



Configuring Fleet Management in SAP R/3 Enterprise

**Kevin Morrow
SAP America**



Content

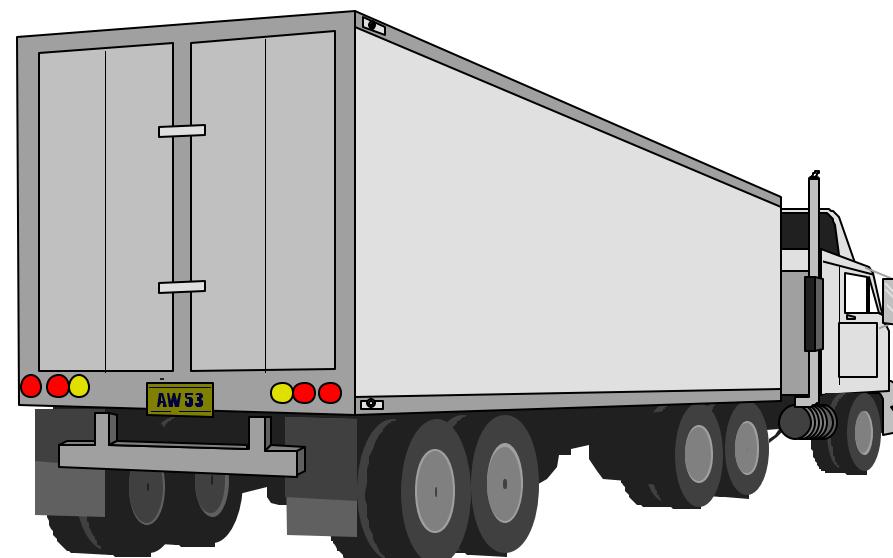
- **Overview**
- **Master data**
- **Units of measure**
- **Consumption calculation**
- **Reference object screen**
- **Fuel entry**
- **PMIS (S114)**
- **Summary**

What is fleet management

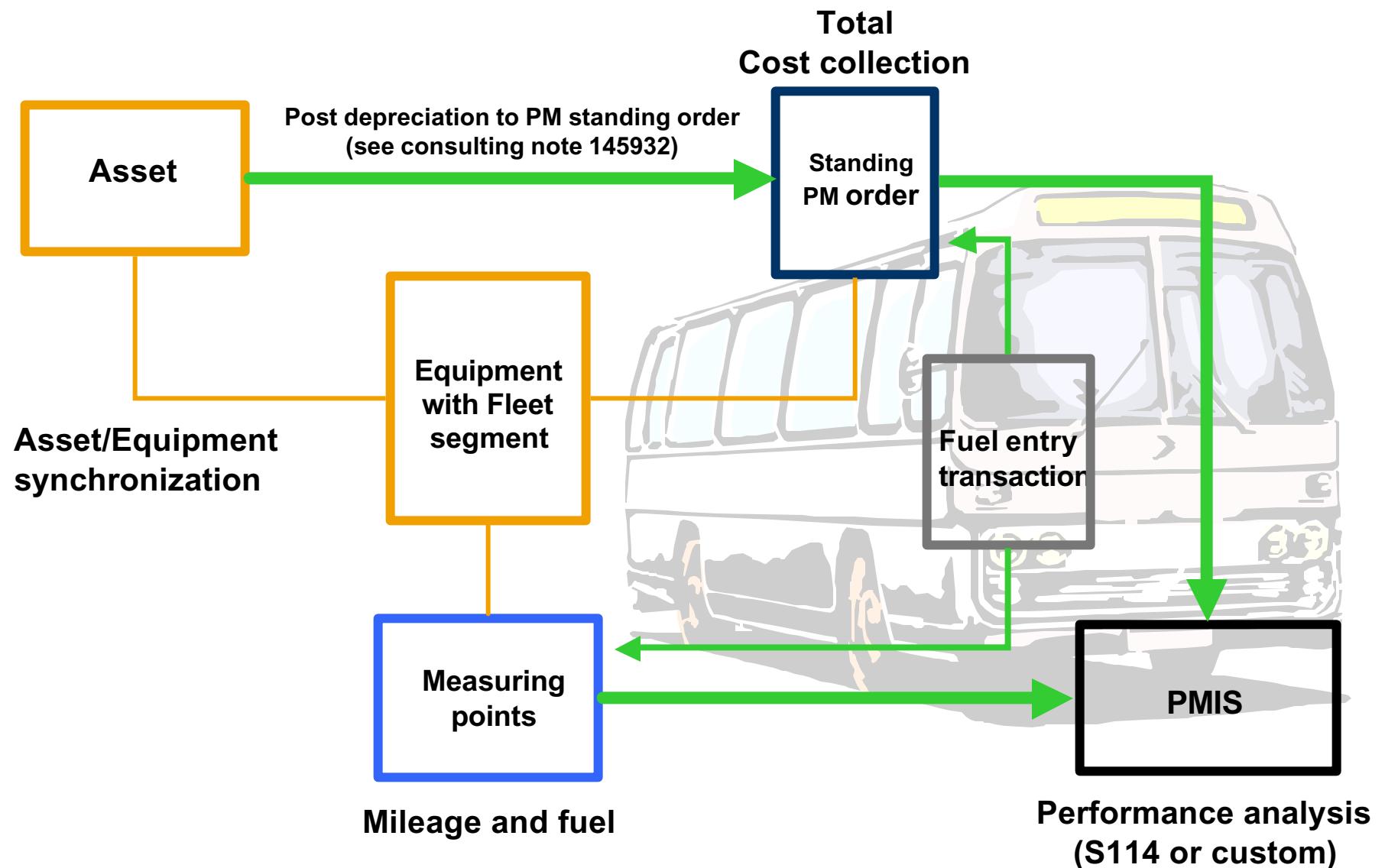
Fleet management is a solution, not a module

Contributions from several SAP modules:

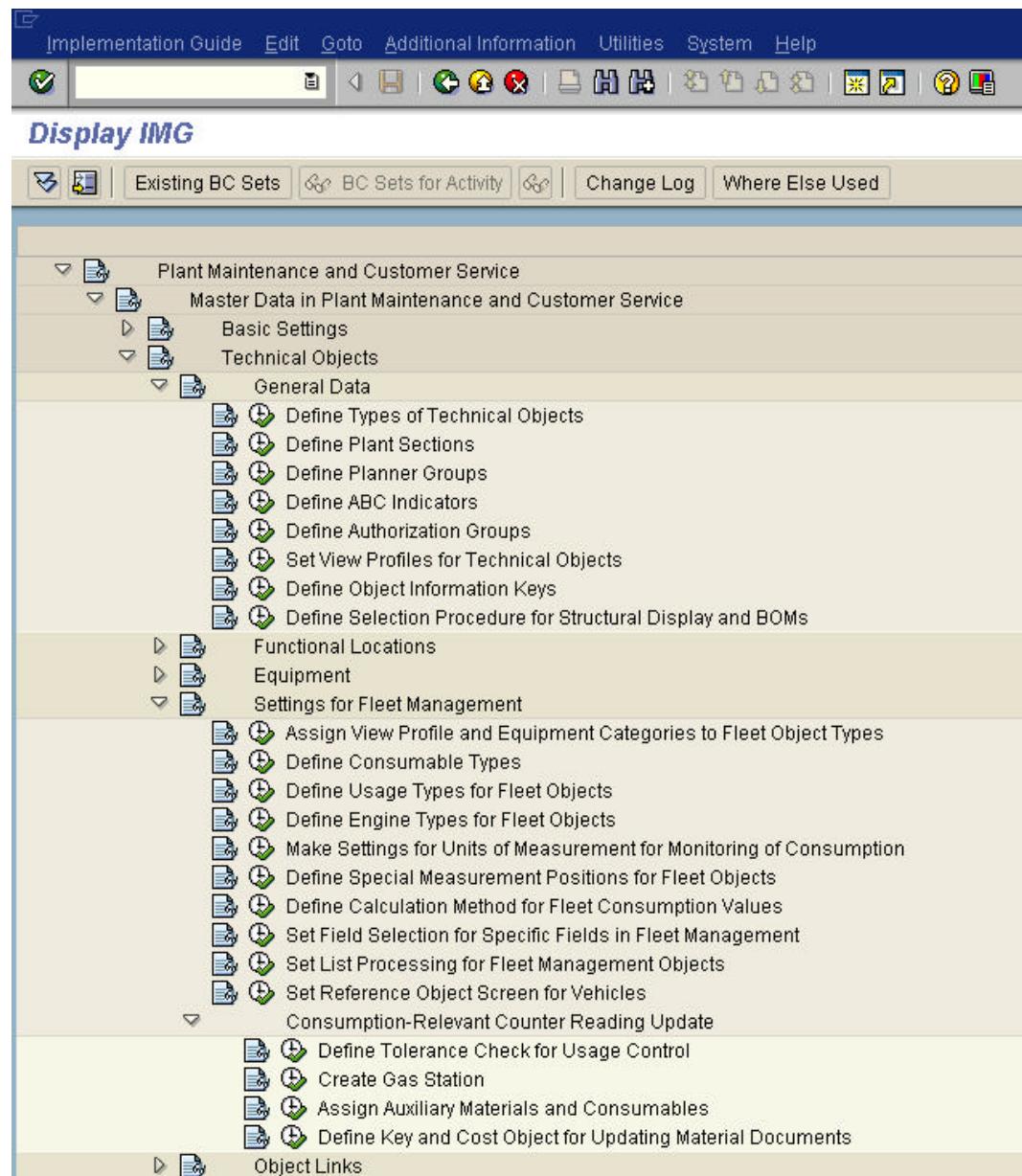
- Plant Maintenance
- Asset Accounting
- Financials
- Controlling
- Materials Management
- Human Capital Management
-



