

Merchant Statements

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Introduction

Working with merchant statements is mandatory for the acquirer to service merchant contracts.



Statements are reports on client account fund activity. Pursuant to terms of the agreement with the client, statements are regularly provided to merchants to inform them about transactions made on contracts and on payments for these transactions. Account statements can also be used when resolving disputes between merchants and the acquirer.

This document is intended for WAY4 users (bank or processing centre employees) responsible for working with merchant statements.

When working with this document, it is recommended to use the following resources from the OpenWay documentation series:

- "DB Manager Manual" ("DB_Manager_Administrator_Manual.pdf" from the WAY4 Cards distribution).
- "Acquiring Module. User Manual" ("Acquiring_Module.pdf" from the WAY4 Cards distribution).
- "WAY4™ Merchant Portal" ("Merchant_Portal.pdf" from the WAY4Web distribution).

The following conventions are used throughout the document:

- Field labels in screen forms are displayed in *italics*.
- Names of screen form buttons are shown in square brackets, such as [Approve].
- Menu selection sequences are given using arrows, as in Issuing → Contracts Input & Update.
- Sequences for selection of items from the system menu are shown using another type of arrow, as in Database => Change password.
- Key combinations used when working with DB Manager are shown in angular brackets, for example <Ctrl>+<F3>.
- Warnings that there is a risk of making an incorrect action are marked with the  sign.
- Messages marked with the  sign contain information about important features, additional facilities, or the optimal use of certain functions of the system.

Chapter 1. Merchant Statement Types

The WAY4™ acquiring module makes it possible for the user to work with the following statement types:

- Transaction statements (Merchant Transactions Statement);
- Contract Statements (Merchant Contract Statement);
- Standing Order statements (Merchant Standing Order Entry Details).

WAY4 makes it possible to create separate merchant statements (see the sections "Merchant Contract Statements", "Merchant Transaction Statements" and "Standing Orders Statements"), and batches of statements for a large number of merchants (see the section "Batch Generation of Statements").

The DB Manager user menu group "Acquiring → Statements" is used to work with merchant statements.

When necessary, the acquiring module allows repeated generation of the same merchant statement.

Chapter 2. Merchant Contract Statements

A merchant contract statement is a summary report on transactions for a billing cycle. These statements are intended to be regularly provided to merchants and contain information on the amount of funds and number of transactions made, grouped by transactions of the same type.

To create a contract statement, select the user menu item "Acquiring → Statements → Merchant Reports".


When this menu item is executed, the "Merchant Reports" grid form will be displayed (see Fig. 1) with a list of device contracts and account contracts registered in WAY4.

Contract Number	Contract Name	Currency	Amount Available	Date Open	Status	Client	Client Type	Main Contract	Contract Type	Contract Category
99999991	TEST POS	RUR	0.00	17/01/2014	Device OK	TEST ACQ	Corporate Resident	001-C-999998	Our POS	Device
99999994	TEST POS	RUR	0.00	17/01/2014	Device OK	TEST ACQ	Corporate Resident	001-C-999998	Our POS	Device
99999993	TEST POS	RUR	0.00	17/01/2014	Device OK	TEST ACQ	Corporate Resident	001-C-999998	Our POS	Device
00000001	TEST IMPRINTER CASH	RUR	0.00	29/07/2011	Device OK	TEST ACQ	Corporate Resident	001-C-999999	Our Imprinter	Device
99999998	TEST POS CASH	RUR	0.00	29/07/2011	Device OK	TEST ACQ	Corporate Resident	001-C-999999	Our POS	Device
001-C-401529	TEST ATM	RUR	0.00	29/07/2011	Account OK	TEST ACQ	Corporate Resident		Client Account	Account
001-C-999999	TEST CASH ACQ	RUR	0.00	29/07/2011	Account OK	TEST ACQ	Corporate Resident		Client Account	Account
ATM000001	TEST ACQ	RUR	0.00	29/07/2011	Device OK	TEST ACQ	Corporate Resident	001-C-401529	Our ATM	Device

Fig. 1. Grid form with the list of contracts for generating a merchant statement

A merchant contract statement can be prepared for a current billing cycle or for any previous billing cycle. The banking date of closing the corresponding billing cycle for a contract is specified in the *Date To* column of the "Billing for <contract name>" grid form. This form is opened by clicking the [Billing] button of the "Merchant Reports" form.

The "Merchant Reports" grid form makes it possible to generate transaction statements for an account contract as a whole, consolidating information for all this account contract's devices, and, when necessary, to generate statements for specific devices.

To start the statement generation procedure, move the  pointer to the row corresponding to the required contract, click the [Report] button and select the "Contract Statement" item in the context menu (see Fig. 2).

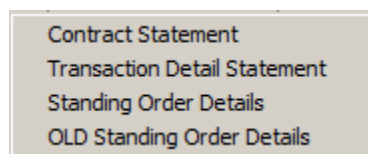


Fig. 2. Context menu for selecting the type of statement to be generated

The "Billing Date To" form will be displayed (see Fig. 3).

In this form's *Date To* field, specify the closing date of the billing cycle for which the statement is being created.

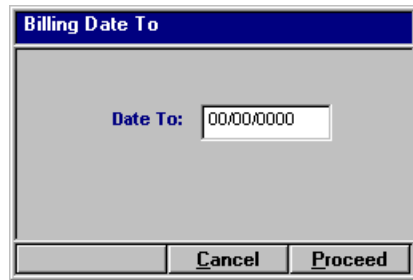
A screenshot of a software form titled "Billing Date To" in a blue header bar. The main area is light gray and contains the text "Date To:" followed by a text input field containing "00/00/0000". At the bottom of the form are two buttons: "Cancel" and "Proceed".

Fig. 3. Form for setting the billing cycle closing date for a merchant transaction statement

After filling in the fields of the "Billing Date To" form and clicking the [Proceed] button, Oracle Reports will generate the required statement. A merchant contract statement contains information about transactions for a billing cycle, grouped according to the following parameters:

- Currency – transaction currency.
- Device – contract number of the device used to make the transaction.
- SIC – merchant category.
- Cycle Num/Type – number/type of collection cycle (if used).
- Device Name – device contract name.
- Posting Date – banking date on which the document was posted to contract accounts.
- Value Date – banking date of payment.

