

# Oracle's new Tax Reporting Ledger - A well-kept secret

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# About Us:

Celantra Systems provides international program management services with a strong focus on multi-org, inter-company, and global compliance and implementation issues. Celantra Systems also offers specialized software tools to augment application functionality in global implementations.

Celantra's consulting and technical services can add valuable impact in the integration of Oracle Apps with boundary systems such as SAP, People Soft, trade and customs compliance systems and others. Former and current clients include Xerox, Tektronix, British Telecom, Assa Abloy, Yahoo, Texas Instruments, PPG, Dionex, GE Medical, GE Power, Cree Corp. and others.

**Hans Kolbe** has managed and advised software implementation projects for over 16, global projects for over 9 years. His extensive knowledge on Oracle applications is combined with a formal background as a German attorney, trained in international and comparative law.

# Goal of this Session:

Help Oracle Application Users and Managers to achieve an understanding of the new Financial Tax Reporting Ledger, its scope, its potential and issues.

We will also cover the integration of the tax reporting ledger to other reporting and reconciliation tools.

# Structure of the Session

1. Tax Reporting Challenges and Oracle's Tax Reporting Ledger
2. Technical Functions and Steps
3. Sample Configuration
4. Expanded Use - Intra-Stat, Intercompany Reconciliation

# Financial Tax Register - Key Elements

1. New feature in Release 11I, fully developed in 11.5.10, integrated with E-Business Tax Engine of Release 12.
2. Provides a tax reporting “data warehouse” within the Oracle Application. It includes automated extracts from AR, AP, and GL into special reporting tables (interface tables).
3. The extracts are registered, updated and validated with standard functionality.
4. The reporting from these tables can be done using a simple built-in report writer, ADI, or other Oracle or third party tools – such as Cognos.

# Single Source Cross-Module Tax Reporting

1. **Challenge - Separate Reporting Matrix in each application module – Receivable and Payable.**
2. **Challenge - Practically no GL VAT reporting functionality**

**Answer: Integrated single tax repository with normalized tax reporting tables. Differences in the source module data structure is transparent to the user. AR, AP, and GL VAT combined and reported as required.**

# Multitude of Country Specific Formats in single source

1. Challenge: Multitude of country specific tax reporting formats require extensive customization or installation of globalizations with support overhead.
2. Challenge: Tax Reporting usually requires at least 3 types of reporting formats: a) internal audit and reconciliation to GL b) external audit format c) tax filing format. All reports need reconcile.

Answer: Tax Register tables contain required information for these purposes. Formats can be configured by users, no SQL or programming required. Single source of data ensures internal reconciliation.

# Easy Extension to Related Tax and Reconciliation Reporting

Challenge: Tax related reporting like European Intra-Stat report, export/import compliance reports – are provided with completely separate data structure and complex setups. Reconciliation to VAT and Tax reports extremely difficult.

Answer: The Tax Register can provide a single reporting tool also for tax related reports. Its tables contain sufficient flexibility (over 600 columns) to store additional information in hundreds of flexfields etc. as required. Flexible formatting can be generated for electronic submission per country specifications.

# Additional Functionality

## The Tax Reporting Ledger supports the following reports:

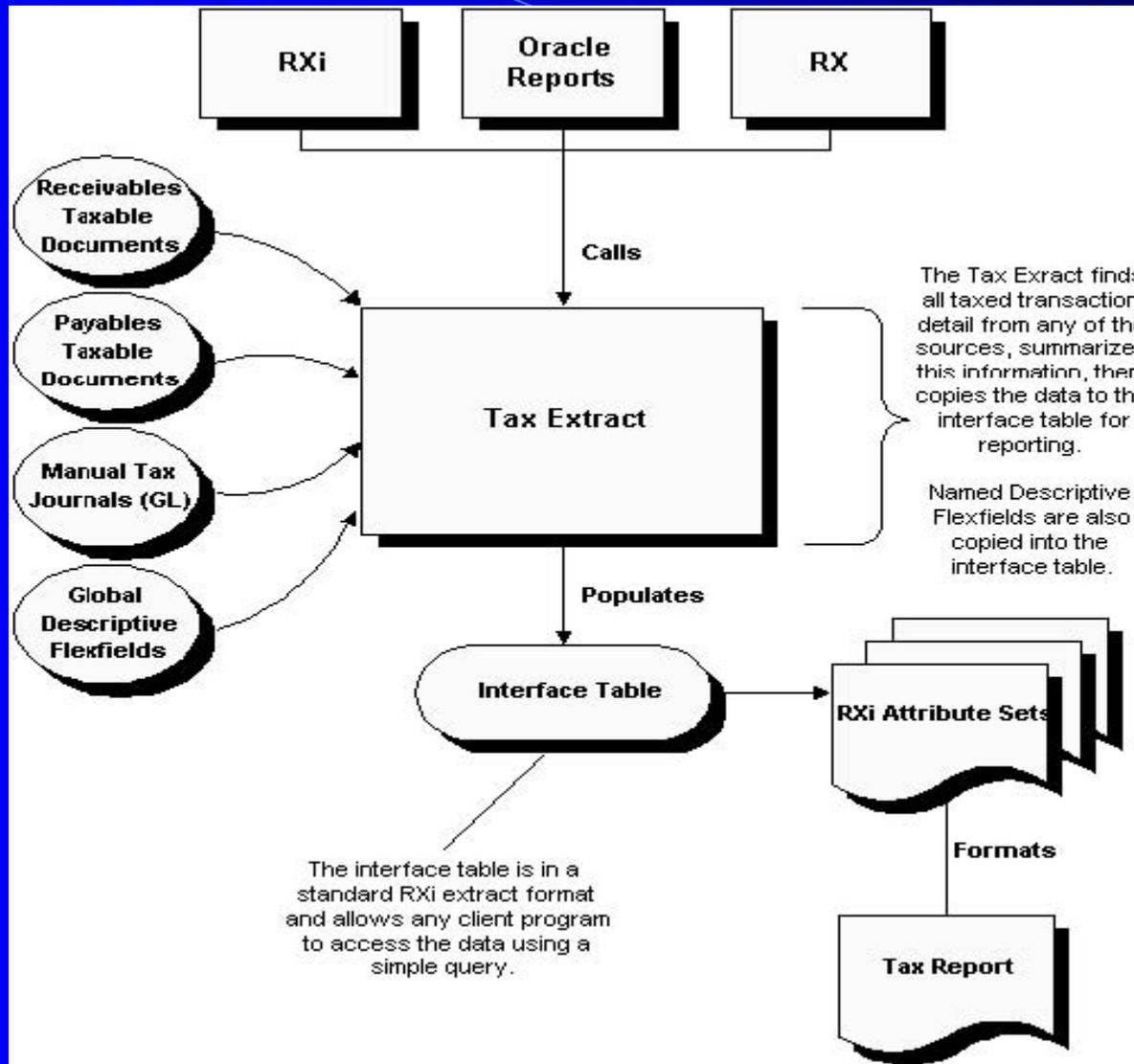
- Deferred Output Tax Register
- Excise & Quantity-based Taxes
- Recoverable and Non-Recoverable Tax Registers
- Single Cross Product Tax Register
- Standard Input and Output Tax Registers
- ??withholding tax?