Typical fleet model

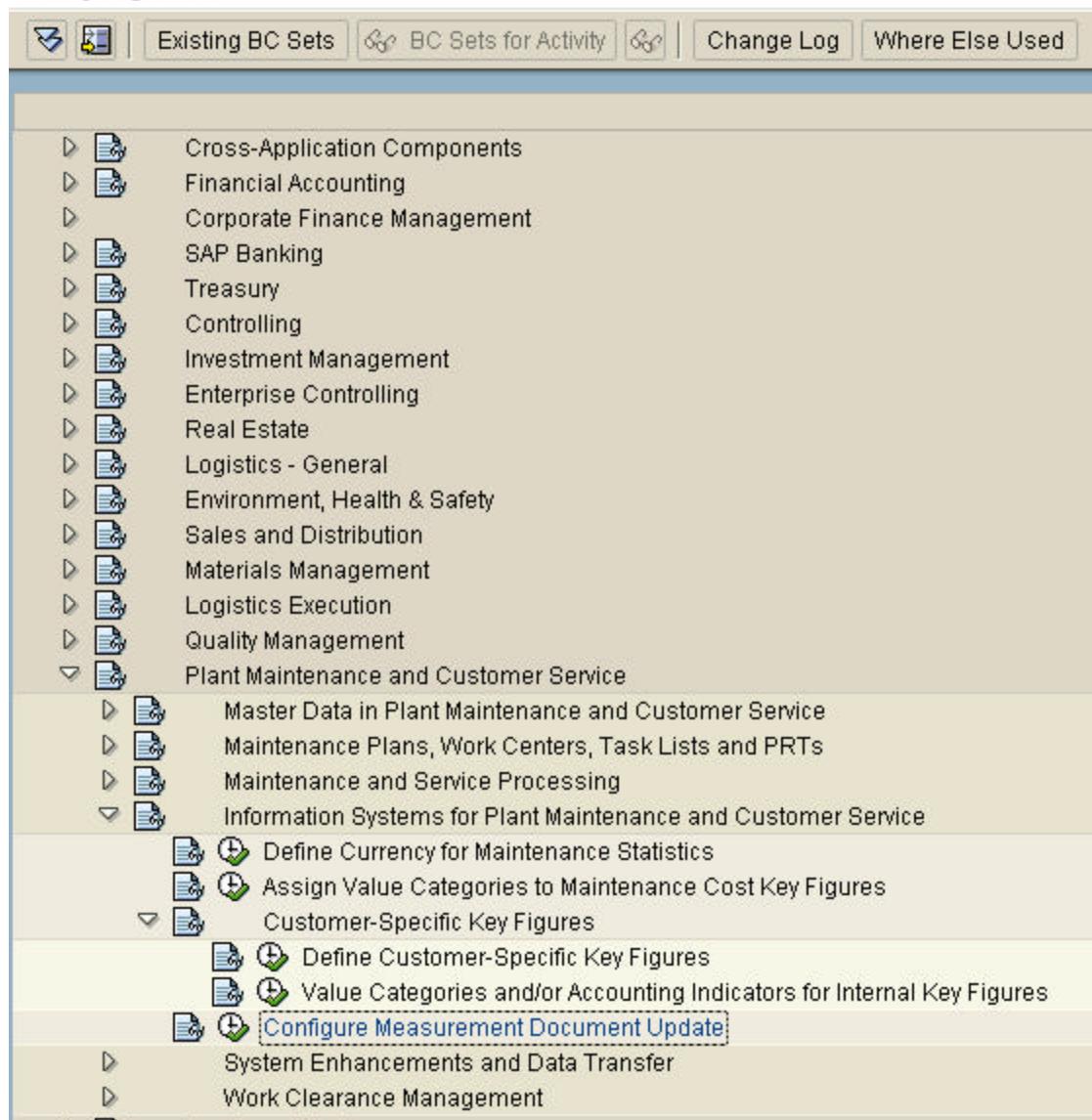


Transaction configuration



Reporting configuration

Display IMG



The screenshot shows the SAP Display IMG configuration interface. The main window displays a tree structure of configuration options. The root node is 'Plant Maintenance and Customer Service', which is expanded to show several sub-options. The 'Configure Measurement Document Update' option is highlighted with a blue border, indicating it is the current selection. The interface includes a toolbar at the top with various icons and buttons, and a menu bar with options like 'Existing BC Sets', 'BC Sets for Activity', 'Change Log', and 'Where Else Used'.

- ▷  Cross-Application Components
- ▷  Financial Accounting
- ▷  Corporate Finance Management
- ▷  SAP Banking
- ▷  Treasury
- ▷  Controlling
- ▷  Investment Management
- ▷  Enterprise Controlling
- ▷  Real Estate
- ▷  Logistics - General
- ▷  Environment, Health & Safety
- ▷  Sales and Distribution
- ▷  Materials Management
- ▷  Logistics Execution
- ▷  Quality Management
- ▷  Plant Maintenance and Customer Service
 - ▷  Master Data in Plant Maintenance and Customer Service
 - ▷  Maintenance Plans, Work Centers, Task Lists and PRTs
 - ▷  Maintenance and Service Processing
 - ▷  Information Systems for Plant Maintenance and Customer Service
 -   Define Currency for Maintenance Statistics
 -   Assign Value Categories to Maintenance Cost Key Figures
 - ▷  Customer-Specific Key Figures
 -   Define Customer-Specific Key Figures
 -   Value Categories and/or Accounting Indicators for Internal Key Figures
 -   Configure Measurement Document Update
 - ▷  System Enhancements and Data Transfer
 - ▷  Work Clearance Management

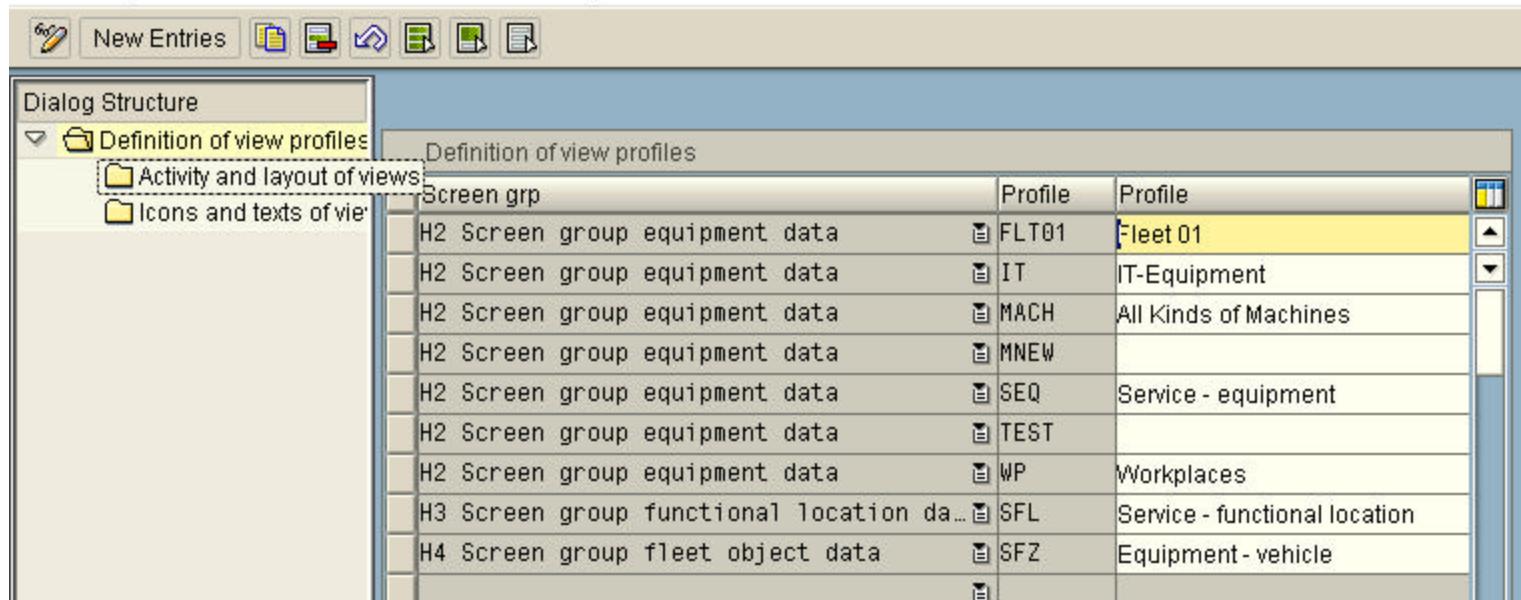


Content

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View profiles

Change View "Definition of view profiles": Overview



The screenshot shows the SAP R/3 interface for defining view profiles. The title bar reads "Change View 'Definition of view profiles': Overview". The toolbar has icons for New Entries, Copy, Paste, and others. The left sidebar shows "Dialog Structure" with "Definition of view profiles" expanded, revealing "Activity and layout of views" and "Icons and texts of view". The main area is a table titled "Definition of view profiles" with the following data:

Screen grp	Profile	Profile
H2 Screen group equipment data	FLT01	Fleet 01
H2 Screen group equipment data	IT	IT-Equipment
H2 Screen group equipment data	MACH	All Kinds of Machines
H2 Screen group equipment data	MNEW	
H2 Screen group equipment data	SEQ	Service - equipment
H2 Screen group equipment data	TEST	
H2 Screen group equipment data	WP	Workplaces
H3 Screen group functional location da...	SFL	Service - functional location
H4 Screen group fleet object data	SFZ	Equipment - vehicle

Fleet are simply equipment with a fleet profile allocated to the equipment category.

