Fuel Tax Electronic Data Interchange (EDI)

MF-360, SF-900, SF-401, and FT-501

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Introduction

EDI, or electronic data interchange, is the exchange of business documents from one entity to another entity in machine-processable, national standard data format. In this case one of the entities is Indiana Department of Revenue (DOR). The other entities are the taxpayers and information providers required to file tax returns and reports, documents, payments, and related material with DOR.

This guide provides the rules, procedures, and technical requirements for the filing via INTIME of motor fuel taxes by Information Providers (DOR licensees and registrants), Electronic Return Originators (ERO) (also known as "Transmitters"), and Software Developers, collectively referred to as Electronic Participants. All areas presented in this guide must be followed for successful filing of motor fuel taxes by Terminal Operators, Suppliers/Distributors, and Transporter of both motor vehicle fuel and diesel fuel.

Software Development

Successful electronic filing requires proper formatting and strict adherence to the guidelines. It is essential that the software developers provide a system that fits the needs of the client, ensures accurate translation of tax filing data, and is easy to use and understand. A key function of software development is the interpretation of the TS-813.

Participating in the EDI Program

Timely Filing

Filing electronically does not alter due dates. DOR Motor Fuel Monthly Tax Returns for Terminal Operators (FT-501) and Suppliers/Distributors (MF-360 and SF-900) are due on the 20th day of the month following the month that activity is being reported. Transporter's Monthly Tax Return (SF-401) is due on the 25th day of the month following the month being reported. In the case of a due date falling on a weekend or holiday, the next business day becomes the due date for the return.

Program Overview

The transaction set used by DOR for the electronic filing of motor fuel tax return and report data is the ANSI ASC X12 "Electronic Filing of Tax Return Data," TS-813. The TS-813 is the foundation for filing tax return and report data electronically.

The electronic filing process requires the use of some type of EDI translation software. Translation software converts tax return data into the specific EDI format required by DOR. Some of the options available in regard to gaining access to translation software are listed below.

- Develop proprietary EDI translation software.

- Purchase EDI translation software that formats the data into DOR-specific EDI format. Companies having already installed EDI translation software are able to utilize the existing translator to create electronic tax filing.
- Purchase PC-based software that computes the required taxes from your input, translates the input into the electronic format for transmission.

Filing through INTIME

DOR's online service portal, INTIME, offers Fuel Tax customers the ability to manage Special Fuel in one convenient location, 24/7. This includes filing returns, making payments, secure messaging with Customer Service, and more.

This guide provides step-by-step instructions, tips specific to Fuel Tax accounts, and serves as an additional resource to the INTIME Guide for Business Customers.

EDI file Testing through INTIME

Testing for INTIME-supported tax types is no longer required. However, you can test your file in INTIME by uploading it and viewing the errors it provides or, if it passes that validation, you will be able to proceed to the next step to submit the file. If you do not wish to submit the file at that time, you can cancel (or hit the back button) before fully submitting. This process is considered "testing" your submission. To see totals, a production file would need to be submitted to your account. If the figures are incorrect, an amended return would need to be submitted to make the corrections.

Submitting Electronic Data Interchange (EDI) Files via INTIME

EDI files for MF-360, SF-900, SF-401 and FT-501 are only available for upload via INTIME. Fuel tax customers can submit returns and schedules of transactions by using one of these methods:

• Manually type in return and schedule of transaction information by selecting "File now" in the corresponding account listed on the "Summary" (tab) page.

Step 1. Summary tab
Step 2. Locate "File now"
Step 3. Follow the prompts
Step 4. Once the return is manually keyed, a summary will appear to confirm that the file is ready for submission. Ensure all information is correct, then select "Submit."

• Submit Electronic Data Interchange (EDI) files containing return and transaction information.

Step 1. From the "All Actions" tab, locate "Payments & returns" and select "Upload EDI files."
Step 2. Attach and upload your EDI file (up to 10 MB).

Once the EDI file is uploaded, a summary will appear to confirm that the file is ready for submission. Ensure all information is correct, then select "Submit."

Note: If there is an error in the EDI file, a pop-up alert with information identifying the issue will appear.

Amending Returns via INTIME

Transmitters no longer need to notify DOR prior to submitting an amended return. The file contains a flag that indicates whether the return is an amendment or an original. Transmitters should indicate that the submission is an amendment by using the values shown in Table 9 of this guide. Submit the new EDI file with the amended value and it will replace the previously accepted return.

The following steps outline how to amend returns through INTIME.

Step 1. Log in to INTIME.
Step 2. Go to the "Summary" (tab) page and locate the tax account.
Step 3. Click on the hyperlink "View all returns and periods."
Step 4. Click on the "View or Amend Return" hyperlink next to the tax period you want to amend.

Once the request has been submitted, the return will post and the information will be updated within 24-48 hours.

Note: DOR does not correct Trading Partner Reports. The trading partner must make all corrections and transmit the amended file using the appropriate BTI13 or BTI14 value.

Important Tips

- Report whole gallons. Decimal points are not valid in gallon fields.
- Report both dollars and cents. Do not round monetary amounts. Report to the nearest cent.
- The manifest is required to contain the point of delivery state. If a load of fuel is diverted from its original destination, the new state information segment for that load of fuel is required.
- Failure to file timely will result in penalty and interest as described in Indiana Motor Fuel Tax Code. Tax Form instructions also contain information on penalty.
- When filing Terminal Operator Reports, the Internal Revenue Service terminal codes (Terminal Control Number (TCN)) must be used. There is an IRS terminal code for every terminal in the United States. See codes from the IRS. You may also contact Special Tax/Fuel Tax Section.
- Make certain that the tax return information is correct and complete before filing EDI. The information on the front of the Motor Fuel Return must be supported by information found on the schedules.
- Bill of Lading numbers or manifest numbers are required on schedules.
- To be considered a valid return, the transmission must be in the stipulated format when received by DOR.
- Schedule and product codes filed must be approved for use with Indiana. The schedule codes accepted by Indiana are found in Appendix A of this guide. Indiana accepts all product

codes sanctioned by the FTA. See codes in Appendix B. Only these codes are valid for filing an Indiana Tax Return. See the notes provided with the schedule codes for requirement information.

EDI Mapping Requirements & Structure

DOR will follow the ANSI ASC X12 813 Electronic Filing of Tax Returns transaction set – as defined in Version 004030. This section will provide the information needed to understand and use the EDI maps provided for the Electronic Filing of Indiana Motor Fuel Tax.

Transaction Set 813 is used for the reporting of Motor Fuel Tax Return Data. This includes the main body of the tax return as well as the necessary schedules. The **TS-813** is made up of components called **Segments**; likewise, each segment is made up of components called **Elements**. Each segment is assigned a **Position Number** within the transaction set that indicates the order the segment belongs. Segments can either be **Required**, **Optional**, or **Conditional** in use. When segments are grouped in a specified order based on standards and business requirements; this grouping is called an EDI Map. These maps provided instructions for the users that indicate what type of information is contained within the segments of the map and if a given segment is required, optional, or conditional.

Each EDI Map begins with the **Interchange Control Header** also known as an **Outer Envelope**. This envelope is used to establish the **Trading Partner** information, sender, and receiver, as well as EDI standards of the electronic file. The envelope information is used to verify that the tax information is properly directed and formatted to DOR's specifications. This segment, **Interchange Control Header**, is also known as the **ISA** beginning outer envelope segment. Included in the Interchange Control Header are the date, time the ISA was created, and electronic file standard used to create the ISA envelope. The ISA segment is paired with an end envelope segment called the **Interchange Control Trailer**, also known as the **IEA** ending outer envelope segment. The IEA segment closes the filing of all tax return data. There is only one **ISA** and one **IEA** in an EDI X12 file. The **ISA** is the first segment in a file and the **IEA** is the last segment in the file. A map is provided for the Interchange Header and Trailer later in this section.

Following the Interchange Control Header is a **Functional Group Header**. This segment is also known as the **GS** beginning middle envelope segment. This segment is used to route the information contained in the middle envelope to the appropriate work unit within the receiving organization. Included in the Functional Group Header are the date, time the GS was created, and electronic file standard used to create the GS middle envelope. Similar to the outer envelope, the GS beginning middle envelope also has a corresponding **Functional Group Trailer** also known as the **GE** ending middle envelope segment. The GS/GE segment pairs are used to separate groups of transaction sets from one another i.e., motor fuel transaction sets from sales tax transaction sets. The GS/GE segments are analyzed by the receiver's translator, which then routes the contained information to the appropriate backend tax application. Similar to the ISA/IEA segments, the GS/GE segments are the first and last segment that proceed and follow a single or group of transaction sets. Every EDI X12 file must contain one GS/GE segment pair, which contains at least one TS-813 transaction set. A map is provided for the Functional Header and Trailer later in this section.

After the **Functional Group Header**, there is a **Transaction Set Header**. This segment is also known as the **ST** beginning inner envelope segment. The ST segment is first segment at the beginning of the actual tax filing. Other segments provide information such as General Contact Person, EDI Contact Person, and additional location and mailing addresses. Like the ISA/IEA and GS/GE segment pairs, the ST is paired with the **Transaction Set Trailer** or more commonly known as the SE segment. The ST/SE segments also function as envelops identifying the start and end of a tax filing.

Tax filing should be made up of one ST/SE pair contained within one GS/GE pair, which are contained within only one ISA/IEA pair. See example flow below for clarification.

ISA – Interchange Control Header
GS – Functional Group Header
ST – Transaction Set Header
…
TFS – Motor Fuel Tax Data – Terminal Operator
…
TFS - Motor Fuel Tax Data – Gas
…
TFS – Motor Fuel Tax Data – Special Fuel
…
SE – Transaction Set Trailer
GE – Functional Group Trailer
IEA – Interchange Control Trailer

At this point, each document has a specific **Transaction Set** that guides the reporting of the information found on the paper tax form. DOR Tax Forms FT-501 (Terminal Operator Report or TOR) and SF-401 (Transporter/Common Carrier or CCR) each have a unique map. DOR Tax Forms MF-360 and SF-900 share a map since they are both Supplier Distributor (SDR) Returns. MF-360 reports Gasoline Tax and Oil Inspections Fees. SF-900 reports Special Fuel Tax and oil inspection fee. For EDI purposes, both reports and their corresponding schedules can be sent as one "SDR" TFS Loop. The product codes and schedule codes indicate for which tax return the data is being sent.

Within the tax filing data, there are **loops** used in repetition when certain values change. Specific information regarding the criteria for repeating a specific **loop** is included with each map.

After the main body of the tax return data is completed, there may be **Schedule** information. There is a single map provided for the reporting of schedule information that adapts to the various schedules that may be filed with a return. For example, SF-401 (Transporter or Common Carrier Report) has schedules for Deliveries and for Diversion Corrections that are filed for various types of motor fuel products. MF-360 and SF-900 share common schedules for Receipts and Disbursements.

Each schedule is identified by the schedule codes. The schedule codes used by DOR to report tax information are listed and defined in Appendix A of this Guide.

Specific characters must be used to separate portions of the electronic file. The ones to be used in Indiana Motor Fuel Tax filings are found in Tables 1 and 2 below.

Attribute Conventions

Table 1: List of Attribute Conventions from ANSI ASC X12

Attribute	Definition	
Data Element Type	Nn – Numeric	Numeric type data element is symbolized by the two-position representation (Nn). N indicates a numeric, and n indicates the decimal places to the right of a fixed, implied decimal point. N0 (N Zero) is a numeric with no decimal places.
	R – Decimal (Real)	The decimal point is optional for integer values but is required for fractional values. For negative values, the leading minus (-) sign is used. Absence of this sign indicates a positive value. The plus (+) sign should not be transmitted.
	ID – Identifier	An identifier data element must always contain a value from a predefined list of values that is maintained by ASC X12 or by other bodies that are recognized by ASC X12.
	AN – String	A string (Alphanumeric) is a sequence of any characters from the basic or extended character sets. It must contain at least one non-space character. The significant characters must be left justified. Leading spaces, if any, are assumed to be significant. Trailing spaces should be suppressed.
	DT – Date	Format for the date type is CCYYMMDD. CC is the century digits of the year (ex. 19, 20). YY is the last two digits of the year (00-99), MM is the numeric value of the month (01-12), and DD for the day (01-31).
	TM – Time	Format for the time type is HHMMSS, expressed in 24-hour clock format. HH is the numeric value for hour (00-23), MM for minute (00-59), and SS for second (00-59).
Requirement Designator	Defines how the data element is used in a segment.	
	M – Mandatory	This element is required to appear in the segment.
	O – Optional	The appearance of this data element is at the option of the sending party or is based on a mutual agreement of the interchange parties.
	X – Relational	Relational conditions may exist between two or more data elements. If one is present the other/s is required. The relational condition is displayed under the Syntax Noted of the X12 Standards.
Data Element Length	x / x – Minimum and Maximum lengths	The number of character positions assigned to a data element. Example: Data element length of 2/10. You must have at least 2 characters but no more than 10 characters for this element (minimum of 2/ maximum of 10).
Semantic Note Designator	Z – Designator	A data element within a segment may have a designator (Z) that indicates the existence of a semantic note. Semantic notes are considered part of the standard. If a condition designator and a semantic note both affect a single data element, the condition will appear first, separated from the semantic note designator by a vertical bar (|). The number 00 to the left of the comment identifies semantic notes that are general in nature.

EDI Requirements

Table 2: Separator Requirements

Type	ASCII Value	EBCDIC Value	Character	Character Name
Repetition Separator	7C	4F	|	Pipe
Segment Terminator	5C	E0	\	Back Slash
Element Separator	7E	A1	~	Tilde
Sub-element Separator	5E	5F	^	Caret
Padding Character	20	40	Space	Space

To demonstrate the usage of these characters, they appear in the examples that are included in this guide.

X12 – Transaction Set 813 (TS813)

813 Electronic Filing of Tax Return Data

FUNCTIONAL GROUP= **TF**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Electronic Filing of Tax Return Data Transaction Set (813) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by tax filers to electronically file tax returns with a federal, state, or local taxing authority and which may initiate payments related to the tax return.

