxDeductibleLossOnDisposalOfFixedAssets/>
<r:otherAdjustments>
  <r:adjustments>
    <r:amount/>
    <r:description/>
  <r:adjustments/>
  <r:otherAdjustments/>
<r:yearToDate/>
<r:thisInstalment/>
<r:shareholderProvTax/>
<r:refundAmount/>
<r:refundIndicator/>
</rc:formFields>
</rc:fileBody>
</r:fileRequest>

```


Attribute	Description
adjustedBy	This value will specify who is making this adjustment. It will either be 'system' or 'user'.
unadjustedValue	This value will be the previous value for this field. The new value will be placed between the field tags.

The otherAdjustment field is used for any adjustment with no specific field defined. Minimum of 0 additional adjustments, maximum of 20 additional adjustments.

3.1.3 EI usage

The EI return can be submitted once per payDayDate for every periodEndDate.

<FormFields> structure (for EI):

```
<r:fileRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
  xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
  xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
  xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1">
  <rc:fileHeader>...</rc:fileHeader>
  <rc:fileBody>
    <rc:standardFields>...</rc:standardFields>
    <rc:formFields xsi:type="r:FormFieldsType">
      <r:payDayDate/>
      <r:piIrdNumber/>
      <r:contactName/>
      <r:contactPhoneNumber/>
      <r:contactEmail/>
      <r:employeeFields>
        <r:employee>
          <r:irdNumber/>
          <r:employeeName/>
          <r:taxCode/>
          <r:payPeriodStartDate/>
          <r:payPeriodEndDate/>
          <r:employmentStartDate/>
          <r:employmentFinishDate/>
          <r:employeePayFrequency/>
          <r:grossEarnings/>
          <r:earningsNotLiableACC/>
          <r:lumpSumIndicator/>
          <r:payeSchedularTaxDeductions/>
          <r:childSupportCode/>
          <r:childSupportDeductions/>
          <r:studentLoansDeductions/>
          <r:kiwisaverEmployerContributions/>
          <r:kiwisaverDeductions/>
          <r:taxCreditPayrollDonations/>
          <r:esctDeducted/>
          <r:familyTaxCredits/>
        </r:employee>
      </r:employeeFields>
      <r:totalGrossEarnings/>
      <r:totalEarningsNotLiableACC/>
      <r:totalPAYESchedularTaxDeductions/>
      <r:totalChildSupportDeductions/>
      <r:totalStudentLoansDeductions/>
      <r:totalKiwisaverEmployerContributions/>
      <r:totalKiwisaverDeductions/>
      <r:totalTaxCreditPayrollDonations/>
    </rc:formFields>
  </rc:fileBody>
</r:fileRequest>
```

```

    <r:totalESCTDeducted/>
    <r:totalFamilyTaxCredits/>
    <r:totalAmountPayable/>
  </rc:formFields>
</rc:fileBody>
</r:fileRequest>

```

Fields	Requirement	Description
payDayDate	Required	Pay day date for return submission
piIrdNumber	Optional	PAYE Intermediary IRD Number
contactName	Optional	Name of payroll contact person
contactPhoneNumber	Optional	Payroll contact phone number
contactEmail	Optional	Payroll contact email
irdNumber	Required	IRD number of the employee – it can be zeros if IRD number not known
employeeName	Required	Name of the employee
taxCode	Required	The tax code of the employee (see table below for list of acceptable values)
employmentStartDate	Optional	Employee start date
employmentFinishDate	Optional	Employee end date
payPeriodStartDate	Required	Period start date for this employee's submission
payPeriodEndDate	Required	Period end date for this employee's submission
employeePayFrequency	Optional	Pay frequency/cycle for employee (see table below for list of acceptable values)
grossEarnings	Optional	Gross earnings/scheduler payments
earningsNotLiableACC	Optional	Earnings not liable for ACC earners levy
lumpSumIndicator	Optional	Boolean for indicating lump sum
payeSchedulerTaxDeductions	Optional	PAYE/scheduler tax deductions
childSupportCode	Optional	Child support code (see table below for list of acceptable values)
childSupportDeductions	Optional	Child support deductions (sequenced with child support code)
studentLoansDeductions	Optional	Student loan deductions
kiwisaverEmployerContributions	Optional	Net KiwiSaver employer contributions

Fields	Requirement	Description
kisisaverDeductions	Optional	KiwiSaver employee deductions
taxCreditPayrollDonations	Optional	Tax credits for payroll donations
esctDeducted	Optional	Employer superannuation contribution tax
familyTaxCredits	Optional	Family tax credits (for MSD only)
totalGrossEarnings	Compulsory	Total gross earnings
totalEarningsNotLiableACC	Compulsory	Total earnings not liable for ACC Earner's Levy
totalPAYESchedularTaxDeductions	Compulsory	Total PAYE (incl. tax on scheduler payments)
totalChildSupportDeductions	Compulsory	Total Child support deductions
totalStudentLoanDeductions	Compulsory	Total Student loan deductions
totalKiwisaverEmployerContributions	Compulsory	Total Net KiwiSaver Employer contributions
totalKiwisaverDeductions	Compulsory	Total KiwiSaver deductions
totalTaxCreditPayrollDonations	Compulsory	Tax Credit Payroll Donations total
totalESCTDeductions	Compulsory	Total ESCT deducted
totalFamilyTaxCredits	Compulsory	Total Tax Credits for Payroll Donations
totalAmountPayable	Optional	Total amount payable

Tax codes		
CAE	EDW	ESS
MESL	MSL	ND
SB	SBSL	SH
SLCIR	SSL	ST
WT	M	ME
NSW	S	SHSL
SLBOR	STC	STSL

Child support code	Description
C	Ceased Employment
A	Advanced Payment
P	Protected Earnings
S	Short Term Absence
D	Deducted Previously
O	Other

Employee pay Frequency	Description
WK	Weekly
4W	Four-weekly
FT	Fortnightly
MT	Monthly
DA	Daily
AH	Ad hoc/Irregular

3.2 Prepop

The Prepop operation will be used to acquire a specific subset of fields for a given return. This operation uses the `<formInfoRequest>` structure for the request which will have a unique response across tax types.

<formInfoRequest> structure:

```
<rc:formInfoRequest xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
  xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <cmn:softwareProviderData>
    <cmn:softwareProvider>SoftwareCompany</cmn:softwareProvider>
    <cmn:softwarePlatform>SoftwarePackageA</cmn:softwarePlatform>
    <cmn:softwareRelease>V1.1</cmn:softwareRelease>
  </cmn:softwareProviderData>
  <cmn:identifier IdentifierValueType="NZBN">9412345678900</cmn:identifier>
  <rc:accountType>INC</rc:accountType>
  <rc:periodEndDate>2018-01-31</rc:periodEndDate>
  <rc:majorFormType>SOA</rc:majorFormType>
</rc:formInfoRequest>
```

3.2.1 GST usage

If the requested customer qualifies for provisional tax, then the XML response will include provisional data—otherwise it will only include standard GST fields.

<prepopResponse> structure:

```
<prepopResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
  <responseBody xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1"
    xsi:type="r:PrepopResponseBodyType">
    <r:accountId>123456798GST001</r:accountId>
    <r:periodEndDate>2018-01-31</r:periodEndDate>
    <r:filingFrequency>Two monthly – periods ending odd months</r:filingFrequency>
    <r:dueDate>2018-02-28</r:dueDate>
    <r:multiBranch>>false</r:multiBranch>
    <r:provFiler>>true</r:provFiler>
    <r:provOption>ratio</r:provOption>
  </responseBody>
</prepopResponse>
```

```

    <r:compulsory>true</r:compulsory>
    <r:provTaxInstalmentAmount>123</r:provTaxInstalmentAmount>
    <r:ratioTaxPercent>40.1</r:ratioTaxPercent>
    <r:hospiceFiler>true</r:hospiceFiler>
    <r:hospiceType>HOSPTL</r:hospiceType>
  </responseBody>
</prepopResponse>

```

Field	Requirement	Description
accountId	Required	The account id for the account
periodEndDate	Required	End date for the filing period
filingFrequency	Required	The filing frequency for this account
dueDate	Required	The due date for the return
multiBranch	Required	If the customer is a multi-branch filer
provFiler	Required	If the customer is a provisional filer
provOption	Optional	The provisional type of the customer
compulsory	Optional	If the customer is a compulsory filer
provTaxInstalmentAmount	Optional	The instalment amount for provisional filers
ratioTaxPercent	Optional	The tax percentage if the customer is a ratio provisional filer
hospiceFiler	Optional	If the customer is a hospice filer
hospiceType	Optional	The hospice type of the customer

The Prepop operation will be used to acquire a specific subset of GST fields for a return. If the requested customer qualifies for provisional tax, then the XML response will include provisional data—otherwise it will only include standard GST fields. If there is no data for a specific field, that field will not be returned in the prepop response (MinOccurs = 0).

3.2.2 AIM usage

When pre-populating a return for AIM, the tax type will be INC and the majorFormType will be SOA (for Statement of Account). The response body will only be populated if the customer is eligible for AIM.

<prepopResponse> structure:

```

<prepopResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
  <responseBody xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1"
    xsi:type="r:PrepopResponseBodyType">
    <r:irdNumber>123456789</r:irdNumber>
    <r:filingFrequency>Two Monthly Odd</r:filingFrequency>
    <r:returnPeriodDate>2018-04-30</r:returnPeriodDate>
    <r:returnType>IR4</r:returnType>
    <r:balanceDate>2018-03-31</r:balanceDate>
    <r:periodBalance>1000.54</r:periodBalance>
  </responseBody>
</prepopResponse>

```

```

    <r:residualIncomeTax>222</r:residualIncomeTax>
    <r:totalLossCarriedForward>555</r:totalLossCarriedForward>
  </responseBody>
</prepopResponse>

```

Field	Requirement	Description
irdNumber	Required	The ird number for the customer
filingFrequency	Required	The filing frequency of the statement of activity
returnPeriodDate	Required	The period of the statement
returnType	Required	The income tax return type
balanceDate	Required	The income tax balance date
periodBalance	Required	The income tax period balance
residualIncomeTax	Required	The income tax residual income tax
totalLossCarriedForward	Required	The income tax total losses carried forward

3.2.3 EI usage

<prepopResponse> structure:

```

<prepopResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
  <responseBody xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
    xsi:type="r:PrepopResponseBodyType">
    <r:employee>
      <r:irdNumber>123456789</r:irdNumber>
      <r:employeeName>MarkTwain</r:name>
      <r:taxCode>M</r:taxCode>
      <r:employmentStartDate></r:employmentStartDate>
      <r:employmentFinishDate></r:employmentEndDate>
    </r:employee>
    <r:employee>
      <r:irdNumber>123456789</r:irdNumber>
      <r:employeeName>SamualClemens</r:name>
      <r:taxCode>M</r:taxCode>
    </r:employee>
  </r:responseBody>
</prepopResponse>

```

Fields	Description
irdNumber	The IRD number of the employee. If no IRD number is available, 000000000 will be returned.
employeeName	The name of the employee is known as on the EI (20 characters)
taxCode	The tax code the employee falls under
employmentStartDate	The start date of the employment. If date is not known, nothing will be returned.

employmentFinishDate	The cease date of the employment. If employment is still on-going, nothing will be returned.
-----------------------------	--

3.3 RetrieveStatus

The RetrieveStatus operation will allow the status of a given return to be queried. The request and response structures are the same for all tax types.

<formInfoRequest> structure:

```
<rc:formInfoRequest xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
  xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
  <cmn:softwareProviderData>
    <cmn:softwareProvider>SoftwareCompany</cmn:softwareProvider>
    <cmn:softwarePlatform>SoftwarePackageA</cmn:softwarePlatform>
    <cmn:softwareRelease>V1.1</cmn:softwareRelease>
  </cmn:softwareProviderData>
  <cmn:identifier IdentifierValueType="NZBN">9412345678900</cmn:identifier>
  <rc:accountType>GST</rc:accountType>
  <rc:periodEndDate>2018-01-31</rc:periodEndDate>
  <rc:majorFormType>GST</rc:majorFormType>
</rc:formInfoRequest>
```

<retrieveStatusResponse> structure:

```
<retrieveStatusResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
  <responseBody>
    <status>Processed</status>
  </responseBody>
</statusResponse>
```

Status	Description
Amended	This status is displayed when the return is amended.
Under review	This status is displayed when the return is included in audit.
Default assessment	This status is displayed when the return is a default assessment.
Converted-penalty	This status is displayed when the return was not filed but created in the conversion process to house a late file penalty.
Expected	This status is displayed when the return has generated return expectation.
Processing	This status is displayed when the return is processing.

Status	Description
Late-processing	This status is displayed when the return is received late and processing.
Late-processed	This status is displayed when the return is processed late.
Late-received	This status is displayed when the return is received late.
New	This status is displayed when the return is not processed.
Optional	This status is displayed when the return is not required to be filed, but the customer may choose to file anyway.
Ontime-processing	This status is displayed when the return is received on time and processing.
Ontime-processed	This status is displayed when the return is processed on time.
Ontime-received	This status is displayed when the return is received on time.
Overdue	This status is displayed when the return is overdue.
Submitted	This status is displayed when the return is submitted by the customer.
Posted	This status is displayed when the return is posted.
Processed	This status is displayed when the return is processed.
Received	This status is displayed when the return is received.

3.4 RetrieveReturn

The retrieveReturn operation allows for any previously submitted return to be viewed.

<formInfoRequest> structure:

```
<rc:formInfoRequest xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
  xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
  <cmn:softwareProviderData>
    <cmn:softwareProvider>SoftwareCompany</cmn:softwareProvider>
    <cmn:softwarePlatform>SoftwarePackageA</cmn:softwarePlatform>
    <cmn:softwareRelease>V1.1</cmn:softwareRelease>
  </cmn:softwareProviderData>
  <cmn:identifier IdentifierValueType="NZBN">9412345678900</cmn:identifier>
  <rc:accountType>GST</rc:accountType>
  <rc:periodEndDate>2018-01-31</rc:periodEndDate>
  <rc:majorFormType>GST</rc:majorFormType>
</rc:formInfoRequest>
```

3.4.1 GST usage

The RetrieveReturn operation is used to acquire a full GST return. The RetrieveReturn response is delivered in the same format the File request. For details on the fields returned here, see Section 3.1.1 for more details.

<retrieveReturnResponse> structure:

```
<retrieveReturnResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
  <responseBody xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1"
    xsi:type="r:RetrieveReturnResponseBodyType">
    <r:standardFields>
      <isNilReturn xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"/>
    </r:standardFields>
    <r:formFields>
      <r:gstSpecificFields>
        <r:totalSales></r:totalSales>
        <r:zeroRatedSupplies></r:zeroRatedSupplies>
        <r:debitAdjustments>
          <r:privateUsePeriodAdjustment></r:privateUsePeriodAdjustment>
          <r:privateUseOneOff></r:privateUseOneOff>
          <r:assetsAfterCease></r:assetsAfterCease>
          <r:entertainment></r:entertainment>
          <r:changeAccountingBasis></r:changeAccountingBasis>
          <r:exemptSupplies></r:exemptSupplies>
          <r:currentRateGSTAdjustments></r:currentRateGSTAdjustments>
          <r:other></r:other>
        </r:debitAdjustments>
        <r:totalExpenses></r:totalExpenses>
        <r:creditAdjustments>
          <r:useOfPrivateGoods></r:useOfPrivateGoods>
          <r:privateAssetsForBusiness></r:privateAssetsForBusiness>
          <r:changeAccountingBasis></r:changeAccountingBasis>
          <r:currentRateGSTCredits></r:currentRateGSTCredits>
          <r:other></r:other>
        </r:creditAdjustments>
        <r:totalGST></r:totalGST>
      </r:gstSpecificFields>
      <r:provSpecificFields>
        <r:ratioTaxPercent></r:ratioTaxPercent>
        <r:ratioLastMonthTotalSales></r:ratioLastMonthTotalSales>
        <r:ratioMultiBranchTotalSales></r:ratioMultiBranchTotalSales>
        <r:ratioAssetAdjustment></r:ratioAssetAdjustment>
        <r:provTaxInstalmentAmount>123.45</r:provTaxInstalmentAmount>
        <r:refundTransferAmountToProv></r:refundTransferAmountToProv>
        <r:totalGSTandProvToPay>12345.56</r:totalGSTandProvToPay>
      </r:provSpecificFields>
    </r:formFields>
  </r:responseBody>
</r:retrieveReturnResponse>
```

3.4.2 AIM usage

For details on the fields returned here, see [Section 3.1.2](#) of this document.

<retrieveReturnResponse> structure:

```
<retrieveReturnResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
```

```

<responseBody xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1"
  xsi:type="r:RetrieveReturnResponseBodyType">
  <r:standardFields>
    <isNilReturn xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"/>
  </r:standardFields>
  <r:formFields>
    <r:aimInstalmentDate></r:aimInstalmentDate>
    <r:grossSalesAndServiceIncome></r:grossSalesAndServiceIncome>
    <r:openingStock></r:openingStock>
    <r:purchases></r:purchases>
    <r:closingStock adjustedBy="" unadjustedValue=""></r:closingStock>
    <r:grossProfit></r:grossProfit>
    <r:interestReceived></r:interestReceived>
    <r:dividendsReceived></r:dividendsReceived>
    <r:rentLeaseLicenceIncome></r:rentLeaseLicenceIncome>
    <r:otherIncome></r:otherIncome>
    <r:badDebts></r:badDebts>
    <r:depreciationAndAmortisation></r:depreciationAndAmortisation>
    <r:insurance></r:insurance>
    <r:interestExpense></r:interestExpense>
    <r:fees></r:fees>
    <r:rates></r:rates>
    <r:rentsLeasesLicences></r:rentsLeasesLicences>
    <r:repairsAndMaintenance></r:repairsAndMaintenance>
    <r:researchAndDevelopment></r:researchAndDevelopment>
    <r:relatedPartyRemuneration></r:relatedPartyRemuneration>
    <r:salariesAndWages></r:salariesAndWages>
    <r:contractorPayments></r:contractorPayments>
    <r:otherExpenses></r:otherExpenses>
    <r:exceptionalItems></r:exceptionalItems>
    <r:netProfitLossBeforeTax></r:netProfitLossBeforeTax>
    <r:taxAdjustments></r:taxAdjustments>
    <r:currentYearTaxableProfitLoss></r:currentYearTaxableProfitLoss>
    <r:accountsReceivable adjustedBy="" unadjustedValue=""/>
    <r:cashAndDeposits></r:cashAndDeposits>
    <r:otherCurrentAssets></r:otherCurrentAssets>
    <r:vehicles></r:vehicles>
    <r:plantAndMachinery></r:plantAndMachinery>
    <r:furnitureAndFittings></r:furnitureAndFittings>
    <r:land></r:land>
    <r:buildings></r:buildings>
    <r:otherFixedAssets></r:otherFixedAssets>
    <r:intangibles></r:intangibles>
    <r:sharesAndOwnershipInterests></r:sharesAndOwnershipInterests>
    <r:termDeposits></r:termDeposits>
    <r:otherNonCurrent></r:otherNonCurrent>
    <r:provisions adjustedBy="" unadjustedValue=""></r:provisions>
    <r:provisionsForShareholderSalaries adjustedBy="" unadjustedValue=""/>
    <r:accountsPayable adjustedBy="" unadjustedValue=""/>
    <r:currentLoans></r:currentLoans>
    <r:otherCurrentLiabilities></r:otherCurrentLiabilities>
    <r:nonCurrentLiabilities></r:nonCurrentLiabilities>
    <r:ownersEquity></r:ownersEquity>
    <r:taxDepreciation adjustedBy="" unadjustedValue=""/>
    <r:unTaxedRealisedGainsAndReceipts/>
    <r:additionsToFixedAssets></r:additionsToFixedAssets>
    <r:disposalOfFixedAssets></r:disposalOfFixedAssets>
    <r:depreciationRecovered adjustedBy="" unadjustedValue=""/>
    <r:losses adjustedBy="" unadjustedValue=""></r:losses>
    <r:privateUse adjustedBy="" unadjustedValue=""></r:privateUse>
    <r:dividendsPaid></r:dividendsPaid>
    <r:drawings></r:drawings>
    <r:currentAccountYearEndBalances/>
    <r:taxDeductibleLossOnDisposalOfFixedAssets/>
    <r:otherAdjustments>
      <r:adjustments>

```