Fleet view profile

Change View "Activity and layout of views": Overview

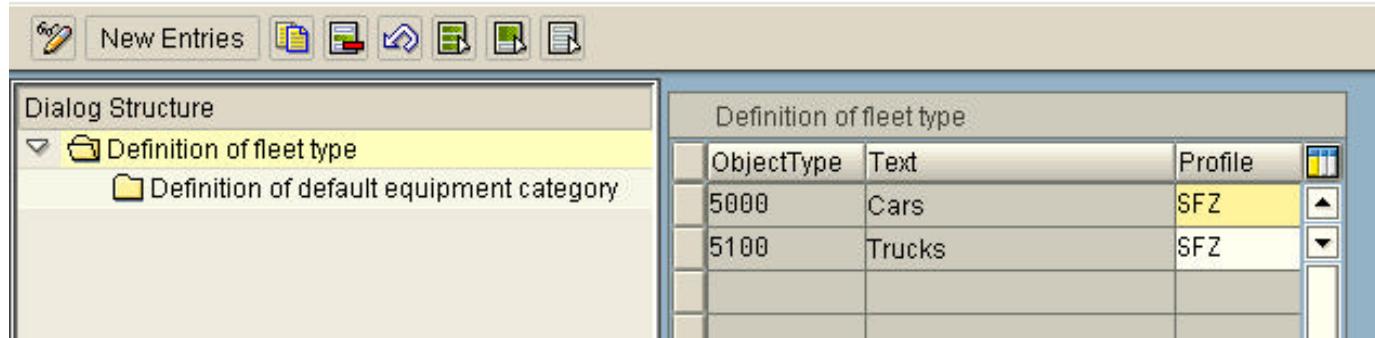
The screenshot shows the SAP Change View dialog for 'Activity and layout of views'. The top bar has icons for New Entries, Save, Undo, Redo, and Print. The left sidebar shows 'Dialog Structure' with 'Definition of view profiles' expanded, showing 'Activity and layout of views' and 'Icons and texts of views'. The main area has fields for 'Screen group' (H4 Screen group fleet object data), 'View profile' (SFZ), and 'Profile desc.' (Equipment - vehicle). Below is a table titled 'Activity and layout of views' with columns: Order, Description, Tab active, and several sub-cells for screen numbers (200, 205, 210, 215, 220, 225, 230).

Or...	Descriptn	Tab active	S...	S...	S...	S...
130	Vehicle ID/Measmnts	<input checked="" type="checkbox"/>	200	205	210	215
140	Vehicle Technology	<input checked="" type="checkbox"/>	220	225	230	

The screen group for fleet makes the fleet sub-screens available for configuration.

Categories and Object types

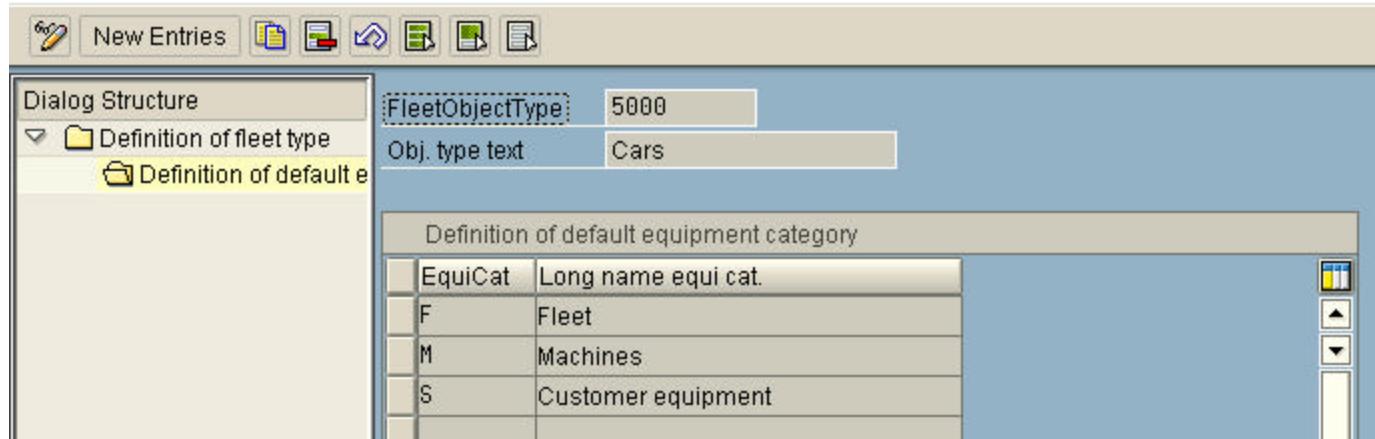
Change View "Definition of fleet type": Overview



ObjectType	Text	Profile
5000	Cars	SFZ
5100	Trucks	SFZ

View profile allocation per fleet object type.

Change View "Definition of default equipment category": Overview

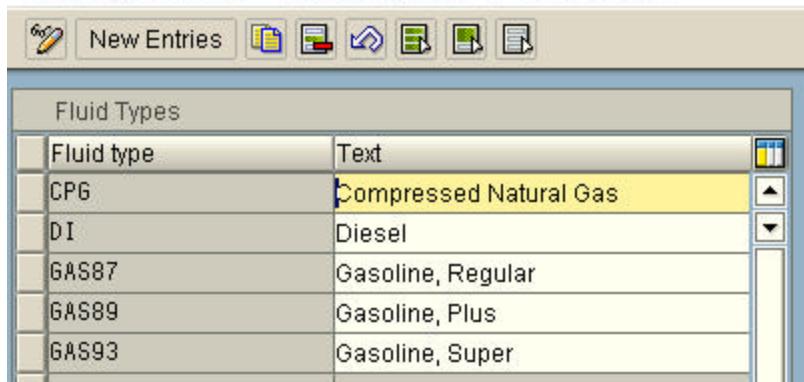


EquiCat	Long name equi cat.
F	Fleet
M	Machines
S	Customer equipment

Default equipment categories can be defined for fleet Object types.

Fleet user defined attributes

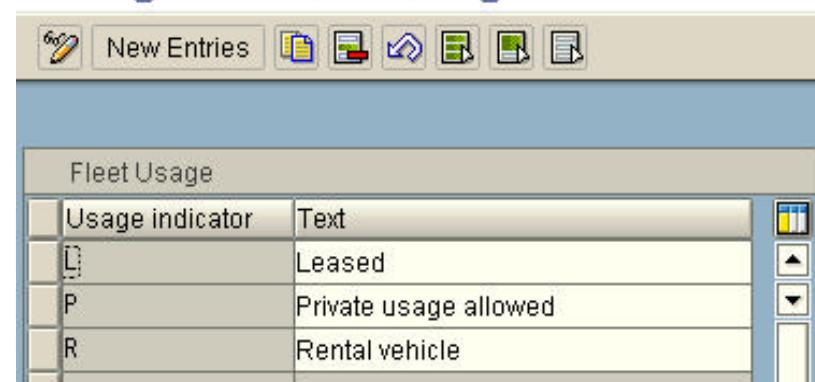
Change View "Fluid Types": Overview



The screenshot shows a SAP R/3 interface titled 'Change View "Fluid Types": Overview'. The top bar has standard SAP icons and a 'New Entries' button. The main area is a table titled 'Fluid Types' with two columns: 'Fluid type' and 'Text'. The entries are: CPG (Compressed Natural Gas), DI (Diesel), GAS87 (Gasoline, Regular), GAS89 (Gasoline, Plus), and GAS93 (Gasoline, Super). The entry 'CPG' is highlighted in yellow.

Fluid type	Text
CPG	Compressed Natural Gas
DI	Diesel
GAS87	Gasoline, Regular
GAS89	Gasoline, Plus
GAS93	Gasoline, Super

Change View "Fleet Usage": Overview



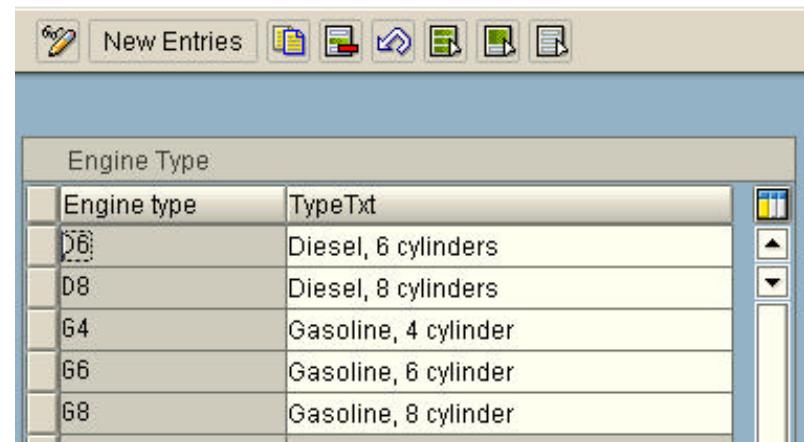
The screenshot shows a SAP R/3 interface titled 'Change View "Fleet Usage": Overview'. The top bar has standard SAP icons and a 'New Entries' button. The main area is a table titled 'Fleet Usage' with two columns: 'Usage indicator' and 'Text'. The entries are: L (Leased), P (Private usage allowed), and R (Rental vehicle).

Usage indicator	Text
L	Leased
P	Private usage allowed
R	Rental vehicle

Fluid types are used to default materials in the fuel entry transaction.

Engine Type and Fleet Usage are used to group fleet objects.

Change View "Engine Type": Overview



The screenshot shows a SAP R/3 interface titled 'Change View "Engine Type": Overview'. The top bar has standard SAP icons and a 'New Entries' button. The main area is a table titled 'Engine Type' with two columns: 'Engine type' and 'TypeTxt'. The entries are: D6 (Diesel, 6 cylinders), D8 (Diesel, 8 cylinders), G4 (Gasoline, 4 cylinder), G6 (Gasoline, 6 cylinder), and G8 (Gasoline, 8 cylinder). The entry 'G6' is highlighted in yellow.

