

ANSI Segment Structure

Header (one structure per invoice)

BOS

ITD

N1 Loop for Operator, Owner and Property)

N3

N4

PER

Detail (one to many structures per invoice)

JIL

PID

JID

PID

Trailer (One structure per invoice)

AMT

TDS

PSA

CTT

Of all the ANSI 819 segments, only those above are mapped into SAP.

Enveloping (ISA, GS, ST, SE, GE, IEA) and communication information are not included.

On the following pages PAI Required also means ANSI or JIBE required.

Mapping

Header Information

BOS Beginning Segment for JIB PAI required

BOS01 Statement Number (613) AN 01/16 PAI Required
 Operator's assigned number.

BOS02 Statement Date (373) DT 08/08 PAI Required
 Last day of the month of the operations that are being reported.

BOS03 Agency Code (559) ID 02/02 PAI Required
 Hardcode to 'AP' for American Petroleum Institute.

BOS04 Statement format code (781) ID 06/06 PAI Required
 Hardcode to '010000'.

BOS05 Transaction Type Code (640) ID 02/02 PAI Required
 Hardcode to 'CA' for cash.

BOS06 Invoice Date (373) DT 08/08 PAI Required
 Date of the invoice.

ITD Terms of Sale Segment PAI Optional

ITD01 Terms Type Code (336) ID 02/02 PAI Optional
 Hardcode to '05' for discount not applicable.

ITD02 Terms Basic Date Code (333) ID 01/02 PAI Optional
 Valid ANSI code identifying the beginning of the term.

ITD07 Terms Net Days (386) AN 01/03 PAI Optional
 Terms Net Days

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819 Joint Interest Billing (ANSI Version 4010)

<u>N1 Name Segment</u>		PAI Required
<u>N101 Entity ID Code (98)</u>	ID 02/02	PAI Required
'OP' = Operator 'OW' = Owner. 'PP' = Property. 'RE' = Remit to (optional).		
<u>N102 Name (93)</u>	AN 01/35	PAI Required
Company name is freeform.		
<u>N103 Identifier Code Qualifier (66)</u>	ID 01/02	PAI Optional
Hardcode to '22' for N101 codes of 'OP' or 'OW'. Hardcode to '91' for N101 code of 'PP'. Hardcode to 'ZZ' for N101 code of 'RE'.		
<u>N104 Identifier Code (67)</u>	ID 02/17	PAI Optional
Your JIBE number for N101 code of 'OP' and 'RE'. Our JIBE number for N101 code of 'OW'. Your property or venture number for N101 code of 'PP'.		
<u>N3 Address Information Segment</u>		PAI Optional
<u>N301 Address (166)</u>	AN 01/35	PAI Optional
<u>N302 Address (166)</u>	AN 01/35	PAI Optional
<u>N4 Geographic Location Segment</u>		PAI Optional
<u>N401 City Name (19)</u>	AN 02/19	PAI Optional
<u>N402 State or Province Code (156)</u>	ID 02/02	PAI Optional
<u>N403 Postal (ZIP) Code (116)</u>	ID 04/09	PAI Optional
<u>PER Administrative Communications Segment</u>		PAI Optional
<u>PER01 Contact function code (366)</u>	ID 02/02	PAI Optional
Hardcode to 'AD' = Accounting department Contact.		
<u>PER02 Name (93)</u>	AN 01/35	PAI Optional
The name.		
<u>PER03 Communications qualifier (365)</u>	ID 02/02	PAI Optional
'TE' = Telephone number.		
<u>PER04 Communication value (364)</u>	AN 07/21	PAI Optional
The Accounting Department's telephone number.		

Detail Information (describing monthly expenses).