```

        <r:amount/>
        <r:description/>
        <r:adjustments/>
        <r:otherAdjustments/>
        <r:yearToDate></r:yearToDate>
        <r:thisInstalment></r:thisInstalment>
        <r:shareholderProvTax></r:shareholderProvTax>
        <r:refundAmount></r:refundAmount>
        <r:refundIndicator></r:refundIndicator>
      </r:formFields>
    </r:responseBody>
  </r:retrieveReturnResponse>

```

3.4.3 EI usage

For details on the fields returned here, see [section 3.2.3](#) of this document.

Employment Information is unique in that it requires a retrieveReturnRequest and does not use retrieveFormInfoRequest for the RetrieveReturn operation. This is because EI requires payDayDate in order to locate a specific return.

<retrieveReturnRequest> structure:

```

<r:retrieveReturnRequest xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1"
  xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
  xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1">
  <cmn:softwareProviderData>
    <cmn:softwareProvider>SoftwareCompany</cmn:softwareProvider>
    <cmn:softwarePlatform>SoftwarePackageA</cmn:softwarePlatform>
    <cmn:softwareRelease>V1.1</cmn:softwareRelease>
  </cmn:softwareProviderData>
  <cmn:identifier IdentifierValueType="NZBN">9412345678900</cmn:identifier>
  <rc:accountType>GST</rc:accountType>
  <rc:periodEndDate>2018-01-31</rc:periodEndDate>
  <rc:majorFormType>GST</rc:majorFormType>
  <r:payDayDate>2018-01-28</r:payDayDate/>
</r:retrieveReturnRequest>

```

<retrieveReturnResponse> structure:

```

<retrieveReturnResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
  <responseBody xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
    xsi:type="r:RetrieveReturnResponseBodyType">
    <r:standardFields>
      <isNilReturn xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"/>
    </r:standardFields>
    <r:formFields>
      <r:employeeFields>
        <r:employee>
          <r:irdNumber></r:irdNumber>
          <r:employeeName></r:employeeName>
          <r:taxCode></r:taxCode>
          <r:payPeriodStartDate></r:payPeriodStartDate>
          <r:payPeriodEndDate></r:payPeriodEndDate>
        </r:employee>
      </r:employeeFields>
    </r:formFields>
  </responseBody>
</retrieveReturnResponse>

```

```

    <r:employee>
      <r:irdNumber></r:irdNumber>
      <r:employeeName></r:employeeName>
      <r:taxCode></r:taxCode>
      <r:payPeriodStartDate></r:payPeriodStartDate>
      <r:payPeriodEndDate></r:payPeriodEndDate>
    </r:employee>
  </r:employeeFields>
</r:formFields>
</r:responseBody>
</r:retrieveReturnResponse>

```

3.5 RetrieveFilingObligation

The RetrieveFilingObligation operation is used to retrieve the date on which the next return is due, as well as any overdue returns for a specified account. This operation has the same request and response structure for all tax types.

Please note that this operation does not apply to Employment Information.

<retrieveFilingObligationsRequest> structure:

```

<rc:retrieveFilingObligationsRequest
  xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
  xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
  <cmn:softwareProviderData>
    <cmn:softwareProvider>SoftwareComany</cmn:softwareProvider>
    <cmn:softwarePlatform>SoftwarePackageA</cmn:softwarePlatform>
    <cmn:softwareRelease>V1.1</cmn:softwareRelease>
  </cmn:softwareProviderData>
  <cmn:identifier IdentifierValueType="IRD">123456789</cmn:identifier>
  <rc:accountType>GST</rc:accountType>
  <rc:majorFormType>GST</rc:majorFormType>
</rc:retrieveFilingObligationsRequest>

```

<retrieveFilingObligationsResponse> structure:

```

<retrieveFilingObligationsResponse
  xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
  <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1" >
    <statusCode>0</statusCode>
    <errorMessage>Success</errorMessage>
  </statusMessage>
  <responseBody>
    <filingObligation>
      <periodEndDate>2017-01-31</periodEndDate>
      <status>Overdue</status>
      <dueDate>2017-02-15</dueDate>
    </filingObligation>
    <filingObligation>
      <periodEndDate>2018-06-30</periodEndDate>
      <status>Expected</status>
      <dueDate>2018-07-15</dueDate>
    </filingObligation>
  </responseBody>
</retrieveFilingObligationsResponse>

```

4 End points, schemas and WSDLs

IMPORTANT: *The schemas listed here are subject to change. For the authoritative definitions, please refer to the WSDLs, schemas and supporting examples.*

4.1 End points

The end points for the Digital Test Environment are as follows:

Authentication

- <https://q.services.ird.govt.nz:443>

Gateway Services

- <https://xzt.services.ird.govt.nz:4046>

NOTE: These end points are subject to change.

4.2 Schemas

All schemas for the Return service import a common.xsd which has some data types specific to Inland Revenue. This common.xsd will be used in other gateway services outside of the /Returns/ namespace so it must be kept up-to-date, without numerous redundant versions remaining.

The ReturnCommon.xsd imports the Common.xsd and creates data types to be used across all tax types and return types. ReturnCommon.xsd also includes two request elements and two response elements. These requests are retrieveFormInfoRequest and retrieveFilingObligationsRequest, while the responses are retrieveFilingObligationsResponse and retrieveStatusResponse.

The reason for adding root-level elements in the ReturnCommon.xsd is due to the fact that these request and response structures will never change, regardless of the tax type. This allows IR to keep a uniform request and response structure across all current and future tax types.

Importing from ReturnCommon.xsd will be schemas that require more fine grained detail. These will primarily define the request for the File operation, the response for RetrieveReturn and the response for Prepop.

4.3 WSDLs

The Returns Gateway Service has one WSDL, which has a target namespace of <https://services.ird.govt.nz/GWS>Returns> and can be found at

<https://services.ird.govt.nz/GWS>Returns?singleWsdL>.

All WSDL messages follow this naming convention:

Return_<operation>_InputMessage or Return_<operation>_OutputMessage.