Engine type	TypeTxt
D6	Diesel, 6 cylinders
D8	Diesel, 8 cylinders
G4	Gasoline, 4 cylinder
G6	Gasoline, 6 cylinder
G8	Gasoline, 8 cylinder

There are user exits specifically for the FLEET segment of the equipment record.

- ITOB0003 - PM: Customer Include subscreen for fleet object data
- ITOB0004 - PM: Customer Exit fleet identification data: Checks

The FLEET table has an include CI_FLEET for extending the FLEET master data.

These fields are available in the fleet list displays



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Units of measure

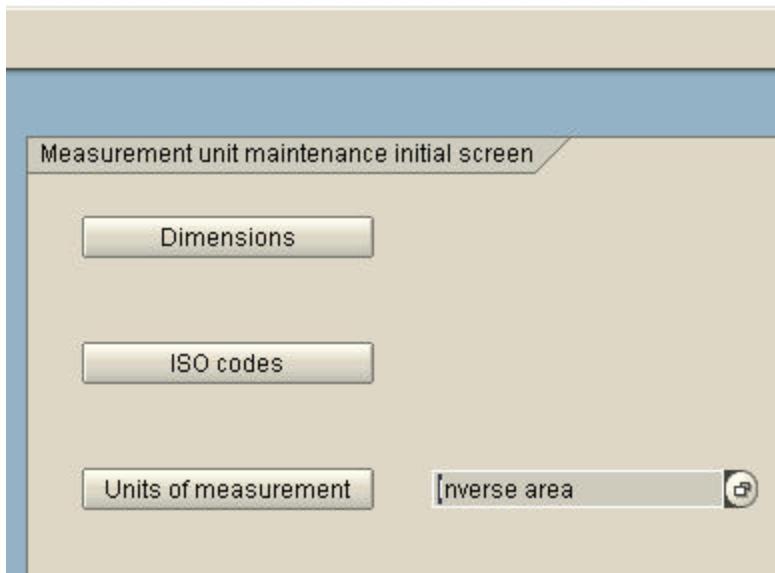
The units of measure are key to the correct calculation of consumption.

All uom's are defined as a derivation of the SI unit for the dimension concerned e.g. length is meter but can have kilometer or mile unit.

Measurement documents are stored in the unit of the dimension SI unit. This makes it exceptionally easy to work with units of measure.

Consumption (Inverse Area)

Units of Measurement: Initial Screen



Change Units of Measurement of Dimension Inverse area: Overview

Unit	Commercial	Technical	Meas. unit text	
KML	KML	km/l	km/l	
M2I	M-2	1/M2	1/M2	
MPG	MPG	MPG US	Mi/Gal(US)	

Key units (Inverse Area)

Change Units of Measurement of Dimension Inverse area: Details

Int. meas. unit	MPG
Display	
Commercial	MPG
Technical	MPG ...
Decimal places	
float. point exp.	
Conversion	
Numerator	201,168
Denominator	473,168
Exponent	6
Additive constant	
Decimal pl. rounding	3
Unit of meas.family	

Measurement unit text
Miles per gallon (US)
Mi/Gal(US)

ALE/EDI
ISO code
 Primary code

Application parameters
 Commercial meas.unit
 Value-based commt

Change Units of Measurement of Dimension Inverse area: Detail

Int. meas. unit	KML
Display	
Commercial	KML
Technical	km/l
Decimal places	
float. point exp.	
Conversion	
Numerator	1
Denominator	1
Exponent	6
Additive constant	
Decimal pl. rounding	2
Unit of meas.family	

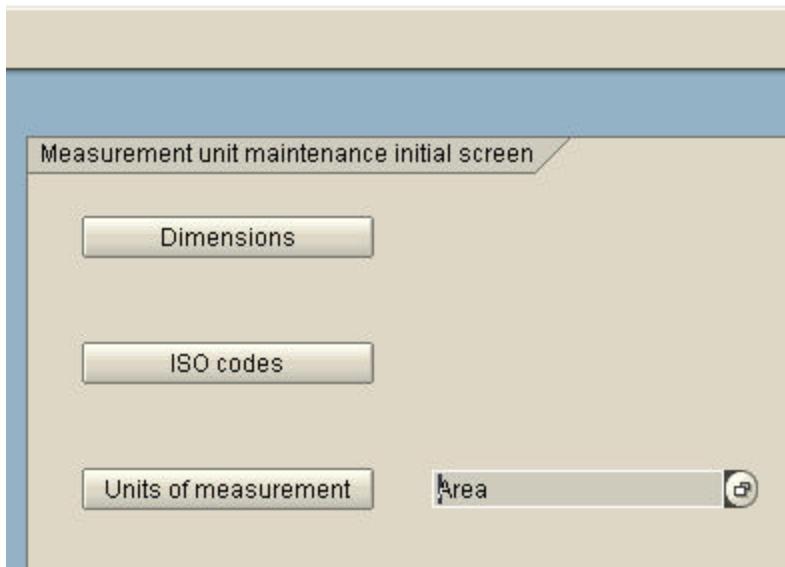
Measurement unit text
Kilometer per Liter
km/l

ALE/EDI
ISO code
 Primary code

Application parameters
 Commercial meas.unit
 Value-based commt

Consumption (Area)

Units of Measurement: Initial Screen



Change Units of Measurement of Dimension Area: Overview

Unit	Commercial	Technical	Meas. unit text	
CM2	CM2	cm2	cm2	
FT2	FT2	ft2	Square ft	
GLM	GPM	GPM US	Gal/Mi(US)	
LHK	LHK	l/hkm	l/100 km	
M2	M2	m2	m2	SI unit

Key units (Area)

Change Units of Measurement of Dimension Area: Details

Int. meas. unit GLM

Display

Commercial **GPM**

Technical GPM ...

Decimal places

float. point exp.

Measurement unit text

Gallons per mile (US)

Gal/Mi(US)

Conversion

Numerator 473,168

Denominator 201,168

Exponent 6-

Additive constant

Decimal pl. rounding 3

Unit of meas.family

ALE/EDI

ISO code

Primary code

Application parameters

Commercial meas.unit

Value-based commt

Change Units of Measurement of Dimension Area: Details

Int. meas. unit LHK

Display

Commercial **LHK**

Technical l/hkm

Decimal places

float. point exp.

Measurement unit text

Liter per 100 km

l/100 km

Conversion

Numerator 1

Denominator 1

Exponent 8-

Additive constant

Decimal pl. rounding 3

Unit of meas.family

ALE/EDI

ISO code

Primary code

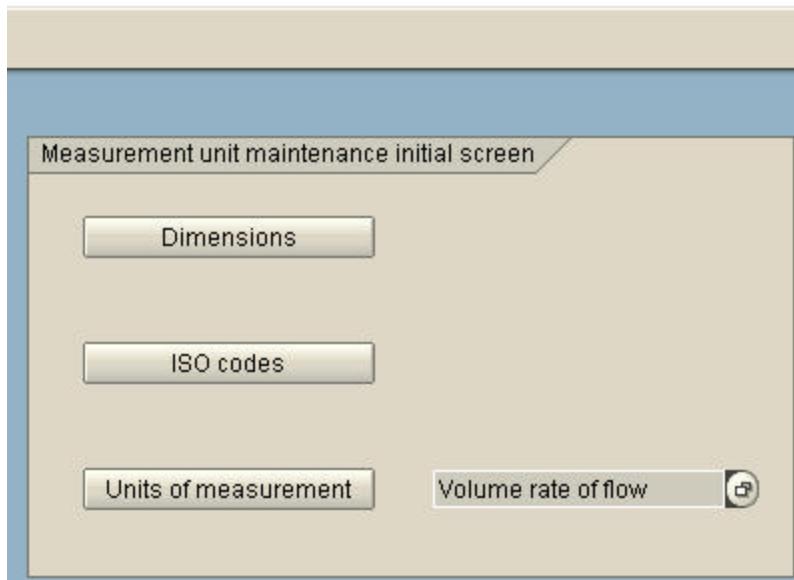
Application parameters

Commercial meas.unit

Value-based commt

Volume rate of flow

Units of Measurement: Initial Screen



Change Units of Measurement of Dimension Volume rate of flow: Overvi

Unit	Commercial	Technical	Meas. unit text	
GPH	GPH	GPH US	Gal/hr US	
LH	L/H	l/h	Liter / h	
M3S	M3S	m3/s	m3/s	SI unit

Key units (Volume flow)

Change Units of Measurement of Dimension Volume rate of flow: Detail

Int. meas. unit **GPH**

Display
Commercial **GPH**
Technical **GPH ...**
Decimal places
float. point exp.

Measurement unit text
Gallons per hour (US)
Gal/hr US

Conversion
Numerator **3,785,344**
Denominator **3,600**
Exponent **9-**
Additive constant
Decimal pl. rounding **3**
Unit of meas.family

ALE/EDI
ISO code **L/H**
 Primary code

Change Units of Measurement of Dimension Volume rate of

Int. meas. unit **LH**

Display
Commercial **L/H**
Technical **l/h**
Decimal places
float. point exp.

Measurement unit text
Liter per hour
Liter / h

Conversion
Numerator **1**
Denominator **3,600,000**
Exponent
Additive constant
Decimal pl. rounding
Unit of meas.family

ALE/EDI
ISO code **L/H**
 Primary code

Application parameters
 Commercial meas.unit
 Value-based commt



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The simplest way to describe the consumption calculation is:

Fuel unit / Work unit

The fuel unit may be volume or mass

The work unit may be distance or time.

Note: All units are based on SI and converted as required. If the unit of measure has the inverse dimension the system will take that into account in standard calculations. PMIS calculated key figures will need to be correctly defined.

See SAP support note 563832 for detailed explanation as to how the consumption calculation works.

Valid consumption units (Distance)

Change View "Definition of consumption unit group": Overview

SI unit cnsmptn	Text unit group
M2	VOLUME CONSUMPTION / DISTANCE
M3S	VOLUME CONSUMPTION/TIME

Define SI unit for dimension of calculation.

