

White Paper

Audit File Layout

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Audit File Layout (AUDREC)

Purpose: Often customers will want to write queries over the Audit file and do not know how the fields are used. Below is a list of all the fields in the Audit (AUDREC) file. A DSPFFD command on AUDREC will allow you to find the position of each field) and a brief description.

The Audit File (AUDREC) is tied to the Inbound or Outbound queues with the following fields:

AFDCBM Batch Sequence Number

AFDCRM Communication Record Number

AFDSTP Segment Start Position.

AFDCBM field in the AUDREC file is the batch sequence number and linked to the following:

Field OQCBSQ in the OUTCTL file

Field QQDBSQ in the OUTDTA file

AFDCRM field in the AUDREC file is the Comm Record Number, and linked to the following:

Field QQDREC in the OUTDTA file

AAFDSTP field in the AUDREC file is the Segment Start Position, and is a calculated value that is determined by the start of the particular display of the Interchange, Group, or Transactions segments (example: a start position for the ST to display just a transaction on the screen).

Key Fields for Audit File (AUDREC)

AFDTYP - Audit Record Type I, G, T, D

AFDIPT - Interchange Partner

AFDIQL - Interchange Partner Qualifier

AFDINB - Interchange Control #

AFDGPT - Group Partner

AFDGQL - Group Partner Qualifier

AFDGNB - Group Control #

AFDTID - Transaction ID

AFDTNB - Transaction Control #

AFDSRS - Send/Receive Status

Field Name	Text Description	
AFDTYP	Audit Record Type	I = Interchange G = Group T = Transaction D = Development (D is required for the FA reconciliation) D also means that this is a directory entry. The directory entries are for internal use only and are required in order for the audit to work. They are used to access the group and the transaction records associated with the interchange.
AFDIPT	Interchange Partner	This is the trading partner that you are trading with.
AFDIQL	Interchange Qualifier	
AFDINB	Interchange Number	
AFDGPT	Group Partner	
AFDGQL	Group Qualifier	
AFDGNB	Group Number	
AFDTID	Transaction ID	
AFDTNB	Transaction Number	
AFDSRS	Send/Receive Status	
AFDDPT	Division Partner	This is the divisional partner. It identifies the resolved partner id for YOUR partner
AFDDQL	Division Qualifier	This is the divisional partner. It identifies the resolved qualifier id for YOUR partner
AFDTIM	Time	
AFDFID	Functional ID	
AFDCDT	Create Date	
AFDCTM	Create Time	
AFDIAC	Interchange Ack Code	
AFDIAD	Interchange Ack Date	
AFDIAT	Interchange Ack Time	
AFDGCD	Group Ack Code	1. The value in this field is taken from the ACK so it depends on what type of ACK's are received and what standards version they are from. 2. If you are using the 997 ACK, this field is populated from the value in the AK9_01.
AFDGAC	Group Accepted	
AFDGAD	Group Ack Date	
AFDGAT	Group Ack Time	
AFDTAC	Transaction Ack Code	1.The value in this field is taken from the ACK so it depends on what type of ACK's are received and what standards version they are from. 2. If you are using the 997 ACK, this field is populated from the value in the AK5_01. The customer may not always get this field populated if the customer does not send the AK5 segment or if he does not generate at the transaction level for the Outbound FA's.
AFDTAD	Transaction Ack Date	
AFDTAT	Transaction Ack Time	
AFDRST	Report Status	This field is changed when the data is reported (Whether the data has appeared on a report or not). The purpose is to help you see anything you might not have seen yet. Some people use this flag when they want to know how many transactions were processed for the run. If they run PRTAUD report at the end of the process run, they can print anything "not reported" and use the totals at the bottom to indicate the total number of transactions. The reported flag is used for printing the audit report and for purging the audit file. You can choose selection based on whether the data has been reported. Once it appears on a report, the flag is turned on as being reported.
AFDOCD	Origin Code	
AFDIDF	ID Field	This is the doc info field; it is populated with the value that is in the element that is setup as the Audit Indicator in the standards. If you are auditing at the transaction level you will see this value displayed when you drill down to the transaction level.

AFDCCT	Character Count	Four different values. I = Interchange, G = Group, T = Transaction and the D = Development. The character count at the interchange level includes the count for the entire interchange. So using the I level type would be all inclusive. The group character count only includes the character count for the Group (GS TO GE) and the transaction count includes the characters in the transaction (ST TO SE). The 'D' record will have the same character count at the 'G' record since the 'D' record is created at the group level. If there is only one transaction in a group, then the group count would only be larger than the transaction count by the size of the GS and GE envelopes. IF there is more than one transaction in a group, the group count would be considerable larger than a single transaction count since it would include the counts for all transactions as well as the GS and GE envelopes. You would need to create a query that would read the physical file AUDREC and query for the value in the field AFDCCT for the 'T' record type.
AFDGIS	Group Included Sets	
AFDGRS	Group Received Sets	
AFDTSC	Trans. Segment Count	
AFDIGC	Interchange Group Count	
AFDBNB	Batch Number	
AFDDIV	Division Code	
AFDDFL	Delete Flag	
AFDCBM	Comm Batch Seq Number	This field is one of three links to the comm queue.
AFDCRM	Comm Record Number	This field is one of three links to the comm queue.
AFDSTP	Segment Start Position	This field is one of three links to the comm queue.
AFDVER	Version	
AFDESP	Element Separator	
AFDSTM	Segment Terminator	
AFDSSP	Segment Separator	
AFDSES	Sub Element Separator	
AFDERN	EDI Release Number	
AFDTRN	Trans. Release Number	This field has nothing to do with ACK's. This field is the release number that is used for Tradacoms and Brokernet versions. It always populates with a '0' for ANSI.
AFDTS1	Tradanet Status 1	
AFDTSO	Tradanet Status OP	
AFDTS2	Tradanet Status 2	
AFDTSZ	Tradanet Size	
AFDRES	Reserved	
AFDUAR	User Area	
AFDTRF	Tradanet Reference	