



**Specification for new FleetNet file structures.**

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## Documentation

### *Sign off*

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### *Version Control*

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WIP 0.7	2005-10-12	Alan Moore
WIP 0.8	2005-10-24	Alan Moore
WIP 0.9	2005-11-11	Denis Keenan
WIP 0.10	2005-12-02	Alan Moore
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### *Other Documents*

<b>Version</b>	<b>Name and location</b>	<b>Date</b>
Final	FLEETNETTABLES2006.xls	2005-12-22
Final	FNCONFIG.csv	2005-12-22
Draft WIP	FleetNet2005 - Code Manager Conventions.doc	2005-12-22

All example/layout documents to be within a single zip file named FN2006.ZIP

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## **Background & Scope**

### ***Background***

A review of the current coding structure for the FleetNet model code revealed the following findings;

- Imminent exhaustion of some Model Code elements
- Content of slots within the Code needing further splitting down
- Guidance for CAP required for day to day application
- Usage of slots within the Code required attention

Leading on from the review it was agreed that urgent action needed to be taken to resolve the issues which were found. This document covers the renewed structure.

### ***Scope***

The scope of this document is to cover the structure of the new format of the FleetNet model tables going forward.

The document does not contain any references to the current file structures.

It does not contain any references to mapping of the original codes to the new ones.

### ***User notes***

NB. All file type extensions will now carry a full date as the suffix, in the following example format: FNCODES.20040719

Two additional tables are regularly supplied to CAP subscribers with valid levels of subscription along with the tables noted in this document:

FNCARBB, which is the standard CAP cross reference table, and:

FNCARNP, which is a file carrying the vehicles current at the date of the file.

NO changes are planned to these files at present, and as such may continue to be used as appropriate to the user licensing terms.

The current FleetNet codes arrive at the user with a smaller, incremental table in the format FNCODES.J10, and FNCODES.exe which, when expanded, overwrites the smaller file with full current & historical FleetNet codes (40,000 plus records). The incremental file also shows any codes with element changes and the old code being replaced – the OLDFNCODE field below is not populated in the full file.

**IT IS NOT INTENDED TO CONTINUE WITH THIS OVERWRITING REGIME.**

The smaller file will now be named FNCODESINC, and the larger file will be provided as FNCODES.

## Tables in the new FleetNet structure

This is a list of tables which will be created under the new FleetNet file structure. This does not include any mapping tables which maybe needed to convert existing data.

***fncodes*** - The fncodes table will have 6 fields listed below

Field Name	Type	Length	Value setting / Notes
edino	vchar	6	The EDI numeric code
stat	vchar	1	Status (New, existing, etc). Lookup from FNSTAT status table
fncode	vchar	40	The actual FleetNet code (see below)
mm	vchar	2	Maintenance Marker
oldfncode	vchar	40	The old/prior or replaced FleetNet code
cofsale	vchar	2	Country of Sale. Lookup on FNCNTRY Country code table

The most important field within the fncodes table is the fncode field. One is created per vehicle. The total length of this one field will be 40 characters.

Element Name	Type	Length	Value setting / Notes
fnman	vchar	2	Lookup on fnman table
fnmod	vchar	2	Lookup on fnmod table
fnmy	vchar	2	Lookup on fnmy table.
fntrim	vchar	3	Lookup on fntrim table.
fnbody	vchar	2	Lookup on fnbody table
doors	integer	1	Number of doors
fneng	vchar	2	Lookup on fneng table
fntran	vchar	2	Lookup on fntran2 table
gears	integer	1	Number of gears
fnfuel	vchar	2	Lookup on fnfuel
fn driv	vchar	2	Lookup on fn driv table
fnsect	vchar	2	Lookup on fnsect table
fnvtyp	vchar	1	Lookup on fnvtyp table
fnmth	vchar	2	Lookup on fnmth table
power	integer	4	Power output padded to 6
fnwght	vchar	2	Lookup on fnwght table
actualcc	vchar	6	Actual CC of engine padded to 6
cofsale	vchar	2	Country of Sale. Lookup on FNCNTRY Country table

### Primary key

fncode

***fnband*** – Holds the body data

Field Name	Type	Length	Value setting / Notes
fnbandcode	varchar	2	Band code
ccbandlew	integer	4	Lower CC Marker
ccbandlehigh	integer	4	Upper CC Marker

