# International File Format

Addendum NS

# International File Format: Addendum NS

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## Revision History

| VERSION | DATE | REMARKS |
|---|---|---|
| 1.1.0 | February 2016 | Added GVK |
| 1.0.0 | December 2014 | Added SERVDEST |

## References

| REF | DOCUMENT | AUTHOR | VERSION |
|---|---|---|---|
| [IFFDoc] | International File Format | HPE. | 4.2.4 |

# Contents

# 1 Introduction

Apart from the official IFF-set the NS uses some files in their timetable definition that are very specific for the company and are therefore specified in this document.

Using the SRVCDEST file it is possible to further specify the destination of the services (see SRVCDEST).

The file GVK can be used to specify stops that are not preferred change stops. That is: if there is a equivalent alternative than that option should be given instead of the specified stop.
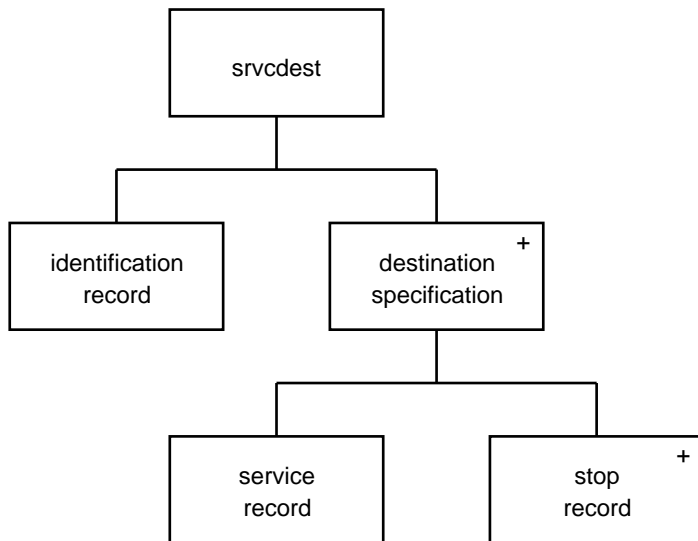
# 2 Extra Files

## 2.1 Refine the destination of a service: SRVCDEST

The file SRVCDEST can be used to refine the value of the destination of a service. The provision of this file is optional.

The file consists of an identification record and alternating a service record and a number of stop code records. The service record defines a subset of services and the stops define the destination that will be shown at a certain point.

The service record specifies the company number and the range for the service number (from TIMETBLS). It is also possible to specify whether the service numbers are odd or even.

The stops that are defined are those stops that will be shown as destination when this stop is the first to service. Note that the destination in a service can change during the progression of a service.



**Identification record.**  See the description of the  DELIVERY  file for this record.

**Destination definition.**

| first pos. | last pos. | name of field | format | description |
|---|---|---|---|---|
| 1 | 1 | record id | char | '#' |
| 2 | 4 | company number | num | number of company as specified in COMPANY |
| 6 | 13 | start range | num | start of range of services |
| 15 | 22 | end range | num | end of range of services |
| 24 | 24 | oddeven | 0 (even) or 1 (odd) | Whether only the odd/even services are affected |

Comma on positions 5, 14, 23. Carriage return on position 25. Linefeed on position 26.

**Stop code record.**

| first pos. | last pos. | name of field | format | description |
|---|---|---|---|---|
| 1 | 1 | record id | char | '-' |
| 2 | 8 | station short name | char | station short name; coded as specified in chapter STATIONS |

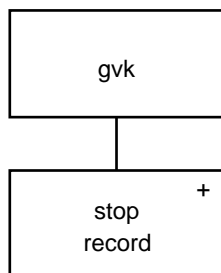Carriage return on position 9. Linefeed on position 10.

**Example.**

```
@100,09122012,14122013,0372,IFF uit RITS
#100,00004000,00004099,0
-rtd
-gd
-bkl
-asd
#100,00004000,00004099,1
-utg
-asd
-bkl
-gd
#100,00005700,00005799,0
-ut
-hvs
-wp
-shl
-ledn
#100,00005700,00005799,1
-gvc
-ledn
-wp
-hvs
```

## 2.2 Specify Stops to avoid: GVK

The file GVK can be used to specify stops that are regarded as slightly unfavourable for changing onto another service. That is: if, for a particular journey, a change at a different stop (not in the GVK-file) is equally possible (with conservation of overall journey departure and arrival times), then that alternative stop is generally preferred.

The provision of this file is optional.



**Stop code record.**

| first pos. | last pos. | name of field | format | description |
|---|---|---|---|---|
| 1 | 7 | station short name | char | station short name; coded as specified in chapter STATIONS |

Carriage return on position 8. Linefeed on position 9.

**Example.**

```
sdm
asb
asdz
hvs
```