# Test Report Investment Income Reporting

# Tax Type - IPS

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| **Intermediary Type - PAYE intermediary Test Scenarios** | | |  | **Test Plan** | | **Test Results** | |
| **ID** | **Operation** | **Scenario Description** | **Scenario Type** | **Applicable**  **(Y / N)** | **Exclusion Reason** | **Pass / Fail** | **Notes** |
| **Return File: Filing an Investment Income return for tax type: IPS** | | | | | | | |
| IPS1.01 | ReturnFile | Customer submits an "IPS" return with multiple joint account holders and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.02 | ReturnFile | Customer submits an "IPS" return for a period and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.03 | ReturnFile | Customer submits an "IPS" return with 0 grossAmount and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.04 | ReturnFile | Customer submits a consecutive "IPS" return for a 'Casual Supplemental' account and recieves a success response (response code: 0) | Success |  |  |  |  |
| IPS1.05 | ReturnFile | Customer submits an amend return request for an "IPS" return which has multiple joint account holders and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.06 | ReturnFile | Customer submits an amend return request for an "IPS" return having isReverseReplace "true" with line items and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.07 | ReturnFile | Customer submits an "IPS" amend return request for a period which is passed and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.08 | ReturnFile | Customer submits an "IPS" amend return request to add a line item and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.09 | ReturnFile | Customer submits an "IPS" amend return request to delete a line item and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.10 | ReturnFile | Customer submits an IPS amend return request with periodEndDate: 2019-04-30 and submissionKey: missing and receives a success response (response code: 0) - *Regisitered as a Monthly Filer* | Success |  |  |  |  |
| IPS1.11 | ReturnFile | Customer submits an IPS amend request for one among multiple returns submitted for the same period and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.12 | ReturnFile | Customer submits an "IPS" return with primaryPhone but missing primaryEmail and primaryAddress line items and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.13 | ReturnFile | Customer submits an "IPS" return with a primaryEmail but missing a primaryPhone and primaryAddress line items and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.14 | ReturnFile | Customer submits an "IPS" return with a primaryAddress but missing a with missing primaryPhone and primaryEmail line items and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.15 | ReturnFile | Customer submits an "IPS" return with all optional attributes are "empty" and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.16 | ReturnFile | Customer submits a return for the product "IPS" and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.17 | ReturnFile | "An Intermediary" successfully submits a return for the product "IPS" receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.18 | ReturnFile | Customer amends an "IPS" return submitted by an intermediary and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS1.19 | ReturnFile | Customer receives an error response when mandatory attribute "softwareProvider" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.20 | ReturnFile | Customer receives an error response when mandatory attribute "softwarePlatform" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.21 | ReturnFile | Customer receives an error response when mandatory attribute "softwareRelease" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.22 | ReturnFile | Customer receives an error response when mandatory attribute "identifier" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.23 | ReturnFile | Customer receives an error response when mandatory attribute "accountType" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.24 | ReturnFile | Customer receives an error response when mandatory attribute "periodEndDate" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.25 | ReturnFile | Customer receives an error response when mandatory attribute "majorFormType" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.26 | ReturnFile | Customer receives an error response when mandatory attribute "minorFormType" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.27 | ReturnFile | Customer receives an error response when mandatory attribute "isAmended" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.28 | ReturnFile | Customer receives an error response when mandatory attribute "primaryName" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.29 | ReturnFile | Customer receives an error response when mandatory attribute "grossAmount" is "empty" in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.30 | ReturnFile | Customer receives an error response when mandatory attribute identifierValueType is empty in File a return request for tax type IPS | Error |  |  |  |  |
| IPS1.31 | ReturnFile | Customer receives an error response for File a return request for tax type IPS, when request carries none of contactNumber, email and address fields | Error |  |  |  |  |
| IPS1.32 | ReturnFile | Customer receives an error response for "Amend a return" request for tax type "IPS", when request doesn't have AmendReason | Error |  |  |  |  |
