|  |
| --- |
| black_header_in_1cm  |
|  |  |  |
| Standard Business ReportingAustralian Taxation Office Tax File Number Declaration TFND.0005 2019 Package v1.1 Contents Date: 19th September 2024  |
|  |
| attention_pms This document and its attachments are **Official** | direction_pms **For further information or questions, contact the SBR Service Desk at** SBRServiceDesk@sbr.gov.au |
|  |

VERSION CONTROL

| **Version** | **Release date** | **Description of changes** |
| --- | --- | --- |
| 1.1 | 19.09.2024 | Final release of TFND.0005 2019 service for 19th September 2024 EVTE release.**Note: *‘Updated’ :*** *The artefact has changed since the last public release for this package. It could occur as a result of refining service/messages due to feedback or defects.***Section 2 Package contents****Updated:*** **ATO TFND.0005 2019 Message Structure Table.xlsx**
* **ATO TFND.0005 2019 Submit Contracts.zip**
* **ATO TFND.0005 2019 Rule Implementation.zip**
 |

**Copyright**

© Commonwealth of Australia 2024 (see exceptions below).
This work is copyright. Use of this Information and Material is subject to the terms and conditions in the "SBR Disclaimer and Conditions of Use" which is available at [http://www.sbr.gov.au](http://www.sbr.gov.au/). You must ensure that you comply with those terms and conditions. In particular, those terms and conditions include disclaimers and limitations on the liability of the Commonwealth and an indemnity from you to the Commonwealth and its personnel, the SBR Agencies and their personnel.

You must include this copyright notice in all copies of this Information and Material which you create. If you modify, adapt or prepare derivative works of the Information and Material, the notice must still be included but you must add your own copyright statement to your modification, adaptation or derivative work which makes clear the nature of your modification, adaptation or derivative work and you must include an acknowledgement that the adaptation, modification or derivative work is based on Commonwealth or SBR Agency owned Information and Material. Copyright in SBR Agency specific aspects of the SBR Reporting Taxonomy is owned by the relevant SBR Agency.

Table of contents

[1 Introduction 5](#_Toc176436244)

[1.1 Document Purpose 5](#_Toc176436245)

[1.2 Audience 5](#_Toc176436246)

[1.3 Purpose of this package 5](#_Toc176436247)

[1.4 Summary of artefacts the ATO packages 5](#_Toc176436248)

[1.4.1 In general 5](#_Toc176436249)

[1.4.2 XML Schema Generation Algorithm 5](#_Toc176436250)

[1.4.3 Services 6](#_Toc176436251)

[1.4.4 Interactions 6](#_Toc176436252)

[1.4.5 Package artefact status description 7](#_Toc176436253)

[2 Package contents 8](#_Toc176436254)

[3 C# changes 10](#_Toc176436255)

[3.1 Technical changes 10](#_Toc176436256)

[3.2 Event message changes 11](#_Toc176436257)

[4 Known issues and future scope 12](#_Toc176436258)

[4.1 Issues and incidents 12](#_Toc176436259)

[4.2 Future scope 12](#_Toc176436260)

[Appendix A – Prior Version History 13](#_Toc176436261)

1. **Introduction**
	1. Document Purpose

The purpose of this document is to advise software developers of the package contents for Standard Business Reporting (SBR) Tax File Number Declaration (TFND) 2019 provided by the Australian Taxation Office (ATO).

* 1. Audience

The audience for this Package Content note is software developers who have or are interested in developing the TFND.0005 2019 service on the SBR ebMS3 Services platform in the XML format. TFND.0005 2019 service will only be available on the SBR ebMS3 platform.

* 1. Purpose of this package

The purpose of this release is to streamline the way message artefacts are presented to software developers

All relevant message artefacts that comprise the TFND.0005 2019 service are contained within one zip file. The package will be versioned up each time artefacts are added or updated.

* 1. Summary of artefacts the ATO packages
		1. In general

The following artefacts may be released under this package title for the TFND.0005 2019 service:

* Message Repository
* Message Structure Tables (MSTs)
* Validation Rules (VRs)
* Contract schemas and samples
* Rule Implementation zip file (C#)

***Note:***

The first PCN released outlines the expected artefacts to be within the package at an end state – as known at that point in time.

As a general rule, this service will have at minimum an MST and a VR.

* + 1. XML Schema Generation Algorithm

This package contains a version of the TFND service (TFND.0005 2019) that uses the new XML generation algorithm.

