PAYE Modernisation
PSDA Meeting 3rd September
Agenda

• PIT Update – including known issues list
• Parallel Test Update
• Payroll Corrections
• TLS
• Legislation Update
• Action List
PIT Updates
Service Desk Update

• 45 open tickets
• 417 closed tickets (115 closed since last workshop)
• Introduced the facility to re-open tickets if response does not answer fully issue raised

• Please remember not to attach live data to any tickets raised.
• Please remember to be courteous in all your replies.
Document Updates

• Employment ID Guide added

Error handling updates
• Error Structure Guide added
• Validation Rules spreadsheet updates
  – two new columns added
• SOAP integration guide updated
  – links to new error guide
## Known Error List

### 5 issues resolved in August 15th release

<table>
<thead>
<tr>
<th>Issue</th>
<th>Environment</th>
<th>Service</th>
<th>Issue Description</th>
<th>Resolution</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>2536</td>
<td>REST</td>
<td>RPN &amp; Payroll</td>
<td>Error Code of ‘-1’ returned for Invalid Signature</td>
<td>Change agreed at CAB to use HTTP responses. Validation rules document has been updated.</td>
<td>RESOLVED</td>
</tr>
<tr>
<td>2115</td>
<td>REST &amp; SOAP</td>
<td>RPN</td>
<td>Issue relating to LookupRPN responses where there are no RPNs to be returned. What is the expected outcome, an empty list or a no element?</td>
<td>An empty RPN list is returned with HTTP response of 200.</td>
<td>RESOLVED</td>
</tr>
</tbody>
</table>
| 298 / 2625 | REST & SOAP  | RPN     | EmployerRegistrationNumber is returned with a leading zero in all 3 file types from the direct upload facility. This only applies to older mock employer data. | Issue fixed. Leading zero is omitted in responses (SOAP / REST) for operations:  
- Payroll return  
- Create temporary RPN  
- LookUp Rpn By Employee  
- LookUp Rpn By Employer | RESOLVED |
| 2711  | REST & SOAP  | Payroll | Status | Check Payroll Submission to return Completed status as PRSI exempt is true. | RESOLVED |
| 2683  | REST & SOAP  | RPN | Look Up | When looking up RPN(s) by employeeID the PPSN requires a leading zero. | No leading zero should be required. | RESOLVED |
## Known Error List

15 issues open (no blocking issues) - Release date to be agreed after parallel test opening