Transactions for which no collection cycle is specified are grouped separately.

This statement (see "Sample Contract Statement") is a table containing the following columns:

- Transaction Name – transaction type.
- Trans Date – calendar date of transaction.
- # Trans – number of transactions.
- Transaction Amount – transaction amount in transaction currency.
- Discount – amount of fees charged by the acquirer to the merchant for this transaction, specified in the account currency.
- Account Amount – amount of payment to the merchant; this is the difference between the transaction amount and the fee amount, specified in the account currency.

Chapter 3. Merchant Transaction Statements


A merchant transaction statement is a transaction-by-transaction report on transaction for a billing cycle. This statement is intended to be provided to the merchant regularly and contains information about transactions that have been made.

To create a transaction type statement, select the user menu item "Acquiring → Statements → Merchant Reports".

When this menu item is executed, the "Merchant Reports" grid form will be displayed (see Fig. 1 in the section "Merchant Contract Statements"), with a list of device contracts and account contracts registered in WAY4.

A transaction statement can be prepared for a current billing cycle or for any other previous billing cycle. The banking date of closing the corresponding billing cycle for a contract is specified in the *Date To* column of the "Billing for <contract name>" grid form, opened by clicking the [Billing] button of the "Merchant Reports" form.

The "Merchant Reports" grid form makes it possible to generate transaction type statements for an account contract as a whole, consolidating information for all devices registered for this account contract, or, when required, to generate statements for specific devices.

To start the statement generation procedure, move the  pointer to the row corresponding to the required contract, click the [Report] button and select the "Transaction Detail Statement" item in the context menu (see Fig. 2 in the section "Merchant Contract Statements").

As a result, the "Billing Date To" form will open (see Fig. 3 in the section "Merchant Contract Statements").

In this form's *Date To* field, specify the closing date of the billing cycle for which the statement is being created.

After filling in the fields of the "Billing Date To" form and clicking the [Proceed] button, Oracle Reports will generate the required statement. A merchant transaction statement contains information about transactions for a billing cycle, grouped according to the following parameters:

- Currency – transaction currency.
- Device – contract number of the device used to make the transaction.
- SIC – merchant category.
- Cycle Num/Type – number/type of collection cycle (if used).
- Device Name – device contract name.
- Posting Date – banking date on which the document was posted to contract accounts.
- Value Date – banking date of payment.

- Transactions for which no collection cycle is specified have a separate group.


This statement (see "Sample Transaction Statement") is a table containing the following columns:

- Trans Date – calendar date of transaction.
- Transaction details – transaction details, specified by values set using the [P_TRANS_DETAILS](#) parameter.
- Transaction Amount – transaction amount in transaction currency.
- Discount – amount of fees charged by the acquirer to the merchant for this transaction, specified in the account currency.
- Account Amount – amount of payment to the merchant; this is the difference between the transaction amount and the fee amount, specified in the account currency.

Chapter 4. Standing Orders Statements

Standing orders statements (Merchant Contract Standing Orders Details) contain information about payments to the merchant for a billing cycle.

A payment is a financial document generated by a standing payment order configured in a merchant contract (see the parameter [P_SEND_ACCOUNT_CODES](#)).

 Statements can only be generated correctly for standing payment orders that are used for reimbursement to accounts managed outside WAY4.

Rules for configuring payment orders are described in the section "Retail Payments" of the document "Standing Payment Orders".

A financial document is generated with the frequency set in the payment order and is created for merchant transactions made for a given period.

The current version supports generation of two types of payment statement:

- OLD Standing Orders Details
- Standing Orders Entry Details

The "OLD Standing Orders Details" report is provided for backward compatibility. This report supports one level of a "Main/Sub" contract hierarchy.


The "Standing Orders Entry Details" report supports a multi-level hierarchy for both "Main/Sub" and "Liability". When generating a report for the main account contract for which the payment order is set up, all operations will be shown that were made for all device contracts, including at the lowest level of the hierarchy. Transactions result in the creation of entries. When a report is generated for each device contract in which a payment order is set up, the properties of entries are shown:

- Entry amount.
- Entry currency.
- Entry type – for transactions (Base) or fees (Fee).
- Entry description.
- Entry amount in the account contract currency. The currency of the entry may differ from that of the main account contract. In this case, amounts posted to an account are converted to the currency of the main contract.

If an adjustment is created for a transaction whose report has already been sent to the merchant, the statement shows adjustments for each entry for this transaction.

To create a current statement for payments, select the user menu item "Acquiring → Statements → Merchant Reports".

As a result, the "Merchant Reports" grid form will be displayed (see Fig. 1 in the section "Merchant Contract Statements"), with a list of device contracts and account contracts registered in WAY4.

To start the procedure for generating a payment statement, move the  pointer to the row corresponding to the required contract, click the [Report] button and select the item "[OLD Standing Orders Details](#)", or "[Standing Orders Details](#)" in the context menu (see Fig. 2 in the section "Merchant Contract Statements").

This command opens the "Billing Date To" form (see Fig. 3 in the section "Merchant Statement Types").

In this form's *Date To* field, specify the banking date of closing the billing cycle for which the statement is being created.

After clicking the [Proceed] button in the "Billing Date To" form, the required contract statement will be generated.

"OLD Standing Orders Details" Statement

A payment statement contains information about payments to the merchant for a billing cycle, grouped according to the following parameters:

- Order – payment identifier.
- Internal Ref # – payment registration number.
- Date – banking date of payment.
- Currency – payment currency.
- Device – contract number of the device from which the transaction was made.