```
<wsdl:portType name="Return">
  <wsdl:operation name="File">
  <wsdl:operation name="Prepop">
  <wsdl:operation name="RetrieveStatus">
  <wsdl:operation name="RetrieveFilingObligations">
  <wsdl:operation name="RetrieveReturn">
<wsdl:service name="Return">
```

5 Responses

The response message from the Gateway Services always includes a status code and status message that describes how successfully the gateway service call was carried out. Following the status message will be the responseBody, which will return the operations response.

5.1 Generic gateway response codes

The following response codes are common to all gateway service calls:

Standard codes	Standard message	Description
-1	An unknown error has occurred	This error will be logged by the Gateway Services and evaluated the next business day.
0	Success	This resembles a successful web service call.
1	Authentication failure	Authentication failure means the token provided is not a valid token.
2	Missing authentication token(s)	No oAuth token in HTTP header.
3	Unauthorised access	The logon making the call does not have access to make the request on behalf of the client or agency.
5	Unauthorised vendor	The vendor provided is not authorised to use these suite of services.
20	Unrecognised XML request	The XML submitted is not recognisable and no schema can be determined.
21	XML request failed validation	The XML structure did not meet the definition laid out by the schemas published by Inland Revenue.

5.2 Generic return response codes

The following response codes are specific to returns gateway service calls:

Standard codes	Standard message	Description
100	Invalid request data	Could not extract data from xml payload
101	Unable to file return	An error has occurred while filing return. This may be due to invalid information in the specific return form fields.
102	ID/Account type not valid	The account type/ ID submitted does not exist
103	No return found	No return exists on the selected filing period
104	Invalid filing period	The periodEndDate did not match a valid filing period for the account
105	No filing obligations found	No valid filing obligations were found. This could be completely acceptable if they were not expecting to have any filing obligations.
106	Operation not available for major form type	The operation performed does not exist for the major form type submitted.
107	Duplicate return	There is already a return for this period/paydate (for EI). An amendment to a return that has already been submitted must be submitted with isAmended as true.

5.3 AIM-specific response codes

The following response codes are specific to AIM gateway service calls:

Standard codes	Standard message	Description
110	Customer not identified	The ID submitted does not exist
111	Customer is ineligible for AIM Statement of Activity	Inland Revenue has indicated this Customer is ineligible for AIM
112	Invalid entity type	Valid Customer Subtypes are: "COMPNY", "INDVDL", "SOCITY", "UNTTST" and Customer must not be part of a Consolidated Group.
113	Period not provided	Filing Period does not exist or was not provided.
114	Invalid period	Period occurs before Gateway Services go-live
115	Instalment date not provided	Instalment date does not exist or was not provided.
116	Invalid instalment date	Invalid Instalment date based on

Standard codes	Standard message	Description
		provided Filing Period
117	Missing previous statement	Previous Statement must be provided before subsequent Statement (example: March must be filed before April)
118	Duplicate statement of activity	Statement of Activity already exists for provided Customer and Period
119	Customer not enrolled in AIM	Customer tried to retrieve a return when they are not enrolled in AIM
120	Ratio return has been filed for this fiscal year	Customer has filed a GST Ratio Return this Fiscal Year

6 Processing flows

6.1 Generic use cases

This section will convey how IR intends the Gateway Services to be used. These are base cases and IR recognises that these services can be used in many different ways to satisfy business needs.

Additional information on use cases is available in the associated on-boarding pack.

6.1.1 Preparing a return

Scenario 1:

- 1) The user prepares to generate a return for the next filing obligation.
- 2) The user runs Returns/RetrieveFilingObligations to see the next obligation and the due date.
- 3) Taking the next filing period due, the software calls Returns/Prepop on that account.
- 4) The user now has a new return for the next filing period with prepop fields populated.

Scenario 2:

- 1) The user prepares to generate return for the next filing obligation.
- 2) The user runs Returns/RetrieveFilingObligations to see the next obligation and the due date.
- 3) The software prepopulates the return with locally-stored data.
- 4) Once the return is ready to be filed, Returns/Prepop will be run to ensure local data was up-to-date.

6.1.2 Filing a return

Scenario 1:

- 1) The user has generated a return, pre-populated data, and filled out the remaining form fields.
- 2) Once the return is ready to submit, the user attempts to send the request. The software will call Returns/RetrieveStatus.

- a. If the RetrieveStatus response says that there is no return due for the period (or payday) in question, the software should then prompt the user to see if the return is an amendment.
- b. If the return is not an amendment, the software should not allow the submission of a duplicate return.
- 3) Once the return is deemed acceptable by the software, Returns/File should be executed.
- 4) Returns/RetrieveStatus can be called, which will respond with "Submitted", and it will not be processed until the nightly batch runs.
- 5) Returns/RetrieveFilingObligations can be called to show the recently-submitted filing period no longer is due.

Scenario 2:

- 1) A tax agent has generated multiple returns, pre-populated all data, and filled out forms for many clients.
- 2) Once the tax agent is ready to submit the group of returns, the software will run the same checks from Scenario 1 for all returns the agent is attempting to file.
- 3) When deemed ready, the software will make one call to Returns/File for each return being submitted.
- 4) Returns/RetrieveStatus can be called, which will respond with "Submitted", and it will not be processed until the nightly batch runs.
- 5) Returns/RetrieveFilingObligations can be called to show the recently-submitted filing period no longer is due.

6.1.3 Retrieving standard user data

Scenario 1:

- 1) Once the user is logged in, their account will be shown to them.
- 2) The software will make a call to Returns/RetrieveStatus for the most recent filing obligation and to Returns/RetrieveFilingObligations.
- 3) The response from retrieve status will be displayed as the status of the most recent return.
- 4) The response from retrieving the filing obligations will show any overdue filing obligations, as well as the next filing period due date.

6.1.4 Filing an amended return

Scenario 1:

- 1) A return was filed and there was a mistake on the return.
- 2) The user can retrieve the previously-submitted return, calling Returns/RetrieveReturn.
- 3) Then a new return would be generated either as an amended return or a standard return.
- 4) The recently-retrieved return would be used to fill out the new form with the necessary changes made.
- 5) If the return is filled out as an amendment the return can be submitted using Returns/File with an amended reason and amended description.
- 6) If a standard return submission is submitted then the steps in Scenario 1 of [section 6.1.2](#) would apply here.

6.2 GST-specific use cases

6.2.1 Preparing to off-board client (for tax agents)

Scenario 1:

- 1) The tax agent will select to reconcile a client's account.
- 2) The software will call Returns/RetrieveFilingObligations.
 - a. If there are no overdue returns and the agent is not responsible for the next filing obligation, then the software can show the account is reconciled.
 - b. If there are any overdue returns or the tax agent is obligated to file the next due return, then the software should show actions required.
- 3) For agency records, the tax agent may want to call Returns/RetrieveReturn for the most recently submitted return, in case of any complications with IR and the return contents.
- 4) The tax agent will then be safe to delink the client from their agency via MyIR.

6.3 AIM-specific use cases

6.3.1 Retrieve income tax details for AIM customers

Scenario 1:

- 1) The software will call Returns/Prepop.
 - a. If the customer is eligible for AIM, an status code of 0 and a response will be returned with the income tax details.
 - b. If the customer is ineligible for AIM, a status code and error message will be returned.
- 2) After successfully receiving a response from Returns/Prepop, Returns/File can safely be called for the customer and the SOA major form type.

6.4 EI-specific use cases

6.4.1 Preparing to off-board client (for PAYE intermediaries)

Scenario 1:

- 1) The intermediary will select to reconcile a client's account.
- 2) The software will call Returns/RetrieveFilingObligations.
 - a. If there are no overdue returns and the intermediary is not responsible for the next filing obligation, then the software can show the account is reconciled.
 - b. If there are any overdue returns or the intermediary is obligated to file the next due return, then the software should show actions required.
- 3) For intermediary records, the intermediary may want to call Returns/RetrieveReturn for the most recently submitted return, in case of any complications with IR and the return contents.
- 4) The intermediary will then be safe to delink the client from their agency via MyIR.

7 Appendix A—Sample payloads

IMPORTANT: *The examples listed here are subject to change. For the authoritative definitions, please refer to the WSDLs, schemas and supporting examples.*

7.1 File

7.1.1 GST payloads

Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:fil="https://services.ird.govt.nz/GWS>Returns/:types/FileRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/Webservices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/File</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:File>
      <ret:ReturnFileRequestMsg>
        <fil:FileRequestWrapper>
          <r:fileRequest xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
            <rc:fileHeader>
              <cmn:softwareProviderData>
                <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
                <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
                <cmn:softwareRelease>v1</cmn:softwareRelease>
              </cmn:softwareProviderData>
              <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
              <rc:accountType>GST</rc:accountType>
              <rc:periodEndDate>2017-07-31</rc:periodEndDate>
              <rc:majorFormType>GST</rc:majorFormType>
              <rc:minorFormType>101A</rc:minorFormType>
            </rc:fileHeader>
            <rc:fileBody>
              <rc:standardFields>
                <rc:isNilReturn>false</rc:isNilReturn>
                <rc:isFinalReturn>false</rc:isFinalReturn>
                <rc:amendmentRequest>
                  <rc:isAmended>false</rc:isAmended>
                  <rc:amendReason></rc:amendReason>
                  <rc:amendDetails></rc:amendDetails>
                </rc:amendmentRequest>
              </rc:standardFields>
              <rc:formFields xsi:type="r:FormFieldsType">
                <r:gstSpecificFields>
                  <r:totalSales>123123</r:totalSales>
                  <r:zeroRatedSupplies>10000</r:zeroRatedSupplies>
                  <r:debitAdjustments>
                    <r:privateUsePeriodAdjustment>33333</r:privateUsePeriodAdjustment>
                    <r:privateUseOneOff>44444</r:privateUseOneOff>
                    <r:assetsAfterCease>55555</r:assetsAfterCease>
                    <r:entertainment>66666</r:entertainment>
                    <r:changeAccountingBasis>77777</r:changeAccountingBasis>
                    <r:exemptSupplies>88888</r:exemptSupplies>
                    <r:currentRateGSTAdjustments>99999</r:currentRateGSTAdjustments>
                    <r:other>11222</r:other>
                  </r:debitAdjustments>
                  <r:totalExpenses>11333</r:totalExpenses>
                  <r:creditAdjustments>
                    <r:totalCreditAdjustment>1000000</r:totalCreditAdjustment>
                  </r:creditAdjustments>
                  <r:totalGST>1165106.69</r:totalGST>
                </r:gstSpecificFields>
              </rc:formFields>
            </rc:fileBody>
          </r:fileRequest>
        </fil:FileRequestWrapper>
      </ret:ReturnFileRequestMsg>
    </ret:File>
  </soap:Body>
</soap:Envelope>
```

```

    </r:fileRequest>
  </fil:FileRequestWrapper>
</ret:ReturnFileRequestMsg>
</ret:File>
</soap:Body>
</soap:Envelope>

```

Response

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/FileResponse</a:Action>
  </s:Header>
  <s:Body>
    <FileResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <FileResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/FileResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:FileResponseWrapper>
          <fileResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
              <statusCode>0</statusCode>
              <errorMessage/>
            </statusMessage>
          </fileResponse>
        </b:FileResponseWrapper>
      </FileResult>
    </FileResponse>
  </s:Body>
</s:Envelope>

```

7.1.2 AIM payloads

Request

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:fil="https://services.ird.govt.nz/GWS>Returns/:types/FileRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/WebServices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/File</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:File>
      <ret:ReturnFileRequestMsg>
        <fil:FileRequestWrapper>
          <r:fileRequest xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1">
            <rc:fileHeader>
              <cmn:softwareProviderData>
                <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
                <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
                <cmn:softwareRelease>v1</cmn:softwareRelease>
              </cmn:softwareProviderData>
              <cmn:identifier IdentifierValueType="IRD">123456789</cmn:identifier>
              <rc:accountType>INC</rc:accountType>
              <rc:periodEndDate>2017-09-30</rc:periodEndDate>
              <rc:majorFormType>SOA</rc:majorFormType>
            </rc:fileHeader>
            <fileBody xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
              <standardFields>
                <isNilReturn>false</isNilReturn>
                <amendmentRequest>
                  <isAmended>false</isAmended>
                  <amendReason/>