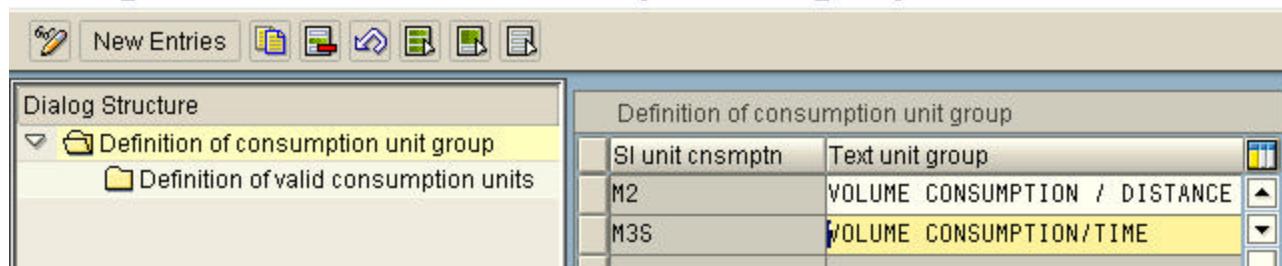
Define units for calculation.
Must have the same dimension as the SI unit.

Change View "Definition of valid consumption units": Overview

Display unit	Unit text
LHK	l/100 km
MPG	Mi/Gal(US)

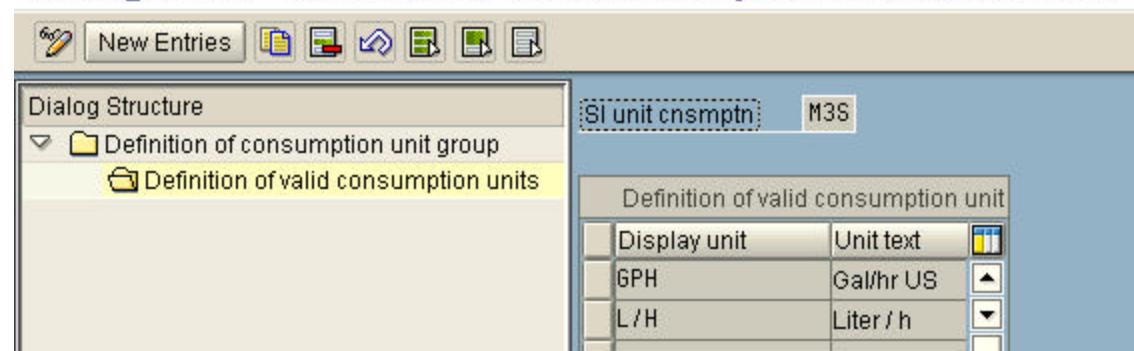
Valid consumption units (Time)

Change View "Definition of consumption unit group": Overview



SI unit cnsmptn	Text unit group
M2	VOLUME CONSUMPTION / DISTANCE
M3S	VOLUME CONSUMPTION/TIME

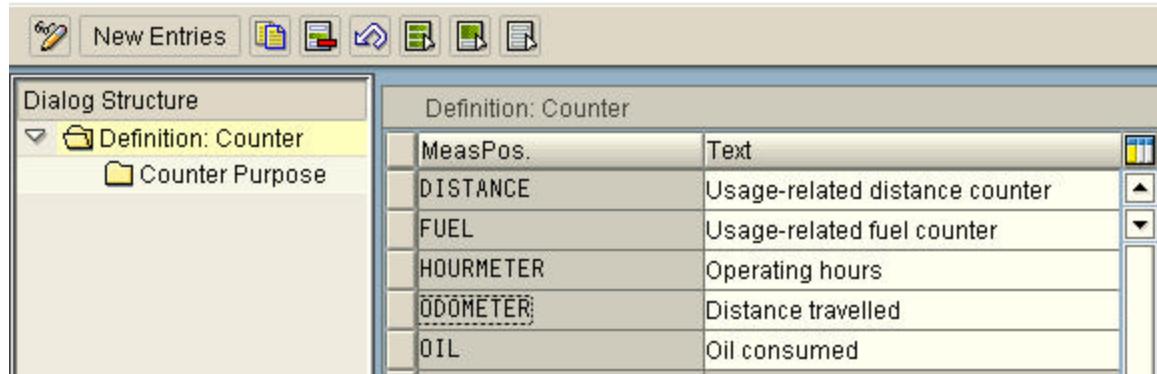
Change View "Definition of valid consumption units": Overview



Display unit	Unit text
GPH	Gal/hr US
L/H	Liter / h

Counter definition

Change View "Definition: Counter": Overview



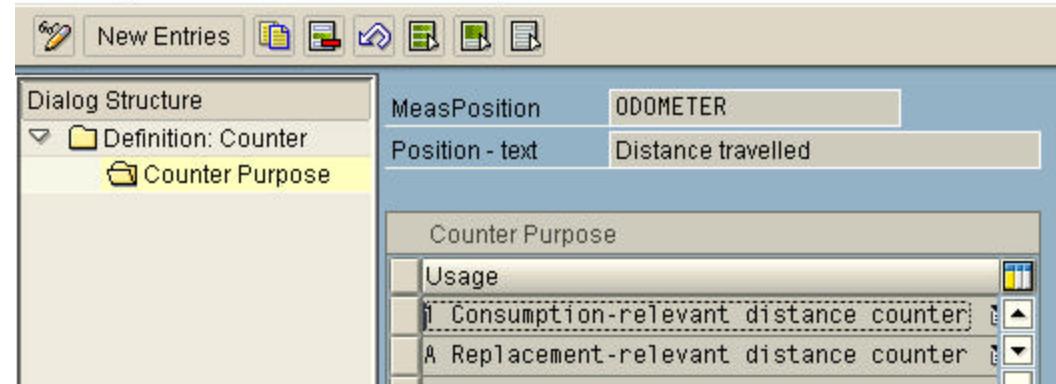
The screenshot shows the SAP R/3 interface for defining counters. The title bar says 'Change View "Definition: Counter": Overview'. The left sidebar shows a 'Dialog Structure' with 'Definition: Counter' expanded, and 'Counter Purpose' is selected. The main area is a table titled 'Definition: Counter' with the following data:

MeasPos.	Text
DISTANCE	Usage-related distance counter
FUEL	Usage-related fuel counter
HOURMETER	Operating hours
ODOMETER	Distance travelled
OIL	Oil consumed

Measuring point positions are used to determine measuring point usage. (field PSORT)

Each measuring point position is assigned one or more purposes that control how the position is utilized.

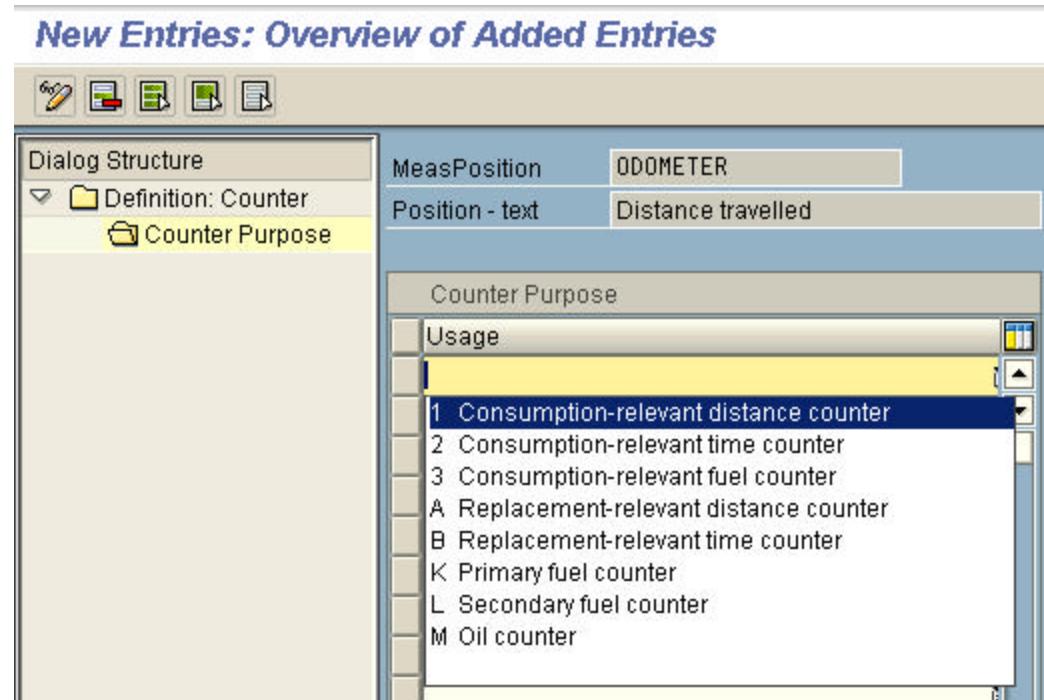
Change View "Counter Purpose": Overview



The screenshot shows the SAP R/3 interface for defining counter purposes. The title bar says 'Change View "Counter Purpose": Overview'. The left sidebar shows a 'Dialog Structure' with 'Definition: Counter' expanded, and 'Counter Purpose' is selected. The main area is a table titled 'Counter Purpose' with the following data:

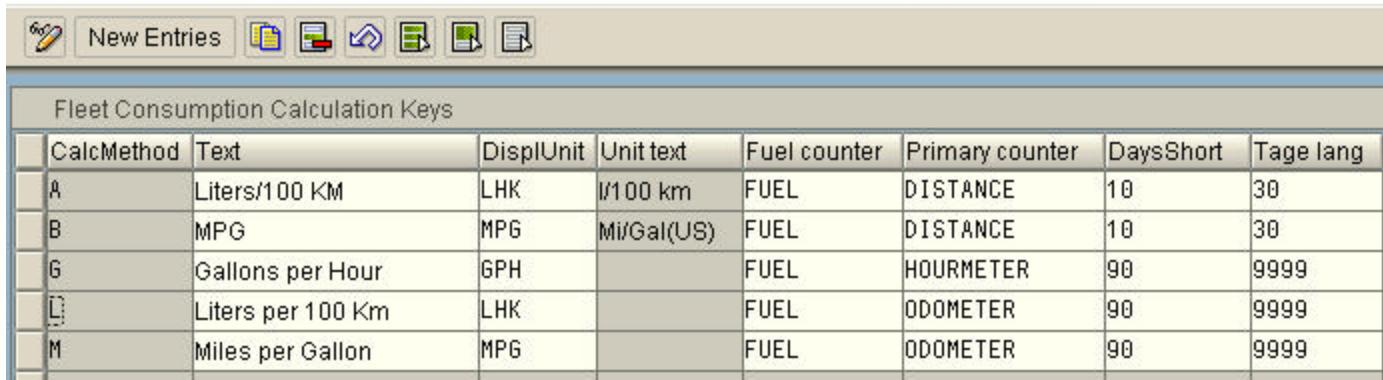
Usage
1 Consumption-relevant distance counter
A Replacement-relevant distance counter

Valid counter purposes.