Table 1

NOTE	POS.NO.	SEG.ID	NAME	REQ.DES.	MAX USE	LOOP REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	BTI	Beginning Tax Information	M	1	
	0300	DTM	Date/Time Reference	M	10	
N	0400	TIA	Tax Information and Amount	O	1000	
	0430	REF	Reference Identification	O	10	
	0450	TRN	Trace	O	1000	
	0470	BPR	Beginning Segment for Payment Order/Remittance Advice	O	1000	
			LOOP ID - N1			>1
N	0500	N1	Name	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	IN2	Individual Name Structure Components	O	10	
	0800	N3	Address Information	O	2	
	0900	N4	Geographic Location	O	1	
	1000	PER	Administrative Communications Contact	O	2	

Table 2

NOTE	POS.NO.	SEG.ID	NAME	REQ.DES.	MAX USE	LOOP REPEAT
			LOOP ID - TFS			100000
	0100	TFS	Tax Form	O	1	
	0200	REF	Reference Identification	O	10	
	0300	DTM	Date/Time Reference	O	10	
	0400	MSG	Message Text	O	1000	
			LOOP ID - N1			>1
N	0500	N1	Name	O	1	
	0600	N2	Additional Name Information	O	2	
	0700	IN2	Individual Name Structure Components	O	10	
	0800	N3	Address Information	O	2	
	0900	N4	Geographic Location	O	1	
			LOOP ID - TIA			10000
N	0920	TIA	Tax Information and Amount	O	1	
	0940	DTM	Date/Time Reference	O	10	
	0960	MSG	Message Text	O	1000	
			LOOP ID - FGS			100000
	1000	FGS	Form Group	O	1	
	1100	REF	Reference Identification	O	10	
	1200	DTM	Date/Time Reference	O	10	
			LOOP ID - N1			>1
N	1300	N1	Name	O	1	

	1400	N2	Additional Name Information	O	2	
	1500	IN2	Individual Name Structure Components	O	10	
	1600	N3	Address Information	O	2	
	1700	N4	Geographic Location	O	1	
			LOOP ID - TIA			10000
N	1800	TIA	Tax Information and Amount	O	1	
	1900	DTM	Date/Time Reference	O	10	
	2000	MSG	Message Text	O	1000	

Table 3

NOTE	POS.NO.	SEG.ID	NAME	REQ.DES.	MAX USE	LOOP REPEAT
	0100	SE	Transaction Set Trailer	M	1	

Changes loop repeat value in table/positions 1/0500, 2/0500 and 2/1300.	6	205299

NOTES

1/0400 The TIA segment allows for tax information and amounts associated with the entire filing. At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.

1/0500 This N1 loop reflects names and addresses associated with the entire filing.

2/0500 This N1 loop reflects names and addresses associated with a particular tax form (TFS).

2/0920 At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.

2/1300 This N1 loop reflects names and addresses associated with a particular subset of a tax form.

2/1800 At least one occurrence of the TIA segment must be present in the transaction set, either in Table 1 or Table 2.

[1]

[1] Data Interchange Standards Association, Inc. (DISA)

X12– TS813 Motor Fuels Structure Terminal Operator Overview

Key:	
Not Used by Indiana	~~Segments not used by Indiana that are part of the Standard FTA Map~~

Table 3: Header Beginning Information Terminal Operator Overview

TS813 - Table1		
Pos No	Uniform 813 Map	Header
0100	ST	Transaction Set Header
0200	BTI	Identify Tax Agency Information
0300	DTM	Tax Filing Period
0400	TIA	Version of Taxing Authority's Implementation Guide
0400	TIA	Confidential Information
0400	TIA	Total Net Reported
0430	REF	Sequence Error ID Number
0500	N1	Taxpayer Name Detail
0600	N2	Additional Taxpayer Name Detail
0800	N3	Address Detail
0900	N4	City, State, Zip Code Detail
1000	PER	General Contact Person
1000	PER	EDI Contact Person
0500	N1	Mailing Name Detail
0600	N2	Additional Mailing Name Detail
0800	N3	Mailing Address Detail
0900	N4	Mailing City State Zip Code Detail

TS813 - Table 2			
Pos No	Uniform 813 Map	TOR - FT-501	SCH
0100	TFS	Terminal Operator Report	Schedules
0200	REF	Relationship to the Transaction	Relationship to the Transaction
~~0200~~	~~REF~~	~~Sequence Error ID Number~~	~~Sequence Error ID Number~~
~~0200~~	~~REF~~	~~No Activity~~	
0300	DTM	Ending Inventory Date	
0500	N1		Point of Origin
0500	N1		Seller Information
0500	N1		Position Holder Information
0500	N1		Person Hiring Carrier (Consignor)
0500	N1		Carrier Information
0500	N1		Buyer/Consignee Information
0500	N1		Point of Destination
0920	TIA		
1000	FGS	Physical Inventory by Product	Bill of Lading
~~1100~~	~~REF~~	~~Sequence Error ID Number~~	~~Sequence Error ID Number~~
1200	DTM		Bill of Lading Date
1800	TIA	Physical Inventory	Bill of Lading Net
1800	TIA		Bill of Lading Gross
1800	TIA		Bill of Lading Billed

TS813 - Table 3		
Pos No	Uniform 813 Map	Trailer
0100	SE	Transaction Set Trailer

X12 – TS813 Motor Fuels Structure Supplier/Distributor Overview

Key:	
Not Used by Indiana	~~Segments not used by Indiana that are part of the Standard FTA Map~~

Table 4: Tax Form Information Supplier/Distributor Overview

TS813 - Table1		
Pos No	Uniform 813 Map	Header
0100	ST	Transaction Set Header
0200	BTI	Identify Tax Agency Information
0300	DTM	Tax Filing Period
0400	TIA	Version of Taxing Authority's Implementation Guide
0400	TIA	Confidential Information
0400	TIA	Total Net Reported
~~0430~~	~~REF~~	~~Sequence Error ID Number~~
0500	N1	Taxpayer Name Detail
0600	N2	Additional Taxpayer Name Detail
0800	N3	Address Detail
0900	N4	City, State, Zip Code Detail
1000	PER	General Contact Person
1000	PER	EDI Contact Person
0500	N1	Mailing Name Detail
0600	N2	Additional Mailing Name Detail
0800	N3	Mailing Address Detail
0900	N4	Mailing City State Zip Code Detail

TS-813 - Table 2					
Pos No	Uniform 813 Map	SDR - MF- 60	SDR - SF-900	SUM	SCH
0100	TFS	Supplier/Distributor Report	Supplier/Distributor Report	Summary Information	Schedules
0200	REF	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction
0200	REF	Sequence Error ID Number	Sequence Error ID Number	Sequence Error ID Number	Sequence Error ID Number
0200	REF	No Activity	No Activity		
0300	DTM	Ending Inventory Date	Ending Inventory Date		
0500	N1				Point of Origin
0500	N1				Seller Information
0500	N1				Position Holder Information
0500	N1				Person Hiring Carrier (Consignor)
0500	N1				Carrier Information
0500	N1				Buyer/Consignee Information
0500	N1				Point of Destination
0920	TIA	Total Due	Total Due		
1000	FGS	Physical Inventory by Product	Physical Inventory by Product	Summary Data	Bill of Lading
~~1100~~	~~REF~~	~~Sequence Error ID Number~~	~~Sequence Error ID Number~~	~~Sequence Error ID Number~~	~~Sequence Error ID Number~~

1200	DTM				Bill of Lading Date
1800	TIA	Physical Inventory	Physical Inventory	Tax Information	Bill of Lading Net
1800	TIA			Interest	Bill of Lading Gross
1800	TIA			Penalty	Bill of Lading Billed

TS-813 - Table 3		
Pos No	Uniform 813 Map	Trailer
0100	SE	Transaction Set Trailer

X12 – TS813 Motor Fuels Structure Transporter Overview

Key:	
Not Used by Indiana	~~Segments not used by Indiana that are part of the Standard FTA Map~~

Table 5: Tax Form Information Transporter Overview

TS813 - Table1		
Pos No	Uniform 813 Map	Header
0100	ST	Transaction Set Header
0200	BTI	Identify Tax Agency Information
0300	DTM	Tax Filing Period
0400	TIA	Version of Taxing Authority's Implementation Guide
0400	TIA	Confidential Information
0400	TIA	Total Net Reported
~~0430~~	~~REF~~	~~Sequence Error ID Number~~
0500	N1	Taxpayer Name Detail
0600	N2	Additional Taxpayer Name Detail
0800	N3	Address Detail
0900	N4	City, State, Zip Code Detail
1000	PER	General Contact Person
1000	PER	EDI Contact Person
0500	N1	Mailing Name Detail
0600	N2	Additional Mailing Name Detail
0800	N3	Mailing Address Detail
0900	N4	Mailing City State Zip Code Detail

TS813 - Table 2			
Pos No	Uniform 813 Map	CCR - SF-401	SCH
0100	TFS	Common Carrier Report	Schedules
0200	REF	Relationship to the Transaction	Relationship to the Transaction
~~0200~~	~~REF~~	~~Sequence Error ID Number~~	~~Sequence Error ID Number~~
~~0200~~	~~REF~~	~~No Activity~~	
0300	DTM		
0500	N1		Point of Origin
0500	N1		Seller Information
0500	N1		Position Holder Information
0500	N1		Person Hiring Carrier (Consignor)
0500	N1		Carrier Information
0500	N1		Buyer/Consignee Information
0500	N1		Point of Destination
0920	TIA	Total Delivered	
1000	FGS		Bill of Lading
~~1100~~	~~REF~~		~~Sequence Error ID Number~~
1200	DTM		Bill of Lading Date
1800	TIA		Bill of Lading Net
1800	TIA		Bill of Lading Gross
1800	TIA		Bill of Lading Billed

TS-813 - Table 3		
Pos No	Uniform 813 Map	Trailer
0100	SE	Transaction Set Trailer

X12 – TS813 Motor Fuels Structure Combined Filing Overview

Table 6: Tax Form Information Combined Filing Overview

TS813 - Table1		
Pos No	Uniform 813 Map	Header
0100	ST	Transaction Set Header
0200	BTI	Identify Tax Agency Information
0300	DTM	Tax Filing Period
0400	TIA	Version of Taxing Authority's Implementation Guide
~~0400~~	~~TIA~~	~~Confidential Information~~
0400	TIA	Total Net Reported
0430	REF	Sequence Error ID Number
0500	N1	Taxpayer Name Detail
0600	N2	Additional Taxpayer Name Detail
0800	N3	Address Detail
0900	N4	City, State, Zip Code Detail
1000	PER	General Contact Person
1000	PER	EDI Contact Person
0500	N1	Mailing Name Detail
0600	N2	Additional Mailing Name Detail
0800	N3	Mailing Address Detail
0900	N4	Mailing City State Zip Code Detail

TS813 - Table 2						
Pos No	Uniform 813 Map	TOR - FT-501	SDR - MF-360/SF-900	CCR - SF-401	SUM	SCH
0100	TFS	Terminal Operator Report	Supplier/Distributor Report	Common Carrier Report	Summary Information	Schedules
0200	REF	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction	Relationship to the Transaction
0200	REF	Sequence Error ID Number	Sequence Error ID Number	Sequence Error ID Number	Sequence Error ID Number	Sequence Error ID Number
0200	REF	No Activity	No Activity	No Activity		
0300	DTM	Ending Inventory Date	Ending Inventory Date			
0500	N1					Point of Origin
0500	N1					Seller Information
0500	N1					Position Holder Information
0500	N1					Person Hiring Carrier (Consignor)
0500	N1					Carrier Information
0500	N1					Buyer/Consignee Information
0500	N1					Point of Destination
0920	TIA		Total Due	Total Delivered		

1000	FGS	Physical Inventory by Product	Physical Inventory by Product		Summary Data	Bill of Lading
1100	REF	Sequence Error ID Number	Sequence Error ID Number		Sequence Error ID Number	Sequence Error ID Number
1200	DTM					Bill of Lading Date
1800	TIA	Physical Inventory	Physical Inventory		Tax Information	Bill of Lading Net
1800	TIA				Interest	Bill of Lading Gross
1800	TIA				Penalty	Bill of Lading Billed

ANSI Interchange Description Beginning

Table 7: Interchange Control Header

Interchange Control Header Segment							**(Required)**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
ISA01	101	M	Authorization Information Qualifier	ID	2	2	“03” = Additional Data Identification
ISA02	102	M	Authorization Information	AN	10	10	Enter a 10-character value
ISA03	103	M	Security Information Qualifier	ID	2	2	“01” = Password
ISA04	104	M	Security Information	AN	10	10	Enter a 10-character value. See example below.
ISA05	105	M	Interchange ID Qualifier	ID	2	2	“32” = the Interchange Sender ID Qualifier for the sender’s FEIN
ISA06	106	M	Interchange Sender ID	AN	15	15	Sender’s FEIN plus 6 spaces example: [xxxxxxxxx]
ISA07	105	M	Interchange ID Qualifier	ID	2	2	“01” = DUNS
ISA08	107	M	Interchange Receiver ID	AN	15	15	“824799308 ” = DOR DUNS number plus 6 trailing spaces. The spaces are required.
ISA09	108	M	Interchange Date	DT	6	6	"YYMMDD" = Date of Interchange
ISA10	109	M	Interchange Time	TM	4	4	"HHMM" = Time of Interchange
ISA11	165	M	Repetition Separator		1	1	Use "|"
ISA12	111	M	Interchange Control Version Number	ID	5	5	"00403" = ASC X12
ISA13	112	M	Interchange Control Number	N0	9	9	Filer defined unique control number for this filing. This control number can never be less than the last one used. This number must also be entered in IEA02.
ISA14	113	M	Acknowledgment Requested	ID	1	1	"0" = No ISA Acknowledgment "1" = ISA Acknowledgment Required
ISA15	114	M	Usage Indicator	ID	1	1	"P" = Production "T" = Test
ISA16	115	M	Component Sub-Element Separator		1	1	Use "^" (Caret) for the sub-element separator. The EBCDIC value is 5F HEX. The ASCII value is 5E HEX.
Example: ISA~03~Y455M44X12~01~INEFMFFILE~32~987654321 ~01~824799308 ~020131~ 0931~|~00403~000001001~0~T~^\							
SYNTAX NOTES: ISA05 Value 32 (FEIN Qualifier) is required. ISA06 Sender FEIN is required.							
ISA09 does not include the century based on the ANSI ASC X.12 Standard.							

