

3. Enveloping Parameters

Section IV C-3 contains details for proper layout of electronic data interchange (EDI) envelop parameters are necessary for you to send transmissions to and receive transmissions from DNR-O&G. These parameters detail the information DNR-O&G needs you to provide in order for us to receive your transmissions and send transmissions to you.

Sending transmissions to DNR-O&G:

Use the following information to establish interconnect and enveloping parameters to send transmissions to DNR-O&G:

DNR-O&G VAN: IBM GLOBAL SERVICES
 ISA 07: ZZ
 ISA 08: AKNR AKNR001

 GS 03 ARR185 (Alaska Royalty Report.)

For DNR-DO&G to receive your transmissions, we need the following information from you for each specific data transaction set:

VAN: _____
 ISA 05 _____
 ISA 06 _____
 GS 02 _____

Receiving transmissions from DNR-O&G:

Use the following information to establish interconnect and enveloping parameters for receiving transmissions from DNR-O&G:

DNR-O&G VAN: IBM GLOBAL SERVICES
 ISA 05: ZZ
 ISA 07: AKNR AKNR001

 GS 02 ARR185 (Alaska Royalty Report.) (For DTS 185)

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Alaska Mapping for EDI Envelop Segments					
Segment ID and Reference Number	Element Number	Data Element Name	Attributes	Code Value	Description
Examples					
TO DNR-O&G: ISA*00****ZZ*58967*ZZ*DNR-DO&G*980916*0900*U*00401*898989*1*P* ^					
From DNR-O&G: ISA*00****ZZ*AROR185ZZ*58967*980915*1000*U*7676767*1P* ^					
		INTERCHANGE CONTROL HEADER	M	ISA	ISA Header Code.
01	101	Authorization Information Qualifier	2/2	00	No authorization information sent.
02	102	Authorization Information	10/10	Not Used.	
03	103	Security Information Qualifier	2/2	Not Used	No Security Information (Used for testing.)
04	104	Security Information	10/10	Not Used	
05	105	Interchange ID Qualifier	2/2	ZZ	Mutually Defined
06	106	Interchange Sender ID	15/15	58967	(ID Provided by Sender)
07	107	Interchange ID Qualifier	2/2	ZZ	Mutually Defined
08	108	Interchange Receiver ID	15/15	AKNR AKNR001	Code used for both 'To 'and 'From' deliveries.
09	109	Interchange Date	6/6	980916	Date Transmission sent.
10	110	Interchange Time	4/4	0900	Time Transmission sent.
11	111	Interchange Control Standards ID	1/1	U	U.S. EDI ASC X12
12	112	Interchange Control Version Number	5/5	00401	State Royalty type of transaction.
13	113	Interchange Control Number	9/91/1	898989	(Control number generated by the sender.)

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Alaska Mapping for EDI Envelop Segments					
Segment ID and Reference Number	Element Number	Data Element Name	Attributes	Code Value	Description
14	114	Acknowledgement Requested	1/1	1	Interchange acknowledgment requested.
15	115	Test Indicator	1/1	P	Production Data (Live)
				T	Test Data
16	116	Component Element Separator	1/1		(HEX) 7C
Example:					
GS*RD*ANY185*AROR185*980916*0901*8989*X*004010^					
		FUNCTIONAL GROUP HEADER	M	GS	
01	479	Functional Identifier Code	2/2	RD	Royalty Regulatory Reports (185)
				FA	Functional Acknowledgement (997)
02	142	Application Sender's Code	2/15	ANY185	(Code provided by sender.)
03	124	Application Receiver's Code	2/15	ARR185	Alaska Royalty Report
04	373	Date	8/8	980916	Date Group sent to VAN
05	337	Time	4/8	0901	Time Group sent to Van
06	28	Group Control Number	1/9	8989	(Control Number generated by the sender.)
07	455	Responsible Agency Code	½	X	ASC X12
08	480	Version/Release/Industry ID	1/12	004010	Version of EDI standards used/sent.
	ST	TRANSACTION SET HEADER		ST	DATA PORTION Refer to the mapping examples for

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Alaska Mapping for EDI Envelop Segments					
Segment ID and Reference Number	Element Number	Data Element Name	Attributes	Code Value	Description
01	143	Transaction Set Identifier	3/3	185	the Alaska Royalty Operator, Valuation, or Payment Summary Reports. Those mappings and this section of the envelope make up the 'Date' portion of a transaction. The data contained in a TS 997, or other transaction set would also be entered in this section of the envelope.
02	329	Transaction Set Control Number	4/9	98764	
	BGN	BEGINNING SEGMENT		BGN	
		ET AL.			
	SE	SEGMENT TRAILER		SE	
01	96	Number of Segments	1/10	465	
02	329	Transaction Set Control Number	4/9	98764	
Example					
GE*1*8967^					
	GE	FUNTIONAL GROUP TRAILER		GE	
01	97	Number of Transaction Sets Included	1/6	1	
02	28	Group Control Number	1/9	8967	
Example					
IEA*1*898989^					
	IEA	INTERCHANGE CONTROL TRAILER		IEA	
01	116	Number Of Included Functional Groups	1/5	1	
02	112	Interchange Control Number	9/9	898989	