Consumption calculation key

Change View "Fleet Consumption Calculation Keys": Overview



The screenshot shows a SAP Fiori application interface for managing fleet consumption calculation keys. The title bar reads "Change View 'Fleet Consumption Calculation Keys': Overview". Below the title is a toolbar with icons for "New Entries" and other navigation functions. The main area is a table titled "Fleet Consumption Calculation Keys" with the following data:

CalcMethod	Text	DisplUnit	Unit text	Fuel counter	Primary counter	DaysShort	Tage lang
A	Liters/100 KM	LHK	l/100 km	FUEL	DISTANCE	10	30
B	MPG	MPG	Mi/Gal(US)	FUEL	DISTANCE	10	30
G	Gallons per Hour	GPH		FUEL	HOURMETER	90	9999
L	Liters per 100 Km	LHK		FUEL	ODOMETER	90	9999
M	Miles per Gallon	MPG		FUEL	ODOMETER	90	9999

Specify the following:

Unit for consumption

The Fuel counter

The Primary counter

Short term average calculation

Long term average calculation

The primary counter is the counter used to measure the “effort” performed e.g. miles traveled, hours operated.

Replacement relevant counters

Replacement data		MeasrgPos.	Primary Counter
Replacemnt date	07.09.2005		
OdomRdgReplmen	50020.0	ODOMETER	20.0 MI
HourReplacement			

When replacement relevant counters are defined the current readings are displayed in the master data screen.



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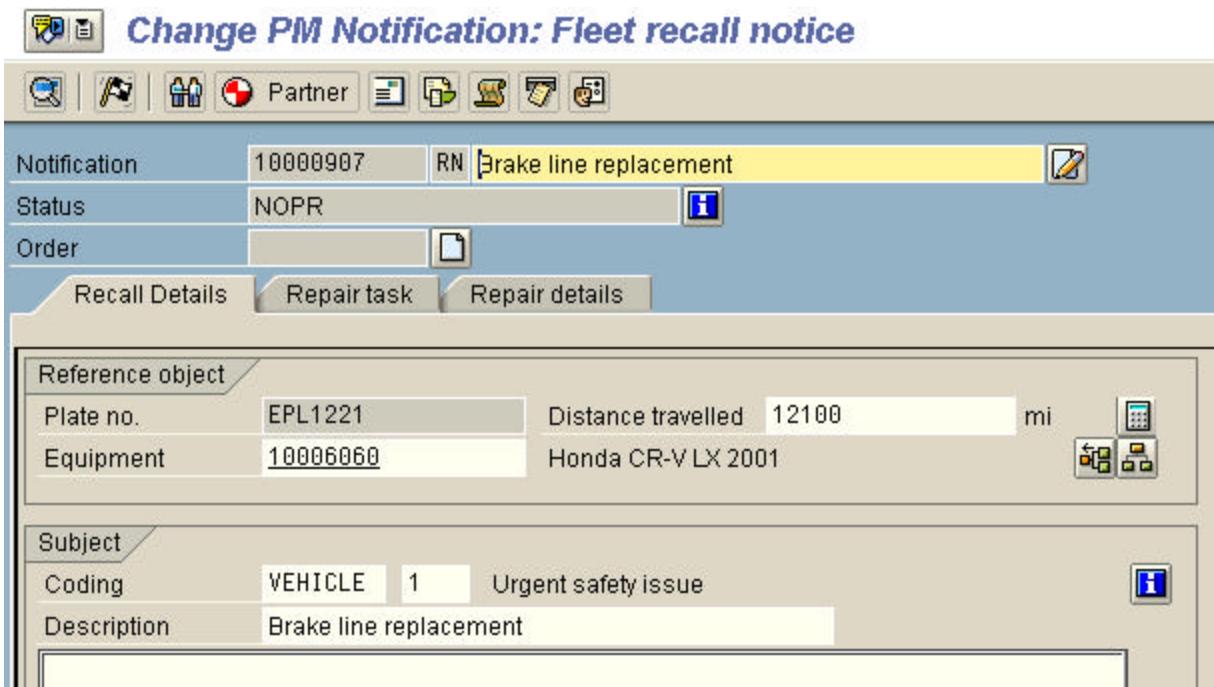
Set reference object screen for vehicle

Change View "Reference Object Screen for Vehicle": Overview



Sc...	Field Name
0150	LICENSE_NUM

**Fleet identification field
to be used as reference.**



Notification	10000907	RN	Brake line replacement
Status	NOPR		
Order	<input type="button" value=""/>		
<input type="button" value="Recall Details"/> <input type="button" value="Repair task"/> <input type="button" value="Repair details"/>			
Reference object			
Plate no.	EPL1221	Distance travelled	12100 mi
Equipment	10006060	Honda CR-V LX 2001	
Subject			
Coding	VEHICLE 1	Urgent safety issue	
Description	Brake line replacement		

**The field is only valid
for display on
reference object
screen 0150.**



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The fuel entry transaction performs the following functions:

- **Enters measurement documents for counters.**
- **Performs goods movements if required.**
- **Posts costs to assigned object (Standing order, Settlement order WBS Element, Cost center, Asset).**

Transaction is “IFCU”.

Fuel entry (Transaction IFCU)

Consumption-Relevant Counter Reading Recording

The screenshot shows the SAP Transaction IFCU (Consumption-Relevant Counter Reading Recording) interface. At the top, there are fields for Equipment (10006077), GasStation (003 New York), and MeasTime (14.09.2003 23:08:57). The CalculMethod is set to 'M Miles per Gallon'. The 'Consumption' section contains a table with rows for 'Usage-related fuel counter' and other vehicle details. The 'Meter Readings' section contains a table with rows for 'Distance travelled'. A warning message box is displayed, stating: 'Area allowed for the primary counter is 8438.7 mile to 8491.7 mile'. The SAP logo is in the bottom right corner.

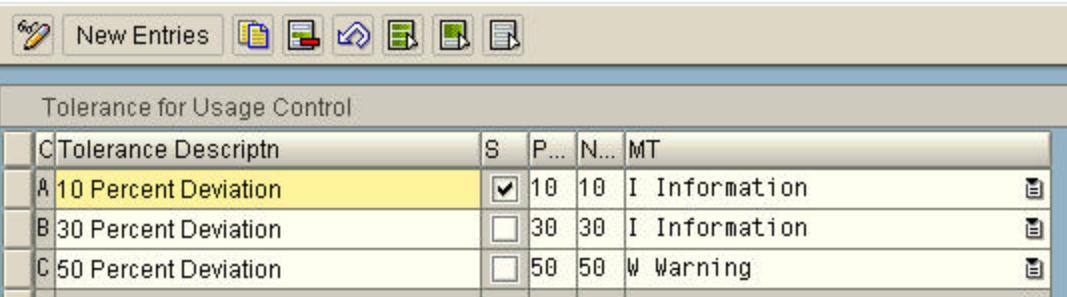
Warning or error if tolerance breached.

Transaction “IFCU” is used for individual vehicle fuel entry.

This transaction utilizes BAPI’s and can be used as an example for a user developed entry screen for mass entry.

Tolerance and Gas station

Change View "Tolerance for Usage Control": Overview



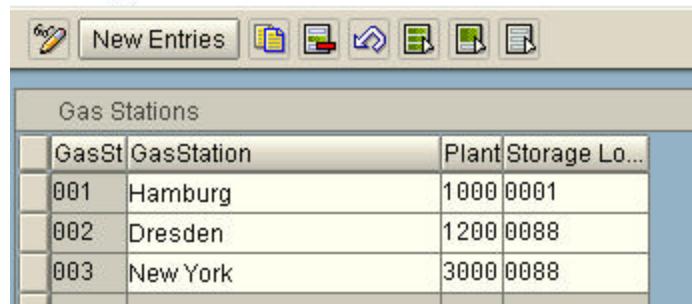
The screenshot shows a SAP R/3 interface with the title 'Change View "Tolerance for Usage Control": Overview'. The table has columns: C Tolerance Descriptn, S, P..., N..., and MT. Row A (10 Percent Deviation) is selected and highlighted in yellow. Row B (30 Percent Deviation) and Row C (50 Percent Deviation) are also listed. The 'S' column contains checkboxes, with the first one checked for row A. The 'P...' and 'N...' columns show numerical values (10, 10 for A; 30, 30 for B; 50, 50 for C). The 'MT' column shows message types: 'I Information' for A and B, and 'W Warning' for C. Each row has a small edit icon to its right.