ANSI Functional Group Description Beginning

Table 8: Functional Group Header

Functional Group Header Segment							**(Required)**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
GS01	479	M	Functional Identifier Code	ID	2	2	"TF" = Electronic Filing of Tax Return Data (813)
GS02	142	M	Application Sender's Code	AN	2	15	Sender's 9-digit FEIN (9-digit federal id number with no trailing spaces)
GS03	124	M	Receiver's Code	AN	2	15	"824799308050" = DOR DUNS Number plus 050 for Motor Fuel Section.
GS04	373	M/Z	Date	DT	8	8	"CCYYMMDD" = Date
GS05	337	M/Z	Time	TM	4	8	"HHMMSSDD" = Time
GS06	28	M/Z	Group Control Number	N0	1	9	Filer defined unique control number for this filing. This control number can never be less than the last one used. This number must also be entered in GE02
GS07	455	M	Responsible Agency Code	ID	1	2	"X" = ASC X12
GS08	480		Version/Release/ Industry ID Code	AN	1	12	"004030" = ASC X12 procedures (10/99)
Example: GS~TF~COMPANYROUTING ~824799308050~20010630~0931~1101~X~004030\							
SYNTAX NOTES: None							

813 Transaction Set Description Beginning

Table 9: Transaction Set Header

Transaction Set Header Segment							**(Required)**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
ST01	143	M	Trans. Set Code	ID	3	3	Transaction Set Type "813"
ST02	329	M	Transaction Set Control Number	AN	4	9	Filer defined unique control number for this filing. This control number can never be less than the last one used. This number must also be entered in SE02.
Example: ST~813~12345\							
SYNTAX NOTES: None							

Identify Tax Agency Information **Begin Tax Information Segment**							**(Required)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
BTI01	128	M	Ref. No. Qualifier	ID	2	2	"T6" = Defines as Tax Filing
BTI02	127	M	Reference Number	AN	3	3	"050" = All Fuel Tax Filings
BTI03	66	M	ID Code Qualifier	ID	2	2	"47" = Tax Authority
BTI04	67	M	ID Code	AN	2	20	"INDOR050"=IN Dept Rev Fuel Tax
BTI05	373	O	Trans. Create Date	DT	8	8	"CCYYMMDD" = Transmission Date
BTI06	818	O	Name Control ID	AN	4	4	First four positions of company name
BTI07	66	X	ID Code Qualifier	ID	2	2	"24"=FEIN "34"=SSN
BTI08	67	X	ID Code	AN	9	9	Taxpayer's FEIN or SSN
BTI09	66	X	ID Code Qualifier	ID	2	2	"49"=State assigned ID No.
BTI10	67	X	ID Code	AN	2	20	License or Permit Number (TID – ten-digit Indiana Taxpayer ID number)
BTI11 and BTI12 are Not Used							
BTI13	353	O	Transaction Set Purpose Code	ID	2	2	"00" = Original "05" = Replace "15" = Resubmission
BTI14	640	O	Transaction Type Code	ID	2	2	"6R" = Resubmission "6S" = Supplemental "CO" = Corrected
Original example: BTI~T6~050~47~INDOR050~20020630~SUPP~24~987654321~49~1234567890~~~00\ Amended example: BTI~T6~050~47~INDOR050~20020630~SUPP~24~987654321~49~1234567890~~~~CO\							
SYNTAX NOTES: 07 P0708 - If either BTI07 or BTI08 is present, then the other is required. 09 P0910 - If either BTI09 or BTI10 is present, then the other is required. 11 P1112 - If either BTI11 or BTI12 is present, then the other is required.							
BTI07 must be the FEIN if the taxpayer has one. Submit an SSN only for sole proprietorships that have not been issued a FEIN.							
The application of BTI13 and BTI14 are as follows: BTI13 should be used when the taxpayer transmits its initial return or report (BTI13 should be used without BTI14); BTI14 should be used when the taxpayer transmits modifications to the return or report (BTI14 should be used without BTI13).							

Element	Application
BTI13 [Initial Return]	
“00” = Original	Use “Original” when you first attempt to transmit your return to DOR, whether or not DOR receives your return.
~~“05” = Replace~~	~~Use “Replace” when first attempt of transmitted return had corrupted data. You may replace a filing only after receiving approval from DOR.~~
~~“15” = Resubmission~~	~~Use “Resubmission” when DOR did not receive the first transmission attempt of your return or report.~~
BTI14 [Amended Return]	
“CO” = Corrected	Use “Corrected” when adjusting or correcting original or amended return.
~~“6R” = Resubmission~~	~~Use “Resubmission” when first attempt to transmit amended return was not received by DOR.~~
~~“6S” = Supplemental~~	~~Use “Supplemental” when transmitting new or additional data not included in original or amended return.~~

Tax Filing Period **(Required)**
Date/Time Reference Segment **Pos. No. 0300**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
DTM01	374	M	Time/Date Qualifier	ID	3	3	"194" = Tax Period End Date "683" = Filing Period
DTM02	373	X	Date	DT	8	8	"CCYYMMDD"=Tax Filing Per. End
DTM03 and DTM04 are not used.							
DTM05	1250	X	Per. Format Qualifier	ID	3	3	"RD8" = Range of Dates
DTM06	1251	X	Date Time Period	AN	17	17	"CCYYMMDD–CCYYMMDD" = Tax Filing Period Beginning and Ending Dates
Example: DTM~194~20020531\							
SYNTAX NOTES: 02 R020305 - At least one of DTM02 or DTM05 is required. 05 P0506 - If either DTM05 or DTM06 is present, then the other is required.							
If qualifier “194” is used in DTM01, then DTM02 is required.							
If qualifier “683” is used in DTM01, DTM05 and DTM06 are required.							

Version of Taxing Authority's Implementation Guide **(Required)**
Tax Information and Amount Segment **Pos. No. 0400**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
TIA01	817	M	Tax Info Code	AN	4	4	"5000"=Version of Implement Guide
TIA02 is not used.							
TIA03	449	X	Fixed Format Info	AN	1	5	"1.0" = Version of DOR’s Electronic Filing Guide
Example: TIA~5000~~1.0\							
SYNTAX NOTES: 02 R0203040607 - TIA03 is required.							
This segment will help the receiver of the data determine if the sender is using an old guide or the most current guide for the data transmission.							

~~**Confidential Data**~~							~~**(Optional)**~~
~~**Tax Information and Amount Segment**~~							~~**Pos. No. 0400**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length~~		~~Field Description~~
					~~Min~~	~~Max~~	
~~TIA01~~	~~817~~	~~M~~	~~Tax Info Code~~	~~AN~~	~~4~~	~~4~~	~~Not Used ("5010"=Confidential Info)~~
TIA02 is not used.							
TIA03	449	X	Fixed Format Info	~~AN~~	~~4~~	~~15~~	~~Not Used (User defined)~~
This segment is used only between the states and the IRS							

Total Net Reported							**(Required)**
Tax Information and Amount Segment							**Pos. No. 0400**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
TIA01	817	M	Tax Info Code	AN	4	4	"5001" = Total Net Reported
TIA02 and TIA03 are not used.							
TIA04	380	X	Quantity	R	1	15	Total Net Gallons in Tax Filing
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Example: TIA~5001~~~7940294~GA\							
SYNTAX NOTES: 01 R0203040607 - TIA04 is required. 04 Enter the Total Number of Gallons in the reporting, rounded to the nearest whole gallon. 04 Compute the gallons for this check value as follows: Transporter Report – Add the total net gallons from Schedules 1A, 2A and 3A to Total Net Transported gallons reported in the CCR section. Terminal Operator Report – Add the total net gallons from the various Receipt and Disbursement Schedule to Ending Inventory gallons reported in the TOR section. Supplier Returns – Add the total net gallons from the various Receipt and Disbursement detail schedules. 05 C0504 - If TIA05 is present, then TIA04 is required.							
Even though the total gallons in the tax filing can be calculated, it must be provided as a control figure to verify that the amount calculated by the Tax Authority is the same as what the information provider calculated.							

Sequence Error ID Number							**(Required)**
Reference Number Segment							**Pos. No. 0430**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
~~REF01~~	~~128~~	~~M~~	~~Ref. ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~06 = Sequence Error ID Number~~
~~REF02~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~1~~	~~7~~	~~Sequence Error ID Number~~

Motor Fuel Tax Payment **(Optional)**
Beginning Segment for Payment Order/Remittance Advice Segment **Pos. No 0470**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
BPR01	305	M	Transaction Handling Code	ID	1	2	Transaction Handling Code "S" = Single Debit Authorization
BPR02	782	M/Z	Monetary Amount	R	1	18	Authorized Payment Amount
BPR03	478	M	Credit/Debit Flag Code	ID	1	1	"D" = Debit
BPR04	591	M	Payment Method Code	ID	3	3	"ACH" = Automated Clearing House
BPR05	812	O	Payment Format Code	ID	1	10	"CCD" = Cash Concentration / Disbursement + Addenda CCD+ACH
BPR06	506	X/Z	(DFI) ID Number Qualifier	ID	2	2	"01" = ABA Transit Routing Number Including Check Digits (9 Digits)
BPR07	507	X/Z	(DFI) Identification Number	AN	3	12	When BPR03 is debit, this field will contain ABA Routing Transit No of Department's Bank. 813 uses "999"
BPR08	569	O/Z	Account Number Qualifier	AN	1	3	"03" = Checking Account "SG" = Savings Account
BPR09	508	X/Z	Account Number	AN	1	35	State's Bank Acct. No. for debits Taxpayer's Bank Acct. No. for credits
BPR10	509	O	Originating Co. ID	AN	10	10	Zero Fill
BPR11	510	O	Orig Co Suppl Code	AN	9	9	Not used
BPR12	506	X/Z	(DFI) ID Number Qualifier	ID	2	2	"01" = ABA Transit Routing Number Including Check Digits (9 Digits)
BPR13	507	X	(DFI) ID Number	AN	3	12	"999" for 813
BPR14	569	O/Z	Acct. No. Qualifier	ID	1	3	"03" = Checking "SG" = Savings
BPR15	508	X/Z	Account Number	AN	1	35	Account Number (Opposite of BPR09)
BPR16	373	O/Z	Funds Transfer Effective Date	DT	8	8	Funds Transfer Effective Date "CCYYMMDD"
BPR17	1048	O/Z	Bus. Function Code	ID	1	3	"TAX" = Tax Payment

Example: BPR~S~452100~D~ACH~~~~~~01~999~03~61552225~20020214~TAX

SYNTAX NOTES:

06 P0607 – If either BPR06 or BPR07 is present, then the other is required.
08 C0809 – If BPR08 is present, then bPR09 is required.
12 P1213 – If either BPR12 or BPR13 is present, then the other is required.
14 C1415 – If BPR14 is present, then BPR15 is required.
18 P1819 – If either BPR18 or BPR19 is present, then the other is required.
20 C2021 – If BPR20 is present, then BPR21 is required.

[2]

Name Detail **Name Segment**							**(Required)** **Pos. No. 050**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
N101	98	M	Entity ID Code	ID	2	2	"TP" = Primary Taxpayer
N102	93	O	Name	AN	1	35	Taxpayer Name
Example: N1~TP~Supplier Oil Company\							
SYNTAX NOTES: 02 R0203 - N102 is required.							

Additional Taxpayer Name Detail **Additional Name Segment**							**(Optional)** **Pos. No. 0600**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
N201	93	M	Name	AN	1	35	Taxpayer Name
N202	93	O	Name	AN	1	35	Taxpayer Name
Example: N2~A Company\ or N2~Alpha Company~Alpha Great Lake Terminal\							
SYNTAX NOTES: None							
N201 and N202: Use these elements to provide additional name detail such as a DBA, etc.							

Address Detail **Address Information Segment**							**Pos. No. 0800**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
N301	166	M	Address Info	AN	1	35	First Line Street Address
N302	166	O	Address Info	AN	1	35	Second Line Street Address
Example: N3~48 Washington St\ or N3~48 Washington St~120 Trinity St\							
SYNTAX NOTES: None							

[3]

City, State, Zip Code, Country Detail **Location Geographic Segment**							**Pos. No. 0900**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
N401	19	O	City Name	AN	2	30	Name of City
N402	156	O	State Code/Province	ID	2	2	State or Province Abbreviation
N403	116	O	Postal (Zip) Code	ID	3	11	ZIP Code or Foreign Postal Code
N404	26	O	Country	ID	2	2	Country (United States = US)

[2] Data Interchange Standards Association, Inc. (DISA)

[3] Data Interchange Standards Association, Inc. (DISA)

Example: N4~Any Town~CA~25421-5555~US\
SYNTAX NOTES: 02 E0207 - Only one of N402 or N407 may be present.

General Contact Person **(Required)**
Administrative Communications Contact Segment **Pos. No. 1000**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
PER01	366	M	Contact Funct. Code	ID	2	2	"CN" = General Contact
PER02	93	O	Name	AN	1	35	Contact Name
PER03	365	X	Communications Number Qualifier	ID	2	2	"TE" = Telephone Number
PER04	364	X	Communications No	AN	10	14	Voice Telephone Number
PER05	365	X	Communications Number Qualifier	ID	2	2	"FX" = FAX Telephone Number
PER06	364	X	Communications No	AN	10	10	FAX Telephone Number
PER07	365	X	Communications Number Qualifier	ID	2	2	"EM" = Electronic Mail
PER08	364	X	Communications No	AN	1	80	E-mail Address

Example: PER~CN~Jon J. Doe~TE~31755599991234~FX~3175559990~EM~jjdoe@abcterminal.com\

SYNTAX NOTES:
03 P0304 - If either PER03 or PER04 is present, then the other is required.
05 P0506 - If either PER05 or PER06 is present, then the other is required.
07 P0708 - If either PER07 or PER08 is present, then the other is required.

EDI Contact Person **(Required)**
Administrative Communications Contact Segment **Pos. No. 1000**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
PER01	366	M	Contact Funct. Code	ID	2	2	"EA" = EDI Coordinator
PER02	93	O	Name	AN	1	35	Contact Name
PER03	365	X	Communications Number Qualifier	ID	2	2	"TE" = Telephone Number
PER04	364	X	Communications No	AN	10	14	Voice Telephone Number
PER05	365	X	Communications Number Qualifier	ID	2	2	"FX" = FAX Number
PER06	365	X	Communications No	AN	10	10	FAX Telephone Number
PER07	365	X	Communications Number Qualifier	ID	2	2	"EM" = Electronic Mail
PER08	364	X	Communications No	AN	1	80	E-Mail Address

Example: PER~EA~Bob T. Doe~TE~31755599991235~FX~3175559990~EM~btdoe@abcterminal.com\

SYNTAX NOTES:
03 P0304 - If either PER03 or PER04 is present, then the other is required.
05 P0506 - If either PER05 or PER06 is present, then the other is required.
07 P0708 - If either PER07 or PER08 is present, then the other is required.

The following segments are required if the mailing address is different than the physical address.

Mailing Name Detail
Name Segment **Pos. No. 0500**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"31" = Postal Mailing
N102	93	X	Name	AN	1	35	Mailing Name
Example: N1~31~Supplier Oil Company\							
SYNTAX NOTES: 02 R0203 - N102 is required.							

Mailing Additional Name Detail
Additional Name Segment **Pos. No. 0600**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
N201	93	M	Name	AN	1	35	Mailing Name
N202	93	O	Name	AN	1	35	Mailing Name
Example: N2~A Company\ or N2~Alpha Company~Alpha GreatLake Terminal\							
SYNTAX NOTES: None							
N201 and N202: Use these elements to provide additional name detail such as a DBA, etc.							