| IPS1.33 | ReturnFile | Customer receives an error response when amend request carries no IRDNumber, no period and no submissionKey | Error |  |  |  |  |
| IPS1.34 | ReturnFile | Customer receives an error response when amend request carries no submissionKey, while filing frequency of the tax account is "Casual Supplemental" | Error |  |  |  |  |
| IPS1.35 | ReturnFile | Customer receives a error response when attribute "accountType" is ID/Account type not valid in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.36 | ReturnFile | Customer receives a error response when attribute "accountType" is an invalid tax type with 3 letters in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.37 | ReturnFile | Customer receives a error response when attribute "accountType" is a phrase with more than 3 letters in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.38 | ReturnFile | Customer receives a error response when attribute "majorFormType" is different from value IPS in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.39 | ReturnFile | Customer receives a error response when attribute "minorFormType" is different from value IPS in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.40 | ReturnFile | Customer receives a error response when attribute "isAmended" is is a value other than True or False in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.41 | ReturnFile | Customer receives a error response when attribute "primaryIRD" is a valid 8 digit IRD number in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.42 | ReturnFile | Customer receives a error response when attribute "primaryIRD" is a non-existing 9 digit IRD number in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.43 | ReturnFile | Customer receives a error response when attribute "primaryIRD" is a random number more than 9 digits in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.44 | ReturnFile | Customer receives a error response when attribute "primaryIRD" is violating modulus check in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.45 | ReturnFile | Customer receives a error response when attribute "primaryDateOfBirth" is in mm-dd-yyyy format (not valid) in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.46 | ReturnFile | Customer receives a error response when attribute "primaryDateOfBirth" is in dd/mm/yyyy format (not valid) in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.47 | ReturnFile | Customer receives a error response when attribute "primaryDateOfBirth" is a future date in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.48 | ReturnFile | Customer receives a error response when attribute "dateOfBirth" is a future date in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.49 | ReturnFile | Customer receives a error response when attribute "grossAmount" is with alphabetic characters in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.50 | ReturnFile | Customer receives a error response when attribute "grossAmount" is negative value in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.51 | ReturnFile | Customer receives a error response when attribute "deductedAmount" is negative value in "File a return" request for tax type "IPS" | Error |  |  |  |  |
| IPS1.52 | ReturnFile | Customer receives an error response when amend request carries an invalid amendReason | Error |  |  |  |  |
| IPS1.53 | ReturnFile | Customer receives an error response for File return when no line items | Error |  |  |  |  |
| IPS1.54 | ReturnFile | Customer receives an error response for File return when line items with duplicate reference Ids | Error |  |  |  |  |
| IPS1.55 | ReturnFile | Customer receives an error response for File return when country code does not exist | Error |  |  |  |  |
| IPS1.56 | ReturnFile | Customer receives an error response for File return when country code is incorrect size | Error |  |  |  |  |
| IPS1.57 | ReturnFile | Customer receives an error response for File return when a return already filed for the period | Error |  |  |  |  |
| IPS1.58 | ReturnFile | Customer uses a submission key of different filing and not relevant to the amend file period and recieves an error response | Error |  |  |  |  |
| IPS1.59 | ReturnFile | Customer receives an error response for File return when request has one credit transfer requests | Error |  |  |  |  |
| IPS1.60 | ReturnFile | Customer receives an error response for File return when request has few credit transfer requests | Error |  |  |  |  |
| IPS1.61 | ReturnFile | Customer receives an error response when "amendType" is not a valid amend type in Amending a return for tax type "IPS" | Error |  |  |  |  |
| IPS1.62 | ReturnFile | Customer receives an error response when "amendType" is isn't specified for line item in Amending a return for tax type "IPS" | Error |  |  |  |  |
| IPS1.63 | ReturnFile | Customer receives an error response when a return is filed for a tax type which the payer doesn't have an account for | Error |  |  |  |  |
| IPS1.64 | ReturnFile | Customer receives an error response when a return is filed for an invalid period which isn't present in the system | Error |  |  |  |  |
| IPS1.65 | ReturnFile | Customer receives an error response when an amend request is made for a period for which a return isn't filed yet | Error |  |  |  |  |
| IPS1.66 | ReturnFile | Customer receives an error response when an amend request is made for the same line item with same amendment type | Error |  |  |  |  |
| IPS1.67 | ReturnFile | Customer receives an error response when an amend request is made for the same line item with different amendment types | Error |  |  |  |  |