C Tolerance Descriptn	S	P...	N...	MT
A 10 Percent Deviation	<input checked="" type="checkbox"/>	10	10	I Information
B 30 Percent Deviation	<input type="checkbox"/>	30	30	I Information
C 50 Percent Deviation	<input type="checkbox"/>	50	50	W Warning

Tolerance checks are used to determine if entered counter readings are consistent with the average reading +/- the tolerance defined.

Gas stations are defined storage locations within a plant. Materials can be defined for each consumable per gas station with a default value designated.

Change View "Gas Stations": Overview

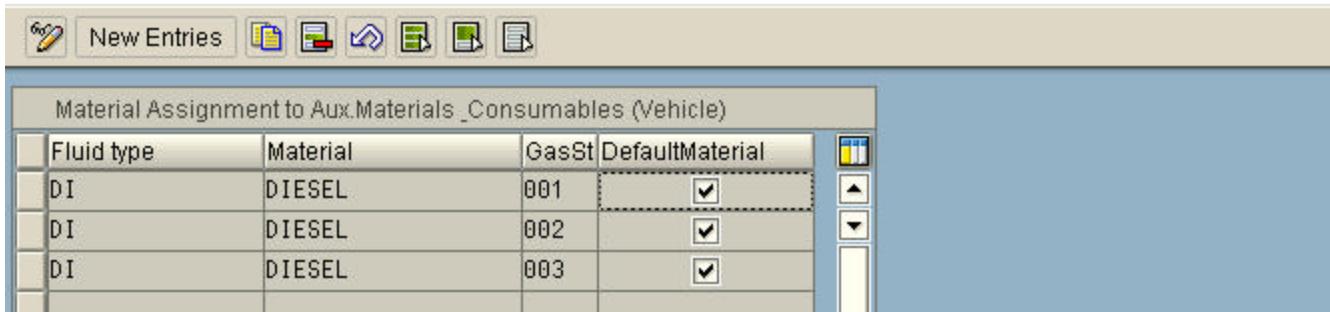


The screenshot shows a SAP R/3 interface with the title 'Change View "Gas Stations": Overview'. The table has columns: GasSt, GasStation, Plant, and Storage Lo... (partially visible). Rows 001, 002, and 003 are listed. The 'GasSt' column shows values 001, 002, and 003. The 'GasStation' column shows values Hamburg, Dresden, and New York. The 'Plant' column shows values 1000, 1200, and 3000. The 'Storage Lo...' column shows values 0001, 0088, and 0088. Each row has a small edit icon to its right.

GasSt	GasStation	Plant	Storage Lo...
001	Hamburg	1000	0001
002	Dresden	1200	0088
003	New York	3000	0088

Fuel entry parameters

Change View "Material Assignment to Aux.Materials & Consumables (Veh)



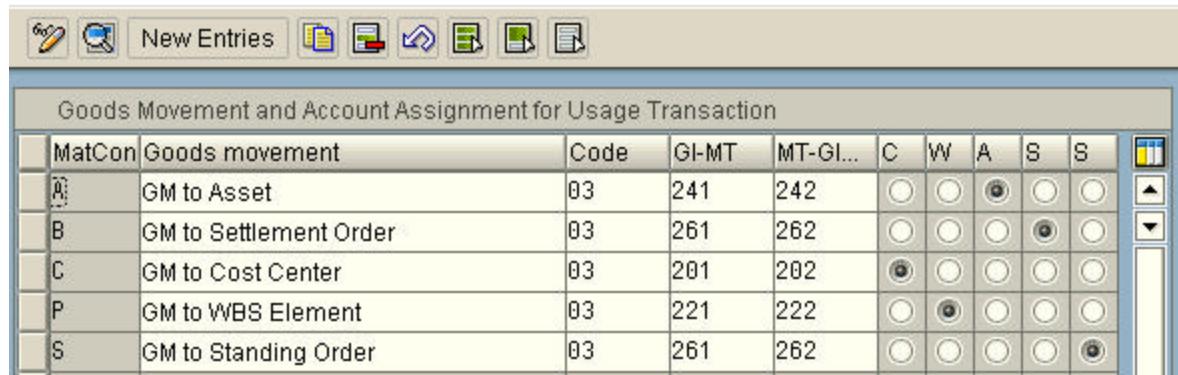
The screenshot shows a SAP R/3 interface titled 'Change View "Material Assignment to Aux.Materials & Consumables (Veh)". The table lists material assignments for vehicle fuel. The columns are Fluid type, Material, GasSt, and DefaultMaterial. Three rows are shown, all with the 'DefaultMaterial' checkbox checked.

Fluid type	Material	GasSt	DefaultMaterial
DI	DIESEL	001	<input checked="" type="checkbox"/>
DI	DIESEL	002	<input checked="" type="checkbox"/>
DI	DIESEL	003	<input checked="" type="checkbox"/>

Default materials for fluid types.

Default cost posting for fuel issue.

Change View "Goods Movement and Account Assignment for Usage Transaction"



The screenshot shows a SAP R/3 interface titled 'Change View "Goods Movement and Account Assignment for Usage Transaction"'. The table lists goods movement and account assignment for fuel issues. The columns are MatCon, Goods movement, Code, GI-MT, MT-GI..., and several account assignment columns (C, W, A, S, S). Five rows are shown, with the 'A' row having the 'GI-MT' and 'MT-GI...' columns filled.

MatCon	Goods movement	Code	GI-MT	MT-GI...	C	W	A	S	S
A	GM to Asset	03	241	242	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	GM to Settlement Order	03	261	262	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	GM to Cost Center	03	201	202	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
P	GM to WBS Element	03	221	222	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
S	GM to Standing Order	03	261	262	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Where to set the defaults

Fuel and lubricants			
Primary fuel	GAS87	Gasoline, Regul	FUEL
Secondary fuel			
Oil type			
Mat.Consumption	S	GM to Standing Order	Consumpt.Toler. <input checked="" type="radio"/> 0 Percent Deviat...
CalculMethod	M	Miles per Gallon	

The fuel and lubricants sub-screen (230) is used to set the default values for entry.

If it is missing check your fleet view profile.



Content

- **Overview**
- **Master data**
- **Units of measure**
- **Consumption calculation**
- **Reference object screen**
- **Fuel entry**
- **PMIS (S114)**
- **Summary**

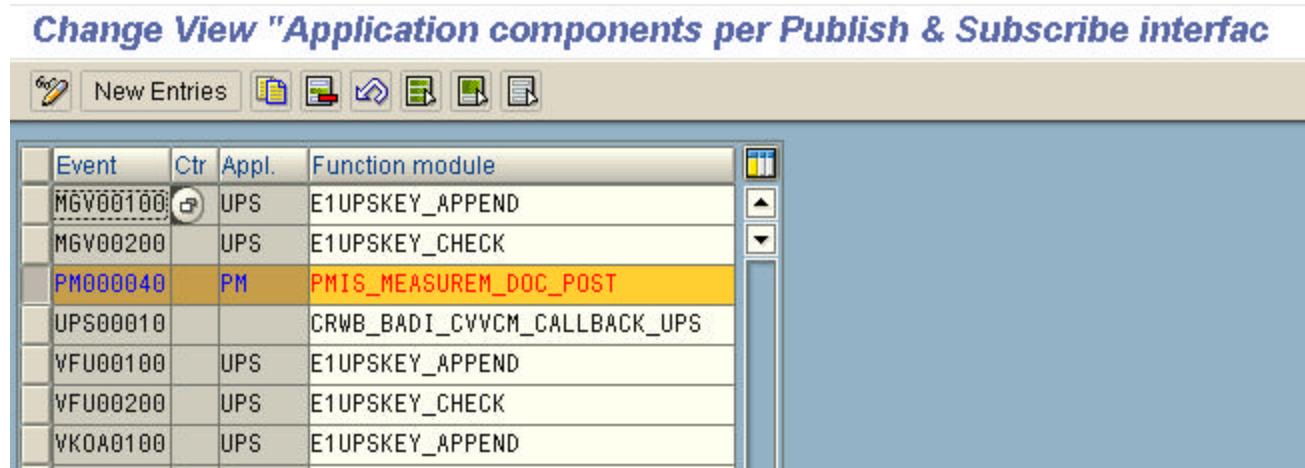
PMIS counter update

Uses Business Transaction Event (BTE) interface to update communication structure.

Transaction FIBF

Need to create initialization reading to ensure accuracy.

Change View "Application components per Publish & Subscribe interface"

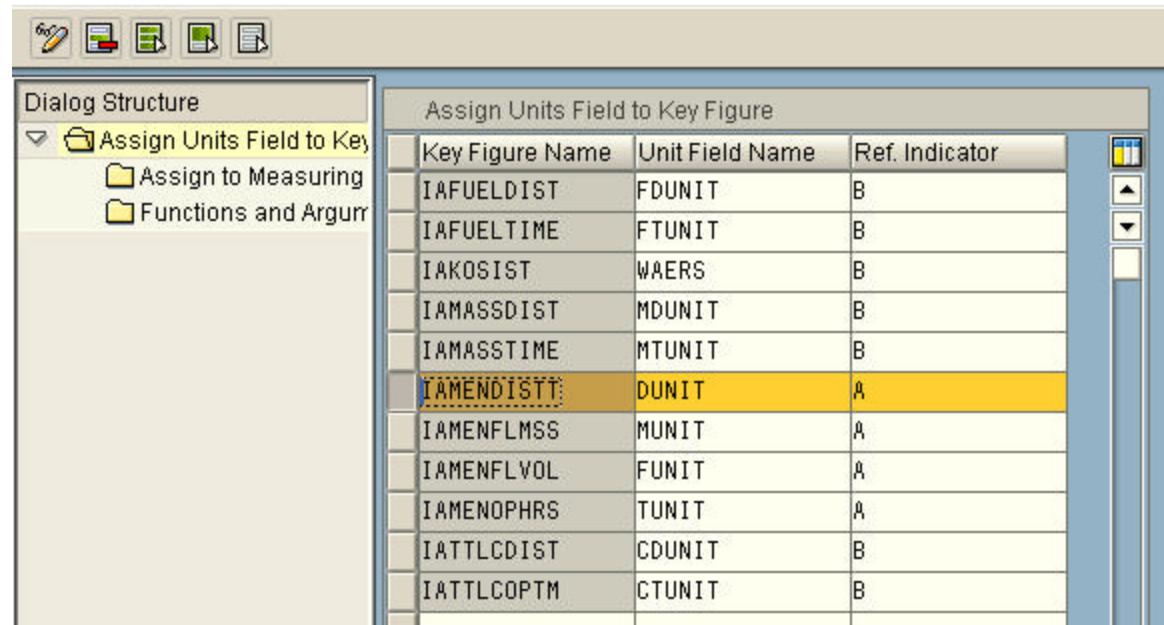


Event	Ctr	Appl.	Function module
MGV00100	UPS		E1UPSKEY_APPEND
MGV00200		UPS	E1UPSKEY_CHECK
PM000040	PM		PMIS_MEASUREM_DOC_POST
UPS00010			CRWB_BADI_CVVCM_CALLBACK_UPS
VFU00100		UPS	E1UPSKEY_APPEND
VFU00200		UPS	E1UPSKEY_CHECK
VKOA0100		UPS	E1UPSKEY_APPEND