## Transaction tax accounting and reporting for:

- **Receivables** Invoices, Credit Memos, and Debit Memos
- Line, Tax, and Invoice Adjustments,
- Payment Applications for Deferred Tax
- Earned and Unearned Discounts, Finance Charges, Miscellaneous Receipts & Payments
- **Payables** Invoices & Credit Memos, Payables Prepayments
- Global Descriptive Flexfields
- **General Ledger** Manual Journal Entries

# Oracle's Financial Tax Register – The Technical Structure

# Tax Register Tables and Extracts



# Tax Register Table View - Toad

TOAD - [CRP3258@EUSOEADB.EUSOEA - Schema Browser]

Created: 6/11/2004 9:46:17 PM Updated: 12/22/2006 5:52:57 PM

Columns | Indexes | Constraints | Triggers | Data | Scripts | Grants | Partitions | Stats/Size | Referential | Used By

Sort by Primary Key

ORT_FLAG	TRX_ID	TRX_DOC_SEQUENCE_ID	TRX_DOC_SEQUENCE_NAME	TRX_TYPE_ID	TRX_CLASS_CODE	TRX_APPLIED_FROM_HEAD
	10558	138	LSC_ES_AP_DOM_INV_06		INV	
	10588	138	LSC_ES_AP_DOM_INV_06		INV	
	10602	501	LSC_ES_AP_EXP_REP_06		EXPENSE_REPORT	
	10602	501	LSC_ES_AP_EXP_REP_06		EXPENSE_REPORT	
	10459	138	LSC_ES_AP_DOM_INV_06		INV	
	10461	138	LSC_ES_AP_DOM_INV_06		INV	
	10463	138	LSC_ES_AP_DOM_INV_06		INV	
	10631	138	LSC_ES_AP_DOM_INV_06		INV	
	10633	138	LSC_ES_AP_DOM_INV_06		INV	
	10225	140	CM_ES_AP_DOM_INV_06		INV	
	10219	140	CM_ES_AP_DOM_INV_06		INV	
	10217	140	CM_ES_AP_DOM_INV_06		INV	
	10215	140	CM_ES_AP_DOM_INV_06		INV	
	10207	140	CM_ES_AP_DOM_INV_06		INV	
	10637	138	LSC_ES_AP_DOM_INV_06		INV	
	10636	138	LSC_ES_AP_DOM_INV_06		INV	
	10635	138	LSC_ES_AP_DOM_INV_06		INV	
	10634	138	LSC_ES_AP_DOM_INV_06		INV	
	10467	138	LSC_ES_AP_DOM_INV_06		INV	
	10466	138	LSC_ES_AP_DOM_INV_06		INV	
	10465	138	LSC_ES_AP_DOM_INV_06		INV	
	10464	138	LSC_ES_AP_DOM_INV_06		INV	
	10402				INV	

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## Tax Register Tables:

1. AR\_TAX\_EXTRACT\_MATRIX\_ITF: contains reporting parameter and entity information, Locations, Global DFF data
2. AR\_TAX\_EXTRACT\_SUB\_ITF: main table containing transaction information, often keys and IDs only. Names and Description in other tables.
3. AR\_TAX\_EXTRACT\_SUB\_AP\_EXT: contains supplemental AP information.
4. AR\_TAX\_EXTRACT\_SUB\_AR\_EXT: contains supplemental AR information.
5. AR\_TAX\_EXTRACT\_SUB\_COM\_EXT: contains cross-module supplemental information