Mailing Address Detail
Address Information Segment **Pos. No. 0800**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
N301	166	M	Address Info	AN	1	35	First Line Street Address
N302	166	O	Address Info	AN	1	35	Second Line Street Address
Example: N3~48 Washington St\ or N3~48 Washington St~120 Trinity St\							
SYNTAX NOTES: None							

Mailing City, State, Zip Code, Country Detail
Location Geographic Segment **Pos. No. 0900**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
N401	19	O	City Name	AN	2	30	Name of City
N402	156	O	State Code/Province	ID	2	2	State or Province Abbreviation
N403	116	O	Postal (Zip) Code	ID	3	11	ZIP Code or Foreign Postal Code
N404	26	O	Country	ID	2	2	Country (United States = US)
Example: N4~Any Town~CA~25421-5555~US\							
SYNTAX NOTES: 02 E0207 - Only one of N402 or N407 may be present.							

813 Map Terminal Operator Report (TOR- FT-501)

This TFS loop reports information for the Terminal Operator Report. Details associated with this report are located in the schedule loops.

Repeat the FGS loop for each product reported, thereby reporting inventory by product codes.

Table 10: Terminal Operator Report

Beginning of Terminal Operator Report **Tax Form Segment**							**(Required)** **Pos. No. 0100**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
TFS01	128	M	Ref ID Qualifier	ID	2	2	"T2" = Tax Form Code
TFS02	127	M	Reference ID	AN	1	30	Use "TOR"
TFS03 and TFS04 are not used.							
TFS05	66	X	ID Code Qualifier	ID	2	2	"TC" = IRS Terminal Code
TFS06	67	X	ID Code	AN	9	9	IRS Terminal Control Number (TCN)
Example: TFS~T2~TOR~~~TC~T35444444\							
SYNTAX NOTES:							
05 P0506 – If either TFS05 or TFS06 is present, then the other is required.							

Relationship to the Transaction Information **Reference Segment**							**(Required)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
REF01	128	M	Ref ID Qualifier	ID	2	2	"SU" = Special Processing
REF02	128	X	Reference ID	AN	3	3	Use "N/A" ("IRS" not used by IN)
REF03 Not Used							
~~REF04~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	Not Used by IN
~~REF05~~	~~127~~	~~M~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	Not Used by IN
~~REF06~~	~~128~~	~~X~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	Not Used by IN
~~REF07~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	Not Used by IN
Example: REF~SU~N/A\							
SYNTAX NOTES: 02 R0203 – REF02 is required.							
REF02, REF05, and REF07 represent the taxing authority and its relationship to the information in this TFS loop. REF05 – REF07 use the sub-element separator. Example: REF~SU~N/A~~S0^CA^S0^NV\							

~~**Sequence Error ID Number**~~ ~~**Reference Number Segment**~~							~~**(Required)**~~ ~~**Pos. No. 0200**~~
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
REF01	128	M	Ref ID Qualifier	ID	2	2	06 = Sequence Error ID Number
REF02	127	X	Reference ID	AN	1	7	Sequence Error ID Number

Condition 1 – If account has no activity, this segment is no longer required. Do not use BE.

No Activity **Reference Number Segment**							**(Conditional)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
REF01	128	M	Entity ID Code	ID	2	2	"BE" = Business Activity
REF02	127	X	Name	AN	1	1	"1" = No Activity
Example: REF~BE~1\							
SYNTAX NOTES: 02 R0203 – REF02 is required.							

Condition 2 – If account has activity, the DTM and FGS segments are required. The Condition 1 REF is not used. This FGS loop contains inventory information. The FGS loop is repeated when the Product Code value changes.

Ending Inventory Date **Date/Time Reference Segment**							**(Conditional)** **Pos. No. 0300**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
DTM01	374	M	Date/Time Qualifier	ID	3	3	"184" = Inventory Date
DTM02	373	X	Date	DT	8	8	"CCYYMMDD"
Example: DTM~184~20020214\							
SYNTAX NOTES: 02 R020305 – DTM02 is required.							

Physical Inventory by Product **Form Group Segment**							**(Conditional)** **Pos. No. 1000**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
FGS01	350	M	Assigned ID	AN	2	2	"BI" = Beginning Inventory
FGS02	128	X	Ref ID Qualifier	ID	2	2	"PG" = Product Group
FGS03	127	X	Reference ID	AN	3	3	Product Code (Appendix B)
Example: FGS~BI~PG~065\							
SYNTAX NOTES: 02 P0203 – If either FGS02 or FGS03 is present, then the other is required.							

Inventory **Tax Information and Amount Segment**							**(Required)** **Pos. No. 1800**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
TIA01	817	M	Tax Info ID Number	AN	4	4	"5002" = Net Physical Inventory
TIA02 and TIA03 are not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Physical Inventory is the only value passed. All other information is derived from schedules.							
Example: TIA~5002~~~3500000~GA\							
SYNTAX NOTES: 02 R0203040607 – TIA04 is required.							

04	Enter Ending Net Physical Inventory rounded to the nearest whole gallon.
05	C0504 – If TIA04 is present, then TIA05 is required.

Physical Inventory by Product **(Required)**
Form Group Segment **Pos. No. 1000**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
FGS01	350	M	Assigned ID	AN	2	2	"EI" = Ending Inventory
FGS02	128	X	Ref ID Qualifier	ID	2	2	"PG" = Product Group
FGS03	127	X	Reference ID	AN	3	3	Product Code (Appendix B)
Example: FGS~EI~PG~065\							
SYNTAX NOTES: 02 P0203 – If either FGS02 or FGS03 is present, then the other is required.							

Inventory **(Required)**
Tax Information and Amount Segment **Pos. No. 1800**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
TIA01	817	M	Tax Info ID Number	AN	4	4	"5002" = Net Physical Inventory
TIA02 and TIA03 are not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Physical Inventory is the only value passed. All other information is derived from schedules.							
Example: TIA~5002~~~3500000~GA\							
SYNTAX NOTES: 02 R0203040607 – TIA04 is required. 04 Enter Ending Net Physical Inventory rounded to the nearest whole gallon. 05 C0504 – If TIA04 is present, then TIA05 is required.							
End of FGS loop (Line-item detail) End of TFS loop (TOR – FT-501 detail)							

Sample File Code for FT-501

Ending Inventory and Beginning Inventory should be sent in pairs as shown (BI and EI per product code).

The order of the BI and EI groupings is not important, but for every BI product code, there must be a matching EI product code as well.

Sample file code for FT-501:

```
...
TFS~T2~TOR~~~TC~T35IN3209\
REF~SU~N/A\
DTM~184~20080731\
FGS~BI~PG~065\ ← BI indicator and product code
TIA~5002~~~20361649~GA\ ← TIA segment with gallons included
FGS~BI~PG~167\
TIA~5002~~~7333422~GA\
FGS~BI~PG~130\
TIA~5002~~~7400008~GA\
FGS~EI~PG~065\ ← Ending Inventory for product code
TIA~5002~~~19064085~GA\ ← TIA segment with gallons included
FGS~EI~PG~130\
TIA~5002~~~3978597~GA\
FGS~EI~PG~167\
TIA~5002~~~5313375~GA\...
```

813 Map Supplier/Distributor (SDR – MF-360/SF-900)

This TFS loop reports information for the Supplier/Distributor Fuel Tax Report. Details associated with this report are in the schedule loops.

Table 11: Supplier/Distributor Report

Beginning of Supplier/Distributor Report Detail **Tax Form Segment**							**(Required)** **Pos. No. 0100**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
TFS01	128	M	Ref ID Qualifier	ID	2	2	"T2" = Tax Form Code
TFS02	127	M	Reference ID	AN	1	6	"SDR" = Supplier/Distributor
Example: TFS~T2~SDR\							
SYNTAX NOTES: None							
Due to the business requirement of having separate gas and special fuel it is necessary to split the SDR into two returns.							

Relationship to the Transaction Information **Reference Segment**							**(Required)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
REF01	128	M	Ref ID Qualifier	ID	2	2	"SU" = Special Processing
REF02	128	X	Reference ID	AN	3	3	Use "N/A" ("IRS" not used by IN)
~~REF03 is not used.~~							
~~REF04~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	Not Used by IN
~~REF05~~	~~127~~	~~M~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	Not Used by IN
~~REF06~~	~~128~~	~~X~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	Not Used by IN
~~REF07~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	Not Used by IN
Example: REF~SU~N/A\							
SYNTAX NOTES: 02 R0203 – REF02 is required.							
REF02, REF05 and REF07 represent the taxing authority and its relationship to the information in this TFS loop. REF05 – REF07 use the sub-element separator. Example: REF~SU~N/A~~S0^CA^S0^NV\							

~~**Sequence Error ID Number**~~ ~~**Reference Segment**~~							~~**(Required)**~~ ~~**Pos. No. 0200**~~
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
REF01	128	M	Ref ID Qualifier	ID	2	2	06 = Sequence Error ID Number
REF02	127	X	Reference ID	AN	1	7	Sequence Error ID Number

Condition 1 – If account has no activity, this segment is no longer required.

~~DTM and FGS are not used.~~

~~**No Activity**~~							~~**(Conditional)**~~
~~**Reference Number Segment**~~							~~**Pos. No. 0200**~~
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
REF01	128	M	Entity ID Code	ID	2	2	"BE" = Business Activity
REF02	127	X	Name	AN	1	1	"1" = No Activity
Example: REF~BE~1\							
SYNTAX NOTES: 02 R0203 – REF02 is required.							

Condition 2 – If account has activity, DTM and TIA Loops are required. Condition 1 REF is not used.

Period Ending Date							**(Conditional)**
Date/Time Reference Segment							**Pos. No. 0300**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
DTM01	374	M	Date/Time Qualifier	ID	3	3	"194" = Filing Period End Date
DTM02	373	X	Date/Time Qualifier	DT	8	8	Period End Date (CCYYMMDD)
Example: DTM~194~20020331\							
SYNTAX NOTES: 02 R020305 – At least one of the DTM02, DTM03 or DTM05 is required. 04 C0403 – If DTM04 is present, then DTM03 is required. 05 P0506 – If either DTM05 or DTM06 is present, then the other is required.							

Total Due							**(Conditional)**
Tax Information and Amount Segment							**Pos. No. 0920**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
TIA01	817	M	Tax Info ID Number	AN	4	4	"5003" = Total Due in Dollars
TIA02	782	X	Monetary Amount	R	1	15	Dollar Amount
TIA03 is not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Example: TIA~5003~2889~~15426~GA\							
SYNTAX NOTES: 02 R0203040607 – TIA02 is required. 02 Total Due is the sum of total tax owed for the period, plus applicable interest and penalties, in whole dollars.							

Indiana does not report Inventory information on MF-360 nor on SF-900, so the next three segments are not used.

~~**Report By Product Group**~~							~~**(Conditional)**~~
~~**Form Group Segment**~~							~~**Pos. No. 1000**~~
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
FGS01	350	M	Assigned ID	AN	2	2	"BI" = Beginning Inventory "EI" = Ending Inventory
FGS02	128	X	Ref ID Qualifier	ID	2	2	"PG" = Product Group
FGS03	127	X	Reference ID	AN	2	3	Product Code (Appendix C)

~~**Sequence Error ID Number**~~							~~**(Required)**~~
~~**Reference Number Segment**~~							~~**Pos. No. 1100**~~
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
REF01	128	M	Ref ID Qualifier	ID	2	2	06 = Sequence Error ID Number
REF02	127	X	Reference ID	AN	1	7	Sequence Error ID Number

~~**Receipts**~~							~~**(Required If FGS is Used)**~~
~~**Tax Information and Amount Segment**~~							~~**Pos. No. 1800**~~
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
TIA01	817	M	Tax Info ID Number	AN	4	4	"5002" = Physical Inventory
TIA02 and TIA03 are not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons

End of FGS loop (Line-item detail)

End of TFS loop (SDR detail)

813 Map Common Carrier (CCR – SF-401)

This TFS loop reports total gallons transported for a Common Carrier Report (Transporter's Monthly Report SF-401). Details associated with this report are located in the schedule loops.

Table 12: Common Carrier Report

Beginning of Common Carrier Report **Tax Form Segment**							**(Required)** **Pos. No. 0100**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
TFS01	128	M	Ref ID Qualifier	ID	2	2	"T2" = Tax Form Code
TFS02	127	M	Reference ID	AN	1	30	Use "CCR"
Example: TFS~T2~CCR\							
SYNTAX NOTES: None							

Relationship to the Transaction Information **Reference Segment**							**(Required)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
REF01	128	M	Ref ID Qualifier	ID	2	2	"SU" = Special Processing
REF02	127	X	Reference ID	AN	3	3	Use "N/A" ("IRS" not used by IN)
~~REF03 is not used.~~							
~~REF04~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF05~~	~~127~~	~~M~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF06~~	~~128~~	~~X~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF07~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	~~Not Used by IN~~

~~**Sequence Error ID Number**~~ ~~**Reference Number Segment**~~							~~**(Required)**~~ ~~**Pos. No. 0200**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length Min~~	~~Max~~	~~Field Description~~
~~REF01~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~06 = Sequence Error ID Number~~
~~REF02~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~1~~	~~7~~	~~Sequence Error ID Number~~

Condition 1 – If account has no activity, this segment is no longer required. TIA is not used.

No Activity **Reference Number Segment**							**(Conditional)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
REF01	128	M	Entity ID Code	ID	2	2	"BE" = Business Activity
REF02	127	X	Name	AN	1	1	"1" = No Activity
Example: REF~BE~1\							
SYNTAX NOTES: 02 R0203 – REF02 is required.							

Condition 2 – If account has activity, this segment is required. The Condition 1 REF is not used.

Total Delivered **Tax Information and Amount Segment**							**(Conditional)** **Pos. No. 0920**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
TIA01	817	M	Tax Info ID Number	AN	4	4	"5004" = Total Net Transported
TIA02 and TIA03 are not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Example: TIA~5004~~~40000000~GA\							
SYNTAX NOTES: 02 R0203040607 – TIA04 is required. 04 Enter Total Net Gallons Transported rounded to the nearest whole gallon. 05 C0504 – If TIA04 is present, then TIA05 is required.							

End of TFS loop (CCR detail)

813 Map Summary Information

This **TFS** loop begins the Summary Information. Summary information is used when the detail cannot be derived from the schedule details. It is repeated when either the **TFS03 Summary Code** or the **Product Code** changes.

This is for use with the SDR returns only.

For Indiana Tax Form MF-360 (Gasoline Supplier/Distributor), there are four lines that must be reported using the Summary Segment.

- Section 2, Line 5, Licensed Gasoline Distributor Deduction:
- Report whole gallons using Summary Code S03A01.
- Section 2, Line 8, Adjustments to Gasoline Tax:
- Report monetary amount using Summary Code S03A.
- Section 3, Line 6, Adjustments to Oil Inspection Fees
- Report monetary amount using Summary Code S03B
- Section 4, Line 7, Gallons of Gasoline Sold to Taxable Marinas:
- Report whole gallons using Summary Code S05D

For Indiana Tax Form SF-900 (Special Fuel Supplier/Distributor), there are three lines that must be reported using the Summary Segment.