```

```

    <amendDetails/>
  </amendmentRequest>
</standardFields>
<formFields xsi:type="r:FormFieldsType">
  <r:aimInstalmentDate>2017-10-30</r:aimInstalmentDate>
  <r:grossSalesAndServiceIncome>1000</r:grossSalesAndServiceIncome>
  <r:openingStock>2</r:openingStock>
  <r:purchases>3</r:purchases>
  <r:closingStock adjustedBy="Timmy" unadjustedValue="4">5</r:closingStock>
  <r:grossProfit>6</r:grossProfit>
  <r:interestReceived>7</r:interestReceived>
  <r:dividendsReceived>8</r:dividendsReceived>
  <r:rentLeaseLicenceIncome>9</r:rentLeaseLicenceIncome>
  <r:otherIncome>10</r:otherIncome>
  <r:badDebts>11</r:badDebts>
  <r:depreciationAndAmortisation>12</r:depreciationAndAmortisation>
  <r:insurance>13</r:insurance>
  <r:interestExpense>140</r:interestExpense>
  <r:fees>15</r:fees>
  <r:rates>16</r:rates>
  <r:rentsLeasesLicences>17</r:rentsLeasesLicences>
  <r:repairsAndMaintenance>18</r:repairsAndMaintenance>
  <r:researchAndDevelopment>19</r:researchAndDevelopment>
  <r:relatedPartyRemuneration>20</r:relatedPartyRemuneration>
  <r:salariesAndWages>21</r:salariesAndWages>
  <r:contractorPayments>22</r:contractorPayments>
  <r:otherExpenses>23</r:otherExpenses>
  <r:exceptionalItems>24</r:exceptionalItems>
  <r:netProfitLossBeforeTax>24.5</r:netProfitLossBeforeTax>
  <r:taxAdjustments>25</r:taxAdjustments>
  <r:currentYearTaxableProfitLoss>25.5</r:currentYearTaxableProfitLoss>
  <r:accountsReceivable adjustedBy="Tdog" unadjustedValue="26">27</r:accountsReceivable>
  <r:cashAndDeposits>28</r:cashAndDeposits>
  <r:otherCurrentAssets>29</r:otherCurrentAssets>
  <r:vehicles>30</r:vehicles>
  <r:plantAndMachinery>31</r:plantAndMachinery>
  <r:furnitureAndFittings>32</r:furnitureAndFittings>
  <r:land>33</r:land>
  <r:buildings>34</r:buildings>
  <r:otherFixedAssets>35</r:otherFixedAssets>
  <r:intangibles>36</r:intangibles>
  <r:sharesAndOwnershipInterests>37</r:sharesAndOwnershipInterests>
  <r:termDeposits>38</r:termDeposits>
  <r:otherNonCurrent>39</r:otherNonCurrent>
  <r:provisions adjustedBy="Timnado" unadjustedValue="40">41</r:provisions>
  <r:provisionsForShareholderSalaries adjustedBy="tgunz"
unadjustedValue="42">43</r:provisionsForShareholderSalaries>
  <r:accountsPayable adjustedBy="Timmychonga" unadjustedValue="44">45</r:accountsPayable>
  <r:currentLoans>46</r:currentLoans>
  <r:otherCurrentLiabilities>47</r:otherCurrentLiabilities>
  <r:nonCurrentLiabilities>48</r:nonCurrentLiabilities>
  <r:ownersEquity>49</r:ownersEquity>
  <r:taxDepreciation adjustedBy="TimTam" unadjustedValue="50">51</r:taxDepreciation>
  <r:unTaxedRealisedGainsAndReceipts>52</r:unTaxedRealisedGainsAndReceipts>
  <r:additionsToFixedAssets>53</r:additionsToFixedAssets>
  <r:disposalOfFixedAssets>54</r:disposalOfFixedAssets>
  <r:depreciationRecovered adjustedBy="Slam"
unadjustedValue="55">56</r:depreciationRecovered>
  <r:losses adjustedBy="TimmyCrackCorn" unadjustedValue="57">58</r:losses>
  <r:privateUse adjustedBy="Timothy" unadjustedValue="59">60</r:privateUse>
  <r:dividendsPaid>61</r:dividendsPaid>
  <r:drawings>62</r:drawings>
  <r:currentAccountYearEndBalances>63</r:currentAccountYearEndBalances>
  <r:taxDeductibleLossOnDisposalOfFixedAssets>64</r:taxDeductibleLossOnDisposalOfFixedAssets>
  <r:otherAdjustments>
    <r:adjustments>
      <r:amount>65</r:amount>
      <r:description>test</r:description>
    </r:adjustments>
    <r:adjustments>
      <r:amount>66</r:amount>
      <r:description>test2</r:description>
    </r:adjustments>
    <r:adjustments>
      <r:amount>67</r:amount>
      <r:description>test3</r:description>
    </r:adjustments>
  </r:otherAdjustments>
  <r:yearToDate>68</r:yearToDate>

```

```

    <r:thisInstalment>69</r:thisInstalment>
    <r:shareholderProvTax>70</r:shareholderProvTax>
    <r:refundAmount>750</r:refundAmount>
    <r:refundIndicator>true</r:refundIndicator>
  </formFields>
</fileBody>
</r:fileRequest>
</fil:FileRequestWrapper>
</ret:ReturnFileRequestMsg>
</ret:File>
</soap:Body>
</soap:Envelope>

```

Response

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/FileResponse</a:Action>
  </s:Header>
  <s:Body>
    <FileResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <FileResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/FileResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:FileResponseWrapper>
          <fileResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
              <statusCode>0</statusCode>
              <errorMessage/>
            </statusMessage>
          </fileResponse>
        </b:FileResponseWrapper>
      </FileResult>
    </FileResponse>
  </s:Body>
</s:Envelope>

```

7.1.3 EI payloads

Request

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:fil="https://services.ird.govt.nz/GWS>Returns/:types/FileRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/WebServices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/File</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:File>
      <ret:ReturnFileRequestMsg>
        <fil:FileRequestWrapper>
          <fileRequest xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1
file:///F:/Documents/newXSDs/ReturnEI.v1.xsd" xmlns="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1" xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <rc:fileHeader>
              <cmn:softwareProviderData>
                <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
                <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
                <cmn:softwareRelease>v1</cmn:softwareRelease>
              </cmn:softwareProviderData>
              <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
              <rc:accountType>PSO</rc:accountType>
              <rc:periodEndDate>2017-07-31</rc:periodEndDate>
              <rc:majorFormType>EI</rc:majorFormType>
            </rc:fileHeader>
            <rc:fileBody>
              <rc:standardFields>

```

```

<rc:isNilReturn>>false</rc:isNilReturn>
<rc:isFinalReturn>>false</rc:isFinalReturn>
<rc:amendmentRequest>
  <rc:isAmended>>false</rc:isAmended>
  <rc:amendReason/>
  <rc:amendDetails/>
</rc:amendmentRequest>
</rc:standardFields>
<rc:formFields xsi:type="r:FormFieldsType">
  <payDayDate>2017-07-27</payDayDate>
  <contactName>Test Name</contactName>
  <contactPhoneNumber>0275406358</contactPhoneNumber>
  <contactEmail>timmyisthebest@hotmail.com</contactEmail>
  <employeeFields>
    <employee>
      <irdNumber>123123123</irdNumber>
      <employeeName>TIMTEST1</employeeName>
      <taxCode>SH</taxCode>
      <payPeriodStartDate>2015-07-31</payPeriodStartDate>
      <payPeriodEndDate>2017-07-31</payPeriodEndDate>
      <employmentStartDate>2000-07-31</employmentStartDate>
      <employmentFinishDate>2045-12-31</employmentFinishDate>
      <grossEarnings>100000</grossEarnings>
      <earningsNotLiableACC>1000</earningsNotLiableACC>
      <lumpSumIndicator>true</lumpSumIndicator>
      <payeSchedularTaxDeductions>1100</payeSchedularTaxDeductions>
      <childSupportCode>A</childSupportCode>
      <childSupportDeductions>1200</childSupportDeductions>
      <studentLoansDeductions>1300</studentLoansDeductions>
      <kiwisaverEmployerContributions>1400</kiwisaverEmployerContributions>
      <kiwisaverDeductions>1500</kiwisaverDeductions>
      <taxCreditPayrollDonations>1600</taxCreditPayrollDonations>
      <esctDeducted>1700</esctDeducted>
      <familyTaxCredits>0</familyTaxCredits>
    </employee>
    <employee>
      <irdNumber>123123123</irdNumber>
      <employeeName>TIMTEST1</employeeName>
      <taxCode>MSL</taxCode>
      <payPeriodStartDate>2015-07-31</payPeriodStartDate>
      <payPeriodEndDate>2017-07-31</payPeriodEndDate>
      <employmentStartDate>2000-07-31</employmentStartDate>
      <employmentFinishDate>2045-12-31</employmentFinishDate>
      <grossEarnings>100</grossEarnings>
      <earningsNotLiableACC>1</earningsNotLiableACC>
      <lumpSumIndicator>true</lumpSumIndicator>
      <payeSchedularTaxDeductions>1</payeSchedularTaxDeductions>
      <childSupportCode>A</childSupportCode>
      <childSupportDeductions>1</childSupportDeductions>
      <studentLoansDeductions>1</studentLoansDeductions>
      <kiwisaverEmployerContributions>1</kiwisaverEmployerContributions>
      <kiwisaverDeductions>1</kiwisaverDeductions>
      <taxCreditPayrollDonations>1</taxCreditPayrollDonations>
      <esctDeducted>1</esctDeducted>
      <familyTaxCredits>0</familyTaxCredits>
    </employee>
    <employee>
      <irdNumber>111111111</irdNumber>
      <employeeName>TESTYTIM2</employeeName>
      <taxCode>MSL</taxCode>
      <payPeriodStartDate>2015-07-31</payPeriodStartDate>
      <payPeriodEndDate>2017-07-31</payPeriodEndDate>
      <employmentStartDate>2000-07-31</employmentStartDate>
      <employmentFinishDate>2045-12-31</employmentFinishDate>
      <grossEarnings>200000</grossEarnings>
      <earningsNotLiableACC>2000</earningsNotLiableACC>
      <lumpSumIndicator>true</lumpSumIndicator>
      <payeSchedularTaxDeductions>2100</payeSchedularTaxDeductions>
      <childSupportCode>C</childSupportCode>
      <childSupportDeductions>2200</childSupportDeductions>
      <studentLoansDeductions>2300</studentLoansDeductions>
      <kiwisaverEmployerContributions>2400</kiwisaverEmployerContributions>
      <kiwisaverDeductions>2500</kiwisaverDeductions>
      <taxCreditPayrollDonations>2600</taxCreditPayrollDonations>
      <esctDeducted>2700</esctDeducted>
      <familyTaxCredits>0</familyTaxCredits>
    </employee>
  </employeeFields>
</totalGrossEarnings>300100</totalGrossEarnings>