| IPS1.68 | ReturnFile | Customer receives an error response when an amend request is made for the same line item with same amendment type, line number fields without referenceIds | Error |  |  |  |  |
| IPS1.69 | ReturnFile | Customer receives an error response when an amend request is made for the same line item with different amendment type, line number fields without referenceIds | Error |  |  |  |  |
| IPS1.70 | ReturnFile | Customer receives an error response when an amend request is made with a reference number which already exists in the return | Error |  |  |  |  |
| IPS1.71 | ReturnFile | Customer receives an error response when an amend request is made with a reference number which isn't relevant to original return | Error |  |  |  |  |
| IPS1.72 | ReturnFile | Customer receives an error response when an amend request is made with a line item number which isn't relevant to original return | Error |  |  |  |  |
| IPS1.73 | ReturnFile | Customer receives an error response when authentication token "is missing from the request" | Error |  |  |  |  |
| IPS1.74 | ReturnFile | Customer receives an error response when authentication token "is not a valid token with lesser characters" | Error |  |  |  |  |
| IPS1.75 | ReturnFile | Customer receives an error response when authentication token "is a random phrase with correct length" | Error |  |  |  |  |
| IPS1.76 | ReturnFile | Customer receives an error response when authentication token "was issued for a different user" | Error |  |  |  |  |
| IPS1.77 | ReturnFile | Customer receives an error response when authentication token "has expired" | Error |  |  |  |  |
| IPS1.78 | ReturnFile | Customer files a return for a product they are not registered for and receives an error response. | Error |  |  |  |  |
| IPS1.79 | ReturnFile | An intermediary cannot file a return on-behalf of a client when they submit date 2019-06-30 is not between web logon active duration |  | Should probably remove this test |  |  |  |
| IPS1.80 | ReturnFile | An intermediary cannot file a return on-behalf of a client when they are not registered for the product | Error |  |  |  |  |
| IPS1.81 | ReturnFile | An intermediary cannot file a return on-behalf of a client when they are not linked to the client to submit return for | Error |  |  |  |  |
| IPS1.82 | ReturnFile | Using a submission key of different filing and not relevant to the amend file period returns an error response | Error |  |  |  |  |
| IPS1.83 | ReturnFile | Customer receives an error response when an amend request is made without referenceId and lineNumber | Error |  |  |  |  |
| IPS1.84 | ReturnFile | Customer receives an error response when a "IPS" return is submitted with dedcutedAmount equal to grossAmount | Error |  |  |  |  |
| **Retrieve return: Retrieving data/summary of an Investment Income return submitted for tax type: IPS** | | | | | | | |
| IPS2.01 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where mandatory field softwareProvider is empty and receives an error response | Error |  |  |  |  |
| IPS2.02 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where mandatory field softwarePlatform is empty and receives an error response | Error |  |  |  |  |
| IPS2.03 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where mandatory field softwareRelease is empty and receives an error response | Error |  |  |  |  |
| IPS2.04 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where mandatory field majorFormType is empty and receives an error response | Error |  |  |  |  |
| IPS2.05 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where period end date and submission key are not provided and receives an error response | Error |  |  |  |  |
| IPS2.06 | RetrieveReturn | Customer submits a IPS retrieve return request against a Casual Supplemental account and receives an error response as the Submission Key isn’t provided | Error |  |  |  |  |
| IPS2.07 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field identifier is a valid 8 digit IRD number and receives an error response | Error |  |  |  |  |
| IPS2.08 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field identifier is a non-existing 9 digit IRD number and receives an error response | Error |  |  |  |  |
| IPS2.09 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field identifier is a random number more than 9 digits and receives an error response | Error |  |  |  |  |
| IPS2.10 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field accountType is an un-supported tax type and receives an error response | Error |  |  |  |  |
| IPS2.11 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field accountType is an invalid tax type with 3 letters and receives an error response | Error |  |  |  |  |
| IPS2.12 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field accountType is a phrase with more than 3 letters and receives an error response | Error |  |  |  |  |
| IPS2.13 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field majorFormType is a different value from accountType and receives an error response | Error |  |  |  |  |
| IPS2.14 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field submissionKey is not found in IR end and receives an error response | Error |  |  |  |  |
| IPS2.15 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field period end date is in dd/mm/yyyy format and receives an error response | Error |  |  |  |  |
| IPS2.16 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS where field period end date is in mm-dd-yyyy format and receives an error response | Error |  |  |  |  |