<table>
<thead>
<tr>
<th>Code</th>
<th>Technology</th>
<th>Context</th>
<th>Error Type</th>
<th>Description</th>
<th>Expected Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>2886</td>
<td>SOAP</td>
<td>RPN</td>
<td>Schema Validation</td>
<td>Create New RPN request with invalid Employment Start date. Actual Result: RPN is created.</td>
<td>Create New RPN request with invalid Employment Start date. Expected Result: Schema validation Error</td>
</tr>
<tr>
<td>2868</td>
<td>SOAP</td>
<td>Payroll</td>
<td>Business Validation</td>
<td>The Path values in the validation errors for Batch submissions are &quot;N/A&quot; instead of the using the values in the Validation Error spreadsheet.</td>
<td>The Path values in the validation errors for Batch submissions shoule be the values in the Validation Error spreadsheet.</td>
</tr>
<tr>
<td>2953</td>
<td>REST</td>
<td>RPN</td>
<td>Validation</td>
<td>When validation error 1015 is returned other business validation errors are also returned.</td>
<td>When permissions/authorisation error occurs no additional business validation errors should be returned.</td>
</tr>
<tr>
<td>2956</td>
<td>REST</td>
<td>Headers</td>
<td>Validation</td>
<td>403 validation error when agent TAIN does not match the employer response incorrect content type is set (content type: text/plain) in the response header.</td>
<td>Response Header should have sontent type set to (content type: application/json)</td>
</tr>
<tr>
<td>2964</td>
<td>REST &amp; SOAP</td>
<td>RPN</td>
<td>Create RPN</td>
<td>USC is not returning 4th rate. USC bands not cut offs returned for new RPNs.</td>
<td>4th USC rate should be returned. New RPN should return cut offs not bands,</td>
</tr>
<tr>
<td>2962</td>
<td>REST</td>
<td>Returns Reconciliation</td>
<td>Validation</td>
<td>Invalid keyId returns a 404.</td>
<td>Invalid keyId should return a 401.</td>
</tr>
<tr>
<td>2970</td>
<td>REST &amp; SOAP</td>
<td>Returns Reconciliation</td>
<td>Corrections</td>
<td>If submissions have more invalid payslips than valid payslips in them, then the returns service is never updated to include this payslip for that period.</td>
<td>Returns service should updated.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>2734</td>
<td>SOAP</td>
<td>Payroll Submission</td>
<td>Processing Status</td>
<td>When a Batched Payroll submission is submitted with no payslips but LineItemID to Delete then in checkpayroll submission the batch status for that specific batch is PENDING and Submission status is COMPLETED. However, when a LineItemIDToDelete is supplied along with at least one payslip in the batch then the batch status and submission status are COMPLETED as expected.</td>
<td></td>
</tr>
<tr>
<td>3062</td>
<td>REST</td>
<td>Payroll Submission &amp; Check Payroll Submission</td>
<td>Validation</td>
<td>Eircode validation is stricter than the published documentation. Eircode : “AAA AAAA” Expected: Complete no errors Actual: Error Code 2014</td>
<td></td>
</tr>
<tr>
<td>2550</td>
<td>REST &amp; SOAP</td>
<td>Payroll Submission</td>
<td>Validation</td>
<td>Pension Tracing Number Length Code: 2039 Expect: Require Length 3-8 Actual: Require Length 8</td>
<td></td>
</tr>
<tr>
<td>1952</td>
<td>PIT Self Service App</td>
<td>TDM</td>
<td>Browser Compatibility</td>
<td>Internet Explorer is unable to create a mock employer and redirects to the dashboard.</td>
<td></td>
</tr>
<tr>
<td>3060</td>
<td>REST &amp; SOAP</td>
<td>All</td>
<td>Permissions</td>
<td>Agent cert used but no agent tain is included in the request. Expected: HTTP 403 code 1011 Actual: HTTP 500 Internal Error</td>
<td></td>
</tr>
<tr>
<td>3012</td>
<td>REST</td>
<td>RPN</td>
<td>Look up</td>
<td>Looking up by employee where the employmentID is the PPSN-Number returns no RPNs while look up all RPNs will retrieve the RPN</td>
<td></td>
</tr>
<tr>
<td>3014</td>
<td>REST</td>
<td>RPN</td>
<td>Look up</td>
<td>Look up RPN by employeeID where the complete employeeID is not provided and only the PPSN (with no dash) is submitted. Actual: 500 error.</td>
<td></td>
</tr>
<tr>
<td>3058</td>
<td>REST &amp; SOAP</td>
<td>Payroll Submission</td>
<td>Validation/ Warnings</td>
<td>Payslip for employee with no PPSN should display a warning. Actual: 200 and no warning</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Three general categories that issues are falling into:
- Signing issues
- Namespace issues
- Missing headers

- SOAP sample code - in progress for Friday 7th.

- Link to VRT example
  - https://rospublictest.ros.ie/devsupport/web-service-specs.html
  - Please note that this example does need to be updated to work with PMOD services
Parallel Test
Parallel Test - Update

• Testing Period
  – Week commencing Monday Sept 17th to Monday November 19th

• Participation
  – 25 payroll providers nominated 234 employers, with ~500,000 employees
  – 39 of 234 employers have successfully submitted their List of Employees

• Customer On-Boarding
  – 40 participating customers have requested certificates via MyEnquiries
  – Revenue will commence issuing certificates via MyEnquiries this week
  – Customers may use these certs to create PREM-Only sub-certs as per Live
Parallel Test - Update

• Customer Support
  – Support will be provided via the Employer Helpdesk and MyEnquiries, as per documentation previously issued.
  – The following documentation will be issued prior to test commencement:
    » Submission & Rates and OPA user guides for parallel testing
    » User guide for creating sub-certs for parallel testing
    » List of basic info to be included in support calls by customers
End Points

• Will be provided to PSDA via Sean this week.
• Endpoint must not be used until official notification that test facility is open.
Payroll Corrections
First Submission

Payroll submission

These are the results from your payroll submission. Please download the response file for further information.

Submission ID: 100340

Total PAYE deductions
- Income Tax: €4,444.00
- PRSI: €0.00
- USC: €4,444.00
- LPT: €0.00

Submission items
- Additions: 2
- Corrections: 0
- Deletions: 0
- Invalid: 0

Additions
These items were added to the payroll run and are included in the total PAYE deductions for this submission.

