

File Layout specification for the financial file type

The layout of the financial type file is the same for Revenue (RV), Market (MS) and City Ledger Files (CL). Specific information to each of these posting types are shown in the footnotes

Below is the description of one financial posting, e.g. Minibar revenue. Each posting will usually have the following lines:

- 1. Control line for this item
- 2. Posting header line
- 3. City Ledger acc. info, (mandatory line, but will be ignored for Guest Ledger postings)
- 4. Value line for the City Ledger acc. (will contain 0.00 value for Guest Ledger postings)
- 5. Data line containing the debit account info
- 6. Value line for the above debit posting
- 7. Data line containing the credit account info
- 8. Value line for the above credit posting
- 9. Tax line with tax account info (Optional)
- 10. Tax value line (Optional)

Financial posting; first line; Control record

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
R/3 table name used internally	10	0	None	"EDI_DC40"
Spaces	3	10	None	Spaces
Unique item identifier (L)	16	13	Exp_create_data.sum_buc ket_get(1)	Must be unique per posting (up to 10 lines: the same number) within one file
Spaces	6	29	None	Spaces
Direction of data flow	1	35	None	"2"
Spaces	3	36	None	Spaces
Type of inbound document	30	39	None	"ACC_BILLING01"
Spaces	30	69	None	Spaces
Logical Message type	30	99	None	"ACC_BILLING"
Spaces	29	129	None	Spaces
Partner type of sender	2	158	None	"LS"
Spaces	2	160	None	Spaces
Partner ID of	10	162	None	"FIDELIO001"

sender				
Spaces	206	172	None	Spaces
System date of data	8	378	dtos(intdate)	YYYYMMDD
Time of export	6	386		HHMMSS
CrLf	2	392	chr(13)+chr(10)	Chr(13)+Chr(10)

Financial posting; line 2; Posting header information record

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACHE01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_get(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
SAP R/3 reference procedure	5	63	None	"CASA"
Unique Record identifier (L)	20	68	1	Record counter, may be the Opera Account number, since this is the same for all lines in this record
Source system name	10	88	None	"FIDELIO001"
Username	12	99		"FIDELIO"+BOF_CODE1 for Hotel ID.
Document header text	25	110	2	fill with whatever info best describes the whole posting (see note Below)
Spaces	20	135	None	Spaces
R/3-company code (L)	4	155	BOF_CODE1	May be the Hotel code, if several hotels are using the same Company code in R/3, this must be the same for those

¹ Unique record identifier:

RV: TRX_CODE:

MS: Market Code

CL: A/R Number

² Document header text:

RV: TRX_CODE+ TRX Description

MS: Market Code+Market Code Description

CL: A/R Number+A/R Account Name

				hotels. This may be translated in the R/3 system to the same company code, if the hotel code is different per hotel (recommended)
Spaces	14	159	None	Spaces
System date of data (4 times)	32	173	TRX_DATE	YYYYMMDDYYYYMMDDYYYYMMDDY YYMMDD; Will fill different dates in R/3, such as doc. Date, posting date etc.
Spaces	2	205	None	Spaces
Document type	2	207	³	See note below
Reference document no. (L)	16	209	⁴	See note below
CrLf	2	225	chr(13)+chr(10)	Chr(13)+Chr(10)

³ Document type:

RV: 'SA'

MS: 'SA'

CL: 'DR'

⁴ Reference Document no.

RV: TRX_DATE + TRX_CODE

MS: TRX_DATE + Market Code

CL: AR Number

Financial posting; line 3; City Ledger account information record

For the CL transfer we may have multiple pairs of 'Line 3' and 'Line 4' (max. 99) each of this pairs representing one folio detail record in Opera. As the 'Item Identifier' (represented in bucket no. 2) is used as part of a condition to decide if the maximum of 99 is reached, bucket no. 2 will be initialized with a value of 1 and will then be increased **after** each 'Line 4'

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACAR01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_get(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
			Exp_create_data .sum_bucket_save(2,1)	Increase line item number (not for CL)
Accounting doc. Line item number (R)	10	63	Exp_create_data .sum_bucket_get(2)	"0000000001" Segment identifier, must be unique within this posting and connects this segment with the value segment (next line)
Customer no. (R)	10	73	⁵	Number of the customer to be active for posting purposes; has to exist in R/3 as a customer account but will actually not be used when revenue postings are done. For Customer invoice postings this is the key information about the customer and the number has to be exchanged manually in advance between the two systems; Field is mandatory for all postings
Spaces	48	83	None	"Spaces"

⁵ Customer no.