### **Extract and Join Fields are**

1. Tax Extract Declarer ID: One ID per execution of Tax Extract
2. Extract Line ID, Extract Line Number: connect to other tax register tables
3. Request ID: connects to the concurrent request No. of RX report

# Tax Register Table View - Toad

TOAD - [CRP3258@ EUSOEADB.EUSOEA - Schema Browser]

File Edit Grid SQL-Window Create Database Tools View DBA Debug Window Help

AR

Created: 6/11/2004 9:46:17 PM Updated: 12/22/2006 5:52:57 PM

Columns Indexes Constraints Triggers Data Scripts Grants Partitions Stats/Size Referential Used By

<NO PRIMARY KEY>

Column	Pk	Data Type	Null?	Default	Comments
EXTRACT_LINE_ID		NUMBER (15)	N		
CREATED_BY		NUMBER (15)	N		
CREATION_DATE		DATE	N		
LAST_UPDATED_BY		NUMBER (15)	N		
LAST_UPDATE_DATE		DATE	N		
LAST_UPDATE_LOGIN		NUMBER (15)	Y		
TAX_EXTRACT_DECLA...		NUMBER (15)	Y		
SET OF BOOKS ID		NUMBER (15)	Y		
CHART_OF_ACCOUNTS_ID		NUMBER (15)	Y		
EXTRACT_SOURCE_LE...		VARCHAR2 (2)	Y		
EXTRACT_REPORT_LL...		NUMBER	Y		
MATRIX_REPORT_FLAG		VARCHAR2 (1)	Y		
TRX_ID		NUMBER (15)	Y		
TRX_DOC_SEQUENCE...		NUMBER (15)	Y		
TRX_DOC_SEQUENCE...		VARCHAR2 (30)	Y		
TRX_TYPE_ID		NUMBER (15)	Y		
TRX_CLASS_CODE		VARCHAR2 (30)	Y		
TRX_APPLIED_FROM...		VARCHAR2 (30)	Y		
TRX_APPLIED_FROM...		NUMBER (15)	Y		
TRX_APPLIED_FROM...		VARCHAR2 (30)	Y		
TRX_APPLIED_FROM...		VARCHAR2 (30)	Y		
TRX_APPLIED_TO_TR...		VARCHAR2 (30)	Y		
TRX_APPLIED_TO_TR...		NUMBER (15)	Y		
TRX_APPLIED_TO_CLA...		VARCHAR2 (30)	Y		
TRX_APPLIED_TO_TR...		VARCHAR2 (30)	Y		
BILLING_TRADING_PA...		NUMBER (15)	Y		
BILLING_TP_SITE_ID		NUMBER (15)	Y		
BILLING_TP_ADDRESS...		NUMBER (15)	Y		
BILLING_TP_TAX_REP...		VARCHAR2 (30)	Y		
SHIPPING_TRADING_P...		NUMBER (15)	Y		
SHIPPING_TP_SITE_ID		NUMBER (15)	Y		
SHIPPING_TP_ADDRE...		NUMBER (15)	Y		
BANKING_TP_NAME		VARCHAR2 (60)	Y		
BANKING_TP_TAXPAY...		NUMBER (15)	Y		
AR_TRX_BATCH_SOU...		NUMBER (15)	Y		

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# Tax Register Setup – Menu Path

The screenshot shows the Oracle Applications Navigator interface. The title bar reads "Oracle Applications - BBR Simulation EUSOEA (Fresh install 12/09/2005)". The main window is titled "Navigator - CH\_3820\_AR\_IT\_SUPPORT". The "Functions" tab is active, showing a tree view under "Setup:Tax:". The "Tax" item is selected and highlighted in blue. A black arrow points from the "Tax Register Setup" text in the title to the "Tax" item in the tree. To the right, a "Top Ten List" is displayed, containing the following items:

1. AutoInvoice Interface Lines
2. Requests: Submit
3. Tax Reporting Ledger
4. Tax Reports
5. Transactions
6. Descriptive Flexfield Values
7. Tax Codes and Rates

At the bottom of the window, there is an "Open" button. The text "Available from AR, AP, GL – Setup, Tax" is overlaid in blue italics on the right side of the window.

