

COR Interface
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1. About this Manual

1.1 Introduction

This manual is designed to help understand how currency operations are exported from Oracle FLEXCUBE to COR database.

Besides this User Manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field. This help encapsulates the purpose of each field within a screen. Placing the cursor on the relevant field and striking the <F1> key on the keyboard can obtain information specific to a particular field.

1.2 Audience

This manual is intended for the following User/User Roles:

Role	Function
Back office data entry Clerks	Input functions for maintenance related to the interface
Back office Managers/Officers	Authorization functions

1.3 Acronyms and Abbreviations

Abbreviation	Description
System	Unless and otherwise specified, it shall always refer to Oracle FLEXCUBE system
COR	Currency Operation Register
IF	Interface

1.4 Organization

This manual has the following chapters.




















Chapter 1	<i>About this Manual</i> gives a brief introduction to the manual.
Chapter 2	<i>COR Extraction</i> explains how currency operations are exported from Oracle FLEXCUBE to COR database.

1.4.1 Conventions Used in this Manual

Important information is preceded with the  symbol.

1.5 Glossary of Icons

This User Manual may refer to all or some of the following icons.

Icons	Function
	New
	Copy
	Save
	Delete
	Unlock
	Print
	Close
	Re-open
	Reverse
	Template
	Roll-over
	Hold
	Authorize
	Liquidate
	Exit
	Sign-off
	Help
	Add
	Delete

Refer the Procedures User Manual for further details about the icons.

2. COR Extraction

2.1 Introduction

Oracle FLEXCUBE interfaces with other systems installed at your bank. The bank has electronic database of currency operations called COR (Currency Operation Register). The currency operations are exported from Oracle FLEXCUBE to COR database.

To export the COR, you need to maintain certain basic information in Oracle FLEXCUBE. This includes the following:

- Currency operations should be controllable
- Parties involved in the currency operations should be customers of the bank

The interface between Oracle FLEXCUBE and the external system can be a batch process. This is executed during EOD by providing the start date and the end date. The transactions in the system within a specific date range are considered for COR extraction.

2.2 Maintaining Algorithm for COR extraction

The algorithm for COR extraction is based on the following criteria:

- Logic for transactions in Payments modules, which are subject for MC (based on check boxes COR extraction: i.e. presence of VO code or PS number in the contract, presence of controllable account(s) in the contract, including the situations when controllable account belongs to the counter party in the contract but customer account is not controllable)
- For Principle amount of transactions where MC checks have already been done, COR extraction logic does not need to perform any VO code calculation (excluding charges and commissions).

2.3 Viewing the details of the Interface

The details to be provided for COR extraction are as follows:

No.	Required Fields for the transaction	Type	Description	Optional/Mandatory
1	Type_Code	char (5)	KVO code	Mandatory
2	PS_Num	char (22)	Number of deal passport	Optional
3	Payment_Date	datetime (YYYYM MDD)	The date of operation execution	Mandatory
4	Payment_Direction	int (1)	Payment direction (1-crediting, 2-debeting)	Mandatory
5	Payment_Sum	decimal (20, 2)	Amount of operation	Mandatory
6	Doc_Entry_Date	datetime	Date of payment entry	Optional

No.	Required Fields for the transaction	Type	Description	Optional/ Mandatory
7	Value_Date	datetime	Date of value dating	Optional
8	Payment_Sum_Code	char (1)	Code of amount (amount of operation, fee, interest)	Mandatory
9	Payment_Doc_Num	char (16)	Number of payment document	Optional
10	Account_Num	char (35)	Account number (by FlexCube chart)	Optional
11	Account_CB_Num	char (20)	Number of customer's account, according to CB chart of accounts	Mandatory
12	Payment_Doc_Date	datetime	Date of payment document	Optional
13	ABS_Module	char (7)	Module, where operation was performed	Optional
14	Reference_Num	char (16)	Operation reference	Mandatory
15	Departament_Code	char (3)	Code of subdivision, performed the operation	Optional
16	Input_User	char (15)	User profile, performed the operation	Optional
17	SWIFT_BIC_NBank	char (11)	SWIFT/BIK of beneficiary/payer bank	Optional
18	Name_NBank	varchar (210)	The name of beneficiary/payer bank	Optional
19	Originating_BRC	char (3)	Branch code	Optional
20	Currency_Doc_CBR_Code	char (3)	Currency code (Central Bank of RF format)	Mandatory
21	Currency_Doc_ABS_Code	char (3)	Currency code (ABS) (Currency code in number)	Mandatory
22	NBank_Country_CBR_Code	char (3)	Country code (Central Bank of RF format) of beneficiary/payer bank	Mandatory
23	NBank_Country_ABS_Code	char (3)	Alternate country code of beneficiary/payer bank (ABS format)	Optional
24	Reservation_Num	char (29)	Reservation number	Optional

