Document properties

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<th>Document title</th>
<th>Electronic Work Diary (EWD) – Standards – Schedule A</th>
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<td>Process control level</td>
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</tr>
<tr>
<td>Owner</td>
<td>Geoff Casey Executive Director Productivity &amp; Safety</td>
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<tr>
<td>Owner Approval Signature</td>
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<td>Fatigue Management</td>
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Revision history

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<tr>
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<tr>
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<th>27 November 2018</th>
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This document is effective from the date indicated and remains current until reissued with an effective date beyond the date given here.
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1. General Information

The Electronic Work Diary Policy Framework establishes the NHVR’s approach to administering the Electronic Work Diary (EWD) provisions in the Heavy Vehicle National Law (HVNL).

The framework consists of the following documents which are designed to be read in conjunction with each other:
- EWD Policy Framework
- EWD Privacy Policy
- EWD Compliance Policy
- EWD Standards (inclusive of the EWD Standards – Schedule A (this document))

To access the full suite of documents, visit www.nhvr.gov.au/EWD.

2. Two-up driver declaration

The following statement shall be accepted by the two-up driver where driver name is automatically filled by the EWD, or entered by the driver.

I ________ (driver name) confirm that I am engaged in a two-up driver arrangement.

By submitting this confirmation you are declaring that:
- The two-up driver identification details are not false or misleading.

If the identification details are not correct, correct these details prior to submitting this confirmation.

A statement that is false or misleading may be used in legal proceedings for an offence against the Heavy Vehicle National Law, or another law of a State or the Commonwealth of Australia.

Making a false or misleading entry in an electronic work diary is an offence punishable by a fine of over $10,000.

3. Driver confirmation declaration statement

The EWD shall request the driver to confirm the records with the following statement.

You are about to submit your work and rest record for the day. Once you have submitted it, it cannot be corrected.

By submitting your work and rest record, you are declaring that the entries:
- were made by you personally
- are not false or misleading

Confirm that the information in the work and rest record is correct, [OR], if you are not sure that the information in the work and rest record is correct, correct it now prior to submitting your work and rest record.

Entries may be used in legal proceedings for an offence against the Heavy Vehicle National Law Act 2012, or another law of a State or the Commonwealth of Australia.

Making a false or misleading entry in an electronic work diary is an offence punishable by a fine of over $10,000.
4. **Summary of work diary objects**

The data transfer format is based on a set of defined JSON objects.

The following objects shall be used:

(a) *AuthorisedOfficerAnnotation* – as the information required when an authorised officer annotation is made on the work diary

(b) *Comment* – as the information required when a driver comment is made

(c) *DriverData* – as the driver’s identifying information stored in the system

(d) *NumberPlateEvent* – as a record of number plate changes

(e) *TwoUpevent* – as a record of changes in a two-up driving arrangement

(f) *WorkRestEvent* – as a record of work and rest activity events

(g) *WorkRestOptionEvent* – as a record of changes in the work and rest hours option in use by the driver

5. **Schema for data transfer**

Technology providers shall transfer data using the following format:

```json
{
   "$schema": "http://json-schema.org/draft-06/schema#",
   "additionalProperties": false,
   "definitions": {
      "authorisedOfficerAnnotation": {
         "description": "This is where the annotations of an authorised officer are stored.",
         "properties": {
            "Annotation": {
               "type": "string"
            },
            "flaggedTime": {
               "$ref": "#/definitions/timestamp",
               "description": "A time reference of interest for the annotation."
            },
            "interceptTime": {
               "$ref": "#/definitions/timestamp",
               "description": "The time when the truck was intercepted."
            },
            "location": {
               "$ref": "#/definitions/location"
            },
            "timestamp": {
               "$ref": "#/definitions/timestamp",
               "description": "The system timestamp when this entry was made."
            }
         }
      },
      "comment": {
         "description": "A driver comment event."
      }
   }
}
```
"Exemption":
{
  "type": "string"
}

workRestEvent:
{
  "description": "A representation of an update to work rest details.,",
  "properties": {
    "eventType": {
      "enum": [
        "Work",
        "Rest"
      ]
    },
    "location": {
      "$ref": "#/definitions/location"
    },
    "odometer": {
      "minimum": 0,
      "multipleOf": 1.0,
      "type": "number"
    },
    "startTime": {
      "$ref": "#/definitions/timestamp",
      "description": "The time reference for the commencement of work or rest."
    },
    "timestamp": {
      "$ref": "#/definitions/timestamp",
      "type": "object"
    }
  }
}

workRestOptionEvent:
{
  "description": "A work and rest hours option change event.,",
  "properties": {
    "afmAccreditationNumber": {
      "type": "string"
    }
  }
}
"description":"If the workRestOption is AFM this must be set.",
"type": "string"
},
"timestamp":{
"$ref": "#/definitions/timestamp",
"type": "object"
},
"workRestOption":{
"description": "Work and rest hours option of a driver.",
"enum": ["Standard", "StandardBus", "BFM", "AFM", "Exemption"],
"type": "string"
},
"type": "object"
},
"description": "Definition of a workdiary.",
"id": "ewd.json",
"properties": {
"technologyProviderId": {
"description": "Technology provider providing the records with the Technology Provider Id being the approval holder name as registered with NHVR.",
"type": "string"
},
"authorisedOfficerAnnotations": {
"items": [ {
"$ref": "#/definitions/authorisedOfficerAnnotation",
"type": "object"
}
],
"type": "array"
},
"comments": {
"items": [ {
"$ref": "#/definitions/comment",
"type": "object"
}
],
"type": "array"
},
"driverInfo": {
"$ref": "#/definitions/driverData",
"type": "object"
},
"numberPlateEvents": {
"items": [
    {
        "$ref": "/definitions/numberPlateEvent",
        "type": "object"
    },
    "type": "array"
],
"twoUpEvents": {
    "items": [
        {
            "$ref": "/definitions/twoUpEvent",
            "type": "object"
        },
        "type": "array"
    },
"work Rest Events": {
    "items": [
        {
            "$ref": "/definitions/workRestEvent",
            "type": "object"
        },
        "type": "array"
    },
"work Rest Option Events": {
    "items": [
        {
            "$ref": "/definitions/workRestOptionEvent",
            "type": "object"
        },
        "type": "array"
    },
    "type": "object",
    "version": "0.3.1"