```



```

    <totalEarningsNotLiableACC>3001</totalEarningsNotLiableACC>
    <totalPAYESchedularTaxDeductions>3201</totalPAYESchedularTaxDeductions>
    <totalChildSupportDeductions>3401</totalChildSupportDeductions>
    <totalStudentLoansDeductions>3601</totalStudentLoansDeductions>
    <totalKiwisaverEmployerContributions>3801</totalKiwisaverEmployerContributions>
    <totalKiwisaverDeductions>4001</totalKiwisaverDeductions>
    <totalTaxCreditPayrollDonations>4201</totalTaxCreditPayrollDonations>
    <totalESCTDeducted>4401</totalESCTDeducted>
    <totalFamilyTaxCredits>0</totalFamilyTaxCredits>
  </rc:formFields>
</rc:fileBody>
</fileRequest>
</fil:FileRequestWrapper>
</ret:ReturnFileRequestMsg>
</ret:File>
</soap:Body>
</soap:Envelope>

```

Response

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/FileResponse</a:Action>
  </s:Header>
  <s:Body>
    <FileResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <FileResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/FileResponse"
        xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:FileResponseWrapper>
          <fileResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
              <statusCode>0</statusCode>
              <errorMessage/>
            </statusMessage>
          </fileResponse>
        </b:FileResponseWrapper>
      </FileResult>
    </FileResponse>
  </s:Body>
</s:Envelope>

```

7.2 Prepop

7.2.1 GST payloads

Request

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
  xmlns:prep="https://services.ird.govt.nz/GWS>Returns/:types/PrepopRequest"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/WebServices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/Prepop</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:Prepop>
      <ret:ReturnPrepopRequestMsg>
        <prep:PrepopRequestWrapper>
          <rc:retrieveFormInfoRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
            xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
            xmlns:r="urn:ird.govt.nz/GWS:types/ReturnGST.v1"
            xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
            <cmn:softwareProviderData>
              <cmn:softwareProvider>SoftwareProvider </cmn:softwareProvider>
              <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
              <cmn:softwareRelease>v1</cmn:softwareRelease>
            </cmn:softwareProviderData>
            <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
            <rc:accountType>GST</rc:accountType>
          </rc:retrieveFormInfoRequest>
        </prep:PrepopRequestWrapper>
      </ret:ReturnPrepopRequestMsg>
    </ret:Prepop>
  </soap:Body>
</soap:Envelope>

```



```

        <rc:periodEndDate>2017-05-31</rc:periodEndDate>
        <rc:majorFormType>GST</rc:majorFormType>
        </rc:retrieveFormInfoRequest>
      </prep:PrepopRequestWrapper>
    </ret:ReturnPrepopRequestMsg>
  </ret:Prepop>
</soap:Body>
</soap:Envelope>

```

Invalid response

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
      s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/PrepopResponse</a:Action>
    </s:Header>
    <s:Body>
      <PrepopResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
        <PrepopResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/PrepopResponse"
          xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
          <b:PrepopResponseWrapper>
            <prepopResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
              <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
                <statusCode>102</statusCode>
                <errorMessage>ID/Account Type Not Valid</errorMessage>
              </statusMessage>
            </prepopResponse>
          </b:PrepopResponseWrapper>
        </PrepopResult>
      </PrepopResponse>
    </s:Body>
  </s:Envelope>

```

Valid response

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
      s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/PrepopResponse</a:Action>
    </s:Header>
    <s:Body>
      <PrepopResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
        <PrepopResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/PrepopResponse"
          xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
          <b:PrepopResponseWrapper>
            <prepopResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
              xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
              <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
                <statusCode>0</statusCode>
                <errorMessage/>
              </statusMessage>
              <responseBody xsi:type="r:PrepopResponseBodyType"
                xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
                <r:accountId>123039858</r:accountId>
                <r:periodEndDate>2017-05-31</r:periodEndDate>
                <r:filingFrequency>Two monthly - periods ending odd months</r:filingFrequency>
                <r:dueDate>2017-06-28</r:dueDate>
                <r:multiBranch>false</r:multiBranch>
                <r:provFiler>false</r:provFiler>
                <r:hospiceFiler>false</r:hospiceFiler>
              </responseBody>
            </prepopResponse>
          </b:PrepopResponseWrapper>
        </PrepopResult>
      </PrepopResponse>
    </s:Body>
  </s:Envelope>

```

7.2.2 AIM payloads

Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:prep="https://services.ird.govt.nz/GWS>Returns/:types/PrepopRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/Webservices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/Prepop</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:Prepop>
      <ret:ReturnPrepopRequestMsg>
        <prep:PrepopRequestWrapper>
          <rc:retrieveFormInfoRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1"
xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1">
            <cmn:softwareProviderData>
              <cmn:softwareProvider>SoftwareProvider </cmn:softwareProvider>
              <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
              <cmn:softwareRelease>v1</cmn:softwareRelease>
            </cmn:softwareProviderData>
            <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
            <rc:accountType>INC</rc:accountType>
            <rc:periodEndDate>2017-05-31</rc:periodEndDate>
            <rc:majorFormType>SOA</rc:majorFormType>
          </rc:retrieveFormInfoRequest>
        </prep:PrepopRequestWrapper>
      </ret:ReturnPrepopRequestMsg>
    </ret:Prepop>
  </soap:Body>
```

Invalid response

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/PrepopResponse</a:Action>
  </s:Header>
  <s:Body>
    <PrepopResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <PrepopResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/PrepopResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:PrepopResponseWrapper>
          <prepopResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
              <statusCode>102</statusCode>
              <errorMessage>ID/Account Type Not Valid</errorMessage>
            </statusMessage>
          </prepopResponse>
        </b:PrepopResponseWrapper>
      </PrepopResult>
    </PrepopResponse>
  </s:Body>
</s:Envelope>
```

Valid response

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/PrepopResponse</a:Action>
  </s:Header>
  <s:Body>
    <PrepopResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <PrepopResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/PrepopResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:PrepopResponseWrapper>
          <prepopResponse xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
            <statusMessage>
              <statusCode>0</statusCode>
              <errorMessage>Success</errorMessage>
            </statusMessage>
            <responseBody>
              <accountId>025707540</accountId>
              <r:filingFrequency>Two Monthly Odd</r:filingFrequency>
              <r:returnPeriodDate>2018-04-30</r:returnPeriodDate>
              <r:returnType>IR4</r:returnType>
              <r:balanceDate>2018-03-31</r:balanceDate>
              <r:periodBalance>1000.54</r:periodBalance>
              <r:residualIncomeTax>222</r:residualIncomeTax>
              <r:totalLossCarriedForward>555</r:totalLossCarriedForward>
            </r:responseBody>
          </prepopResponse>
        </b:PrepopResponseWrapper>
      </PrepopResult>
    </PrepopResponse>
  </s:Body>
</s:Envelope>
```

7.2.3 EI payloads

Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:prep="https://services.ird.govt.nz/GWS>Returns/:types/PrepopRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/Webservices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/Prepop</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:Prepop>
      <ret:ReturnPrepopRequestMsg>
        <prep:PrepopRequestWrapper>
          <rc:retrieveFormInfoRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1">
            <cmn:softwareProviderData>
              <cmn:softwareProvider>SoftwareProvider </cmn:softwareProvider>
              <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
              <cmn:softwareRelease>v1</cmn:softwareRelease>
            </cmn:softwareProviderData>
            <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
            <rc:accountType>PSO</rc:accountType>
            <rc:periodEndDate>2017-05-31</rc:periodEndDate>
            <rc:majorFormType>EI</rc:majorFormType>
          </rc:retrieveFormInfoRequest>
        </prep:PrepopRequestWrapper>
      </ret:ReturnPrepopRequestMsg>
    </ret:Prepop>
  </soap:Body>
```

Response

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/PrepopResponse</a:Action>
  </s:Header>
  <s:Body>
    <PrepopResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <PrepopResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/PrepopResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:PrepopResponseWrapper>
          <r:prepopResponse xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1">
            <r:statusMessage>
              <cmn:statusCode>0</cmn:statusCode>
              <cmn:errorMessage>Success</cmn:errorMessage>
            </r:statusMessage>
            <r:responseBody>
              <r:employee>
                <r:irdNumber>123456789</r:irdNumber>
                <r:employeeName>MarkTwain</r:employeeName>
                <r:taxCode>M</r:taxCode>
                <r:employmentStartDate>2013-01-01</r:employmentStartDate>
                <r:employmentEndDate>2017-01-01</r:employmentEndDate>
              </r:employee>
            </r:responseBody>
          </b:PrepopResponseWrapper>
        </PrepopResult>
      </PrepopResponse>
    </s:Body>
  </s:Envelope>
```

7.3 RetrieveStatus

7.3.1 Payloads

Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:ret1="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveStatusRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/WebServices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/RetrieveStatus</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:RetrieveStatus>
      <ret:ReturnStatusRequestMsg>
        <ret1:RetrieveStatusRequestWrapper>
          <rc:retrieveFormInfoRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <cmn:softwareProviderData>
              <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
              <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
              <cmn:softwareRelease>v1</cmn:softwareRelease>
            </cmn:softwareProviderData>
            <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
            <rc:accountType>GST</rc:accountType>
            <rc:periodEndDate>2017-03-31</rc:periodEndDate>
            <rc:majorFormType>GST</rc:majorFormType>
          </rc:retrieveFormInfoRequest>
        </ret1:RetrieveStatusRequestWrapper>
      </ret:ReturnStatusRequestMsg>
    </ret:RetrieveStatus>
  </soap:Body>
```

```
</soap:Body>
</soap:Envelope>
```