- Section 2, Line 9, Collection Allowance:
- Report monetary amount using Summary Code S03A01.
- Section 2, Line 10 Adjustments to Special Fuel Tax:
- Report monetary amount using Summary Code S03A.
- Section 3 Line 3 Adjustments to Oil Inspection Fees:
- Report monetary amount using Summary Code S03B

Note: Because both the MF-360 and SF-900 use the same segment TFS~T2~SDR for identification, the summary sections shown above use specific product group codes to identify which return is being filed. Use code 065 for all the MF-360 summary segments and use code 160 for all the SF-900 summary segments. (Example: TFS~T3~S03A01~PG~065~94~CE\)

If there are no transactions to report in this filing, it is not necessary to transmit a Summary TFS loop.

Table 13: Summary Information

Beginning of Summary Information **Tax Form Segment**							**(Required)** **Pos. No. 0100**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
TFS01	128	M	Ref ID Qualifier	ID	2	2	"T3" = Tax Schedule Code
TFS02	127	M	Reference ID	AN	1	6	TFS02 Summary Code (see below)
TFS03	128	X	Ref ID Qualifier	ID	2	2	"PG" = Product Group
TFS04	127	X	Reference ID	AN	2	3	Product Code (Appendix B)
TFS05	66	X	ID Code Qualifier	ID	2	2	"94" = Mode
TFS06	67	X	ID Code	AN	2	2	"CE" = Transaction Type Mode Code
Example: TFS~T3~S05D~PG~065~94~CE\							
SYNTAX NOTES: 03 P0304 – If either TFS03 or TFS04 is present, the other is required. 05 P0506 – If either TFS05 or TFS06 is present, then the other is required. Summary Codes S03 Credit S03A Use for Adjustments to Gasoline Tax (MF-360) and Adjustments to Special Fuel Tax (SF-900) S03A01 Collection Allowance - Use for Licensed Gasoline Distributor Deduction (MF-360) and Collection Allowance (SF-900). S03B Fee Credit – Use for Adjustments to Oil Inspection Fees (MF-360 and SF-900). S05D Fuel Delivered to Marinas (MF-360 Only)							
Summary Information is used when the detail cannot be derived from the schedule details. A list of TFS02 Summary Codes and an 813 Summary Information Map included in the following section.							

Relationship to the Transaction Information **Reference Segment**							**(Required)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
REF01	128	M	Ref ID Qualifier	ID	2	2	"SU" = Special Processing
REF02	127	X	Reference ID	AN	3	3	Use "N/A" ("IRS" not used by IN)
~~REF03 is not used.~~							
~~REF04~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF05~~	~~127~~	~~M~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF06~~	~~128~~	~~X~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF07~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	~~Not Used by IN~~
Example: REF~SU~N/A\							
SYNTAX NOTES: 02 R0203 – REF02 is required.							
REF02, REF05 and REF07 represent the taxing authority and its relationship to the information in this TFS loop. REF05 – REF07 use the sub-element separator. Example: REF~SU~N/A~~S0^CA^S0^NV\							

~~**Sequence Error ID Number**~~							~~**(Required)**~~
~~**Reference Number Segment**~~							~~**Pos. No. 0200**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length~~ ~~Min~~	~~Max~~	~~Field Description~~
~~REF01~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~06 = Sequence Error ID Number~~
~~REF02~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~1~~	~~7~~	~~Sequence Error ID Number~~

Summary Data							**(Required)**
Forms Group Segment							**Pos. No. 1000**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
FGS01	350	M	Assigned ID	AN	1	1	"S" = Schedule Summary
Example: FGS~S\							
SYNTAX NOTES: None							

~~**Sequence Error ID Number**~~							~~**(Required)**~~
~~**Reference Number Segment**~~							~~**Pos. No. 1100**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length~~ ~~Min~~	~~Max~~	~~Field Description~~
~~REF01~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~06 = Sequence Error ID Number~~
~~REF02~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~1~~	~~7~~	~~Sequence Error ID Number~~

Information							**(Required)**
Tax Information and Amount Segment							**Pos. No. 1800**
Element ID	**Elem Ref**	**Field Status**	**Field Name**	**Field Type**	**Length Min**	**Max**	**Field Description**
TIA01	817	M	Tax Info ID Number	AN	4	4	TIA Code (Appendix C)
TIA02	782	X	Monetary Amount	R	1	15	Dollar Amount
TIA03 is not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Example: TIA~5005~3712~~2320~GA\							
SYNTAX NOTES: None							

~~**Interest**~~							~~**(Required)**~~
~~**Tax Information and Amount Segment**~~							~~**Pos. No. 1800**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length~~ ~~Min~~	~~Max~~	~~Field Description~~
~~TIA01~~	~~817~~	~~M~~	~~Tax Info ID Number~~	~~AN~~	~~4~~	~~4~~	~~"5008" = Interest~~
~~TIA02~~	~~782~~	~~X~~	~~Monetary Amount~~	~~R~~	~~1~~	~~15~~	~~Dollar Amount~~

~~**Penalty**~~							~~**(Required)**~~
~~**Tax Information and Amount Segment**~~							~~**Pos. No. 1800**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length~~ ~~Min~~	~~Max~~	~~Field Description~~
~~TIA01~~	~~817~~	~~M~~	~~Tax Info ID Number~~	~~AN~~	~~4~~	~~4~~	~~"5009" = Penalty~~
~~TIA02~~	~~782~~	~~X~~	~~Monetary Amount~~	~~R~~	~~1~~	~~15~~	~~Dollar Amount~~

End of TFS loop (Summary Information)

813 Map Schedule Detail

This TFS loop begins the schedule detail. It is repeated when one of the following values changes: Tax Form Code, Schedule Code, Mode Code, Product Code, Origin, Position Holder, Seller, Consignor, Carrier, Buyer, Consignee, or Destination. If there are no transactions to report in this filing, it is not necessary to transmit a Schedules TFS loop. It is implied that there is no activity in this filing.

Table 14: Schedule Detail

Beginning of Schedules **Tax Form Segment**							**(Required)** **Pos. No. 0100**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
TFS01	128	M	Ref ID Qualifier	ID	2	2	"T3" = Tax Schedule Code
TFS02	127	M	Reference ID	AN	1	6	Schedule Type Code (Appendix A)
TFS03	128	X	Ref ID Qualifier	ID	2	2	"PG" = Product Group
TFS04	127	X	Reference ID	AN	2	3	Product Code (Appendix B)
TFS05	66	X	ID Code Qualifier	ID	2	2	"94" = Mode
TFS06	67	X	ID Code	AN	2	2	Mode Code (Appendix D)
Example: TFS~T3~501B~PG~065~94~J \							
SYNTAX NOTES: 03 P0304 – If either TFS03 or TFS04 is present, the other is required. 05 P0506 – If either TFS05 or TFS06 is present, then the other is required.							

Relationship to the Transaction Information **Reference Segment**							**(Required)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
REF01	128	M	Ref ID Qualifier	ID	2	2	"SU" = Special Processing
REF02	127	X	Reference ID	AN	3	3	Use "N/A" ("IRS" not used by IN)
~~REF03 Not Used~~							
~~REF04~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF05~~	~~127~~	~~M~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF06~~	~~128~~	~~X~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~Not Used by IN~~
~~REF07~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~2~~	~~2~~	~~Not Used by IN~~
Example: REF~SU~N/A\							
SYNTAX NOTES: 02 R0203 – REF02 is required.							
REF02, REF05 and REF07 represent the taxing authority and its relationship to the information in this TFS loop. REF05 – REF07 use the sub-element separator. Example: REF~SU~N/A~~S0^CA^S0^NV\							

Sequence Error ID Number **Reference Number Segment**							**(Required)** **Pos. No. 0200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
~~REF01~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~06 = Sequence Error ID Number~~
~~REF02~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~1~~	~~7~~	~~Sequence Error ID Number~~

At this point, there are three (3) Options for reporting the Point of Origin (shown on the next page). One of these options is required.

Schedule Options for Segment 1, Point of Origin (One of the following Options is Required.)

Option 1 is used when the origin is a Terminal. Instead of the Terminal Code you may use -----BULK (for bulk storage) or ------BIO (for biodiesel) see examples under Option 1 below.

Option 2 is used when the origin is a Non-Terminal located inside or outside your state, or when BULK or BIO values are used in Option 1 above. (If the Origin Terminal code does not include a state indicator, it must be provided by using the "SHIP FROM" segment in Option 2).

Option 3 is unused and is shown "greyed out" to indicate that Indiana does not use "SE" to indicate the seller. Use position holder shown on the following required segments page to indicate the seller.

Option 1

Point of Option **Name Segment 1**							**(One of the three options is Required)** **Pos. No. 0500**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
N101	98	M	Entity ID Code	ID	2	2	"OT" = Origin Terminal
N102 is not used.							
N103	66	X	ID Code Qualifier	ID	2	2	"TC" = IRS Terminal Code
N104	67	X	ID Code	AN	9	9	IRS Terminal Code
Examples: N1~OT~~TC~ T35IN3202\ N1~OT~~TC~BULK \ (BULK + 5 spaces for a length of 9) N1~OT~~TC~BIO \ (BIO + 6 spaces for a length of 9)							
SYNTAX NOTES: 02 R0203 – N103 is required. 03 P0304 – If either N103 or N104 is present, then the other is required.							
IRS Terminal Code List is located on the IRS Web site www.irs.gov							

Option 2

Point of Origin							**(One of the three options is Required)**
Name Segment 1 (also Include if using BULK or BIO above)							**Pos. No. 0500**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"SF" = Ship From
N102	93	X	Name	AN	2	2	Origin State Abbreviation
Example: N1~SF~IL\							
SYNTAX NOTES: 02 R0203 – N102 is required.							
~~Point of Origin (Optional)~~ ~~Name Segment 1 Pos. No. 0500~~							
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length Min~~	~~Max~~	~~Field Description~~
~~N401~~	~~19~~	~~O~~	~~City Name~~	~~AN~~	~~2~~	~~30~~	~~Name of City~~
~~N402~~	~~156~~	~~O~~	~~State/Province Code~~	~~ID~~	~~2~~	~~2~~	~~State or Province Abbreviation~~
~~N403~~	~~116~~	~~O~~	~~Postal Code~~	~~ID~~	~~3~~	~~11~~	~~ZIP or ZIP plus 4 Code~~

Option 3

~~**Point of Origin**~~							~~**(One of the three Options is Required)**~~
~~**Name Segment 1**~~							~~**Pos. No. 0500**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length Min~~	~~Max~~	~~Field Description~~
~~N101~~	~~98~~	~~M~~	~~Entity ID Code~~	~~ID~~	~~2~~	~~2~~	~~"WO" = Storage Facility at Origin~~
~~N102 is not used.~~							
~~N103~~	~~66~~	~~X~~	~~ID Code Qualifier~~	~~ID~~	~~2~~	~~2~~	~~"FA" = Facility Identification~~
~~N104~~	~~67~~	~~X~~	~~Identification Code~~	~~AN~~	~~2~~	~~20~~	~~Facility/License Number~~

~~**Seller Information**~~							~~**(Required)**~~
~~**Name Segment 2**~~							~~**Pos. No. 0500**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length Min~~	~~Max~~	~~Field Description~~
~~N101~~	~~98~~	~~M~~	~~Entity ID Code~~	~~ID~~	~~2~~	~~2~~	~~"SE" = Selling Party~~
~~N102~~	~~93~~	~~X~~	~~Name~~	~~AN~~	~~1~~	~~35~~	~~Seller's Name (or 1st 4 pos.)~~
~~N103~~	~~66~~	~~X~~	~~ID Code Qualifier~~	~~ID~~	~~2~~	~~2~~	~~"24" = FEIN "34" = SSN~~
~~N104~~	~~67~~	~~X~~	~~ID Code~~	~~AN~~	~~9~~	~~9~~	~~Seller's FEIN or SSN~~

Position Holder Information							**(Required)**
Name Segment 3							**Pos. No. 0500**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"ON" = Position Holder (Seller)
N102	93	X	Name	AN	1	35	Position Holder' Name (or 1st 4 pos.)
N103	66	X	ID Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67	X	ID Code	AN	9	9	Position Holder's FEIN or SSN
Example: N1~ON~K9 Oil Inc~24~350204612\							

SYNTAX NOTES:	
02	R0203 – N102 and N103 are required.
03	P0304 – If either N103 or N104 is present, then the other is required.

Person Hiring Carrier (Consignor) **(Required)**
Name Segment 4 **Pos. No. 0500**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"CI" = Consignor (Owner)
N102	93	X	Name	AN	1	35	Consignor Name (or 1st 4 positions)
N103	66	X	ID Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67	X	ID Code	AN	9	9	Consignor's FEIN or SSN
Example: N1~CI~Vista Corp~24~845252525\							
SYNTAX NOTES: 02 R0203 – N102 and N103 are required. 03 P0304 – If either N103 or N104 is present, then the other is required.							

Carrier Information **(Required)**
Name Segment 5 **Pos. No. 0500**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"CA" = Carrier Name
N102	93	X	Name	AN	1	35	Carrier Name (or first 4 positions)
N103	66	X	ID Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67	X	ID Code	AN	9	9	Carrier's FEIN or SSN
Example: N1~CA~R C Neal~24~357459186\							
SYNTAX NOTES: 02 R0203 – N102 and N103 are required. 03 P0304 – If either N103 or N104 is present, then the other is required							

Buyer/Consignee Information **(Required)**
Name Segment 6 **Pos. No. 0500**

Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Length Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"BY" = Buying Party (Consignee)
N102	93	X	Name	AN	1	35	Sold to Name
N103	66	X	ID Code Qualifier	ID	2	2	"24" = FEIN "34" = SSN
N104	67	X	ID Code	AN	9	9	Purchaser's FEIN or SSN
Example: N1~BY~Mosca Corp~24~952570626\							
SYNTAX NOTES: 02 R0203 – N102 and N103 are required. 03 P0304 – If either N103 or N104 is present, then the other is required							

Schedule Options for Segment 7, Point of Delivery/Destination (One of the following options is required).

Option 1 is used when the Destination is a Terminal.

Option 2 is used when the Destination is a Non-Terminal located inside or outside of Your State

Option 3 is used when the Destination is located in Your State but is a Non-Terminal and the State uses facility ID's.

Option 1

Point of Destination Name Segment 7							**(One of the three options is Required) Pos. No. 0500**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"DT" = Destination Terminal
N102 is not used.							
N103	66	X	ID Code Qualifier	ID	2	2	"TC" = IRS Terminal Code
N104	67	XC	ID Code	AN	9	9	IRS Terminal Code
IRS Terminal Code List is located on the IRS website.							
Example: N1~DT~~TC~T35IN4444\							
SYNTAX NOTES: 02 R0203 – N103 is required. 03 P0304 – If either N103 or N104 is present, then the other is required.							