<u>JIL Line Item Detail for the Operating expense Statement</u>		PAI Required
<u>JIL01 Product / Service ID Qualifier (235)</u>	ID 02/02	PAI Required
Hardcode to 'CS' for COPAS service code.		
<u>JIL02 Product / Service ID (234)</u>	AN 01/48	PAI Required
JIBE Class and subclass concatenated (e.g. A00001).		
<u>JIB03 Monetary Amount (782)</u>	R 01/18	PAI Required
Gross charge.		
<u>JIB04 Reference Information Qualifier (128)</u>	ID 02/03	PAI Required
'AE' = AFE number,		
'IL' = Internal Order number		
'WN' = well number.		
<u>JIB05 Reference Identification (127)</u>	R 01/30	PAI Required
Appropriate number.		

We do not use JIB06 (Date for cash call information) and JIB07 (Net indicator).

<u>PID Product / Item Description Segment</u>		PAI Optional
<u>PID01 Item description type (349)</u>	ID 01/01	PAI Optional
'F' = Free form text for normal descriptions.		
'X' = Free form text for audit exception information.		
<u>PID03 Agency Code (559)</u>	ID 02/02	PAI Optional
Hardcode to 'AP' for American Petroleum Institute.		
<u>PID04 Product Description (751)</u>	AN 01/12	PAI Optional
'PAPER' = Paper sent by US Mail.		
'OTHER' = Other types of significant adjustments.		
'AUDIT' = Audit adjustments.		
'AFE' = Authorization for expenditure'.		
<u>PID05 Description (352)</u>	AN 01/80	PAI Optional
Text describing equipment activity or charge.		

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This section (JID, PID) would only occur if we exchange equipment information.

<u>JID Equipment Detail</u>		PAI Optional
<u>JID01 Product / Service ID Qualifier (235)</u>	ID 02/02	PAI Optional
Hardcode to 'ZM' for electronic submission or Hardcode to 'CQ' if CEPS codes are used.		
<u>JID02 Product / Service ID (234)</u>	AN 01/48	PAI Optional
Hardcode to 'ZZ' if JID01 = 'ZM' or The CEPS code if JID01 = 'CQ'.		
<u>JID03 Quantity (380)</u>	R 01/15	PAI Optional
Quantity.		
<u>JID04 Unit-of-measure (355)</u>	ID 02/02	PAI Optional
Valid ANSI UOM code.		
<u>JID05 Product / Service Condition Code (286)</u>	ID 02/02	PAI Optional
Valid ANSI condition codes.		
<u>JID06 Monetary Amount (782)</u>	R 01/18	PAI Optional
Gross charge.		
<u>PID Product / Item Description Segment</u>		PAI Optional
PID01 Item description type (349)	ID 01/01	PAI Optional
'F' = Free form text for normal descriptions.		
<u>PID05 Description (352)</u>	AN 01/80	PAI Optional
Text describing equipment work or charge.		

Trailer Information

AMT Monetary Amount

PAI Required

AMT01 Amount qualifier (522) ID 01/02 PAI Required
 '9' = Total operational statement amount

AMT02 Monetary Amount (782) R 01/15 PAI Required
 Total dollar value (sum of the JIL03 amounts).

TDS Transaction Totals

PAI Required

This should contain the total dollar amount of the invoice.

TDS01 Total invoice dollars (361) N2 01/10 PAI Required
 Total dollar amount billed.

PSA Monetary Amount

PAI Required

PSA01 Identification Code qualifier (66) ID 01/02 PAI Required
 '22' = COPAS

PSA02 Identification Code (67) AN 02/80 PAI Optional
 Receiver's (owner's) JIBE number.

PSA03 Owners Share (826) R 01/08 PAI Required
 Owner's decimal ownership (e.g. 0.321 for 32.1 per cent).

PSA04 Monetary Amount (782) R 01/18 PAI Required
 Total net dollar value invoiced (AMT02 * PS03, same as TDS01).

PSA05 Amount Qualifier Code (522) ID 01/03 PAI Optional
 Used only if PSA04 is a direct charge, then hardcode to 'N'.

CTT Transaction Totals

PAI Required

CTT01 Number of Line Items (354) N0 01/06 PAI Required
 Number of line items (number of JIL segments).