No.	Required Fields for the transaction	Type	Description	Optional/Mandatory
25	Reservation_Date	datetime	Date of reservation application	Optional
26	Acc_ABS_Type	char (2)	Type of account	Optional
27	Other_Rez_Nerez	char (1)	Type of payment beneficiary/payer (R - resident/N - non-resident)	Optional
28	Payment_contract_Num	char (100)	Payment contract number (for PS operation)	Optional
29	Indicator_f405	char (1)	Indicator for form 405 ('Y' if presented, 'N' if NULL)	Optional

2.4 Handoff Messages

The details of private currency operations are created in fixed width ASCII format. The messages are put in a text file and in turn are stored in an appropriate folder. The file naming convention is as follows:

CCD_OUT_01_xx_yymmdd.dat, where,

CCD_OUT_01 → Private currency operation

xx → Sequence number (in case if there are more then one files of the same type generated on the same day, usually there will be only one value – 01)

yymmdd → Date of file generation in YYYYMMDD format

The format of handoff messages is as follows:

Required Fields for the transaction	Option	Description	Type
Type_Code	Mandatory	currency transaction code (CTC);	char (5)
PS_Num	Mandatory	number of deal passport (DP);	char (22)
Payment_Date	Mandatory	the date of operation execution;	datetime (8) (YYYYMMDD)
Payment_Direction	Optional	Payment purpose (1- crediting, 2- debiting)	int (1)
Payment_Sum	Mandatory	amount of operation (debiting/crediting of account);	decimal (20, 2)
Value_Date	Optional	Date of value dating	datetime (YYYYMMDD)

Required Fields for the transaction	Option	Description	Type
			D)
Payment_Sum_Code	Optional	Code of amount (amount of operation, fee, interest)	char (1)
Doc_Entry_Date	Optional	Date of operation input	datetime (8) (YYYYMMDD)
Payment_Doc_Num	Optional	Number of payment document	char (16)
Account_Num	Optional	Account number (by MIDAS chart)	char (35)
Account_CB_Num	Mandatory	number of customer's account, according to CB chart of accounts;	char (20)
Payment_Doc_Date	Optional	Date of payment document	datetime (8) (YYYYMMDD)
ABS_Module	Optional	Module, in which the operation was performed	char (7)
Reference_Num	Optional	Operation reference	char (16)
Department_Code	Optional	Code of subdivision, performed the operation	char (3)
Input_User	Optional	User profile, performed the operation	char (15)
SWIFT_BIC_NBank	Optional	SWIFT/BIK of bank-partner	char (11)
Name_NBank	Optional	The name of bank-partner	varchar (210)
Originating_BRC	Optional	Branch code	char (3)
Currency_Doc_CBR_Code	Optional	Currency code (CB)	char (3)
Currency_Doc_ABS_Code	Optional	Currency code (ABS) [Currency code in number]	char (3)
NBank_Country_CBR_Code	Mandatory	country code of bank-receiver/ payment sender;	char (3)
NBank_Country_ABS_Code	Optional	alternate country code of bank-receiver/ payment sender (ABS);	char (3)
Reservation_Num	Optional	Number of reservation application	char (29)

Required Fields for the transaction	Option	Description	Type
Reservation_Date	Optional	Date of reservation application	datetime (8) (YYYYMMDD)
Acc_ABS_Type	Optional	Type of account	char (2)
Other_Rez_Nerez	Optional	Type of payment Receiver: resident/non-resident	char (1)
Payment_contract_Num	Optional	Payment contract number (for PS operation)	char (100)
Indicator_f405	Optional	Indicator for form 405 ('Y' if presented, 'N' if NULL)	char (1)



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