<table>
<thead>
<tr>
<th>Line item ID</th>
<th>PPS number</th>
<th>Employment ID</th>
<th>Employment reference</th>
<th>Pay date</th>
<th>Income Tax</th>
<th>PRSI</th>
<th>USC</th>
<th>LPT</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>w603</td>
<td>63273920</td>
<td>45j</td>
<td>123000</td>
<td>21/11/2018</td>
<td>€2,222.33</td>
<td>€0.00</td>
<td>€2,222.00</td>
<td>€0.00</td>
<td>View</td>
</tr>
<tr>
<td>w36811</td>
<td>00008920</td>
<td>2</td>
<td>123000</td>
<td>21/11/2018</td>
<td>€2,222.33</td>
<td>€0.00</td>
<td>€2,222.00</td>
<td>€0.00</td>
<td>View</td>
</tr>
</tbody>
</table>

Warning - Out-of-date RPM used.

ROS homepage
Payroll submission

These are the results from your payroll submission. Please download the response file for further information.

Submission ID: 100341

Submission results
- Status: Completed
- Payroll reference: AugDisplay
- Date submitted: 01/09/2018
- Tax year: 2018

Total PAYE deductions
- Income Tax: €333.33
- PRSI: €0.00
- USC: €333.00
- LPT: €0.00

Submission items
- Additions: 1
- Corrections: 1
- Deletions: 0
- Invalid: 0

^ Additions
These items were added to the payroll run and are included in the total PAYE deductions for this submission.

<table>
<thead>
<tr>
<th>Line item ID</th>
<th>PPS number</th>
<th>Employment ID</th>
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<th>USC</th>
<th>LPT</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>w604</td>
<td>6327302Q</td>
<td>451</td>
<td>123000</td>
<td>21/11/2018</td>
<td>€2,222.33</td>
<td>€0.00</td>
<td>€2,222.00</td>
<td>€0.00</td>
<td>View</td>
</tr>
</tbody>
</table>

• Warning - Out-of-date RPN used.

^ Corrections
These items were corrected in the payroll run and are included in the total PAYE deductions for this submission.

<table>
<thead>
<tr>
<th>Line item ID</th>
<th>PPS number</th>
<th>Employment ID</th>
<th>Employer reference</th>
<th>Pay date</th>
<th>Income Tax</th>
<th>PRSI</th>
<th>USC</th>
<th>LPT</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>w36812</td>
<td>00000892Q</td>
<td>2</td>
<td>123000</td>
<td>21/11/2018</td>
<td>€333.33</td>
<td>€0.00</td>
<td>€333.00</td>
<td>€0.00</td>
<td>View</td>
</tr>
</tbody>
</table>

Previous item:
<table>
<thead>
<tr>
<th>Line item ID</th>
<th>PPS number</th>
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<th>Pay date</th>
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<td>€2,222.00</td>
<td>€0.00</td>
<td>View</td>
</tr>
</tbody>
</table>
Payroll reference: AugDisplay

**Payroll run details**
- Status: Processed
- Last updated: 01/09/2018
- Tax year: 2018

**Total PAYE deductions**
- Income Tax: €4,777.99
- PRSI: €0.00
- USC: €4,777.00
- LPT: €0.00

**Submission summary**
- Active items: 3
- No. of warnings: 2
- Payroll submissions: 2

**Recent submissions**

<table>
<thead>
<tr>
<th>Date submitted</th>
<th>Submission ID</th>
<th>Additions</th>
<th>Corrections</th>
<th>Deletions</th>
<th>Invalid Items</th>
<th>Income Tax</th>
<th>PRSI</th>
<th>USC</th>
<th>LPT</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/09/2018</td>
<td>100341</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>€333.33</td>
<td>€0.00</td>
<td>€333.00</td>
<td>€0.00</td>
<td>Completed</td>
</tr>
<tr>
<td>01/09/2018</td>
<td>100340</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>€4,444.66</td>
<td>€0.00</td>
<td>€4,444.00</td>
<td>€0.00</td>
<td>Completed</td>
</tr>
</tbody>
</table>
Payroll submission

These are the results from your payroll submission. Please download the response file for further information.

**Submission ID: 100340**

**Submission results**
- Status: Completed
- Payroll reference: AugDisplay
- Date submitted: 01/09/2018
- Tax year: 2018

**Total PAYE deductions**
- Income Tax: €4,444.66
- PRSI: €0.00
- USC: €4,444.00
- LPT: €0.00

**Submission items**
- Additions: 2
- Corrections: 0
- Deletions: 0
- Invalid: 0

**Additions**
These items were added to the payroll run and are included in the total PAYE deductions for this submission.