This statement (see "OLD Standing Orders Details Statement") contains the following data:

- Posting Date – banking date the transaction was posted to contract accounts.
- Date & Time – transaction date and time.
- Transaction Details – transaction details, defined by the value of the [P_TRANS_DETAILS_FMT](#) parameter.
- Account Amount – amount posted to the account in the account currency.
- Fee – amount of fees charged by the acquirer to the merchant for this transaction; specified in account currency.
- TOTAL this Device:
 - Account Amount – total amount of transactions posted to the device contract account.
 - Account Fee – total amount of fees the merchant is charged for transactions posted to the account of this device's contract.
- TOTAL this Order:

- Account Amount – total amount of transactions included in this payment.
- Account Fee – amount of fees the merchant is charged for transactions included in this payment.
- Order Amount – payment amount.
- TOTAL this Contract:
 - Number of Transactions – number of transactions made in a billing cycle on the merchant's devices.
 - Number of Orders – number of payments to the merchant in the billing cycle.

"Merchant Standing Order Entry Details" Statement

A payment statement contains information about payments to the merchant for a billing cycle, grouped according to the following parameters:

- Payment/Direct Debit Request – payment type. Payment – crediting funds to the merchant contract account for transactions. Direct Debit Request – debiting funds from merchant contract accounts: fee payment, reversal, etc.
- Order – payment registration number.
- Date – banking date of payment.
- Amount – payment amount and payment currency.
- Device – contract number of the device from which the transaction was made.

A statement (see "Standing Orders Entry Details Statement") contains the following data:

- Posting Date – banking date the transaction was posted to contract accounts.
- Transaction Date & Time – transaction date and time.
- Transaction Details – transaction details, defined by the value of the [P TRANS DETAILS FMT](#) parameter.
- Transaction Amount – transaction amount in account currency.
- Details – description of entry.
- Entry Type – entry type: for transactions (Base) or for fees (Fee).
- Amount – entry amount; specified in account currency.
- Order Amount – entry amount in payment currency. If this field and its value are highlighted in the report in semi-bold, this amount is included in this payment. Otherwise, the amount is shown for informational purposes and is included in a different payment. For example, if two payment orders are set up for a device contract: one – for the main amount and the other – for the fee.
- TOTAL this Device:

- Amount – total amount of transactions posted to the device contract account.
- Fee Amount – total amount of fees the merchant is charged for transactions posted to the account of this device's contract.
- TOTAL this Order:
 - Amount – total amount of transactions included in this payment.
 - Fee Amount – amount of fees the merchant is charged for transaction included in this payment.
 - Order Amount – payment amount.
- TOTAL this Order Type:
 - Number of Transactions – number of transactions for which this type of payment is generated.
 - Number of Orders – number of orders of this type.
- TOTAL this Contract:
 - Number of Transactions – number of transactions made on devices in this account contract.
 - Number of Orders – number of payments in this account contract.

Chapter 5. Batch Generation of Statements

To prepare a large number of statements for a billing cycle, the WAY4 acquiring module supports batch generation of merchant statements.

There are two possible procedures for generating statements. The first is generation of only a certain type of statement for clients of one selected branch of a financial institution. The second is generation of statements for clients of all financial institutions registered in the database.

When using batch mode of generating statements, data are recorded in the form of files placed in special directories.

Generating Statements for a Financial Institution Branch

To start batch generation of statements for all merchant clients of a selected financial institution branch, select the user menu group "Acquiring → Statements".

Batch generation of contract statements is started by selecting "Acquiring → Statements → Merchant Contract Statements - All" from the user menu.

Batch generation of transaction statements is started by selecting "Acquiring → Statements → Merchant Transactions Statements - All" from the user menu.

Batch generation of payment statements is started by selecting "Acquiring → Statements → Merchant Standing Orders Details - All" from the user menu.

When these menu items are executed, the "Billing Date To..." form will be displayed (see Fig. 4). This form is used to set parameters for batch statement generation.

This form contains the following fields:

- *End of Cycle* – banking date of the end of the billing cycle for which the statement is being created.
- *Financial Institution* – drop-down list of financial institutions.
- *Branch* – drop-down list to select the bank office in which the client receives statements. If no value is specified, a statement will be generated for all contracts meeting the conditions specified, without consideration of the bank office.
- *Report Type* – drop-down list to select a report type registered in the database. If no value is specified, a statement will be generated for all contracts with this report type specified (see the section "Creating New Accounting Contracts" of the document "Acquiring Module. User Manual").

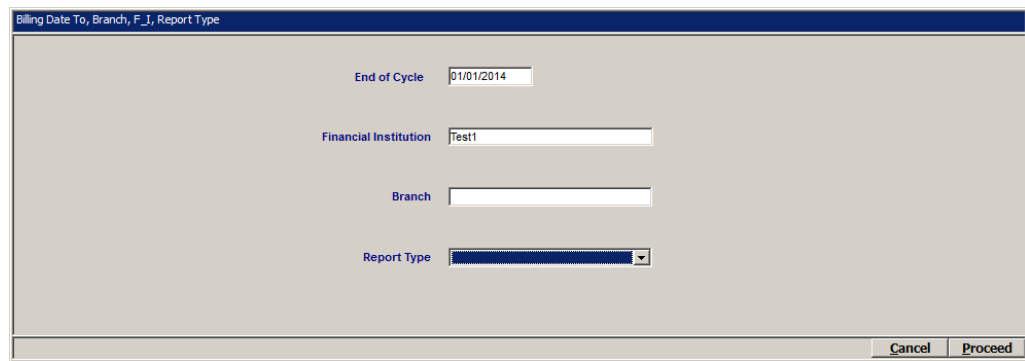


Fig. 4. Form to set parameters for batch statement generation

After clicking the [Proceed] button in the "Billing Date To..." form, Oracle Reports will generate the required statement batch.

Prepared statements are saved as one file in the directory set during system configuration.

Generating Statements for All Financial Institutions

To start batch generation of statements for all financial institutions, select the user menu "Acquiring → Statements → Merchant Batch Statements".

When this command is executed, the "Get report Destination" form will be displayed (see Fig. 5). This form is used to select the method for batch generation of statements.