# Tax Register – Default Configuration

Oracle Applications - BBR Simulation EUSOEA (Fresh install 12/09/2005)

File Edit View Folder Tools Window Help

*Available  
Columns*

*Columns Used*

Report Name: **RX-only: Financial Tax Register**

Attribute Set: **Tax Register** Short Name: **DEFAULT**

Displayed Columns | Page Setup | Default Format

Available	Displayed
AP Receipt Date	1 - Functional Currency
AP Tax Line Country of Supply	1 - Company
AP Tax Line Merchant Document	1 - Tax Class
AP Tax Line Merchant Name	1 - Tax Code
AP Tax Line Merchant Reference	- Transaction Number
AP Tax Line Merchant Tax Register	- Transaction Class
AP Tax Line Merchant Taxpayer	- Related Transaction
AP Tax Line Tax Recovery Flag	- Transaction Date
AP Tax Line Tax Recovery Rate	- Billing Partner Name
AR Exempt Accounted Amount	- Tax Registration Number
AR Exempt Entered Amount	- Taxable Amount

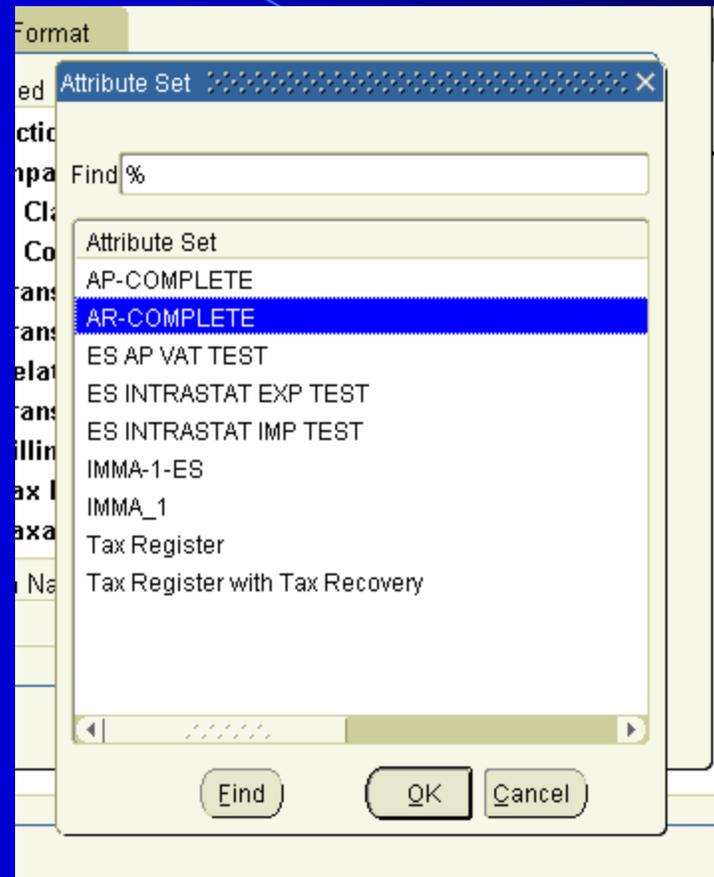
Column Name:

Column Name:

Copy Attribute Set... | Column Details...

# Tax Register – Other Configurations

*User Defined*



# Tax Register – Column Details

Column Details

Report Name: **RX-only: Financial Tax Register**      Attribute Set: **AR-COMPLETE**

Level	Column Name	Attribute Name	Length	Ordering	Sum	Count
1	TRX_TAXABLE_BALANCING_SEGMENT	Taxable Balancing Segment	8	Ascending	<input type="checkbox"/>	<input type="checkbox"/>
	TRX_TAX_BALANCING_SEGMENT	Tax Line Balancing Segment	8	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_LINE_USER_ATTRIBUTE3	Tax Line User Attribute3 (ship)	8	Ascending	<input type="checkbox"/>	<input type="checkbox"/>
	SHIPPING_TP_COUNTRY	Shipping Partner Country	8	Ascending	<input type="checkbox"/>	<input type="checkbox"/>
	BILLING_TP_COUNTRY	Billing Tp Country	8	Ascending	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_CODE	Tax Code	12	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_LINE_USER_ATTRIBUTE2	Tax Line User Attribute2(Com)	8	Ascending	<input type="checkbox"/>	<input type="checkbox"/>
	TAXABLE_LINE_ITEM_FLEXFIELD	Taxable Inventory Item Flexfi	12	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAXABLE_ITEM_DESCRIPTION	Taxable Inventory Item Descri	15	None	<input type="checkbox"/>	<input type="checkbox"/>
	TRX_TAXABLE_NATURAL_ACCOUNT	Taxable Natural Account	6	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAXABLE_QUANTITY	Taxable Quantity	8	None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	TAXABLE_QUANTITY_UOM_CODE	Taxable Quantity Uom Code	3	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_LINE_USER_ATTRIBUTE1	Tax Line User Attribute1(Weig	6	None	<input type="checkbox"/>	<input type="checkbox"/>

Sum Detail...      Count Detail...      OK      Cancel

# Activating additional Columns

Oracle Applications - BBR Europe EUROEA (Clone from eucoa 12/16/...

File Edit View Folder **Tools** Window Help

Display  
Hide  
Move Item Up  
Move Item Down  
Increase Level  
Decrease Level  
Report Details...  
**Columns...**  
Parameters...  
Security...

Attribute Set

Report Name

social Tax Register

Short Name AR-1

Default Format

Displayed Columns

Available

- AP Receipt Date
- AP Tax Line Country of Supply
- AP Tax Line Merchant Document
- AP Tax Line Merchant Name**
- AP Tax Line Merchant Reference
- AP Tax Line Merchant Tax Regist
- AP Tax Line Merchant Taxpayer
- AP Tax Line Tax Recovery Flag
- AP Tax Line Tax Recovery Rate
- AR Exempt Accounted Amount
- AR Exempt Extended Amount

Displayed

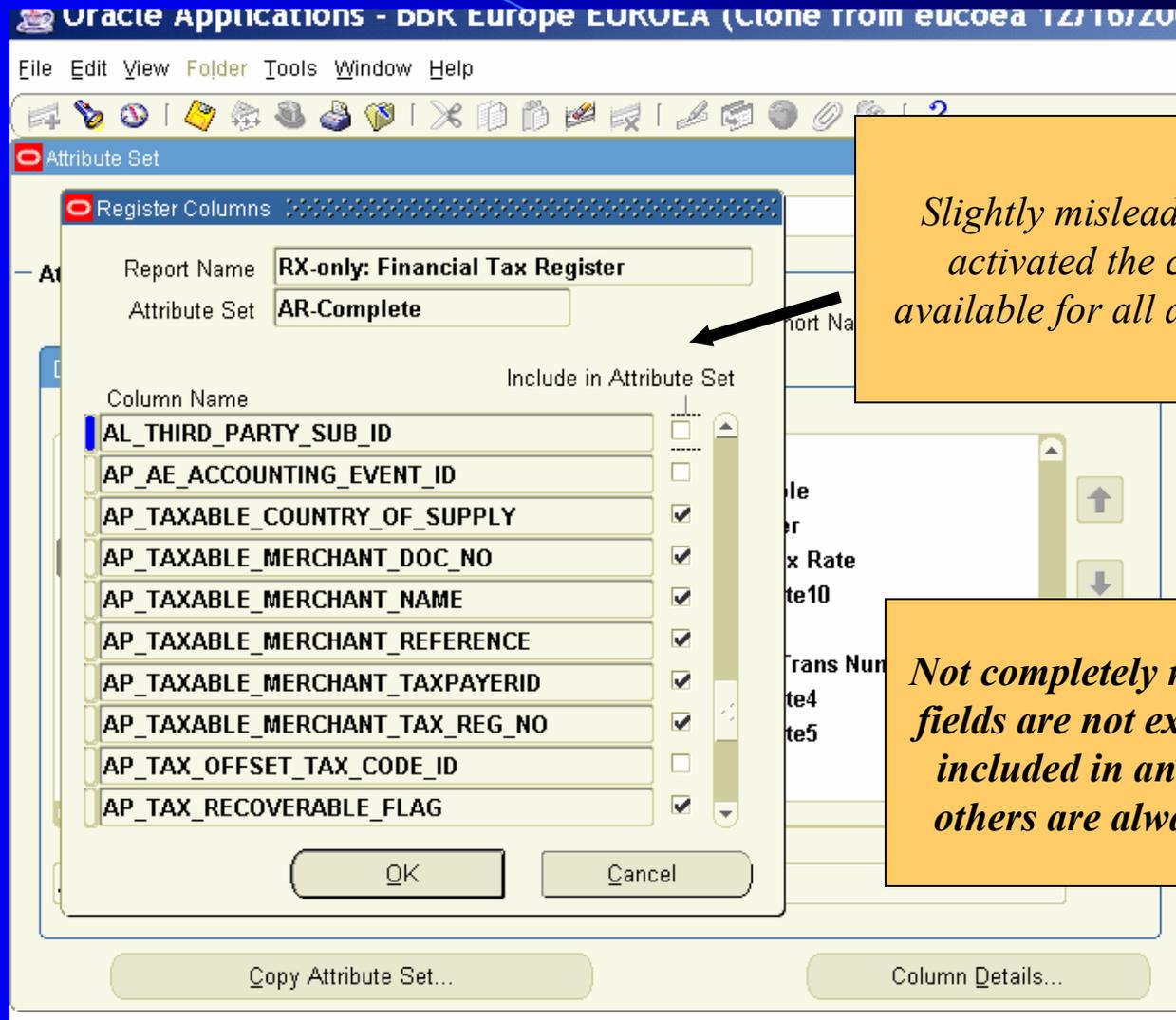
- Acct Line Type
- Acct Line Source Table
- Extract Source Ledger
- Tax Line Effective Tax Rate
- Tax Line User Attribute10
- Trans Shipping Date
- Trans Applied From Trans Number
- Tax Line User Attribute4
- Tax Line User Attribute5
- Trx Sequence Value

Column Name

AP\_TAXABLE\_MERCHANT\_NAME

*Access to activate  
additional columns  
Path: Tools, Columns*

# 600 Columns Available



*Slightly misleading – once activated the column is available for all attribute sets*

*Not completely resolved: Some fields are not extracted unless included in an attribute set, others are always extracted.*

# Attention when adding column

Report Name: RX-only: Financial Tax Register

Attribute Set: AR-Complete

Displayed Columns | Page Setup | Default Format

Available

- Acct Line Organization Code
- Acct Line Organization Name
- Acct Line Statistical Amount
- Acct Line Sub Ledger Document
- Acct Line Sub Ledger Document
- Acct Line Type Code
- Acct Period Name
- Banking Partner Name
- Banking Partner Taxpayer ID
- Billing Partner Address 1**
- Billing Partner Address 2

Displayed

- Tax Line Balancing Segment
- (Ship from)Tax Line User Attribute3
- Shipping Partner Country
- Billing Partner Country
- Billing Partner Name
- Tax Code
- (CommCode)Tax Line User Attribute2
- Taxable Inventory Item Flexfield
- Taxable Inventory Item Description
- Taxable Natural Account
- Taxable Quantity

Column Name: BILLING\_TP\_ADDRESS1

Copy Attribute Set... | Column Details... | Sum Detail... | Count Detail... | OK | Cancel

*Adding Billing Partner Address 1*

# Insertion happens at maximum length

Attribute Set

Column Details

Report Name: **RX-only: Financial Tax Register**

Level	Column Name	Attribute Name	Length	Default	Visible	Print
	AL_ACCOUNT_FLEXFIEL	Acct Line Account Flexfield	42	None	<input type="checkbox"/>	<input type="checkbox"/>
	TRX_TYPE_DESCRIPTION	Trans Type Description	20	None	<input type="checkbox"/>	<input type="checkbox"/>
	AL_LINE_TYPE_MEANING	Acct Line Type	12	None	<input type="checkbox"/>	<input type="checkbox"/>
	AL_SOURCE_TABLE	Acct Line Source Table	12	None	<input type="checkbox"/>	<input type="checkbox"/>
	EXTRACT_SOURCE_LEDG	Extract Source Ledger	2	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_LINE_EFFECTIVE_T	Tax Line Effective Tax Rate	5	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_LINE_USER_ATTRIB	Tax Line User Attribute10	22	None	<input type="checkbox"/>	<input type="checkbox"/>
	TRX_SHIPPING_DATE	Trans Shipping Date	11	None	<input type="checkbox"/>	<input type="checkbox"/>
	TRX_APPLIED_FROM_TR	Trans Applied From Trans Num	12	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_LINE_USER_ATTRIB	Tax Line User Attribute4	20	None	<input type="checkbox"/>	<input type="checkbox"/>
	TAX_LINE_USER_ATTRIB	Tax Line User Attribute5	20	None	<input type="checkbox"/>	<input type="checkbox"/>
	TRX_DOC_SEQUENCE_V	Trx Sequence Value	14	None	<input type="checkbox"/>	<input type="checkbox"/>
	BILLING_TP_ADDRESS1	Billing Partner Address 1	240	None	<input type="checkbox"/>	<input type="checkbox"/>

Buttons: Sum Detail..., Count Detail..., OK, Cancel

*240 characters will quickly lead to errors in the reporting run.*

# Sample Output

PPG\_CNR\_ES\_SOB

ES VAT AR Tax Register

Tax Code: ES\_DOM

Class

Invoice No.	Invoice Date	Customer Name	Customer VAT ID	Taxable Amount	Tax Code	Rate	Tax Amount	Total Amount
INV								
516100000	07-DEC-2006	MAIER NAVARRA, S	ESB31563935	1,242.00	ES_DOM	16	198.72	1440.72
516100001	07-DEC-2006	GENERAL MOTORS	ESB50629187	4,420.00	ES_DOM	16	707.20	5127.2
516100002	08-DEC-2006	GENERAL MOTORS	ESB50629187	22.10	ES_DOM	16	3.54	25.64
516100003	12-DEC-2006	SANTANA-MOTOR, S	ESA28069524	98.40	ES_DOM	16	15.74	114.14
516100004	12-DEC-2006	DAIMLERCHRYSLER	ESA79380465	227.95	ES_DOM	16	36.47	264.42
516100005	12-DEC-2006	LAB.RADIO, S.A.	ESA46021705	2,741.00	ES_DOM	16	438.56	3179.56
516100006	12-DEC-2006	DAIMLERCHRYSLER	ESA79380465	13.80	ES_DOM	16	2.21	16.01
516100007	12-DEC-2006	FORD ESPAÑA, S.	ESA46066361	600.00	ES_DOM	16	96.00	696
516100008	12-DEC-2006	PEUGEOT CITROEN	ESA36602837	50.00	ES			
516100009	13-DEC-2006	PEUGEOT CITROEN	ESA36602837	75.00	ES			
516100010	13-DEC-2006	PEUGEOT CITROEN	ESA36602837	1,000.00	ES			
516100011	13-DEC-2006	PEUGEOT CITROEN	ESA36602837	5,000.00	ES			
516100012	13-DEC-2006	PEUGEOT CITROEN	ESA36602837	50.00	ES			
516100013	13-DEC-2006	PINTURAS CATAFO	ESA46199204	500.00	ES			
516100014	13-DEC-2006	PINTURAS CATAFO	ESA46199204	1,000.00	ES			
516100015	13-DEC-2006	DAIMLERCHRYSLER	ESA79380465	20.82	ES			
516100016	13-DEC-2006	DAIMLERCHRYSLER	ESA79380465	227.95	ES			
516100017	13-DEC-2006	IVECO PEGASO, S.	ESB82712878	8,869.20	ES			
516100018	13-DEC-2006	PINTURAS CATAFO	ESA46199204	10,034.78	ES			
516100019	13-DEC-2006	DAIMLERCHRYSLER	ESA79380465	97.24	ES_DOM	16	15.56	112.8
516100020	13-DEC-2006	DAIMLERCHRYSLER	ESA79380465	56.09	ES_DOM	16	8.97	65.06
516100021	13-DEC-2006	LAB.RADIO, S.A.	ESA46021705	10.96	ES_DOM	16	1.75	12.71
516100022	13-DEC-2006	IVECO ESPAÑA, S	ESB61768511	497.20	ES_DOM	16	79.55	576.75
516100023	13-DEC-2006	INDUSTRIAS COUS	ESB31009715	1.00	ES_DOM	16	0.16	1.16
516100024	13-DEC-2006	MAIER NAVARRA, S	ESB31563935	207.34	ES_DOM	16	33.17	240.51
516100025	13-DEC-2006	PEUGEOT TALBOT	ESA32001166	2.93	ES_DOM	16	0.47	3.4

*The formats were proposed, configured and re-configured multiple times with key users in Spain, then labels translated – without any programming – all in one afternoon.*

# Multiple Layouts - Maintenance

	A	B	C	D	E
1	Short Name	Type	Report	Field	Len
2	AR_H_ES_02	Header	AR_H_ES_02 (Header-filing format English)	Short Name = AR_H_ES_02	NA
3	AR_H_ES_02	Page Setup		Group Above	NA
4	AR_H_ES_02	Print Headings		Title, Organization Name, Page Break Columns	NA
5	AR_H_ES_02	Break/Sort 1	Tax1_Code	Tax Code	6
6	AR_H_ES_02	Break/Sort 2	TRX_CLASS_CODE	Class	1
7	AR_H_ES_02	Sort 3	TRX_NUMBER	Invoice No.	1
8	AR_H_ES_02	Display only	TRX_DATE	Invoice Date	1
9	AR_H_ES_02	Display only	BILLING_TP_NAME		
10	AR_H_ES_02	Display only	BILLING_TP_TAXPAYER_ID		
11	AR_H_ES_02	Sum	TAXABLE_ACCOUNTED_AMOUNT		
12	AR_H_ES_02	Display only	TAX_CODE		
13	AR_H_ES_02	Display only	TAX_CODE_RATE	Rate	4
14	AR_H_ES_02	Sum	TAX_ACCOUNTED_AMOUNT	Tax Amount	8
15	AR_H_ES_02	Sum	TOTAL_ACCOUNTED_AMOUNT	Total Amount	1
16		Sample Output Invoice Totals	 WordPad Document		
17					
18	AR_L_ES_02	Header	AR_L_ES_02 (Line Detail, Filing Format, English)	Short Name = AR_L_ES_02	NA
19	AR_L_ES_02	Page Setup		Group Above	NA
20	AR_L_ES_02	Print Headings	ES VAT AR Tax Register - Line Detail	Title, Organization Name, Page Break Columns	NA
21	AR_L_ES_02	Break/Sort 1	Tax1_Code	Tax Code	6
22	AR_L_ES_02	Break/Sort 2	TRX_CLASS_CODE	Class	1
23	AR_L_ES_02	Sort 3	TRX_NUMBER	Invoice No.	1

*A Critical element of Tax Reporting in multiple formats*

# Expanded Use – Intra-Stat Report

	A	B	C	D	E	F	G
1	AR Extract	Used for	Field in Report Writer	Content -Comment	Used In AR Extract	Used in AP Extract	Column Name
3	1		Taxable Balancing Segment (Org Code)	Sort and Totals Field, shows only at top	Yes	Yes	TRX_TAXABLE_BALANCING_SEGMENT
4	2		Tax Line Balancing Segment	shown in each line	Yes	Yes	TRX_TAX_BALANCING_SEGMENT
5	3		Tax Line User Attribute3	Ship-From Country	Yes, done also for IC	IC - needed	TAX_LINE_USER_ATTRIBUTE3
6	4		Shipping Partner Country	for IC needs to be inserted into ATTR 3	Yes, missing for IC	IC - needed	SHIPPING_TP_COUNTRY
7	5		Billing TP Country		Yes	Yes	BILLING_TP_COUNTRY
8	6		Tax Code		yes	Yes	TAX_CODE
9	7		Tax Line User Attribute2	Item Commodity Code	Yes	for all transactions needed	TAX_LINE_USER_ATTRIBUTE2
10	8		Taxable Inventory Item Flexfield		Yes	No	TAXABLE_LINE_ITEM_FLEXFIELD
11	9		Taxable Inventory Item Description		Yes	No	TAXABLE_ITEM_DESCRIPTION
12	10		Transaction Natural Account		Yes	Sometimes 2 accounts	TRX_TAXABLE_NATURAL_ACCOUNT
13	11		Taxable Quantity		Yes	No	TAXABLE_QUANTITY
14	12		Taxable Quantity Uom Code		Yes	No	TAXABLE_QUANTITY_UOM_CODE
15	13		Tax Line User Attribute1 (Weight)	Weight per Unit	Yes	No	TAX_LINE_USER_ATTRIBUTE1
16	14		Trans Currency Code		Yes	Yes	TRX_CURRENCY_CODE
17	15		Trans Currency Conversion Rate		Yes		
18	16		Tax Line Entered Amount		Yes		
19	17		Tax Line Accounted Amount		Yes		
20	18		Tax Amount Accounted		Yes		
21	19		Transaction Number		Yes		
22	20		Transaction Date		Yes	Yes	TRX_DATE
23	21		AR Trans Purchase Order Number	Customer PO number; text field - used for sorting on Self-Billing Invoices; <i>is this needed for IC transactions - not transferred</i>	Yes	Excluded for AP	AR_TRX_PURCHASE_ORDER
24	22		Transaction Class		Yes	Yes	TRX_CLASS_CODE
25	23		AR Trans Batch Source Name		Yes	Excluded for AP	AR_TRX_BATCH_SOURCE_NAME
26	24		AR Trans Sales Order	Sales Order No.; Needs to be filled; for IC Transactions	fixed with Oracle Patch	Excluded for AP	AR_TRX_SALES_ORDER
27	25		AR Trans Type		fixed with Oracle Patch	No	TRX_TYPE_MEANING