Key figure definition

- A: Key Figure is updated
- B: Key figure is calculated

New Entries: Overview of Added Entries



The screenshot shows a SAP R/3 dialog box titled "New Entries: Overview of Added Entries". The left pane, "Dialog Structure", shows a tree view with the root "Assign Units Field to Key" expanded, revealing "Assign to Measuring" and "Functions and Argum". The right pane, "Assign Units Field to Key Figure", is a table with the following data:

Key Figure Name	Unit Field Name	Ref. Indicator
IAFUELDIST	FDUNIT	B
IAFUELTIME	FTUNIT	B
IAKOSIST	WAERS	B
IAMASSDIST	MDUNIT	B
IAMASSTIME	MTUNIT	B
IAMENDISTT	DUNIT	A
IAMENFLMSS	MUNIT	A
IAMENFLVOL	FUNIT	A
IAMENOPHRS	TUNIT	A
IATLCDIST	CDUNIT	B
IATLCOPTM	CTUNIT	B

Define key figures to be calculated

Define fields and function module

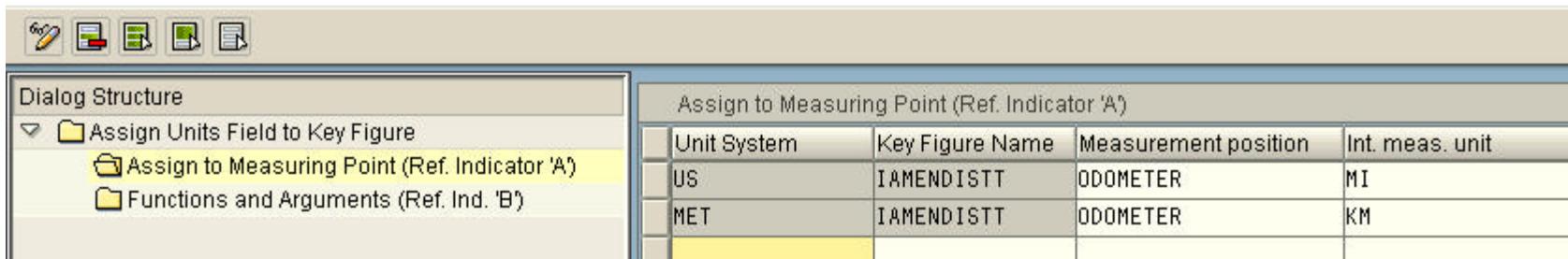
- Standard calculations supplied are metric

User defined calculations possible

- See note 662197

Key figure value determination

New Entries: Overview of Added Entries

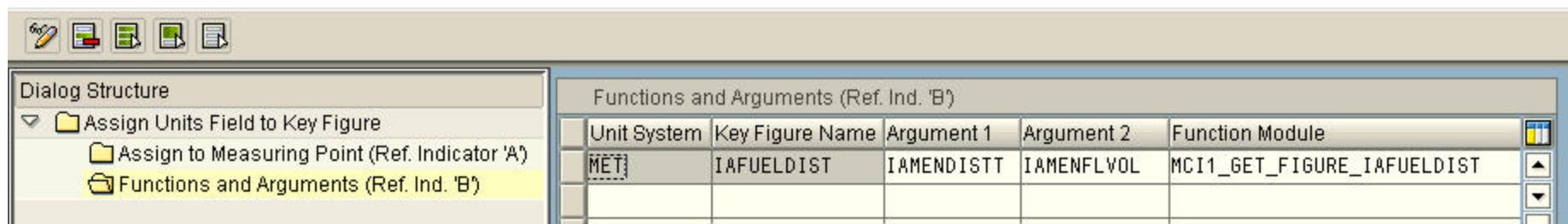


Dialog Structure

- Assign Units Field to Key Figure
 - Assign to Measuring Point (Ref. Indicator 'A')
 - Functions and Arguments (Ref. Ind. 'B')

Unit System	Key Figure Name	Measurement position	Int. meas. unit
US	IAMENDISTT	ODOMETER	MI
MET	IAMENDISTT	ODOMETER	KM

New Entries: Overview of Added Entries



Dialog Structure

- Assign Units Field to Key Figure
 - Assign to Measuring Point (Ref. Indicator 'A')
 - Functions and Arguments (Ref. Ind. 'B')

Unit System	Key Figure Name	Argument 1	Argument 2	Function Module
MET	IAFUELDIST	IAMENDISTT	IAMENFLVOL	MCI1_GET FIGURE_IAFUELDIST

**Provision for multiple units for calculation.
Useful for companies operating in different countries.**

US calculations are missing and need to be added as per note 662197.

S114 (Transaction MCIZ)

**Multiple unit systems
can be setup and
selected at time of
reporting.**

Vehicle Consumption Analysis: Selection

Icons:

Chars

Unit System	to	<input type="button" value="..."/>
Maintenance plant	to	<input type="button" value="..."/>
Equipment category	to	<input type="button" value="..."/>
Technical obj. type	to	<input type="button" value="..."/>
Planning plant	to	<input type="button" value="..."/>
Manufacturer	to	<input type="button" value="..."/>
Model number	to	<input type="button" value="..."/>
Construction year	to	<input type="button" value="..."/>
Equipment	to	<input type="button" value="..."/>

Analysis Period

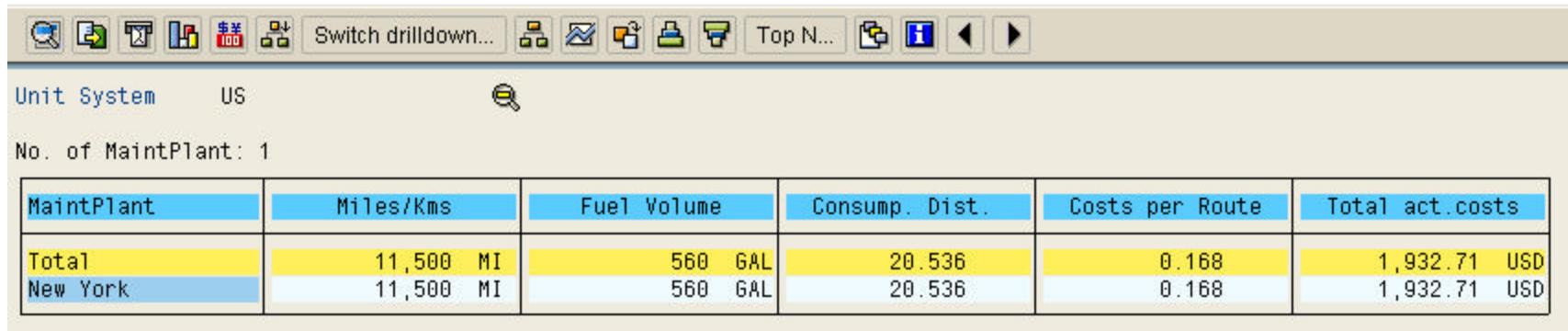
Month	07.2003	to	09.2003	<input type="button" value="..."/>
-------	---------	----	---------	------------------------------------

Parameters

Analysis Currency	<input type="button" value="..."/>
Exception	<input type="button" value="..."/>

S114 output

Vehicle Consumption Analysis: Drilldown



The screenshot shows a SAP application window titled 'Vehicle Consumption Analysis: Drilldown'. The interface includes a toolbar with various icons, a unit system selector set to 'US', and a search bar. Below this, a message indicates 'No. of MaintPlant: 1'. The main content is a table with the following data:

MaintPlant	Miles/Kms	Fuel Volume	Consump. Dist.	Costs per Route	Total act.costs
Total	11,500 MI	560 GAL	20.536	0.168	1,932.71 USD
New York	11,500 MI	560 GAL	20.536	0.168	1,932.71 USD

Calculations are performed at line level.

Calculated value totals are also calculated rather than summed as in standard columns.



Content

- **Overview**
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- **Reference object screen**
- **Fuel entry**
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- **Summary**

- **Ensure your units of measure are correct**
- **Follow the sequence of the IMG**
- **Reference objects only work on screen 0150**
- **Create your own key figure calculations**
- **Don't be afraid to explore**
- **Utilize BAPI's if needed for mass entry programs**



Contacts



For more further information please contact...

E-mail: kevin.morrow@sap.com

(All releases)

matthias.wobbe@sap.com

(Product Management, SAP AG)

kahn.ellis@sap.com

(Product Management, SAP America)

sharon.blake@sap.com

(Public Services)



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