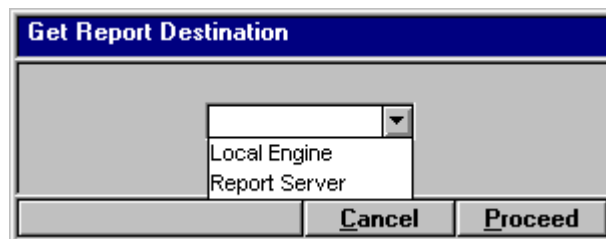


Fig. 5. Form for selecting the method for batch generation of statements

To generate statements on an operator workstation, select the item "Local Engine" in the "Get report Destination" form; to generate statement on a report server, select the "Report Server" item.

After selecting the statement generation method, click [Proceed] in the "Get report Destination" form.

As a result, the "Billing Date To" form will be shown (see Fig. 4 in the section "Generating Statements for a Financial Institution Branch").

In this form's *Date To* field, specify the banking date of closing the billing system for which the statement batch is being created.

Execution of these menu items results in the generation of files containing statements. A separate file is created for each financial institution, branch and report type. Files are located in directories set during system configuration.

Chapter 6. Generating Statements in WAY4 Web

When generating the "Merchant Contract Statement", the "Standing Orders Entry Details" and the "Merchant Standing Orders Details" reports in WAY4 Web, [P_DATE_FROM](#), [P_DATE_TO](#), [P_ZIP_CODE](#), [P_REPTYPE](#), [P_SQL_TRACE](#), and [P_F_I](#) parameter values set through the user interface are transmitted to a report server connection string (the `REPORTS_ENGINE_URL` parameter, for detailed information, see the "Parameters Affecting Report Generation" section of the document "Generating Reports in WAY4").

For example,
`REPORTS_ENGINE_URL=http://ias6.spb.openwaygroup.com/reports/rwservlet?run&authid=rep_admin/rep_admin1&`.

The value of the [P_USE_LOCAL_CONSTANTS](#) parameter is automatically set to "N".

For more information about statement generation in WAY4 Web, see the section ""Statements" Tab" of the document "WAY4™ Merchant Portal".

Chapter 7. Sample Contract Statement

Financial Institution:		Principal	Merchant Contract Statement		Period to 24/09/2014	
Test Company Abbey Road			Office: Contract #: 001-C-809267 Reg #: # 567 001-Corporate Client Account 001-Default Retail Scheme USD Cycle from 24/09/2014 to 24/09/2014			
William Smith						
Currency:	USD	Device:	11223344	SIC:	5310 Discount stores	Cycle:
Device Name:	Test POS1			Posting Date:	17/04/2014	Value Date: 17/04/2014
Transaction Name		Trans Date#Trans.	Transaction Amount		Discount	Account Amount
Retail Reversal: Our POS --> Our VISA Cards USD. Adjustment		17/04/2014 1	-215,00		2,25	-222,75
TOTAL this Posting Date		Number of Trans:	1			
		Transaction Amount:	-215,00			
		Discount:	2,25			
		Account Amount:	-222,75			
Currency:	USD	Device:	11223344	SIC:	5310 Discount stores	Cycle:
Device Name:	Test POS1			Posting Date:	24/09/2014	Value Date: 24/09/2014
Transaction Name		Trans Date#Trans.	Transaction Amount		Discount	Account Amount
Retail: Our POS --> Our VISA Cards USD. Adjustment		17/04/2014 1	215,00		-0,10	9,90
TOTAL this Posting Date		Number of Trans:	1			
		Transaction Amount:	215,00			
		Discount:	-0,10			
		Account Amount:	9,90			

Financial Institution: **Principal** **Merchant Contract Statement** Period to **24/09/2014**
TOTAL for Cycle Number of Trans: **2**
Transaction Amount: **0,00**
Discount: **2,15**
Account Amount: **-212,85**

TOTAL this Device Number of Trans: **2**
Transaction Amount: **0,00**
Discount: **2,15**
Account Amount: **-212,85**

Currency: **USD** Device: **55667788** SIC: **5310 Discount stores** Cycle:
Device Name: **Test POS 2** Posting Date: **18/12/2013** Value Date: **18/12/2013**

Transaction Name	Trans Date	#Trans.	Transaction Amount	Discount	Account Amount
Retail Reversal: Our POS --> Our VISA Cards USD	18/12/2013	1	-325,00	3,25	-321,75
TOTAL this Posting Date					
		Number of Trans:	1		
		Transaction Amount:	-325,00		
		Discount:	3,25		
		Account Amount:	-321,75		

Merchant Contract Statement					
Financial Institution:	Principal	Period to 24/09/2014			
Currency:	USD	Device:	55667788	SIC:	5310 Discount stores
Device Name:	Test POS 2	Posting Date:	24/09/2014	Cycle:	Value Date: 24/09/2014
Transaction Name	Trans Date	#Trans.	Transaction Amount	Discount	Account Amount
Retail: Our POS --> Our VISA Cards USD. Adjustment	18/12/2013	1	315,00	-0,10	9,90
Retail: Our POS --> Our VISA Cards USD	18/12/2013	1	325,00	-3,25	321,75
Retail Reversal: Our POS --> Our VISA Cards USD. Adjustment	18/12/2013	1	-315,00	3,25	-321,75
TOTAL this Posting Date	Number of Trans:		3		
	Transaction Amount:		325,00		
	Discount:		-0,10		
	Account Amount:		9,90		
TOTAL for Cycle	Number of Trans:		4		
	Transaction Amount:		0,00		
	Discount:		3,15		
	Account Amount:		-311,85		
TOTAL this Device	Number of Trans:		4		
	Transaction Amount:		0,00		
	Discount:		3,15		
	Account Amount:		-311,85		
TOTAL this Currency	Number of Trans:		6		
	Transaction Amount:		0,00		
	Discount:		5,30		
	Account Amount:		-524,70		