**Primary key**

fnband

***fnbody*** – Holds the body data

Field Name	Type	Length	Value setting / Notes
fnbody	varchar	2	Body code
stat	varchar	1	Status (New, existing, etc). Lookup on status table
fnvtyp	varchar	1	Vehicle type code
bodydesc	varchar	30	Body description
bodysh	varchar	15	Body short description
roof	varchar	1	Roof Marker (1,2,3)

**Primary key**

fnbody

**Other key**

fnvtyp

***fn driv*** – Holds the drive data

Field Name	Type	Length	Value setting / Notes
fn driv	varchar	2	Drive code
stat	varchar	1	Status (New, existing, etc). Lookup on status table
whlno	integer	2	No of wheels
whllayout	varchar	10	Layout of the wheels
axleno	integer	2	No of axles
axledr	varchar	10	The drive axle
drivtype	varchar	1	Drive type
drivdesc	varchar	20	Drive description
whltypdesc	varchar	20	Wheel type description
whlsh	varchar	10	Wheel short description
drivsh	varchar	10	Drive short description

**Primary key**

fn driv

***fneng*** – Holds the engine data.

Field Name	Type	Length	Value setting / Notes
fnman	vchar	2	Manufacturer code. Lookup on fnman.
fneng	vchar	2	Engine code
stat	vchar	1	Status (New, existing, etc). Lookup on status table)
fnfuel	vchar	2	Fuel code. Lookup on fnfuel table.
band	vchar	6	Band
powtyp	vchar	1	Power Type (PSi or BHP)
actcc	vchar	6	Act CC (generic – actual cc is in fncode)
fnvtyp	vchar	1	Vehicle type code
ccsh	vchar	6	CC short description
engdesc	vchar	10	Engine description
engsh	vchar	10	Engine description shown
fiscaldesc	vchar	12	Fiscal (Euro Status)
fish	vchar	6	Fiscal short description
stpow	integer	6	Stated power
powsh	integer	6	Power short description
mm	vchar	2	Maintenance Marker Code
mmdesc	vchar	10	Maintenance Marker description
fnengdesc	vchar	25	FleetNet Engine Description

**Primary key**

fnman

fneng

fnvtyp

**Other key**

fnfuel

***fnfuel*** – Holds the fuel data.

Field Name	Type	Length	Value setting / Notes
fnfuel	vchar	2	Fuel code
stat	vchar	1	Status (New, existing, etc). Lookup on status table
fueldesc	vchar	20	Fuel description
fdel	vchar	20	Fuel delivery description
flsh	vchar	10	Short fuel description

**Primary key**

fnfuel

***fnman*** – Holds the manufacturer data.

Field Name	Type	Length	Value setting / Notes
fnman	vchar	2	Manufacturer code
stat	vchar	1	Status (New, existing, etc). Lookup on status table
mandesc	vchar	20	Manufacturer description
mansh	vchar	10	Manufacturer short description
cofsale	vchar	2	Country of sale. Lookup on Country code table (fncntry)

### Primary key

fnman

***fnmnth*** – Holds the Months and Years data.

Field Name	Type	Length	Value setting / Notes
fnmnth	vchar	2	Month/Year code
fnmo	vchar	2	Month
fnmono	vchar	4	Month no
yrsh	vchar	2	Short Year
fnyr	vchar	4	Year
mnthsh	vchar	5	Text short description (e.g. 01-03)

### Primary key

Fnmnth

***fnmod*** – Holds the model data.

Field Name	Type	Length	Value setting / Notes
fnman	vchar	2	Manufacturer code
fnmod	vchar	2	Model code
fnmodgrp	vchar	2	Model group code (moddesc)
fnvtyp	vchar	1	Vehicle type
stat	vchar	1	Status (New, existing, etc). Lookup on status table
moddesc	vchar	20	Model group description
modlong	vchar	30	Model long description
modsh	vchar	25	Model short description
showbody	vchar	1	1/0 – to allow description build to include or exclude body concatenation
fndriv	vchar	2	Driveline identifier – Lookup on FNDRIV table
modseq	integer	2	Model sequencing (order)
submodseq	integer	2	Model sequencing (order)
cofsale	vchar	2	Country of sale. Lookup on FNCNTRY Country code table