RV: Transaction Code Translation -> BOF_CODE

MS: Market Code Translation ->BOF_CODE

CL: A/R Number

System date	8	131	⁶	
Spaces	68	139	None	Spaces
Item text	50	207	⁷	fill with whatever info best describes the whole posting. See note below
CrLf	2	257	chr(13)+chr(10)	Chr(13)+Chr(10)

⁶ System date of data:

RV: TRX_DATE

MS: TRX_DATE

CL: TRX_DATE

⁷ Item text:

RV: TRX_CODE+ TRX Description

MS: MARKET CODE+ Market Code Description

CL for line item number = 99: 'Summary posting, segment ID is >= 99'

Financial posting; line 4; Value line for City Ledger folio details

This line will always be 0 for RV and MS Transfers

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACCR01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_get(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Accounting doc. Line item number (R)	10	63	Exp_create_data .sum_bucket_get(2)	"0000000001" Segment identifier, must be unique within this posting and connects this segment with the above Customer account information.
Spaces	2	73	None	Spaces
Currency code	5	75	None	"GBP"
Spaces	3	80	None	Spaces
Amount (L)	25	83	⁸	Gross value of revenue, Zero in case of a guest ledger posting! This number is only needed when doing City Ledger transfers.
			Exp_create_data .sum_bucket_save(2,1)	Increase line item number (CL only)
			⁹	Increase total of all folio detail records of this city ledger posting (CL only)
CrLf	2	108	chr(13)+chr(10)	Chr(13)+Chr(10)

⁸ Amount

RV: 0

MS: 0

⁹ Increase total of all folio detail records of this city ledger posting

Financial posting; line 5; Guest Ledger Debit Posting description

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACGL01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_get(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
			Exp_create_data .sum_bucket_save(2,1)	Increase line item number (not for CL)
Accounting doc. Line item number (R)	10	63	Exp_create_data .sum_bucket_get(2)	"0000000002" Segment identifier, must be unique within this posting and connects this segment with the value segment.
GL_Account (R)	10	73	¹⁰	"G-Ledger"; Any word of up to ten letters that describes the "Guest Ledger" account in R/3 and is kept the same throughout the whole hotel chain, meaning the same in every Opera install. R/3 will translate this word to the correct R/3-internal account number for the guest ledger account.
Spaces	84	83	None	"Spaces"
Item text	50	167	¹¹	fill with whatever info best describes the whole posting, E.g.: Opera account number + Opera Account text
CrLf	2	217	chr(13)+chr(10)	Chr(13)+Chr(10)

¹⁰ GL_Account:

RV: Transaction Code Translation->BOF_CODE1

MS: Market Code Translation->BOF_CODE1

CL: bof_intf->bof_code5

¹¹ Item text:

RV: TRX_CODE+ TRX Description

MS: Market Code+ Market Code Description

CL: A/R Number+ Guest Name

Financial posting; line 6; Guest Ledger Debit value

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACCR01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_get(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Accounting doc. Line item number (R)	10	63	Exp_create_data .sum_bucket_get(2)	"0000000002" Segment identifier, must be unique within this posting and connects this segment with the above posting information.
Spaces	2	73	None	Spaces
Currency code	5	75	bof_intf-> bof_code6	"GBP"
Spaces	3	80	None	Spaces
Amount (L)	25	83	¹²	Gross value of revenue, absolute value in case of revenue, negative value in case of revenue cancellation
CrLf	2	108	chr(13)+chr(10)	Chr(13)+Chr(10)

¹² Amount:

RV: GROSS_AMOUNT
MS: TOTAL_AMOUNT

Financial posting; line 7; Guest Ledger Credit Posting description

This line is not needed for the CL and MS transfer

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACGL01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_get(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Accounting doc. Line item number (R)	10	63	Exp_create_data .sum_bucket_save(2,1) Exp_create_data .sum_bucket_get(2)	"0000000003" Segment identifier, must be unique within this posting and connects this segment with the value segment.
GL_Account (R)	10	73	¹³	The Opera account number filled with zeroes to the left, e.g. "0000000100" for room revenue or "0000000900" for cash
Spaces	84	83	None	"Spaces"
Item text	50	167	¹⁴	fill with whatever info best describes the whole posting, E.g.: TRX_CODE+TRX_DESC
CrLf	2	217	chr(13)+chr(10)	Chr(13)+Chr(10)

¹³ GL_Account

RV: TRX_CODE

MS: N/A

CL: N/A

¹⁴ Item text:

RV: TRX_CODE+TRX Code Description

MS: N/A

CL: N/A

Financial posting; line 8; Guest Ledger Credit value

This line is not needed for the CL and MS transfer

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACCR01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_get(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Accounting doc. Line item number (R)	10	63	Exp_create_data .sum_bucket_get(2)	"0000000003" Segment identifier, must be unique within this posting and connects this segment with the value segment.
Spaces	2	73	None	Spaces
Currency code	5	75	NONE	"GBP"
Spaces	3	80	None	Spaces
Amount (L)	25	83	¹⁵	Net value of revenue, negative number in case of revenue, positive value in case of revenue cancellation
CrLf	2	108	chr(13)+chr(10)	Chr(13)+Chr(10)

¹⁵ Amount
MS: N/A
CL: N/A

Financial posting; line 9; Guest Ledger Credit Tax Posting description

This line is not needed for the CL and MS transfer. For the RV transfer this line should only be sent if the tax amount is unequal to 0

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACTX01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	bucketget(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Accounting doc. Line item number (R)	10	63	bucketadd(2,1) bucketget(2)	"0000000004" Segment identifier, must be unique within this posting and connects this segment with the value segment.
GL_Account (R)	10	73	NONE	"TAX17"
TAX_CODE	2	83		"A1"
CrLf	2	85	chr(13)+chr(10)	Chr(13)+Chr(10)

Financial posting; line 10; Tax amount

This line is not needed for the CL and MS transfer. For the RV transfer this line should only be sent if the tax amount does NOT equal 0.

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPACCR01"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	Exp_create_data .sum_bucket_ge t(1)	Must be unique per posting (up to 10 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Accounting doc. Line item number (R)	10	63	Exp_create_data .sum_bucket_ge t(2)	"0000000004" Segment identifier, must be unique within this posting and connects this segment with the value segment.
Spaces	2	73	None	Spaces
Currency code	5	75	None	"GBP"
Spaces	3	80	None	Spaces
Amount (L)	25	83	¹⁶	Gross amount minus net amount of revenue; negative number in case of revenue, positive value in case of revenue cancellation
Spaces	11	108		Spaces
Tax base amount (L)	25	119	¹⁷	Net of tax posting amount; The net figure must be used here with the correct sign: for normal revenue postings this will always be the negative net-revenue figure. For negative revenue, the positive net-revenue figure must be used
CrLf	2	144	chr(13)+chr(10)	Chr(13)+Chr(10)

¹⁶ Amount

MS: N/A

CL: N/A

¹⁷ Tax base amount

MS: N/A

CL: N/A

File Layout specification for the statistical file type

Below is the description of one statistical key figure. Each posting will usually have the following lines:

- 1. Control line for this item
- 2. Statistic Header line
- 3. Posting header line
- 4. Line item of statistical key figure posting