Chapter 8. Sample Transaction Statement

Financial Institution:		Principal	Merchant Transactions Statement		Period to 24/09/2014	
Test Company			Office:			
Abbey Road			Contract #: 001-C-809267			
			Reg #: # 567			
			001-Corporate Client Account			
William Smith			001-Default Retail Scheme USD			
			Cycle from 24/09/2014 to 24/09/2014			
Currency: USD		Device: 11223344	SIC: 5310 Discount stores	Cycle:		
Trans.Name: Retail: Our POS --> Our VISA Cards. Adjustment		Posting Date: 17/04/2014	Value Date: 17/04/2014			
Trans Date	Transaction details		Transaction Amount	Discount	Account Amount	
17/04/2014	4015***6827 500283 000020020001		-215,00	2,25	-222,75	
TOTAL this Trans.Name		Number of Trans:	1			
		Transaction Amount:	-215,00			
		Discount:	2,25			
		Account Amount:	-222,75			
TOTAL this Posting Date		Number of Trans:	1			
		Transaction Amount:	-215,00			
		Discount:	2,25			
		Account Amount:	-222,75			
Page 1 of 1						

Merchant Transactions Statement			
Financial Institution:	Principal	Period to 24/09/2014	
Currency: USD	Device: 11223344	SIC: 5310 Discount stores	Cycle:
Trans.Name: Retail: Our POS --> Our VISA Cards. Adjustment	Posting Date: 24/09/2014	Value Date: 24/09/2014	
Trans Date	Transaction details	Transaction Amount	Discount
			Account Amount
17/04/2014	4015***6827 500283 000020020001	-215,00	-0,10
			9,90
TOTAL this Trans.Name	Number of Trans:	1	
	Transaction Amount:	-215,00	
	Discount:	-0,10	
	Account Amount:	9,90	
TOTAL this Posting Date	Number of Trans:	1	
	Transaction Amount:	-215,00	
	Discount:	-0,10	
	Account Amount:	9,90	
TOTAL for Cycle	Number of Trans:	2	
	Transaction Amount	-430,00	
	Discount	2,15	
	Account Amount	-212,85	
TOTAL this Device	Number of Trans:	2	
	Transaction Amount:	-430,00	
	Discount:	2,15	
	Account Amount:	-212,85	

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Merchant Transactions Statement			
Financial Institution: Principal		Period to 24/09/2014	
Currency: USD	Device: 55667788	SIC: 5310 Discount stores	Cycle:
Trans.Name: Retail Reversal: Our POS --> Our VISA Cards		Posting Date: 18/12/2013	Value Date: 18/12/2013
Trans Date	Transaction details	Transaction Amount	Discount
18/12/2013	4015***6827 500095 000014850001	-325,00	3,25
TOTAL this Trans.Name		Number of Trans:	1
		Transaction Amount:	-325,00
		Discount:	3,25
		Account Amount:	-321,75
TOTAL this Posting Date		Number of Trans:	1
		Transaction Amount:	-325,00
		Discount:	3,25
		Account Amount:	-321,75

Merchant Transactions Statement				
Financial Institution:	Principal	Period to 24/09/2014		
Currency: USD	Device: 55667788	SIC: 5310 Discount stores	Cycle:	
Trans.Name: Retail: Our POS --> Our VISA Cards	Posting Date: 24/09/2014		Value Date: 24/09/2014	
Trans Date	Transaction details	Transaction Amount	Discount	Account Amount
18/12/2013	4015***6827 500095 000014850001	325,00	-3,25	321,75
TOTAL this Trans.Name		Number of Trans:	1	
		Transaction Amount:	325,00	
		Discount:	-3,25	
		Account Amount:	321,75	
Currency: USD	Device: 55667788	SIC: 5310 Discount stores	Cycle:	
Trans.Name: Retail: Our POS --> Our VISA Cards. Adjustment	Posting Date: 24/09/2014		Value Date: 24/09/2014	
Trans Date	Transaction details	Transaction Amount	Discount	Account Amount
18/12/2013	4015***6827 500095 000014850001	-315,00	3,15	-311,85
TOTAL this Trans.Name		Number of Trans:	1	
		Transaction Amount:	-315,00	
		Discount:	3,15	
		Account Amount:	-311,85	
TOTAL this Posting Date		Number of Trans:	2	
		Transaction Amount:	10,00	
		Discount:	-0,10	
		Account Amount:	9,90	

Financial Institution: Principal		Merchant Transactions Statement		Period to 24/09/2014
TOTAL for Cycle		Number of Trans:	3	
		Transaction Amount	-315,00	
		Discount	3,15	
		Account Amount	-311,85	
TOTAL this Device		Number of Trans:	3	
		Transaction Amount:	-315,00	
		Discount:	3,15	
		Account Amount:	-311,85	
TOTAL this Currency		Number of Trans:	5	
		Transaction Amount:	-745,00	
		Discount:	5,30	
		Account Amount:	-524,70	

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Chapter 9. Payment Statement Samples

OLD Standing Orders Details Statement

Principal

Standing Payment Orders Details

LastName247920 FirstName247920 MiddleName247920
 CompanyName247920
 AddLine1247920
 AddLine2247920
 AddLine3247920

Reg # ACQ_REPORT_REG_NUMBER

Contract # 008-c-323546

Office: Main Office

008-Acq Accounting Commercial

Contract Currency: EUR

From 01/01/2009 to 31/01/2009

Order	Internal Ref #	Date	Currency	Device
42235	SO-000000000000042235	02/01/2009	USD	00000380
Posting Date	Date & Time	Transaction Details	Account Amount	Fee
01/01/2009	01/01/2009 00:00:00	4015-****-****-8450 528091	100,00	-7,50
TOTAL this Device		Account Amount:	100,00	
		Account Fee:	-7,50	
TOTAL this Order		Account Amount:	100,00	
		Account Fee:	-7,50	
		Order Amount:	92,50	
TOTAL this Contract		Number of Transactions:	1	
		Number of Orders:	1	

Standing Orders Entry Details Statement

Merchant Standing Orders

Principal

Branch:	Main Office
Report Type:	Merchant Std Order
Date From:	17/02/2018
Date To:	19/02/2018
Report Created on:	06/03/2018 15:57:52
Printed by:	OWS_SCH
Number of Pages:	3

Principal
Merchant Standing Orders

Test Merchant
Petrodradskaya emb
Building 36 a

Reg # 12765827345
Contract # 001-C-111111
Office: Main Office
001-Acq Accounting Commercial
Contract Currency: USD
From 17/02/2018 to 19/02/2018

Payment

Order	Date	Amount	Device
SO-000000000000070230	19/02/2018	115,97 USD	11119999
Posting Date	Transaction Date & Time	Transaction Details	Transaction Amount
17/02/2018	17/02/2018 00:00:00	4015-****-****-0003	20,00 USD
Entries			
Details		Entry Type	Amount
Retail: Interchange fee		Fee	-0,10 USD
Retail: Retail fee		Fee	-0,40 USD
Base Amount		Base	20,00 USD
17/02/2018 00:00:00	5413-****-****-0009		100,00 USD
Entries			
Details		Entry Type	Amount
Retail: Interchange fee		Fee	-0,60 USD
Retail: Retail fee		Fee	-2,00 USD
Base Amount		Base	100,00 USD
		Fee	-3,33 USD
TOTAL this Device	Amount:	120,00000	USD
	Fee Amount:	-4,03000	USD
TOTAL this Order	Amount:	120,00	USD
	Fee Amount:	-4,03	USD
	Order Amount:	115,97	USD
TOTAL this Order Type	Number of Transactions:	2	
	Number of Orders:	1	

**Principal
Merchant Standing Orders**

Test Merchant
Petrogradskaya emb
Building 36 a


Reg # 12765827345
Contract # 001-C-111111
Office: Main Office
001-Acq Accounting Commercial
Contract Currency: USD
From 17/02/2018 to 19/02/2018

Direct Debit Request

Order	Date	Amount	Device
SO-000000000000070240	19/02/2018	2,4 USD	11119999
Posting Date	Transaction Date & Time	Transaction Details	Transaction Amount
17/02/2018	17/02/2018 00:00:00	4015-****-****-0003	20,00 USD
Entries			
	Details	Entry Type	Amount
	Retail: Interchange fee	Fee	-0,10 USD
	Retail: Retail fee	Fee	-0,40 USD
	Base Amount	Base	20,00 USD
17/02/2018 00:00:00	5413-****-****-0009		100,00 USD
Entries			
	Details	Entry Type	Amount
	Retail: Interchange fee	Fee	-0,60 USD
	Base Amount	Base	100,00 USD
		Fee	-3,33 USD
	Retail: Retail fee	Fee	-2,00 USD
TOTAL this Device	Amount:	0,00000	USD
	Fee Amount:	-2,40000	USD
TOTAL this Order	Amount:	0,00	USD
	Fee Amount:	-2,40	USD
	Order Amount:	2,40	USD
TOTAL this Order Type	Number of Transactions:	2	
	Number of Orders:	1	
TOTAL this Contract	Number of Transactions:	4	
	Number of Orders:	2	

Chapter 10. Statement Generation Parameters

A number of parameters affecting statement generation exist in WAY4. The technology of configuring these parameters is described in the section "Oracle Report Type" of the document "Menu Editor".

 Data entered in modal dialog boxes when generating reports (for example, see Fig. 3 in the section "Merchant Contract Statements"), are put in the LOCAL_CONSTANTS table of the WAY4 database. Some parameters shown in this appendix are used in the same way as data entered in modal dialog boxes. Values specified explicitly when configuring the "Oracle Report" type menu item have higher priority.

For example, if the statement parameter P_DATE_TO is assigned the "2012-12-31" value, WAY4 ignores the date set in any of the "Billing Date to" for example, see Fig. 3 in the section "Merchant Contract Statements"). If the P_DATE_TO parameter is not explicitly specified for the statement, when generating a statement, the value specified in the *Date To* field of the dialog window will be assigned to the P_DATE_TO parameter by WAY4.

Contract Statement Parameters

Contract statement parameters are shown in Table 1

Table 1. Contract statement parameters

Parameter name	Data type	Default value	Description
P_CONNID	Number (18)		Identifier of LOCAL_CONSTANTS table record that must be used to send parameters not explicitly specified when generating a statement.
P_CONTRACT_NUMBER	Character (256)		Number of the contract for which the report is being generated.
P_CONTRACT_ORDER	Character (2048)		Makes it possible to configure contract sorting using the standard SQL expression "order by". Example: P_CONTRACT_ORDER="order by 1,2,3"

Parameter name	Data type	Default value	Description
P_CONTRACT_SPC	Character (256)		<p>Contract relation type. For the contract P_CONTRACT_NUMBER, a search will be made for all contracts to it by the P_CONTRACT_SPC type.</p> <p>If DB Manager is used for report generation, this parameter does not have to be configured.</p> <p>If the report generation procedure is called by an external process, this parameter value may be the code of a same-tier relation type with another contract (Related Cards). The values of codes registered in WAY4 are contained in the Code field of the "Contract relations" form ("Full → Configuration Setup → Accounting Setup → Contract Relations").</p>
P_DATE_FROM	Date		Start date of the period for which the statement is being generated. Specified in the format "YYYY-MM-DD".
P_DATE_TO	Date		End date of the period or the date up to which the report is being generated. Specified in the format "YYYY-MM-DD".
P_DOC_FILTER	Character(2048)		Additional parameter for filtering transactions.
P_ENTRY_FILTER	Character(4000)	<pre>(CASE WHEN entry.service_class IN ('D', 'L', 'U') THEN 'Y' WHEN entry.service_class IN ('T', 'M') or entry.fee_amount != 0 THEN 'N' ELSE cards_reports.is_norm alization(entry.m_trans action__id) END) = 'N'</pre>	WHERE condition fragment added to the SELECT operator for filtering entries (the ENTRY table) that will be shown in the statement. By default, transaction and fee entries will be shown in the statement.
P_F_I	Number (18)		Financial institution identifier.
P_HIDE_EMPTY_CONTRACT	Character (1)	N	<p>This parameter is used for batch generation of statements and may have one of the following values:</p> <p>"N" – a statement will only be generated for contracts with transactions for the specified period.</p> <p>"Y" – a statement will be generated for contracts without a single transaction for the specified period.</p>