## Primary keys

Fnman, fnmod

**fnmy** – Holds the model year of introduction data.

Field Name	Type	Length	Value setting / Notes
fnman	vchar	2	Manufacturer code
fnmod	vchar	2	Model code
fnmy	vchar	2	Model year code
stat	vchar	1	Status (New, existing, etc). Lookup on status table
fnmkyr	vchar	2	Model introduced year code. Lookup on fnmnth table.
myintro	vchar	2	Version introduced year code. Lookup on fnmnth table.
mydesc	vchar	20	Model year description
mydescsh	vchar	10	Model year description short

## Primary key

fnman

fnmod

fnmy

**fnroof** – Holds the sector data.

Field Name	Type	Length	Value setting / Notes
fnsect	integer	1	FNroof code
roofdesc	vchar	20	FN roof description
roofsh	vchar	10	FN short roof description

## Primary key

fnroof

**fnsect** – Holds the sector data.

Field Name	Type	Length	Value setting / Notes
fnsect	vchar	2	Sector code
stat	vchar	1	Status (New, existing, etc). Lookup on status table
fnvtyp	vchar	1	Vehicle type
basecode	vchar	1	base sector code
sectdesc	vchar	30	Full Sector description
basegrp	vchar	25	Base sector description

## Primary key

Fnsect

***fntran*** – Holds the transmission type data

Field Name	Type	Length	Value setting / Notes
fnntyp	vchar	1	Transmission type code
ttypdesc	vchar	20	Description of transmission type
ttypsh	vchar	6	Short description of transmission type

**Primary key**

fnntyp

***fntran2*** – Holds the transmission data.

Field Name	Type	Length	Value setting / Notes
fnman	vchar	2	Manufacturer code
fntran	vchar	2	Transmission code
fngears	integer	2	Number of gears (feeds separate gears entry in main code)
stat	vchar	1	Status (New, existing, etc). Lookup on status table
fnvtyp	vchar	1	Vehicle type
fnntyp	vchar	1	Transmission type. Lookup on the transmission type table. (fntran)
trandesc	vchar	25	Transmission description
transh	vchar	15	Transmission short description

**Primary key**

Fnman, fntran, fnvtyp

**Other keys**

fnvtyp

fnntyp

***fntrim*** – Holds the trim data.

Field Name	Type	Length	Value setting / Notes
fnman	vchar	2	Manufacturer code
fntrim	vchar	3	Trim code
stat	vchar	1	Status (New, existing, etc). Lookup on status table
trimdesc	vchar	30	Trim description
subtrimdesc	vchar	29	Sub trim description
trimsh	vchar	25	Short trim description
cofsale	vchar	2	Country of sale. Lookup on Country code table (fnctry)

**Primary key**

fnman

fntrim

***fnvtyp*** – Holds the type data. (e.g. Car, LCV, Bus)

Field Name	Type	Length	Value setting / Notes
fnvtyp	vchar	1	Type code
stat	vchar	1	Status (New, existing, etc). Lookup on status table
testtype	vchar	1	Type of statutory test
firstm	vchar	2	Monthly timing of first statutory test
subseqm	vchar	2	Monthly timing of subsequent statutory tests
firstw	vchar	2	Weekly timing of first statutory test
subseqw	vchar	2	Weekly timing of subsequent statutory tests
vtypdesc	vchar	20	Type description
vtypsh	vchar	10	Type short description

**Primary key**

fnvtyp

***fnwght*** – Holds the weight data.

Field Name	Type	Length	Value setting / Notes
fnwght	vchar	2	Weight code
stat	vchar	1	Status (New, existing, etc). Lookup on status table
wghrange	vchar	20	Weight range
wghtdesc	vchar	10	Weight description

**Primary key**

fnwght

### ***Lookup tables***

The next 2 tables are tables which are used as lookups for data items which are used in the creation of the reference tables.

#### ***fncntry – Holds the country data***

Field Name	Type	Length	Value setting / Notes
centry	varchar	2	Country code
centrydesc	varchar	40	Name of country
capital	varchar	40	Capital of the country
centrysh	varchar	40	Short name for country

#### **Primary key**

centry

#### ***fnstat – Holds the statii data***

Field Name	Type	Length	Value setting / Notes
stat	varchar	1	Status code
usecurr	integer	1	
statdesc	varchar	20	Description of status
statsh	varchar	10	Short description of status

#### **Primary key**

stat