*Here the column definitions: extended use of Attribute fields on Line and Header*

# Sample – Intra-Stat Report

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Part	Intra	PAO	CE	NAT	REG.	M.T.	Prov	PUERTO	MERCANCIA	UNIDADES	PETO NETA	IMPORTE EUR	VALOR ESTADIS
2	Internal Reg No. - not needed	Intra-Stat Report Line No. 1 line per sum of (ctry of origin, commodity code, inco-term)	Country of Destination	Inco Term = always FOB	Nature of Transaction = 11	Regime	Medio Transporte Mode of Transport	Province of Departure	PORT OF Exit	Commodity Code	Quantity	Net Weight in Kilo	Value of Import	Value +/- Freight and Insurance (add 4%)
4	1	14.04 €	DE	FOB	11	1	3	8	0000	0	10	0.00	13.50 €	14.04 €
5	2	13.73 €	DE	FOB	11	1	3	8	0000	32099000	10	200.00	13.20 €	13.73 €
6	3	13.73 €	DE	FOB	11	1	3	8	0000	32099000	10	200.00	13.20 €	13.73 €
7	4	29.64 €	PL	FOB	11	1	3	8	0000	0	5	0.00	28.50 €	29.64 €
8	5	14.77 €	PL	FOB	11	1	3	8	0000	0	10	0.00	14.20 €	14.77 €
9	6	109.20 €	PL	FOB	11	1	3	8	0000	0	10	0.00	105.00 €	109.20 €
10	7	12.82 €	Z-DOM	FOB	11	1	3	8	0000	0	2	0.00	12.33 €	12.82 €
11	8	13.83 €	Z-DOM	FOB	11	1	3	8	0000	0	2	20.00	13.30 €	13.83 €
12	9	13.28 €	Z-DOM	FOB	11	1	3	8	0000	0	4	200.00	12.77 €	13.28 €
13	10	69.60 €	Z-DOM	FOB	11	1	3	8	0000	0	6	20.00	66.92 €	69.60 €
14	11	13.28 €	Z-DOM	FOB	11	1	3	8	0000	0	4	200.00	12.77 €	13.28 €
15	12	13.28 €	Z-DOM	FOB	11	1	3	8	0000	0	4	200.00	12.77 €	13.28 €
16	13	55.79 €	Z-DOM	FOB	11	1	3	8	0000	0	6	20.00	53.64 €	55.79 €
17	14	174.21 €	Z-DOM	FOB	11	1	3	8	0000	0	15	20.00	167.51 €	174.21 €
18	15	37.69 €	Z-DOM	FOB	11	1	3	8	0000	0	15	1000.00	36.24 €	37.69 €
19	16	0.00 €	Z-DOM	FOB	11	1	3	8	0000	0	1	0.00	0.00 €	0.00 €
20	17	63.63 €	Z-DOM	FOB	11	1	3	8	0000	0	10	25.00	61.18 €	63.63 €
21	18	572.64 €	Z-DOM	FOB	11	1	3	8	0000	0	90	25.00	550.62 €	572.64 €
22	19	760.76 €	Z-DOM	FOB	11	1	3	8	0000	0	200	25.00	731.50 €	760.76 €
23	20	-13.28 €	Z-DOM	FOB	11	1	3	8	0000	0	-4	200.00	-12.77 €	-13.28 €
24	21	-55.79 €	Z-DOM	FOB	11	1	3	8	0000	0	-6	20.00	-53.64 €	-55.79 €
25	22	66.11 €	Z-DOM	FOB	11	1	3	8	0000	0	2	25.00	63.57 €	66.11 €
26	23	118.56 €	Z-DOM	FOB	11	1	3	8	0000	0	4	25.00	114.00 €	118.56 €

# Other Applications

## **-Intercompany Invoice Reconciliation:**

Reconcile Trade Invoice with IC Payable Invoice in Selling Entity, also IC pricing and IC VAT validation

## **-VAT and Intra-Stat Reconciliation:**

Single source with all data elements will reconcile, even though calculation is not identical.

## **- Tax Reconciliation to GL**

include accounting flexfield elements in Tax Register, natural account or entire string.

# Challenges

- **A number of small bugs can adding new fields cumbersome. Oracle support does not understand well.**
- **Register Reporting tool is limited. I have not tried ADI.**
- **No standard extract or reporting across SOB, need to use Oracle report writer.**
- **No standard functionality to delete rows in extract tables. Oracle support has script available.**

**Overall, a great tool for simplified and reliable reporting.**

# Thank you !

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