Option 2

Point of Destination Name Segment 7							**(One of the three options is Required) Pos. No. 0500**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
N101	98	M	Entity ID Code	ID	2	2	"ST" = Ship To
N102	93	X	Name	AN	2	2	Destination State Abbreviation
Example: N1~ST~MI\							
SYNTAX NOTES: 02 R0203 – N102 is required.							

~~**Point of Destination Name Segment 7**~~							~~**(Optional) Pos. No. 0500**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length Min~~	~~Max~~	~~Field Description~~
~~N401~~	~~19~~	~~O~~	~~City Name~~	~~AN~~	~~2~~	~~30~~	~~Name of City~~
~~N402~~	~~156~~	~~O~~	~~State/Province Code~~	~~ID~~	~~2~~	~~2~~	~~State or Province Abbreviation~~
~~N403~~	~~116~~	~~O~~	~~Postal Code~~	~~ID~~	~~3~~	~~11~~	~~ZIP or ZIP plus 4 Code~~

Option 3

~~**Point of Destination**~~							~~**(One of the three options is Required)**~~
~~**Name Segment 7**~~							~~**Pos. No. 0500**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length Min~~	~~Max~~	~~Field Description~~
~~N101~~	~~98~~	~~M~~	~~Entity ID Code~~	~~ID~~	~~2~~	~~2~~	~~"WD" = Destination Facility~~
~~N102 is not used.~~							
~~N103~~	~~66~~	~~X~~	~~ID Code Qualifier~~	~~ID~~	~~2~~	~~2~~	~~"FA" = Facility Identification~~
~~N104~~	~~67~~	~~X~~	~~ID Code~~	~~AN~~	~~2~~	~~20~~	~~Facility/License Number~~

This **FGS** loop begins the individual shipments within the **TFS** loop. It is repeated when one of the following values changes:

Bill of Lading (Document) Number, Bill of Lading Date (Date Shipped), or Gallons

Bill of Lading							**(Required)**
Forms Group Segment							**Pos. No. 1000**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
FGS01	350	M	Assigned ID	AN	1	1	"D" = Schedule Detail
FGS02	128	X	Ref ID Qualifier	ID	2	2	"BM" = Bill of Lading Number
FGS03	127	X	Reference ID	AN	1	15	Bill of Lading Number
Example: FGS~D~BM~1492\							
SYNTAX NOTES: 02 P0203 –FGS02 and FGS03 are required unless the Mode Code in TFS06 is GS (Gas Station), then FGS02 and FGS03 are not used.							

~~**Sequence Error ID Number**~~							~~**(Required)**~~
~~**Forms Group Segment**~~							~~**Pos. No. 1100**~~
~~Element ID~~	~~Elem Ref~~	~~Field Status~~	~~Field Name~~	~~Field Type~~	~~Length Min~~	~~Max~~	~~Field Description~~
~~REF01~~	~~128~~	~~M~~	~~Ref ID Qualifier~~	~~ID~~	~~2~~	~~2~~	~~06 = Sequence Error ID Number~~
~~REF02~~	~~127~~	~~X~~	~~Reference ID~~	~~AN~~	~~1~~	~~7~~	~~Sequence Error ID Number~~

Bill of Lading Date							**(Required)**
Date/Time Reference Segment							**Pos. No. 1200**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
DTM01	374	M	Date/Time Qualifier	ID	3	3	"095" = Bill of Lading Date
DTM02	373	X	Date	DT	8	8	Bill of Lading Date (CCYYMMDD)
Example: DTM~095~20020214\							
SYNTAX NOTES: 02 R020305 – DTM02 is required.							

Bill of Lading Net **Tax Information and Amount Segment**							**(Required)** **Pos. No. 1800**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
TIA01	817	M	Tax Info ID Number	AN	4	4	"5005" = Net
TIA02 and TIA03 are not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Example: TIA~5005~~~9020~GA\							
SYNTAX NOTES: 02 R0203040607 – TIA04 is required. 04 Enter the net gallons rounded to the nearest whole gallon. 05 C0504 – If TIA04 is present, then TIA05 is required.							

Bill of Lading Gross **Tax Information and Amount Segment**							**(Required)** **Pos. No. 1800**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
TIA01	817	M	Tax Info ID Number	AN	4	4	"5006" = Gross
TIA02 and TIA03 are not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Example: TIA~5006~~~9000~GA\							
SYNTAX NOTES: 02 R0203040607 – TIA04 is required. 04 Enter the gross gallons rounded to the nearest whole gallon. 05 C0504 – If TIA04 is present, then TIA05 is required.							

Bill of Lading Billed **Tax Information and Amount Segment**							**(Required)** **Pos. No. 1800**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length Min	Max	Field Description
TIA01	817	M	Tax Info ID Number	AN	4	4	"5007" = Billed
TIA02 and TIA 03 are not used.							
TIA04	380	X	Quantity	R	1	15	Quantity
TIA05	355	M	Unit Measure Code	ID	2	2	"GA" = Gallons
Example: TIA~5007~~~9020~GA\							
SYNTAX NOTES: 02 R0203040607 – TIA04 is required. 04 Enter the billed gallons rounded to the nearest whole gallon. 05 C0504 – If TIA04 is present, then TIA05 is required.							

End of FGS loop for Individual shipments

End of TFS loop for Schedule

813 Transaction Set Description Ending

Table 15: Transaction Set Trailer

End of Transaction Set Trailer Segment							**(Required) Pos. No. 0100**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
SE01	96	M	Number of Segments Included	N0	1	10	Number of segments (inserted by translator)
SE02	329	M	Transaction Set Control Number	AN	4	9	Filer defined unique control number (enter the same value as in ST02).
Example: SE~15000~12345\							
SYNTAX NOTES: None							

ANSI Functional Group Description Ending

Table 16: Functional Group Trailer

Functional Group Trailer Segment							**(Required)**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
GE01	97	M	Number Transaction Sets Included	N0	1	6	Count of transaction sets within this GS/GE
GE02	28	M/Z	Control Group Number	N0	1	9	Filer defined unique control number (enter the same value as in GS06).
Example: GE~1~1101\							
SYNTAX NOTES: None							

ANSI Interchange Description Ending

Table 17: Interchange Control Trailer

Interchange Control Trailer Segment							**(Required)**
Element ID	Elem Ref	Field Status	Field Name	Field Type	Length		Field Description
					Min	Max	
IEA01	116	M	Number of Included Functional Groups	N0	1	5	Count Function Groups within this ISA/IEA
IEA02	112	M	Interchange Control Number	N0	9	9	The Interchange Number in the Trailer Must Be Identical to the Same Data Element in the Associated Interchange Header (ISA13).
Example: IEA~1~000001001\							
SYNTAX NOTES: None							
End of Transmission.							

813 Map Flow for Combined Filing Report

- ISA (Interchange Control Header)
  - GS (Functional Group Header)
    - ST (Transaction Set Header)
      - BTI (Begin Tax Information)
      - DTM (Date/Time)
      - TIA (Tax Information and Amount)
      - TIA (Tax Information and Amount)
      - BPR (Payment Segment)
      - N1 (Name)
      - N2 (Additional Name – Optional Segment)
      - N3 (Address)
      - N4 (Location)
      - PER (General Contact)
      - PER (EDI Contact)
      - N1 (Mailing Name – Optional Segment)
      - N2 (Additional Mailing Name – Optional Segment)
      - N3 (Mailing Address – Optional Segment)
      - N4 (Mailing Location – Optional Segment)
        - TFS (Tax Form) – Terminal Operator (CCR)
        - REF (Reference)
        - DTM (Date/Time – Conditional Segments)
        - FGS (Form Group)
        - TIA (Tax Information and Amount – Inventory)
        - TFS (Tax Form) – Supplier/Distributor Gas (SDR)
        - REF (Reference)
        - DTM (Date/Time – Conditional Segments)
        - TIA (Tax Information and Amount)
        - TFS (Tax Form) – Supplier/Distributor Special Fuel (SDR)
        - REF (Reference)
        - DTM (Date/Time – Conditional Segments)
        - TIA (Tax Information and Amount)
        - TFS (Tax Form) – Transporter Return (TOR)
        - REF (Reference)
        - TIA (Tax Information and Amount – Conditional Segment)
          - TFS (Summary Schedule Information)
          - REF (Summary Reference)
          - FGS (Form Group)
            - TIA (Tax Information and Amount – Tax)
            - TIA (Tax Information and Amount – Interest)
            - TIA (Tax Information and Amount – Penalty)
          - TFS (Schedule Tax Form)
          - REF (Schedule Reference)
          - N1 (Name – Point of Origin Schedule Option 1)
          - N1 (Name – Point of Origin Schedule Option 2)
          - N1 (Schedule – Name of Position Holder)
          - N1 (Schedule – Name of Consignor)
          - N1 (Schedule – Name of Carrier)
          - N1 (Schedule – Name of Buyer/Consignee)
          - N1 (Name – Point of Destination Schedule Option 1)
          - N1 (Name – Point of Destination Schedule Option 2)
          - FGS (Schedule Forms Group – Bill of Lading)
            - DTM (Schedule Date – Bill of Lading)
            - TIA (Schedule – Bill of Lading Net)
            - TIA (Schedule – Bill of Lading Gross)
            - TIA (Schedule – Bill of Lading Billed)
    - SE (Transaction Set Trailer)
  - GE (Functional Group Trailer)
- IEA (Interchange Control Trailer)

Filing the E-1 with EDI

In the original EDI map design, there was no provision for passing the E-1 explanation text or adjustment amounts which could be indicated on the paper form.

After review by our fuel tax section, it has been decided that the adjustments will be included in the same adjustment summary segments shown in section "813 Map Summary Information":

For the MF-360: Section 2 (Gasoline), line 8 Adjustments to Gasoline Tax – Summary Code S03A along with the dollar amount.

For the SF-900: Section 2 (Special Fuel) line 10 Adjustments to Special Fuel Tax – Summary Code S03A along with the dollar amount."

If a taxpayer files more than one return for the same document type, the EDI file starts with the Interchange Control Header followed by the Group Control Header and the Transaction Set Header, then the main body of the report and the associated schedules. In the case of a taxpayer, such as a Terminal Operator, who has multiple locations to report, at the end of the first return (Transaction Set Trailer), instead of continuing to the Group Control Trailer, the file returns to the Transaction Set Header to begin another Terminal Operator Report. This process continues until all Terminal Operator Reports are completed. If that is the only tax form to be filed, the file then continues to the Group Control Trailer and finally the Interchange Control Trailer.

When the taxpayer files more than one type of return, whenever the tax document type changes, it is necessary to return to the Return Identification (TFS~T2) Segment.

Appendix A contains the Schedule Codes Used for Indiana Motor Fuel Reports. It is important to refer to this list and use the correct schedule code. Schedule codes are also listed on the returns and are used in conjunction with the various product codes used by Indiana.

Only the FTA Product Codes listed in **Appendix B** of this guide are to be used. They are the product codes accepted by FTA Uniformity.

Appendix D contains the standard Carrier/Transporter Mode Codes to be used. Abbreviations for locations are found in **Appendix E** of this guide and are all-unique so there is no question which geographical location is being reported.

DOR Contact

For additional questions regarding EDI filing of motor fuel taxes, contact DOR in the following ways:

For file transmission questions:

EDI Coordinator: edifile@dor.in.gov

For tax account questions:

Special Tax - Fuel Tax Customer Service
317-615-2630
fetax@dor.in.gov

An easy and more efficient way to contact DOR with any questions about your tax account is to use INTIME secure messaging. An INTIME Guide to Secure Messaging with DOR is available.

More information is available on EDI Fuel Tax Electronic Initiatives website.

Appendix A: Schedule Codes Used for Indiana Motor Fuel Reports

Terminal Operator's Monthly Report (TOR – FT-501)

15A Terminal Operator's Schedule of Receipts

This schedule should show all receipt transactions by Position Holder. This Position Holder is the person who owns or leases storage space in Terminal that is being reported. These are reported by Product Code.

15B Terminal Operator's Schedule of Disbursements

This should show all disbursement transactions by Position Holder. These are reported by Product Code.

Consolidated Special Fuel Tax Monthly Tax Return (SDR - SF-900) Receipt Schedules

1-Gallons Received into Terminal Storage, Tax Paid

This schedule is to be completed any time fuel is purchased in Indiana. Special Fuel tax is paid to the seller on transactions delivered into storage in an Indiana terminal. Tax paid gallons received and delivered directly to customers are not to be reported on this schedule.

2E-Gallons Received for Export (Special Fuel Exporter only)

This schedule is to be completed by licensed exporters only and should report Gallons received, tax unpaid, from an Indiana terminal for export. Gallons exported from a bulk plant on which Indiana tax has been paid is not Reportable on this schedule. Other license holders should not complete this schedule.

2K-Gallons of Nontaxable Fuel, Received and Sold or Used for a Taxable purpose

This schedule should be completed to report gallons of non-taxable fuel blended for resale or blended for own taxable use.

3-Gallons Imported Via Truck, Barge, or Rail, Tax Unpaid

This schedule is to be completed anytime imported gallons are received, via Truck Delivery, Barge, or Rail, into non-terminal storage, on which no Indiana fuel tax has been paid. This would include gallons picked up for direct Delivery to customers or delivery into retail outlets. Gallons received into terminal storage are not to be reported on this schedule.

Disbursement Schedules

5-Gallons Delivered, Tax Collected

This schedule is to be completed if fuel is sold which was purchased tax paid and/or unpaid and the Indiana fuel tax was collected from the purchaser. This only includes gallons disbursed from own terminal storage and untaxed imports delivered directly to customer (Schedule S3). Company's own taxable usage is to be included and reported on this schedule. Direct sales of Special Fuel purchased tax paid from another licensed Supplier or Permissive Supplier and delivered directly to customer is not to be included.

6-Gallons Delivered via Rail, Pipeline or Vessel to Licensed Suppliers, Tax Not Collected

This schedule includes the sale/transfer of all gallons, dyed and undyed, (excluding truck deliveries) via rail, barge, ship, or pipeline to another Indiana licensed supplier, tax not collected.

6X-Gallons Disbursed on Exchange for Other Suppliers/Permissive Suppliers

This schedule should be completed anytime gallons are disbursed through an exchange agreement on which tax was not billed.

7-Gallons Exported to the State of [insert state]

This schedule includes gallons exported to other states.

7A-Gallons sold to Unlicensed Exporters for Export to the State of [insert state]

This schedule includes gallons sold to unlicensed exporters upon which Indiana Special Fuel Tax has not been charged. It is required to collect the Destination State's Special Fuel Tax from the customer and remit it to the State.