This algorithm reduces the length and simplifies the element names. The intent of this change is to reduce the size of the XML messages. To support this, contextualisation has been removed in the message structures tables and tuples have been used instead to represent complex types.

To obtain an understanding of the changes to the schema, in particular the classword shortening approach, refer to the ATO XML Schema Generation Algorithm document that is available on [ATO page](http://www.sbr.gov.au/software-developers/developer-tools/ato) in sbr.gov.au.

* + 1. Services

The following table shows the services that form the TFND product suite and their relationship to previous service versions:

| **Description** | **Service** | **Change** | **Product** | **Comments** |
| --- | --- | --- | --- | --- |
| TFN Declaration 2019 | tfnd.0005.2019 | Present | TFND | Updates to Message Structure Table |

* + 1. Interactions

The following table lists the interactions for the TFND.0006 2025 service.

| **Description** | **Interaction** | **Change** | **Product** | **Comments** |
| --- | --- | --- | --- | --- |
| TFN Declaration 2019 - Submit | tfnd.0005.2019.submit | Present | TFND |  |

Detailed information on TFND service can be found in the Service Registry, along with associated messages.

* + 1. Package artefact status description

The table in *Section 2 Package Contents* reflects the status of artefacts in the *Package Status* column and needs to be read in conjunction with the *Comments* column in order to understand the scale of change that may be applicable.

The table below describes the terminology used in the *Package Status* column and the business description of the package status:

| **Package Status** | **Business Description** |
| --- | --- |
| **Pending** | The artefact is currently under development and is expected to be released in a future package. |
| **New** | The artefact is new for the package and has not been published previously. This would usually occur when an artefact has previously been marked as Pending (under development) or a new Government/ATO initiative sees the development of new services/messages to be deployed.  |
| **Updated** | The artefact has changed since the last public release for this package. It could occur as a result of refining service/messages due to feedback or defects.  |
| **Present** | The artefact is within the package and has had no change from the prior package for this year or a previous/forward year where artefacts cross multiple years. |
| **Removed** | The artefact was within the package in a prior release but has been removed as it is not relevant for the service/suite in question. This could occur due to Government legislation waiting on Royal Assent not being passed or other factors. |

1. **Package contents**

The table below outlines the package contents.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Document Date | Document Status | Version | Comments | Package Status |
| ATO TFND.0005 2019 Message Structure Table.xlsx | 19.09.2024 | Final | 1.2 | Updated the business guidance due to Department of Employment and Workplace Relations (DEWR) extending the Trade Support Loan (TSL) to other types of apprenticeships. Updated to correct max length (TFND10, TFND11, TFND29, TFND30, TFND46, TFND47, TFND7, TFND35, TFND8, TFND36, TFND22, TFND126, TFND271). Document only update.Updated XML - XPath to correct location path (TFND271).*Please refer to the version control of the artefact for further information.* | Updated |
| ATO TFND.0005 2019 Submit Validation Rules.xlsx | 18.04.2019 | Final | 1.0 | No changes from prior release | Present |
| ATO TFND.0005 2019 Submit Contracts.zip | 19.09.2024 | Final | 1.1 | Updated to align with Department of Employment and Workplace Relations (DEWR) extending the Trade Support Loan (TSL) to other types of apprenticeships update to Message Structure. No functional change. | Updated |
| ATO TFND.0005 2019 Rule Implementation.zip | 19.09.2024 | Final | 1.1 | Updated location XML – XPath for TFND271. (No functional change)* TFND2019RequestValidator.cs file
 | Updated |

|  |  |
| --- | --- |
| **Total artefacts in this Package:**  | **04** |
| Present artefacts | 01 |
| New artefacts | 00 |
| Updated artefacts | 03 |
| Pending artefacts | 00 |
| Removed artefacts | 00 |