Statistical posting; line 1; Control record

Field Contents	Min. Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
R/3 table name used internally	10	0	None	"EDI_DC40"
Spaces	3	10	None	Spaces
Unique item identifier (L)	16	13	EXP_CREATE_DAT A.SUM_BUCKET_S AVE(1,1) EXP_CREATE_DAT A.SUM_BUCKET_G ET(1)	This must be unique within the file for each Control record. Meaning this must be different per stat.-key posting within the file.
Spaces	6	29	None	Spaces
Direction of data flow	1	35	None	"2"
Spaces	3	36	None	Spaces
Type of inbound document	30	39	None	"ACC_STAT_KEY_FIG01"
Spaces	30	69	None	Spaces
Logical Message type	30	99	None	"ACC_STAT_KEY_FIG"
Spaces	29	129	None	Spaces
Partner type of sender	2	158	None	"LS"
Spaces	2	160	None	Spaces
Partner ID of sender	10	162	None	"FIDELIO001"
Spaces	206	172	None	Spaces
Date of file creation	8	378	TRX_DATE	YYYYMMDD
Time of export	6	386	TRX_DATE	HHMMSS
CrLf	2	392	chr(13)+chr(10)	Chr(13)+Chr(10)

Statistical posting; line 2; Statistic Header record

Field Contents	Min. Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment Name	30	0	NONE	"E1ACC_STAT_KEY_FIG"
Spaces	3	30	NONE	None
Unique item identifier (L)	16	13	EXP_CREATE_DAT A.SUM_BUCKET_G ET(1)	This must be unique within the file for each Control record. Meaning this must be different per stat.-key posting within the file. Example: "Hotel-ID, Date and statistical item counter."
Spaces	6	49		None
No. of Higher Level SAP Segment	6	55		"000000"

Statistical posting; line 3; Posting header information record

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPDOCHDRP"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	EXP_CREATE_DAT A.SUM_BUCKET_G ET(1)	Must be unique per posting (up to 3 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Controlling area (R)	4	63	BOF_CODE2	Mandatory R/3 Four character code for identification of the controlling area. Usually the same for all stat-key figures at least per hotel / per R/3 company code
System date of data	16	67	TRX_DATE	
Spaces	3	83	None	Spaces
Document ID	10	86		First 8 characters of incoming file name
Spaces	5	96	None	Spaces
Header text	50	101	¹⁸	Descriptive text of this statistical posting
Username	12	151		"FIDELIO00"
Unique Record identifier (R)	20	163	EXP_CREATE_DAT A.SUM_BUCKET_S AVE(2,1) EXP_CREATE_DAT A.SUM_BUCKET_G ET(2)	Record counter, this must be the same for all lines in this record
SAP R/3 procedure name	5	183	None	"CASA"
Source system name	10	188	None	"FIDELIO001"
CrLf	2	198	chr(13)+chr(10)	Chr(13)+Chr(10)

¹⁸ Header Text

Country, Room Revenue:
Country, F&B Revenue:
Country, Other Revenue:
Country, Rooms Sold:
Country, Sleepers:

Statistical posting; line 4; Line item of statistical key figure posting

Field Contents	Length of Field	Off-set in line	Source field in Opera	Fixed contents / Description / Examples / Notes
Segment name	30	0	None	"E1BPSKFITM"
Spaces	3	30	None	Spaces
Unique item identifier (L)	16	33	EXP_CREATE_DATA.SUM_BUCKET_GET(1)	Must be unique per posting (up to 3 lines the same number) within one file, Same as the value used in the control record of this posting
Spaces	6	49	None	Spaces
Number of higher level SAP segment	6	55	None	"000000"
Spaces	2	61	None	Spaces
Statistical key figure	6	63	19	R/3 code that relates to this statistic
Statistical quantity (L)	17	69	20	Value to be posted with the above statistical code
Spaces	8	86	None	Spaces
Segment text	50	94	21	Fill with whatever best describes this stat. posting
Cost center (L)	10	144	BOF_CODE1	R/3 cost center number
CrLf	2	154	chr(13)+chr(10)	Chr(13)+Chr(10)

¹⁹ Statistical key figure
Country, room revenue:
Country, F&B revenue:
Country, other revenue:
Country, rooms sold:
Country, sleepers:

²⁰ Statistical quantity
Country:

²¹ Segment text
Country, room revenue:
Country, F&B revenue:
Country, other revenue:
Country, rooms sold:
Country, sleepers: