

Onroad (OR)	Transmittal (TR)			
Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.				
Name	Type and length	NOF different from NIF3.0		
RECORD_TYPE	VARCHAR2(2)			
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)			
ORGANIZATION_NAME	VARCHAR2(80)			
TRANSACTION_TYPE	VARCHAR2(2)			
INVENTORY_YEAR	NUMBER(4)			
INVENTORY_TYPE_CODE	VARCHAR2(10)			
TRANSACTION_CREATION_DATE	VARCHAR2(8)	*		
INCREMENTAL_SUBMISSION_NUMBER	NUMBER(4)			
RELIABILITY_INDICATOR	VARCHAR2(5)	*		
TRANSACTION_COMMENTS	VARCHAR2(80)			
CONTACT_PERSON_NAME	VARCHAR2(70)			
CONTACT_PHONE_NUMBER	VARCHAR2(15)			
TELEPHONE_NUMBER_TYPE_NAME	VARCHAR2(10)			
ELECTRONIC_ADDRESS_TEXT	VARCHAR2(100)			
ELECTRONIC_ADDRESS_TYPE_NAME	VARCHAR2(10)			
SOURCE_TYPE	VARCHAR2(25)			
AFFILIATION_TYPE	VARCHAR2(40)			
FORMAT_VERSION	NUMBER(4,1)			
TRIBAL_CODE	VARCHAR2(3)			
REVISION_DATE	VARCHAR2(8)			
re numbers in NIF3.0 but character in NOF				
ONROAD: not sure how to handle monthly emissions from NMIM. Probably want a separate file that would house monthly vs annual emissions. Any other different start/end dates of emissions (e.g., daily) that would affect our needs?				
don't need any variables from TR that aren't in other tables.				

Onroad (OR)	Emission Period (PE)			
Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.				
Name	Type and length	ascii length	NOF different from NIF3.0	REQUESTED BY MODELERS?
RECORD_TYPE	VARCHAR2(2)			no
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)			yes
SCC	VARCHAR2(10)			yes
START_DATE	VARCHAR2(8)		*	YES
END_DATE	VARCHAR2(8)		*	YES
START_TIME	NUMBER(4)			NO
END_TIME	NUMBER(4)			NO
ACTUAL_THROUGHPUT	NUMBER	10		NO
THROUGHPUT_UNIT_NUMERATOR	VARCHAR2(10)			NO
SUBMITTAL_FLAG	VARCHAR2(4)			NO
TRIBAL_CODE	VARCHAR2(3)			YES
DATA_SOURCE	VARCHAR2(10)			YES
REVISION_DATE	VARCHAR2(8)			NO
* are numbers in NIF3.0 but character in NOF				

Onroad (OR)	Emission (EM)			
Oracle to follow field name, type, and length; ascii all text and follow field positions and lengths.				
Name	Type and length	ascii	NOF d	REQUESTED BY MODELERS?
RECORD_TYPE	VARCHAR2(2)			no
STATE_AND_COUNTY_FIPS_CODE	VARCHAR2(5)			yes
SCC	VARCHAR2(10)			yes
START_DATE	VARCHAR2(8)		*	YES
END_DATE	VARCHAR2(8)		*	YES
START_TIME	NUMBER(4)			NO
END_TIME	NUMBER(4)			NO
POLLUTANT_CODE	VARCHAR2(9)			yes
EMISSION_PROCESS_DESCRIPTION	VARCHAR2(81)			NO
EMISSION_NUMERIC_VALUE	NUMBER	10		YES- but may not need both annual file if there is only annual and monthly emissions contained in NEI
EMISSION_UNIT_NUMERATOR	VARCHAR2(10)			YES- but may not need both annual file if there is only annual and monthly emissions contained in NEI
EMISSION_TYPE	VARCHAR2(2)			? Check values?
EM_RELIABILITY_INDICATOR	VARCHAR2(5)		*	NO
SUBMITTAL_FLAG	VARCHAR2(4)			NO
TRIBAL_CODE	VARCHAR2(3)			yes
DATA_SOURCE	VARCHAR2(10)			YES
EMISSION_TON_VALUE	NUMBER	20		YES ; yes - scientific for all or scientific for less than 1 ton (either way is ok). I don't think this variable makes sense for the nonannual file.
EMISSION_TYPE_PERIOD	VARCHAR2(10)			YES
REVISION_DATE	VARCHAR2(8)			no
CAP_HAP	VARCHAR2(3)			YES
YEAR	VARCHAR2(4)			NO
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