| IPS2.17 | RetrieveReturn | Customer submits a user can successfully retrieve a previously submitted IPS file return filed by the user themselves | Success |  |  |  |  |
| IPS2.18 | RetrieveReturn | An Intermediary can successfully retrieve a previously submitted IPS file return filed by the intermediary themselves and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS2.19 | RetrieveReturn | Customer retrieves a previously submitted IPS file return filed by an intermediary and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS2.20 | RetrieveReturn | Customer cannot retrieve an IPS return if they are not registered for the product | Error |  |  |  |  |
| IPS2.21 | RetrieveReturn | An Intermediary cannot retrieve an IPS return if they are not linked to the client | Error |  |  |  |  |
| IPS2.22 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS when request period is valid and submissionKey is missing and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS2.23 | RetrieveReturn | Customer submits a retrieve return request for tax type IPS when request period is valid and submissionKey is valid and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS2.24 | RetrieveReturn | Customer submits a retrieve return request for 'Casual Supplemental' IPS account when multiple returns are filed against the same period and receives a success response (response code: 0) | Success |  |  |  |  |
| **Retrieve Status: Retrieving status of an Investment Income return submitted for tax type: IPS** | | | | | | | |
| IPS3.01 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where mandatory field softwareProvider is empty and receives an error response | Error |  |  |  |  |
| IPS3.02 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where mandatory field softwarePlatform is empty and receives an error response | Error |  |  |  |  |
| IPS3.03 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where mandatory field softwareRelease is and receives an error response | Error |  |  |  |  |
| IPS3.04 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where mandatory field majorFormType is empty and receives an error response | Error |  |  |  |  |
| IPS3.05 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where period end date and submission key are not provided and receives an error response | Error |  |  |  |  |
| IPS3.06 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field identifier is a valid 8 digit IRD number and receives an error response | Error |  |  |  |  |
| IPS3.07 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field identifier is a non-existing 9 digit IRD number and receives an error response | Error |  |  |  |  |
| IPS3.08 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field identifier is a random number more than 9 digits and receives an error response | Error |  |  |  |  |
| IPS3.09 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field accountType is an un-supported tax type and receives an error response | Error |  |  |  |  |
| IPS3.10 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field accountType is an invalid tax type with 3 letters and receives an error response | Error |  |  |  |  |
| IPS3.11 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field accountType is a phrase with more than 3 letters and receives an error response | Error |  |  |  |  |
| IPS3.12 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field majorFormType is a different value from accountType and receives an error response | Error |  |  |  |  |
| IPS3.13 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field period end date is in mm-dd-yyyy format and receives an error response | Error |  |  |  |  |
| IPS3.14 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field period end date is in dd/mm/yyyy format and receives an error response | Error |  |  |  |  |
| IPS3.15 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS where field submissionKey is not found in START and receives an error response | Error |  |  |  |  |
| IPS3.16 | RetrieveStatus | Customer submits a retrieve status request for tax type IPS when no return filed yet and receives an error response | Error |  |  |  |  |
| IPS3.17 | RetrieveStatus | Customer submits a retrieve status request for a valid period, with submission Key missing for IPS returns the status **Expected** | Error |  |  |  |  |
| IPS3.18 | RetrieveStatus | Customer submits a retrieve status request for a valid period, with a valid submission Key for IPS, returns the status **Ontime-Processing** | Success |  |  |  |  |
| IPS3.19 | RetrieveStatus | Customer submits a retrieve status request for a valid period, with a valid submission Key for IPS returns the status **Late-processed** | Success |  |  |  |  |
| IPS3.20 | RetrieveStatus | Intermediary submits a retrieve status of an IPS file return submitted by the payer themselves and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS3.21 | RetrieveStatus | Intermediary submits a retrieve status of an IPS file return submitted by the intermediary themselves and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS3.22 | RetrieveStatus | Customer submits a retrieve status of an IPS file return submitted by an intermediary and receives a success response (response code: 0) | Success |  |  |  |  |
| IPS3.23 | RetrieveStatus | Customer submits a retrieve status of an IPS return for a product they not registered for and receives an error response | Error |  |  |  |  |
| IPS3.24 | RetrieveStatus | Intermediary submits a retrieve status of an IPS return on-behalf of a client they are not linked to and receives an error response | Error |  |  |  |  |