Parameter name	Data type	Default value	Description
P_ID	Number (18)		Contract internal identifier (ACNT_CONTRACT table ID field value). This parameter is used for individual generation of statements.
P_INCLUDE_CUSTOM_FEE	Character (1)		This parameter may have one of the following values: "N" – the amount of a custom fee will not be included in the total amount of fees for the transaction. "Y" – the amount of a custom fee will be included in the total amount of fees for the transaction.
P_LANGUAGE	Number (18)		Language identifier from the LANG table. Used in batch generation of statements. All contracts with this language identifier will be included in the report.
P_OWNER	Character (256)		If DB Manager is used to generate statements, this parameter does not have to be configured. If an external process calls the procedure for generating statements, the data owner (OWNER) must be specified as the value of this parameter.
P_PROVIDER	Character (256)		Text in the report's upper header.
P_READONLY	Character (1)	N	This parameter affects registration of statement generation procedures in the Process Log. The parameter may have the following values: "Y" – records of statement generation will not be put in the Process Log. "N" – records of statement generation will be put in the Process Log.
P_REPTYPE	Character (256)		Report type code (Code field of the form "Full → Configuration Setup → Products → Reporting → Report Types "). This parameter is used, for example, to select contracts with a specific report type code in batch generation of statements.
P_SHOW_SEC_TRANS_DATE	Character (1)	N	If this parameter is set to "Y", <i>sec_trans_date</i> is shown as the transaction date; otherwise - <i>e - trans_date</i>
P_SQL_TRACE	Character (1)		This parameter affects how SQL Trace will be set up on the database server and can have the following values: "Y" – SQL Traces are generated. "N" – SQL Traces are not generated.
P_TITLE	Character (256)	"Standing Payment Orders Details"	Report title.

Parameter name	Data type	Default value	Description
P_USER	Character (256)		If DB Manager is used to generate reports, this parameter does not have to be configured. If an external process is used to call the report generation procedure, the name of the user who started the report generation procedure may be specified as the parameter value.
P_ZIP_CODE	Varchar2(32)		Branch code (Code field of the form "Full → Configuration Setup → Main Tables → Branches"). This parameter is used in batch statement generation.

Transaction Statement Parameters

Transaction statement parameters are shown in Table 2.

Table 2. Transaction statement parameters

Parameter name	Data type	Default value	Description
P_ADDRTYPE	Character (40)		Address type according to which an address search is made.
P_CONNID			See P_CONNID
P_CONTRACT_NUMBER			See P_CONTRACT_NUMBER
P_CONTRACT_ORDER	Character (2048)		See P_CONTRACT_ORDER
P_CONTRACT_SPC	Character (256)		See P_CONTRACT_SPC
P_DATE_FROM	Date		See P_DATE_FROM
P_DATE_TO	Date		See P_DATE_TO
P_DOC_FILTER			See P_DOC_FILTER
P_F_I			See P_F_I
P_HIDE_EMPTY_CONTRACT			See P_HIDE_EMPTY_CONTRACT
P_ID			See P_ID

Parameter name	Data type	Default value	Description
P_INCLUDE_CUSTOM_FEE	Character (1)		<p>If P_SHOW_CUSTOM_FEE =Y and P_INCLUDE_CUSTOM_FEE=N, a custom fee will be shown in an additional row in the report.</p> <p>If P_INCLUDE_CUSTOM_FEE=Y, the amount of the custom fee will be included in the total amount of fees for the transaction.</p> <p>By default, the format for showing fees in the report is "<Description of base service>:<FeeCode>:<FeeType>". For a fee to be shown in more detail in a report, fill in the <i>Fee Type</i> field in the corresponding "Custom Fee for..." forms, menu item "Full → Configuration Setup → Products → Service Packs → Source/ Target → [Custom Fee]"</p>
P_LANGUAGE			See P_LANGUAGE
P_OWNER			See P_OWNER
P_PROVIDER			See P_PROVIDER
P_READONLY			See P_READONLY
P_REPTYPE			See P_REPTYPE
P_SHOW_CUSTOM_FEE	Character (1)		<p>This parameter may have the following values:</p> <p>"N" – the custom fee will not be shown in the report.</p> <p>"Y" – the custom fee amount will be shown in the report.</p>
P_SHOW_SEC_TRANS_DATE			See P_SHOW_SEC_TRANS_DATE
P_SQL_TRACE			See P_SQL_TRACE
P_TITLE			See P_TITLE
P_TRANS_DETAILS	Character(2048)		This parameter is used to add transaction details to a report. Variables listed in the section "List of Variables" of the document "Transaction Notifications" can be specified as the parameter value. The document is supplied by separate agreement with the WAY4 system vendor.
P_USER			See P_USER
P_ZIP_CODE			See P_ZIP_CODE

Standing Order Statement Parameters

Payment statement parameters are shown in Table 3.

Table 3. Payment statement parameters

Parameter name	Data type	Default value	Description
P_ADDRLINE1	Character (200)	%ADDR_LINE_1%	Client/contract address data.
P_ADDRLINE2	Character (200)	%ADDR_LINE_2%	Client/contract address data.
P_ADDRLINE3	Character (200)	%ADDR_LINE_3%	Client/contract address data.
P_ADDRTYPE	Character (40)		Address type according to which an address search is made.
P_ADD_TRANS_DETAILS_F MT	Character (2048)		Additional details about a transaction. Variables listed in the section "List of Variables" of the document "Transaction Notifications" can be specified as the parameter value. The document is supplied by separate agreement with the WAY4 system vendor. The field defined on the basis of this parameter is only shown in XML format.
P_CARD_BRAND	Character (4000)		Sets textual substitution, used to determine the card brand.
P_CONNID			See P_CONNID
P_CONTRACT_ADD_INFO	Character (4000)		Additional information about a contract (set of tags). The field calculated on the basis of this parameter is only shown in XML format.
P_CONTRACT_NUMBER			See P_CONTRACT_NUMBER
P_CONTRACT_NUMBER_F MT	Character (255)	%CONTRACT_NUMB ER%	Variables listed in the section "List of Variables" of the document "Configuration of Client Messages" can be specified as the parameter value.
P_CONTRACTS_ORDER	Character (2048)		See P_CONTRACTS_ORDER
P_CONTRACTS_FILTER	Character (4000)	1=1	WHERE clause added to SELECT operator. Used for additional filtering of contracts. The default value means that no additional condition is set for filtering contracts.