7B-Gallons Sold to Licensed Exporters for Export to the State of [insert state]

This schedule includes gallons sold to licensed exporters or licensed suppliers acting in the capacity of licensed exporters. An exporter must supply proof of its license in the Destination State. If the customer is not licensed, the destination state's special fuel tax must be collected and remitted to that state. Sales to unlicensed exporters are to be reported on Schedule SU (7A).

8-Gallons of Undyed Special Fuel, Gasoline and Kerosene Sold to the U.S. Government, Tax Exempt

This schedule includes gallons of fuel sold to the U.S. Government located in Indiana. Sales of dyed special fuel to the U.S. Government are to be reported on Schedule ST (10).

8K-Kerosene Sales (information only)

This schedule must be filed for nontaxable kerosene sales with an Indiana destination. Columns 6, 7, 8, 9, and 12 of this schedule must be completed. The other columns are optional. The total from this schedule should not be carried forward to SF-900. This is an information only schedule.

10-Gallons Sold of Tax-exempt Dyed Fuel

This schedule should only include dyed fuel sold to customers who will use the fuel for exempt purposes. Any dyed fuel imported and reported on Schedule S3 (3) and should also be reported on this schedule. Sales of dyed fuel reported on schedules S6, SC, S7, SU, and SB (6, 6X, 7, 7A, and 7B) are not to be reported on this schedule. Sales of dyed fuel that are delivered via rail, pipeline, or vessel are not to be reported on this schedule. Also not reported on this schedule are gallons delivered to suppliers or permissive suppliers via exchange agreements and exports.

Uncollectible Schedules

1-Gallons Received into Terminal Storage, Tax Paid
1A-Gallons Received, Tax Paid
2-Gallons Received from Licensed Distributor or Oil Inspection, Tax Unpaid
2E-Gallons Received for Export (Special Fuel Exporter Only)
2K-Gallons of Non-Taxable Fuel Received and Sold or Used for a Taxable Purpose
2X-Gallons Received from Distributor on Exchange
3-Gallons Imported Via Truck, Barge, or Rail, Tax Unpaid
4-Gallons Imported into Own Storage

Diversion Correction Schedule

This schedule should be completed to report all diversion transactions. Anytime an incorrect shipping paper has been issued or fuel is diverted from the original destination State, a “diversion number” must be obtained from DOR. This schedule should reflect all loads of fuel that have been diverted during the reporting period.

11-Gallons diverted from one state to another.

Summary Codes

S03 Credit

S03A-Tax Credit (Used for MF-360 and SF-900)
S03A01-Collection Allowance (Used for MF-360 and SF-900)
S03B-Fee Credit (MF-360 and SF-900)

S05 General Return

S05D-Fuel Delivered to Marinas (MF-360 Only)

Consolidated Gasoline Monthly Tax Return (SDR – MF-360) Receipt Schedules

1A-Gallons Received Tax Paid

This schedule should be completed anytime tax paid product is received by any means.

2-Gallons Received from Licensed Distributor or Oil Inspection Distributor, Tax Unpaid

This schedule should be completed anytime untaxed product is received.

2K-Gallons of Non-Taxable Fuel Received and Sold or Used for a Taxable Purpose

This schedule should be completed to report gallons of non-taxable fuel that has been blended for resale or blended for own taxable use.

2X-Gallons Received from Distributor on Exchange

This schedule should be used anytime gasoline is received through an exchange agreement on which tax has not been paid.

3-Gallons Imported Via Truck, Barge, or Rail, Tax Unpaid

This schedule is to be completed anytime imported gallons are received via truck delivery, barge, or rail, into non-terminal storage, on which no Indiana fuel tax has been paid. This would include gallons picked up for direct delivery to customers or delivery into retail outlets. Gallons received into terminal storage are not to be reported on this schedule.

4-Gallons Imported into Own Storage

Disbursement Schedules

5-Gallons Delivered, Tax Collected

This schedule is to be completed if fuel is sold which has been purchased tax paid and/or unpaid and the Indiana fuel tax has been collected from the purchaser. This only includes gallons disbursed from own terminal storage and untaxed imports delivered directly to customer (Schedule G3). Own taxable usage is also to be included on this schedule.

6D-Gallons Sold to Licensed Distributors, Tax Not Collected

This schedule should be completed to report gallons sold tax exempt to other licensed Distributors.

6X-Gallons Disbursed on Exchange

This schedule should be completed anytime gallons are disbursed through an exchange agreement on which tax was not billed.

7-Gallons Exported to State of _____

This schedule includes gallons exported to other states.

8-Gallons of Undyed Special Fuel, Gasoline, and Kerosene Sold to the U.S Government, Tax Exempt

This schedule included gallons of fuel sold to the U.S. Government located in Indiana.

10A-Gallons Delivered to Marine Fuel Dealers

This schedule includes gallons sold to Marina Fuel Dealers. A marina fuel dealer must supply proof of its license. If customer is not licensed, tax must be collected and remitted to state.

10B-Gallons Delivered to Aviation Fuel Dealers

This schedule includes gallons sold to Aviation Fuel Dealers. An aviation fuel dealer must supply proof of its license. If customer is not licensed, tax must be collected and remitted to state.

Summary Codes

S03 Credit

S03A Tax Credit (Used for MF-360 and SF-900)
S03A01 Collection Allowance (Used for MF-360 and SF-900)
S03B Fee Credit (MF-360 and SF-900)

S05 General Return

S05D Fuel Delivered to Marinas (MF-360 Only)

Transporter's Monthly Return (CCR – SF-401) Delivery Schedules

14A-Exports (Schedule 1A on Indiana Tax Form SF-401)

This schedule is completed to show all loads of fuel that are transported, in vehicles with a capacity greater than 5,400 gallons, from a point inside Indiana to a point outside Indiana.

14B-Imports (Schedule 2A on Indiana Tax Form SF-401)

This schedule is completed to show all loads of fuel that are transported, regardless of the vehicle capacity, from a point outside Indiana to a point inside Indiana.

14C-In-State Transfers (Schedule 3A on Indiana Tax Form SF-401)

This schedule is completed when transporting special fuel from a point starting within Indiana to a point ending in Indiana, when the vehicle capacity transporting is greater than 5,400 gallons.

Diversion Correction Schedule

This schedule should be completed to report all diversion transactions. Anytime an incorrect shipping paper

has been issued or fuel is diverted from the original Destination State, a "diversion number" must be obtained. This schedule should reflect all loads of fuel that have been diverted during the reporting period.

11-Gallons diverted from one state to another

Diversion number must be reported on the schedule. Use REF segment after TFS~T3 to report Diversion number. Diversion Numbers are 6 digits. Only the last 5 digits can be reported here. Report the first two digits immediately after REF (where SU normally is seen) and the other 3 digits following ~ (where N/A is normally seen). You will have to report a separate TFS~T3 for each diversion reported. Use the correct Bill of Lading Number, date, etc. and report the number of gallons diverted in the TIA segments. Use the original destination state as SF and the diverted state as ST.

Diversion schedules reported for the SF-900

Shipments that were diverted FROM Indiana will have negative (-) gallons reported. Shipments that were diverted TO Indiana will report positive gallons. (Do not use + in front of the gallons if positive. Only use – if the gallons are negative.)

Diversion schedules reported for the MF-360

All shipments of fuel that are diverted from or into Indiana must be reported as positive gallons.

Example for SF-900: (for MF-360 do not use negative values.)

TFS~T3~11~PG~167~94~J \REF~25~880\N1~SF~IN\N1~CA~HAUL OIL~24~151938411\N1~ST~IL\N1~CI~JOKERS OIL SERVICE, INC~24~350008489\N1~BY~JOKERS OIL INC.~24~350008489\FGS~D~BM~403762\DTM~095~20061209\TIA~5005~~~-2921~GA\TIA~5006~~~-2806~GA\TIA~5007~~~-2921~GA\

Appendix B: Product Codes Used by Indiana

Product Codes (by Form) Used by Indiana

FTA Product Code

10/17/2014			MF-360			SF-900	SF-401				FT-501		
Product	Sub-Product	Code	A	B	C		A	B	C		A	B	C
Alcohol	Rollup Code-Do not use	123											
	Ethanol (100%) **Blended**	E00	X					X				X	
	(Percentage of ethanol)	E01-E99	X					X				X	
Gasohol Ethanol Blend	Rollup Code-Do not use	124											
	Methanol (100%)	M00	X										
	(Percentage of methanol)	M01-M99	X					X				X	
	Aviation Gasoline	125	X					X				X	
Blending Components	Rollup Code-Do not use	122											
	Additive Miscellaneous	090			X				X				X
	Benzene	248			X				X				X
	Butylene	198			X				X				X
	ETBE	249			X				X				X
	Ethane	052			X				X				X
	Ethylene	196			X				X				X
	Isobutane	058			X				X				X
	Methane	265			X				X				X
	Napthas	126			X				X				X
	Pentanes, including isopentanes	059			X				X				X
	Propylene	075			X				X				X
	Raffinates	223			X				X				X
	TAME	121			X				X				X
	Toluene	199			X				X				X
	Waste Oil	091			X				X				X
	Xylene	076			X				X				X
Biodiesel - Undyed	Rollup Code-Do not use	170											
	Biodiesel - Undyed (100%)	B00				X	X				X		
	(Percentage of biodiesel - undyed)	B01-B99				X	X				X		
Biodiesel - Dyed	Rollup Code-Do not use	171											
	Biodiesel - Dyed (100%)	D00				X	X				X		
	(Percentage of biodiesel - dyed)	D01-D99				X	X				X		
Diesel Fuel - Dyed	Rollup Code-Do not use	228											
	High Sulfur Diesel - Dyed	226				X	X				X		
	Low Sulfur Diesel - Dyed	227				X	X				X		
	No. 1 Diesel - Dyed-MFT	231			X		X				X		
	No. 1 Diesel - Dyed-SFT	232				X	X				X		
	Diesel Fuel #4- Dyed	153				X	X				X		
Diesel Fuel - Undyed	Rollup Code-Do not use	160											
	Low Sulfur Diesel #1 - Undyed	161				X	X				X		
	Low Sulfur Diesel #2 - Undyed	167				X	X				X		
	No. 1 Fuel Oil - Undyed	150			X				X				X
	Diesel Fuel #4 - Undyed	154				X	X				X		
	#1 High Sulfur Diesel - Undyed	282			X		X				X		
	#2 High Sulfur Diesel - Undyed	283				X	X				X		

FTA Product Code

10/17/2014			MF-360			SF-900	SF-401				FT-501		
Product	Sub-Product	Code	A	B	C		A	B	C		A	B	C
Natural Gas Products													
	Compressed Natural Gas (CNG)	224				X	X						
	Liquid Natural Gas (LNG)	225				X	X						
Gasoline		065	X					X				X	
	Heating Oil	152			X				X				X
	Jet Fuel	130			X				X				X
Kerosene - Undyed	Rollup Code-Do not use	142											
	Low Sulfur Kerosene - Undyed- MFT	145		X					X				X
	Low Sulfur Kerosene - Undyed- SFT	146				X			X				X
	High Sulfur Kerosene - Undyed-MFT	147		X					X				X
	High Sulfur Kerosene - Undyed-SFT	148				X			X				X
Kerosene - Dyed	Rollup Code-Do not use	072											
	Low Sulfur Kerosene - Dyed	073		X					X				X
	High Sulfur Kerosene - Dyed	074		X					X				X
Natural Gasoline		061	X					X				X	
Soy Oil		285				X	X				X		
Transmix - MFT		100			X				X				X
Transmix - SFT		101				X			X				X
Undefined products-MFT		092			X				X				X
Undefined products-SFT		093				X			X				X
PRODUCT CODES	DO NOT USE												
Biodiesel - dye added	Old product code-Do not use	290											
Biodeisel - undyed	Old product code-Do not use	284											
Methanol	Old product code-Do not use	243											
Low Ethanol Gasoline	Old product code-Do not use	241											
Other	Old product code-Do not use	OTH											
Methanol Gasoline	Old product code-Do not use	244											
Asphalt	Not Reportable-Do not use	188											
Crude Oil	Not Reportable-Do not use	001											
Exluded Liquid (Mineral Oil)	Not Reportable-Do not use	077											
Gasoline MTBE	Not Reportable-Do not use	071											
Hydrogen	Not Reportable-Do not use	259											
Marine Gas Oil	Not Reportable-Do not use	280											
Marine Diesel Oil	Not Reportable-Do not use	279											
Mineral Oils	Not Reportable-Do not use	281											
Organic Oils	Not Reportable-Do not use	960											
Residual Fuel Oil	Not Reportable-Do not use	175											
Propane (LPG)	Not Reportable-Do not use	054											
Butane, including butane-prop	Not Reportable-Do not use	055											

Uniform FTA Product Codes Used by Indiana

Product Codes

If a product code is not listed, see the FTA Motor Fuels Uniformity Manual. Indiana only accepts specific product code numbers; rollup codes are not acceptable for Indiana fuel tax returns.