Response

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action>
      s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/RetrieveStatusResponse</a:Action>
    </s:Header>
    <s:Body>
      <RetrieveStatusResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
        <RetrieveStatusResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveStatusResponse"
          xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
          <b:RetrieveStatusResponseWrapper>
            <retrieveStatusResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
              <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
                <statusCode>0</statusCode>
                <errorMessage/>
              </statusMessage>
              <responseBody>
                <status>On-time processing</status>
              </responseBody>
            </retrieveStatusResponse>
          </b:RetrieveStatusResponseWrapper>
        </RetrieveStatusResult>
      </RetrieveStatusResponse>
    </s:Body>
  </s:Envelope>
```

7.4 RetrieveReturn

7.4.1 GST payloads

Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
  xmlns:ret1="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveReturnRequest"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/WebServices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/RetrieveReturn</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:RetrieveReturn>
      <ret:RetrieveReturnRequestMsg>
        <ret1:RetrieveReturnRequestWrapper>
          <rc:retrieveFormInfoRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
            xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
            xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1"
            xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
            <cmn:softwareProviderData>
              <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
              <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
              <cmn:softwareRelease>v1</cmn:softwareRelease>
            </cmn:softwareProviderData>
            <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
            <rc:accountType>GST</rc:accountType>
            <rc:periodEndDate>2017-03-31</rc:periodEndDate>
            <rc:majorFormType>GST</rc:majorFormType>
          </rc:retrieveFormInfoRequest>
        </ret1:RetrieveReturnRequestWrapper>
      </ret:RetrieveReturnRequestMsg>
    </ret:RetrieveReturn>
  </soap:Body>
</soap:Envelope>
```

Response

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/RetrieveReturnResponse</a:Action>
  </s:Header>
  <s:Body>
    <RetrieveReturnResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <RetrieveReturnResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveReturnResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:RetrieveReturnResponseWrapper>
          <retrieveReturnResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
            <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
              <statusCode>0</statusCode>
              <errorMessage/>
            </statusMessage>
            <responseBody xsi:type="r:RetrieveReturnResponseBodyType"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
              <standardFields>
                <r:isNilReturn
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">false</r:isNilReturn>
              <formFields>
                <gstSpecificFields xmlns="urn:www.ird.govt.nz/GWS:types/ReturnGST.v1">
                  <r:totalSales>22222.00</r:totalSales>
                  <r:totalSalesRestHomes>0.00</r:totalSalesRestHomes>
                  <r:totalSalesHospitals>0.00</r:totalSalesHospitals>
                  <r:zeroRatedSupplies>10000.00</r:zeroRatedSupplies>
                  <r:debitAdjustments>
                    <r:privateUsePeriodAdjustment>33333.00</r:privateUsePeriodAdjustment>
                    <r:privateUseOneOff>44444.00</r:privateUseOneOff>
                    <r:assetsAfterCease>55555.00</r:assetsAfterCease>
                    <r:entertainment>66666.00</r:entertainment>
                    <r:changeAccountingBasis>77777.00</r:changeAccountingBasis>
                    <r:exemptSupplies>88888.00</r:exemptSupplies>
                    <r:currentRateGSTAdjustments>99999.00</r:currentRateGSTAdjustments>
                    <r:other>11222.00</r:other>
                  </r:debitAdjustments>
                  <r:totalExpenses>11333.00</r:totalExpenses>
                  <r:creditAdjustments>
                    <r:totalCreditAdjustment>11444.00</r:totalCreditAdjustment>
                  </r:creditAdjustments>
                  <r:totalGST>1165106.69</r:totalGST>
                  <transitionalFields/>
                </gstSpecificFields>
              </formFields>
            </standardFields>
          </responseBody>
        </retrieveReturnResponse>
      </b:RetrieveReturnResponseWrapper>
    </RetrieveReturnResult>
  </RetrieveReturnResponse>
</s:Body>
</s:Envelope>
```

7.4.2 AIM payloads

Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:ret1="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveReturnRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/WebServices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/RetrieveReturn</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:RetrieveReturn>
      <ret:RetrieveReturnRequestMsg>
```

```

<ret1:RetrieveReturnRequestWrapper>
  <rc:retrieveFormInfoRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
    xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
    xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1"
    xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1">
    <cmn:softwareProviderData>
      <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
      <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
      <cmn:softwareRelease>v1</cmn:softwareRelease>
    </cmn:softwareProviderData>
    <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
      <rc:accountType>INC</rc:accountType>
      <rc:periodEndDate>2017-03-31</rc:periodEndDate>
      <rc:majorFormType>SOA</rc:majorFormType>
    </rc:retrieveFormInfoRequest>
  </ret1:RetrieveReturnRequestWrapper>
</ret:RetrieveReturnRequestMsg>
</ret:RetrieveReturn>
</soap:Body>
</soap:Envelope>

```

Response

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
      s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/RetrieveReturnResponse</a:Action>
    </s:Header>
    <s:Body>
      <RetrieveReturnResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
        <RetrieveReturnResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveReturnResponse"
          xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
          <b:RetrieveReturnResponseWrapper>
            <retrieveReturnResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
              xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
              <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
                <statusCode>0</statusCode>
                <errorMessage/>
              </statusMessage>
              <responseBody xsi:type="r:RetrieveReturnResponseBodyType"
                xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1">
                <standardFields>
                  <isNilReturn>>false</isNilReturn>
                </standardFields>
                <formFields xmlns="urn:www.ird.govt.nz/GWS:types/ReturnAIM.v1">
                  <r:aimInstalmentDate>2017-10-30</r:aimInstalmentDate>
                  <r:grossSalesAndServiceIncome>1000.00</r:grossSalesAndServiceIncome>
                  <r:openingStock>2.00</r:openingStock>
                  <r:purchases>3.00</r:purchases>
                  <r:closingStock adjustedBy="Timmy" unadjustedValue="4.00">5.00</r:closingStock>
                  <r:grossProfit>6.00</r:grossProfit>
                  <r:interestReceived>7.00</r:interestReceived>
                  <r:dividendsReceived>8.00</r:dividendsReceived>
                  <r:rentLeaseLicenceIncome>9.00</r:rentLeaseLicenceIncome>
                  <r:otherIncome>10.00</r:otherIncome>
                  <r:badDebts>0.00</r:badDebts>
                  <r:depreciationAndAmortisation>12.00</r:depreciationAndAmortisation>
                  <r:insurance>13.00</r:insurance>
                  <r:interestExpense>140.00</r:interestExpense>
                  <r:fees>15.00</r:fees>
                  <r:rates>16.00</r:rates>
                  <r:rentsLeasesLicences>17.00</r:rentsLeasesLicences>
                  <r:repairsAndMaintenance>18.00</r:repairsAndMaintenance>
                  <r:researchAndDevelopment>19.00</r:researchAndDevelopment>
                  <r:relatedPartyRemuneration>0.00</r:relatedPartyRemuneration>
                  <r:salariesAndWages>21.00</r:salariesAndWages>
                  <r:contractorPayments>22.00</r:contractorPayments>
                  <r:otherExpenses>23.00</r:otherExpenses>
                  <r:exceptionalItems>24.00</r:exceptionalItems>
                  <r:netProfitLossBeforeTax>252.00</r:netProfitLossBeforeTax>
                  <r:taxAdjustments>25.00</r:taxAdjustments>
                  <r:currentYearTaxableProfitLoss>0.00</r:currentYearTaxableProfitLoss>
                  <r:accountsReceivable adjustedBy="Tdog"
                    unadjustedValue="26.00">27.00</r:accountsReceivable>
                </formFields>
              </retrieveReturnResponse>
            </b:RetrieveReturnResponseWrapper>
          </RetrieveReturnResult>
        </RetrieveReturnResponse>
      </s:Body>
    </s:Envelope>

```



```

<r:cashAndDeposits>28.00</r:cashAndDeposits>
<r:otherCurrentAssets>29.00</r:otherCurrentAssets>
<r:vehicles>30.00</r:vehicles>
<r:plantAndMachinery>31.00</r:plantAndMachinery>
<r:furnitureAndFittings>32.00</r:furnitureAndFittings>
<r:land>33.00</r:land>
<r:buildings>34.00</r:buildings>
<r:otherFixedAssets>35.00</r:otherFixedAssets>
<r:intangibles>36.00</r:intangibles>
<r:sharesAndOwnershipInterests>0.00</r:sharesAndOwnershipInterests>
<r:termDeposits>38.00</r:termDeposits>
<r:otherNonCurrent>39.00</r:otherNonCurrent>
<r:provisions adjustedBy="Timnado" unadjustedValue="40.00">41.00</r:provisions>
<r:provisionsForShareholderSalaries adjustedBy="tgunz"
unadjustedValue="42.00">43.00</r:provisionsForShareholderSalaries>
<r:accountsPayable adjustedBy="Timmychonga"
unadjustedValue="44.00">45.00</r:accountsPayable>
<r:currentLoans>0.00</r:currentLoans>
<r:otherCurrentLiabilities>47.00</r:otherCurrentLiabilities>
<r:nonCurrentLiabilities>48.00</r:nonCurrentLiabilities>
<r:ownersEquity>49.00</r:ownersEquity>
<r:taxDepreciation adjustedBy="TimTam" unadjustedValue="50.00">51.00</r:taxDepreciation>
<r:unTaxedRealisedGainsAndReceipts>52.00</r:unTaxedRealisedGainsAndReceipts>
<r:additionsToFixedAssets>53.00</r:additionsToFixedAssets>
<r:disposalOfFixedAssets>54.00</r:disposalOfFixedAssets>
<r:depreciationRecovered adjustedBy="Slam"
unadjustedValue="55.00">56.00</r:depreciationRecovered>
<r:losses adjustedBy="TimmyCrackCorn" unadjustedValue="57.00">58.00</r:losses>
<r:privateUse adjustedBy="Timothy" unadjustedValue="59.00">60.00</r:privateUse>
<r:dividendsPaid>61.00</r:dividendsPaid>
<r:drawings>62.00</r:drawings>
<r:currentAccountYearEndBalances>0.00</r:currentAccountYearEndBalances>