Parameter name	Data type	Default value	Description
P_CONTRACT_SPC	Character (256)		See P_CONTRACT_SPC
P_DATE_FROM	Date		See. P_DATE_FROM
P_DATE_TO	Date		See P_DATE_TO
P_DEVICE_ADD_INFO	Character (4000)		Additional information for a device contract. Variables listed in the section "List of Variables" of the document "Configuration of Client Messages" can be specified as the parameter value. The field defined on the basis of this parameter is only shown in XML format.
P_ENTRY_DETAILS	Character (255)	%TRANS_NAME%	Additional information about entries. The parameter lists variables whose values must be included in the statement. For example, %TARIFF_TYPE%, %TARIFF_DOMAIN% и %TARIFF_CODE_EXT%, %SERVICE\$FEE_MIN_AMOUNT%, %SERVICE\$FEE_MAX_AMOUNT%.
P_EVNT_MSG_FILTER_1	Character (4000)	(UA.START_DATE <= PARAMS.STMT_DATE_TO) AND (UA.START_DATE >= PARAMS.STMT_DATE_FROM) AND (UA.END_DATE > PARAMS.STMT_DATE_TO OR UA.END_DATE IS NULL)	Filter of Events to show generated messages.

Parameter name	Data type	Default value	Description
P_EVNT_MSG_FILTER_2	Character (4000)	(UA2.START_DATE <= PARAMS.STMT_DATE_TO) AND (UA2.START_DATE >= PARAMS.STMT_DATE_FROM) AND (UA2.END_DATE > PARAMS.STMT_DATE_TO OR UA2.END_DATE IS NULL)	Filter of Events to show generated messages.
P_F_I	Number (18)		See P_F_I
P_FILTER	Character (4000)		Sets textual substitution used for additional filtering of transactions.
P_FINMESSAGECODE	Character (40)		Code of the message template (or the part from which the code begins) for the Accounting Scheme.
P_FINMESSAGECODE_SP	Character (40)		Code of the message template (or the part from which the code begins) for the Service Package.
P_FOR_ORDER	Character (1)	N	If this parameter is set to "Y", the value of the P_ID parameter is understood to be the document identifier.
P_ID	Number (18)		See P_ID
P_LANGUAGE	Number (20)		See P_LANGUAGE
P_LIAB_TREE	Character (1)	N	If this parameter is set to "Y", the report will show all higher and lower ranked contracts related with the contract specified P_ID according to a "Liability" hierarchy.
P_ORDER_DETAILS_FMT	Character (4000)		Additional information about a payment order. Additional transaction information for the target contract. Variables listed in the section "List of Variables" of the document "Transaction Notifications" can be specified as the parameter value. The document is supplied by separate agreement with the WAY4 system vendor.

Parameter name	Data type	Default value	Description
P_OWNER	Character (256)		See P_OWNER
P_PROVIDER	Character (256)		See P_PROVIDER
P_READONLY	Character (1)	N	See P_READONLY
P_REPTYPE	Character (256)		See P_REPTYPE .
P_SEND_ACCOUNT_CODES	Character (255)		Codes of accounts in which standing payment orders are configured.
P_SHOW_EMPTY_CONTRACTS	Character (1)	N	Used in batch generation of statements to show in a report contracts for which no payment orders were generated during the reporting period. May have the following values: "N" – do not show information about these contracts in the report. "Y" – information about the contract (number, address information, etc.) will be shown in the report.
P_SHOW_SEC_TRANS_DATE	Character (1)	N	See P_SHOW_SEC_TRANS_DATE
P_SOURCE_NUMBER	Character (4000)		Additional transaction information for the source contract. Variables listed in the section "List of Variables" of the document "Transaction Notifications" can be specified as the parameter value. The document is supplied by separate agreement with the WAY4 system vendor. The field calculated on the basis of this parameter is only shown in XML format
P_SQL_TRACE	Character (1)		See P_SQL_TRACE
P_TARGET_NUMBER	Character (4000)		Additional transaction information for the target contract. Variables listed in the section "List of Variables" of the document "Transaction Notifications" can be specified as the parameter value. The document is supplied by separate agreement with the WAY4 system vendor. The field calculated on the basis of this parameter is only shown in XML format.
P_TITLE	Character (256)	"Standing Payment Orders Details"	See P_TITLE

Parameter name	Data type	Default value	Description
P_TRANS_DETAILS_FMT	Character (2048)	%TRANS_RET_REF_NUMBER% %TRANS_TARGET_NUMBER:####-****-****-#####.*#:C% %TRANS_AUTH_CODE%	Additional information about transaction details. Variables listed in the section "List of Variables" of the document "Transaction Notifications" can be specified as the parameter value. The document is supplied by separate agreement with the WAY4 system vendor.
P_TRANS_GROUP_FMT	Character (2048)		Set of tags for generating a transaction group.
P_USE_LOCAL_CONSTANTS	Character (255)	Y	The parameter value is generated automatically when a report is run. If a report is generated with W4W, the parameter value will be "N" – do not use the values of parameters from the LOCAL_CONSTANT table. If a report is generated using DB Manager/WAY4Manager, the parameter value will be "Y" – use values from the LOCAL_CONSTANT table. Established rules should be considered – parameter values set through the user interface (LOCAL_CONSTANT table) have the lowest priority. If parameter values are set in the menu item, values from the LOCAL_CONSTANT table will be ignored.
P_USER	Character (256)		See P_USER
P_ZIP_CODE	Character (6)		See P_ZIP_CODE