<table>
<thead>
<tr>
<th>Line item ID</th>
<th>PPS number</th>
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<td>€0.00</td>
<td>View</td>
</tr>
</tbody>
</table>

*Warning - Out-of-date RPN used.*

*Note - Item modified by subsequent payroll submission*
### Submission item details

These are the payroll details for this submission item.

#### Reference details
- Run reference: AugDisplay
- Submission ID: 100340
- Line Item ID: W20871

#### Employee details
- Name: PAYEOS-MOSE PAYEOS-NADER
- Employee ID
  - PRS number: 00008920
  - Employment ID: 2
- Address
  - Address line 1: 1001 The Close Dublin Ireland
  - County: Dublin
  - Eircode: A654E2
- Country code: IRL
- Date of birth: 05/04/1992
- Employer reference: 123000
- Employment start date: 01/01/2013
- Pay frequency: Monthly
- Pay periods: 12
- Shadow payroll: No
- Directorship: Proprietary

### Pay and deductions
- Pay date: 21/11/2018
- RPN number: 20
- Gross pay: €0.00
- Pay for income tax: €228.37
- Income tax paid: €2,222.33
- Tax credits: €0.00

#### Tax rates
- Tax rate: 1
- Standard rate cut off point this period: €0.00

#### USC status
- Ordinary
- Pay for USC: €2,583.34
- USC paid: €2,222.00
- PRSI exempt: No

#### PRSI classes
- PRSI class 1: A1
  - Insurable weeks: 8
- Pay for employee PRSI: €2,583.34
- Employee PRSI paid: €0.00
- Pay for employer PRSI: €2,583.34
- Employer PRSI paid: €0.00
- LPT deducted: €0.00

### Other pay and deductions
- Gross medical insurance paid by employer: €0.00
- Share based remuneration: €0.00
- Taxable benefits: €0.00
### Submission item details

These are the payroll details for this submission item.

#### Reference details

- **Run reference**: AugDisplay
- **Submission ID**: 100341
- **Line item ID**: w36812
- **Previous line item ID**: w36811

#### Employee details

- **Name**: PAYEOS-MOSE PAYEOS-NADER
- **PPS number**: 0000892Q
- **Employment ID**: 2
- **Address**:
  - **Address line 1**: 1001 The Close Dublin Ireland
  - **County**: Dublin
  - **Eircode**: A85F4E2
  - **Country code**: IRL
- **Date of birth**: 05/04/1992
- **Employer reference**: 123000
- **Employment start date**: 01/01/2013
- **Pay frequency**: Monthly
- **Pay periods**: 12
- **Shadow payroll**: No
- **Directorship**: Proprietary

#### Pay and deductions

- **Pay date**: 21/11/2018
- **RPN number**: 20
- **Gross pay**: €0.00
- **Pay for income tax**: €333.17
- **Income tax paid**: €333.33
- **Tax credits**: €0.00

#### Tax rates

- **Tax rate**: 1
- **Standard rate cut off point this period**: €0.00

#### USC status

- **USC status**: Ordinary
- **Pay for USC**: €333.34
- **USC paid**: €333.00
- **PRSI exempt**: No

#### PRSI classes

- **PRSI class 1**: A1
- **Insurable weeks**: 8
- **Pay for employee PRSI**: €333.34
- **Employee PRSI paid**: €0.00
- **Pay for employer PRSI**: €333.34
- **Employer PRSI paid**: €0.00
- **LPT deducted**: €0.00

#### Other pay and deductions

- **Gross medical insurance paid by employer**: €300.00
- **Share based remuneration**: €0.00
- **Terrible benefits**: €0.00
TLS
TLS – Supported versions

Query raised regarding the TLS setting in PIT vs Live

• TLS 1.0 is end of live
  – Currently IE 8, 9 and 10 have support for TLS 1.2 disabled by default which is why we’ve continued to allow TLS 1.0 in live for now

• However **TLS 1.2** should be used for PMOD services

• Revenue’s supported protocols are under constant review to balance security against ongoing support for older browsers;
Legislation Update
PSDA Actions
AOB

• Next Meetings:
  – Wednesday 12\textsuperscript{th} of September 11am
  – Wednesday 3\textsuperscript{rd} of October 11am
  – Wednesday 24\textsuperscript{th} of October 11am