<r:taxDeductibleLossOnDisposalOfFixedAssets>0.00</r:taxDeductibleLossOnDisposalOfFixedAssets>
<otherAdjustments/>
<r:yearToDate>68.00</r:yearToDate>
<r:thisInstalment>69.00</r:thisInstalment>
<r:shareholderProvTax>70.00</r:shareholderProvTax>
<r:refundAmount>750.00</r:refundAmount>
<r:refundIndicator>true</r:refundIndicator>
</formFields>
</responseBody>
</retrieveReturnResponse>
</b:RetrieveReturnResponseWrapper>
</RetrieveReturnResult>
</RetrieveReturnResponse>
</s:Body>
</s:Envelope>

```

7.4.3 EI payloads

Request

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:ret1="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveReturnRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/WebServices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/RetrieveReturn</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:RetrieveReturn>
      <ret:RetrieveReturnRequestMsg>
        <ret1:RetrieveReturnRequestWrapper>
          <rc:retrieveFormInfoRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xmlns:r="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1"
xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnEI.v1">
            <cmn:softwareProviderData>
              <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
              <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
              <cmn:softwareRelease>v1</cmn:softwareRelease>
            </cmn:softwareProviderData>

```



```

    <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
      <rc:accountType>PSO</rc:accountType>
      <rc:periodEndDate>2017-03-31</rc:periodEndDate>
      <rc:majorFormType>EI</rc:majorFormType>
    </rc:retrieveFormInfoRequest>
  </ret1:RetrieveReturnRequestWrapper>
</ret:RetrieveReturnRequestMsg>
</ret:RetrieveReturn>
</soap:Body>
</soap:Envelope>

```

Response

```

<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
  xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
      s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/RetrieveReturnResponse</a:Action>
    </s:Header>
    <s:Body>
      <RetrieveReturnResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
        <RetrieveReturnResult xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveReturnResponse"
          xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
          <b:RetrieveReturnResponseWrapper>
            <retrieveReturnResponse xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
              <statusMessage>
                <statusCode>0</statusCode>
                <errorMessage>Success</errorMessage>
              </statusMessage>
              <responseBody>
                <standardFields>
                  <isNilReturn>>false</isNilReturn>
                </standardFields>
                <formFields>
                  <r:employeeFields>
                    <r:employee>
                      <r:irdNumber>123456789</r:irdNumber>
                      <r:name>MarkTwain</r:name>
                      <r:taxCode>M</r:taxCode>
                      <r:payPeriodStartDate>2018-01-01</r:payPeriodStartDate>
                      <r:payPeriodEndDate>2018-01-15</r:payPeriodEndDate>
                      <r:taxCreditPayrollDonationsExtinguished>234</r:>
                      <r:familyTaxCredits>23</r:familyTaxCredits>
                      <r:grossEarnings>654</r:grossEarnings>
                      <r:earningsNotLiableACC>456</r:earningsNotLiableACC>
                      <r:payeSchedularTaxDeductions>465</r:payeSchedularTaxDeductions>
                      <r:kiwisaverEmployerContributions>123</r:>
                      <r:childSupportDeductions>65</r:childSupportDeductions>
                      <r:childSupportCode>M</r:childSupportCode>
                      <r:esctDeducted>2344</r:esctDeducted>
                      <r:kiwisaverDeductions>232</r:kiwisaverDeductions>
                      <r:studentLoansDeductions>211<r:studentLoansDeductions/>
                      <r:taxCreditPayrollDonations>122</r:taxCreditPayrollDonations>
                      <r:lumpSumIndicator>true</r:lumpSumIndicator>
                    </r:employee>
                    <r:employee>
                      <r:irdNumber>12345677</r:irdNumber>
                      <r:name>MarkTwain</r:name>
                      <r:taxCode>M</r:taxCode>
                      <r:payPeriodStartDate>2018-01-01</r:payPeriodStartDate>
                      <r:payPeriodEndDate>2018-01-15</r:payPeriodEndDate>
                    </r:employee>
                  </r:employeeFields>
                </formFields>
              </responseBody>
            </retrieveReturnResponse>
          </b:RetrieveReturnResponseWrapper>
        </RetrieveReturnResult>
      </RetrieveReturnResponse>
    </s:Body>
  </s:Envelope>

```


7.5 RetrieveFilingObligation

7.5.1 GST payloads

Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:ret="https://services.ird.govt.nz/GWS>Returns/"
xmlns:ret1="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveFilingObligationsRequest"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <soap:Header>
    <a:To>http://localhost/Webservices/Gateway/GWS>Returns</a:To>
    <a:Action>https://services.ird.govt.nz/GWS>Returns/Return/RetrieveFilingObligations</a:Action>
  </soap:Header>
  <soap:Body>
    <ret:RetrieveFilingObligations>
      <ret:FilingObligationsRequestMsg>
        <ret1:RetrieveFilingObligationsRequestWrapper>
          <rc:retrieveFilingObligationsRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:cmn="urn:www.ird.govt.nz/GWS:types/Common.v1"
xmlns:rc="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1"
xsi:schemaLocation="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <cmn:softwareProviderData>
              <cmn:softwareProvider>SoftwareProvider</cmn:softwareProvider>
              <cmn:softwarePlatform>SoftwarePlatform</cmn:softwarePlatform>
              <cmn:softwareRelease>v1</cmn:softwareRelease>
            </cmn:softwareProviderData>
            <cmn:identifier IdentifierValueType="ACCIRD">123456789</cmn:identifier>
            <rc:accountType>GST</rc:accountType>
            <rc:majorFormType>GST</rc:majorFormType>
          </rc:retrieveFilingObligationsRequest>
        </ret1:RetrieveFilingObligationsRequestWrapper>
      </ret:FilingObligationsRequestMsg>
    </ret:RetrieveFilingObligations>
  </soap:Body>
</soap:Envelope>
```

Response

```
<s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing">
  <s:Header>
    <a:Action
s:mustUnderstand="1">https://services.ird.govt.nz/GWS>Returns/Return/RetrieveFilingObligationsResponse</a:Action>
  </s:Header>
  <s:Body>
    <RetrieveFilingObligationsResponse xmlns="https://services.ird.govt.nz/GWS>Returns/">
      <RetrieveFilingObligationsResult
xmlns:b="https://services.ird.govt.nz/GWS>Returns/:types/RetrieveFilingObligationsResponse"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <b:RetrieveFilingObligationsResponseWrapper>
          <retrieveFilingObligationsResponse xmlns="urn:www.ird.govt.nz/GWS:types/ReturnCommon.v1">
            <statusMessage xmlns="urn:www.ird.govt.nz/GWS:types/Common.v1">
              <statusCode>0</statusCode>
              <errorMessage/>
            </statusMessage>
            <responseBody>
              <filingObligation>
                <periodEndDate>2017-07-31</periodEndDate>
                <status>Overdue</status>
                <dueDate>2017-08-28</dueDate>
              </filingObligation>
            </responseBody>
          </retrieveFilingObligationsResponse>
        </b:RetrieveFilingObligationsResponseWrapper>
      </RetrieveFilingObligationsResult>
    </RetrieveFilingObligationsResponse>
  </s:Body>
</s:Envelope>
```

8 Appendix B—Glossary

Acronym/term	Definition
Activity statement	Formally known as the Statement of Activity—the name for the data that is filed for AIM.
AIM	Accounting Income Method—a method that businesses can use for reporting and paying provisional income tax. Participating business are required to file a Statement Of Activity.
API	Application Programming Interface.
Authentication	The process that verifies the identity of the party attempting to access IR.
Authorisation	The process of determining whether a party is entitled to perform the function or access a resource.
EI	Employment Information.
eServices	Inland Revenue’s authenticated customer-facing portal.
FIRST	Future Inland Revenue Systems Technology.
Gateway	Inland Revenue’s web services gateway.
GST	Goods and Service Tax.
GWS	Gateway Services—the brand name for the suite of web services that IR is providing. The Return Service is a Gateway Service.
HTTP, HTTPS	Hyper Text Transmission Protocol (Secure)—the protocol by which web browsers and servers interact with each other. When implemented over TLS1.2 HTTP becomes HTTPS.
IAMS	Identity and Access Management—a logical component that performs authentication and authorisation. Physically it is a set of discrete hardware and software products, plug-ins and protocols. Usually implemented as separate External IAMS (XIAMS) and Internal IAMS.
IP	Internet Protocol—the principal communication protocol in the Internet protocol suite for relaying datagrams across networks.
NSP	Inland Revenue’s New Services Platform—includes START, Identity and Access Service, the Application Publishing Service and supporting infrastructure.
NZISM	NZ Information Security Manual—the security standards and best practices for Government agencies. Maintained by the NZ Government Communications Security Bureau (GCSB).
OAuth2	An HTTPS based protocol for authorising access to a resource, currently at version 2.
SaaS	Software as a Service—a software licensing and delivery model in which centrally-hosted software is licensed on a subscription basis.
SOAP	Simple Object Access Protocol—a set of standards for specifying web services. GWS uses SOAP version 1.2.
SSL	Secure Sockets Layer certificates—used to establish an encrypted connection between a browser or user’s computer and a service or website.
START	Simplified Taxation and Revenue Technology—IR’s new core tax

Acronym/term	Definition
	processing application. It is an implementation of the GenTax product from FAST Enterprises.
Statement of Activity	See Activity Statement
TaaS	Telecommunications as a Service—the as-a-service provision of network services.
TLS1.2	Transport Layer Security version 1.2—the protocol that is observed between adjacent servers for encrypting the data that they exchange. Prior versions of TLS and all versions of SSL have been compromised and are superseded by TLS1.2.
URL	Universal Resource Locator—also known as a web address.
WAN	Wide Area Network—a network connecting physically separate sites.
WSDL	Web Service Definition Language—an XML definition of a web service interface.
XIAMS	External IAMS—an instance of IAMS that authenticates and authorises access by external parties, i.e. customers, trading partners etc. as opposed to internal parties such as staff.
XML	Extensible Mark-up Language—a language used to define a set of rules used for encoding documents in a format that can be read by humans and machines.
XSD	XML Schema Definition—the current standard schema language for all XML data and documents.

9 Appendix C—Policy and supporting legislation

Please refer to the AIM onboarding pack for details