1. **C# changes**

## Technical changes

The table below outlines the changes made in the C# files where the code has been updated, and the design artefact have remained the same. Where both the code and design has changed this will be reflected in the individual design artefact (validation rules) maintained in the package, and will not be called out in the table below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Service Action | Rule ID | Change | Previous Rule | Previous Message ID | New Rule | New Message ID |
| TFN Declaration 2019 – Submit | VR.ATO.TFND.000177 | The rule validates Supplier contact e-mail address and uses the regular expression : IsValidEmail in the code. A bug in the code was not allowing apostrophe in the email address. The bug has now been fixed. Reference : TFS 1340923 | Email regular expression used in previous version of code : *"^([a-zA-Z0-9\_\-\.]+)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)|(([a-zA-Z0-9\-]+\.)+))([a-zA-Z]{2,4}|[0-9]{1,3})(\]?)$"* | No change in Message ID | Email regular expression used in current version of code : *@"^\S.\*@.+\.\S+$"* | No change in Message ID |
| TFN Declaration 2019 – Submit | VR.ATO.TFND.000195 | The rule validates Payer contact e-mail address and uses the regular expression : IsValidEmail in the code. A bug in the code was not allowing apostrophe in the email address. The bug has now been fixed. Reference : TFS 1340923 | Email regular expression used in previous version of code : *"^([a-zA-Z0-9\_\-\.]+)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)|(([a-zA-Z0-9\-]+\.)+))([a-zA-Z]{2,4}|[0-9]{1,3})(\]?)$"* | No change in Message ID | Email regular expression used in current version of code : *@"^\S.\*@.+\.\S+$"* | No change in Message ID |
| TFN Declaration 2019 – Submit | VR.ATO.TFND.000270 | The rule validates Payee Primary e-mail address and uses the regular expression : IsValidEmail in the code. A bug in the code was not allowing apostrophe in the email address. The bug has now been fixed. Reference : TFS 1340923 | Email regular expression used in previous version of code : *"^([a-zA-Z0-9\_\-\.]+)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)|(([a-zA-Z0-9\-]+\.)+))([a-zA-Z]{2,4}|[0-9]{1,3})(\]?)$"* | No change in Message ID | Email regular expression used in current version of code : *@"^\S.\*@.+\.\S+$"* | No change in Message ID |

## Event message changes

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Service Action | Rule ID | Change | Previous Event Message | Previous Message ID | New Event Message | New Message ID |
|  | None |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. **Known issues and future scope**

The following is a list of issues and/or future work to be implemented for TFN Declaration 2025. There may be impacts to successful development until the issues are resolved or the future scope has been implemented (as an example where a service is deployed over multiple iterations and won’t be complete for some time).

## Issues and incidents

| **Issue** **#** | **Issue Description** | **Impacted** **Interactions** | **Reference Number** | **Resolution** | **Proposed** **EVTE Date** | **Proposed****PROD Date** | **Issue Status (Open/****Closed/****Deferred)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | None |  |  |  |  |  |  |

## Future scope

| **Change** **#** | **Change Description** | **Impacted** **Interactions** | **Proposed** **EVTE Date** | **Proposed****PROD Date** | **Change Status (Open/****Closed)** |
| --- | --- | --- | --- | --- | --- |
|  | None |  |  |  |  |

Appendix A – Prior Version History

|  |  |  |
| --- | --- | --- |
| **Version** | **Release date** | **Description of changes** |
| 1.0 | 18.04.2019 | Final release of TFND.0005 2019 service for 18th April 2019 EVTE release.**Note: *‘Updated’ :*** *The artefact has changed since the last public release for this package. It could occur as a result of refining service/messages due to feedback or defects.***Section 2 Package contents**The following artefacts were versioned to ‘Final’ **with no functional changes**.**Updated:*** **ATO TFND.0005 2019 Message Structure Table.xlsx**
* **ATO TFND.0005 2019 Submit Validation Rules.xlsx**
* **ATO TFND.0005 2019 Submit Contracts.zip**

The following artefact was versioned to ‘Final’ **with functional changes**.**Updated:*** **ATO TFND.0005 2019 Rule Implementation.zip**

**Section 3.1 Technical Changes**The technical implementation of the following rules was updated* VR.ATO.TFND.000177
* VR.ATO.TFND.000195
* VR.ATO.TFND.000270
 |
| 0.2  | 07.03.2019 | Draft release of TFND.0005 2019 service for 7th March EVTE release.**Note:*****‘Updated’:*** *The artefact has changed since the last public release for this package. It could occur as a result of refining service/messages due to feedback or defects.***Section 2 Package contents****Updated:*** **ATO TFND.0005 2019 Message Structure Table.xlsx**
 |
| 0.1 | 20.12.2018 | Initial draft release of TFND.0005 2019 service. **Note:** *‘****New****’ artefacts are draft for consultation and describe (at a high level) changes for this iteration only from a prior year.* **Section 2 Package contents****New:*** **ATO TFND.0005 2019 Message Structure Table.xlsx**
* **ATO TFND.0005 2019 Submit Validation Rules.xlsx**
* **ATO TFND.0005 2019 Submit Contracts.zip**
* **ATO TFND.0005 2019 Rule Implementation.zip**
 |