Product	Code
Alcohol (Rollup Code)	123
Ethanol (100%)	E00
(Percentage of ethanol)	E01-E99
Gasohol Ethanol Blend (Rollup Code)	124
Methanol (100%)	M00
(Percentage of methanol)	M01-M99
Aviation Gasoline	125
Blending Components (Rollup Code)	122
Additive Miscellaneous	090
Benzene	248
Butylene	198
ETBE	249
Ethane	052
Ethylene	196
Isobutane	058
MTBE	093
Methane	265
Napthas	126
Pentanes, including isopentanes	059
Propylene	075
Raffinates	223
TAME	121
Toluene	199
Waste Oil	091
Xylene	076
Biodiesel – Undyed (Rollup Code)	170
Biodiesel – Undyed (100%)	B00
(Percentage of biodiesel – Undyed)	B01-B99
Biodiesel – Dyed (Rollup Code)	171
Biodiesel – Dyed (100%)	D00
(Percentage of biodiesel – Dyed)	D01-D99
Diesel Fuel – Dyed (Rollup Code)	228
High Sulfur Diesel – Dyed	226
Low Sulfur Diesel Dyed	227
No. 1 Diesel – Dyed (MF-360)	231
No. 1 Diesel – Dyed (SF-900)	232
Diesel Fuel #4 – Dyed	153
Diesel Fuel – Undyed (Rollup Code – 160 is valid in Summary segments only)	160
Low Sulfur Diesel #1 - Undyed	161
Low Sulfur Diesel #2 – Undyed	167
No. 1 Diesel – Undyed	150
Diesel Fuel #4 – Undyed	154
#1 High Sulfur Diesel - Undyed	282

Product	Code
#2 High Sulfur Diesel – Undyed	283
Natural Gas Products	
Compressed Natural Gas (CNG)	224
Liquid Natural Gas (LNG)	225
Gasoline	065
Heating Oil	152
Jet Fuel	130
Kerosene – Undyed (Rollup Code)	142
Low Sulfur Kerosene –Undyed (MF-360)	145
Low Sulfur Kerosene –Undyed (SF-900)	146
High Sulfur Kerosene –Undyed (MF-360)	147
High Sulfur Kerosene –Undyed (SF-900)	148
Kerosene – Dyed (Rollup Code)	072
Low Sulfur Kerosene - Dyed	073
High Sulfur Kerosene - Dyed	074
Natural Gasoline	061
Soy Oil	285
Transmix (MF-360)	100
Transmix (SF-900)	101
Undefined Products (MF-360)	092
Undefined Products (SF-900)	093

Appendix C: FTA Uniformity

FTA Uniformity TIA Codes

Code	Definition
5000	Version of Taxing Authority's Implementation Guide
	Used in Functional Group Header
5001	Total Net Reported
	Used in Transaction Set Header
5002	Net Physical Inventory
	Used in Transaction Set TOR (FT-501)
5003	Total Due
5004	Total Net Transported
	Used in Transaction Set CCR (SF-401)
5005	Net
	Used in Summary Information and Schedules SDR, TOR, CCR (MF-360, SF-900, FT-501, and SF-401)
5006	Gross
	Used in Schedules SDR, TOR, CCR (MF-360, SF-900, FT-501, and SF-401)
5007	Billed
5008	Interest
5009	Penalty
5010	Confidential Information
5011—5199	Not Used

Appendix D: Carrier/Transporter Mode Codes

Transaction Type Mode Codes	
Code	**Description**
J	Truck
R	Rail
B	Barge
S	Ship
PL	Pipeline
GS	Gas Station
BA	Book Adjustment
ST	Stationary Transfer
CE	Summary Information

Appendix E: Abbreviations for Locations

USA (US) State	Abbreviation	Canadian (CA) Province/Territory	Abbreviation
Alaska	AK	British Columbia	BC
Arizona	AZ	Manitoba	MB
Arkansas	AR	New Brunswick	NB
California	CA	Newfoundland	NF
Colorado	CO	Northwest Territory	NT
Connecticut	CT	Nova Scotia	NS
Delaware	DE	Nunavut	NU
District of Columbia	DC	Ontario	ON
Florida	FL	Prince Edward Island	PE
Georgia	GA	Quebec	QC
Hawaii	HI	Saskatchewan	SK
Idaho	ID	Yukon Territory	YT
Illinois	IL	**Mexican (MX) State**	**Abbreviation**
Indiana	IN	Aguascalientes	AG
Iowa	IA	Baja California	BJ
Kansas	KS	Baja California Sur	BS
Kentucky	KY	Campeche	CP
Louisiana	LA	Chiapas	CH
Maine	ME	Chihuahua	CI
Maryland	MD	Coahuila	CU
Massachusetts	MA	Colima	CL
Michigan	MI	Distrito Federal	DF
Minnesota	MN	Durango	DG
Mississippi	MS	Guanajuato	GJ
Missouri	MO	Guerrero	GR
Montana	MT	Hidalgo	HG
Nebraska	NE	Jalisco	JA
Nevada	NV	Mexico	EM
New Hampshire	NH	Michoacan	MH
New Jersey	NJ	Morelos	MR
New Mexico	NM	Nayarit	NA
New York	NY	Nuevo Leon	NL
North Carolina	NC	Oaxaca	OA
North Dakota	ND	Puebla	PU
Ohio	OH	Queretaro	QA
Oklahoma	OK	Quintana Roo	QR
Oregon	OR	San Luis Potosí	SL
Pennsylvania	PA	Sinaloa	SI
Rhode Island	RI	Sonora	SO
South Carolina	SC	Tabasco	TA
South Dakota	SD	Tamaulipas	TM
Tennessee	TN	Tlaxcala	TL
Texas	TX	Veracruz	VZ
Utah	UT	Yucatan	YC
Vermont	VT	Zacatecas	ZT
Virginia	VA	Zacatecas	ZT
Washington	WA		
West Virginia	WV		
Wisconsin	WI		
Wyoming	WY		

Appendix F: Business Rules

General

In order to use an EDI system to its best advantage, careful attention must be paid to the rules that govern the system. These business rules are formulated to benefit all parties involved and apply to all Trading Partners without regard to status. Trading Partners who repeatedly violate these business rules will lose production status.

Received with Fatal Data Errors

There are several data errors that can cause the 813 inbound data stream manager to reject a successfully imported report and ask for file resubmission (BTI13 = 15).

1. Check Number Tolerances Exceeded – there are up to three (3) check variables that must be within allowable tolerances:
    - Total Net Gallons in Filing (TIA04) +/- 1000 gallons
    - Total Gallons subject to Tax in Gross Gallons (Table 10 – TIA04)+/- 100 gallons.
    - Total Gallons delivered in Net Gallons (Table 11 – TIA04) +/- 1000 gallons
2. Any error that appears to be a symptom of a systemic error

Appendix G: Glossary

A

Accredited Standards Committee X12 (ASC X12): The committee chartered by the American National Standards Institute to develop uniform standards for inter-industry electronic interchange of data for business transactions

Agricultural Purposes: Clearing, terracing, or otherwise preparing the ground on a farm; preparing soil for planting and cultivating, raising, and harvesting crops; raising and feeding livestock and poultry; building fences; pumping water for any and all uses on the farm, including irrigation; building roads upon any farm by the owner or person farming the same; operating milking machines; sawing wood for use on a farm; producing electricity for use on a farm; movement of tractors; farm implements and non-licensed equipment from one field to another

Alternative Fuel: Electricity, liquefied petroleum gas (LPG or LP gas), compressed natural gas product, or a combination of liquefied petroleum gas and a compressed natural gas or electricity product used in an internal combustion engine or motor to propel any form of vehicle, machine, or mechanical contrivance. It includes all forms of fuel commonly or commercially known or sold as compressed natural gas.

American National Standards Institute (ANSI): Founded in 1918, a non-profit organization chartered to coordinate and maintain national standards in the United States.

Aviation Fuel: Any motor fuel specifically compounded for use in reciprocating aircraft engines.

B

Biodiesel: Renewable, biodegradable, mono alkyl ester combustible liquid fuel derived from agricultural plant oils or animal fats that meets certain standards, used in the generation of power for the propulsion of a motor vehicle, airplane, or motorboat. Indiana biodiesel is treated as a special fuel.

Blend Stock: Any petroleum product component of motor fuel, such as naphtha, reformat, toluene or kerosene that can be blended for use as motor fuel without further processing. The term includes those petroleum products presently defined by the Internal Revenue Service in regulations pursuant to 26 U.S.C., Sections 4081 and 4082, as amended. However, the term does not include any substance that:

will be ultimately used for consumer non-motor fuel use and

is sold or removed in drum quantities (55 gallons) or less at the time of removal or sale.

Blended Fuel: A mixture composed of motor fuel and another liquid including blend stock, other than a *de minimis* amount of a product such as carburetor detergent or oxidation inhibitor that can be used as a fuel in a highway vehicle. This term includes but is not limited to gasohol, ethanol, methanol, fuel grade alcohol, diesel fuel enhancements, and resulting blends.

Blender: In Indiana Code 6-6-2.5-2, a person who engages in the process of blending, mixing one (1) or more petroleum products

Blending: Mixing of one or more petroleum products, with or without another product, regardless of the original character of the product blended. If the product obtained by the blending is capable of use or otherwise sold for use in the generation of power for the propulsion of a motor vehicle, and airplane, or a motorboat. The term does not include the blending that occurs in the process of refining by the original refiner of crude petroleum, or the blending of products known as lubricating oil and greases.

Book Transfer: Transfer of a product within the terminal before removal across the rack.

Branded Product: Petroleum product that is sold under the name of the supplying company, usually a major oil company.

BTI (Beginning Tax Information): A segment in Table 1 of the TS-813 that is part of the Transaction Set Header section. The BTI identifies the taxing authority and the information reporter.

Bulk Plant: A special fuel storage facility, other than a terminal, that is primarily used for redistribution of fuel by motor vehicle with a capacity of not more than five thousand four hundred (5,400) gallons. It can also be a facility used to store bulk quantities of refined petroleum products, including gasoline, fuel oil, and diesel fuel. Bulk plants are smaller versions of terminal or "tank farms". Bulk plants are used primarily in rural areas of the country.

Bulk Transfer: Any transfer of motor fuel from one location to another by pipeline tender or marine delivery within the bulk transfer/terminal system.

Bulk Transfer/Terminal System: The motor fuel distribution system consisting of refineries, pipelines, vessels, and terminals. Motor fuel in a refinery, pipeline, boat, barge, or terminal is in the bulk transfer/terminal system. Motor fuel in the fuel supply tank of any engine or in a tank car, rail car, trailer, truck, or other equipment suitable for ground transportation is not in the bulk transfer/terminal system.

C

Chain Retailer: An independent petroleum marketer who owns ten (10) or more service stations

Consumer: The user of the motor fuel

Control Number: A number assigned by the sending EDI partner to identify EDI documents transmitted to the receiving partner

C-Store: A commonly used phrase for convenience store. Independent marketers own several thousand c-stores in the U.S. that are operated in conjunction with service stations

D

Data Element: The smallest unit of information in a segment that can convey information. Data elements are defined in the Data Element Dictionary. An example of a data element is TIA04. This data element can be found in the TIA (Tax Information and Amount) segment that carries bill of lading net gallons, "TIA04: quantity in net gallons."

Data Element Dictionary: A book published by DISA (Data Interchange Standards Association, ASC X12 Secretariat) every year with new and updated standards. A reference number is assigned to each data element in the dictionary. For each element, the dictionary specifies the name, description, type, and minimum/maximum length. For ID-type data elements, the dictionary lists all code values and their definitions or indicates in an appendix where the valid code list can be obtained.

Data Segment: A data segment is an intermediate unit of information in a transaction set. A segment consists of logically related data elements in a defined sequence: a predetermined segment identifier (which is not a data element), one of more data elements, each is preceded by a data element separator, and a segment terminator. Data segments are defined in the Segment Directory, which gives the segment identifier, name, purpose, and the data elements it contains in their specified order. Contiguous optional data elements that appear at the end of a segment that are not used are omitted; transmission of the segment terminator signifies this omission. Successive data element separators between the data elements used indicate the omission of data elements.

Delivery: The placing of motor fuel or any liquid into the fuel tank of a motor vehicle or bulk storage facility

Destination: A point where the fuel is to be placed into storage facilities for consumption or resale

Destination State: Any state, territory, foreign country, or sovereign nation to which any reportable motor fuel is directed for delivery into any storage facility, receptacle, container, or any type of transportation equipment, for purposes of resale or use

Destination Terminal: A location with a Terminal Code Number (TCN) where product is shipped

Diesel Fuel: A form of crude oil used to power diesel engines or any liquid that is commonly or commercially known or sold as a fuel that is suitable for use in a diesel-powered highway vehicle. "Diesel Fuel" does not include jet fuel sold to a buyer who is registered with the Internal Revenue Service to purchase jet fuel and remit taxes on its sale or use to the Internal Revenue Service.

Diesel-Powered Highway Vehicle: A motor vehicle operated on a highway that is propelled by a diesel-powered engine.

DISA (Data Interchange Standards Association, ASC X12 Secretariat): A not-for-profit organization that supports the development and use of EDI standards in electronic commerce. In 1987, in response to the rapidly growing number of industries employing X12 standards, DISA was chartered by ANSI (American National Standards Institute) to provide ASC X12 with administrative services. In addition to supporting national standardization efforts, DISA offers the opportunity for its members to participate in the international standards-setting process through its affiliation with the United Nations for Electronic Data Interchange for Administration, commerce, and transportation (UN/EDIFACT).

Disbursement: Any transaction that decreases the inventory of a liquid product at a terminal; including all physical removals of liquid product from a terminal as well as book adjustments.

Distributor: A person who either produces, refines, blends, compounds, or manufactures motor fuel, imports motor fuel into a state or exports motor fuel out of a state, or who is engaged in distribution of motor fuel.

Diversion: All special fuel transported in a motor vehicle with a capacity of more than five thousand four hundred (5,400) gallons. A shipping paper/bill of lading stating name of purchaser, type of fuel, total gallons, origin state and destination state, anytime an incorrect shipping paper has been issued or fuel is diverted to another state.

Diversion Number: The diversion must be reported by the company diverting the fuel. The diversion number must be obtained before the diversion occurs. To report a Motor Fuel Diversion and obtain a Diversion Number, go to the Fuel Trac web site at: Trac3.net. Diversions must be reported within three (3) business days.

DOR: Indiana Department of Revenue

DTM (Date/Time Reference): A segment used to carry a date in CCYYMMDD format (Century, Year, Month, Day). This segment is used to report the period end dates, ending inventory date, and the transaction dates or bill of lading date.

Dyed Fuel: Diesel fuel or kerosene that is required to be dyed pursuant to United States Environmental Protection Agency rules or that is dyed pursuant to Internal Revenue Service rules or pursuant to any other requirements subsequently set by the United States Environmental Protection Agency or Internal Revenue Service including any invisible marker requirements

E

EDI Translation Software: Software that translates or converts application data in and out of the ANSI X12 format

Electronic Data Interchange (EDI): A computer-to-computer exchange of routine business data in a standard format. For pure EDI "computer-to-computer" means "original or sending application program-to-processing or receiving application program." EDI consists only of business data, not verbiage or free-form messages.

Element Separator: A defined character used to separate the information in a data element from information in another data element. This character defines where a data element ends and the next one begins. DOR recognizes the tilde ("~") to be used as the data element separator.

Eligible Purchaser: One who is in good standing with DOR and is authorized to make the election to defer paying the special tax to the supplier until the due date of the supplier's return

Envelope: The control structure of the EDI file. It encloses the EDI message.

Export: When the seller delivers fuel out of state or when delivered by or for the purchaser

Exporter: Any person, other than a supplier, who purchases special fuel in Indiana for the purpose of transporting or delivering to another state

F

Farm Tractor: All tractor-type, motorized farm implements and equipment excluding motor vehicles of the truck-type, pickup truck-type, automobiles, and other motor vehicles required to be registered and licensed each year pursuant to the provisions of the motor vehicle license and registrations laws of Indiana

FEIN (Federal Employer Identification Number): A nine-digit number that the IRS assigns in the following format: 00-0000000

FGS (Form Group Segment): Used to group similar information. This segment carries information about a section or data group on a form or schedule. This segment is used to report the ending inventory by product and the bill of lading number.

FTA (Federation of Tax Administrators): Organized in 1937, its membership includes the principal tax collection agencies of the 50 states, the District of Columbia, and New York City. Its mission is to improve the quality of state tax administration by providing services to state tax authorities and administrators. These services include research and information exchange, training, and intergovernmental and interstate coordination. The Federation also represents the interests of state tax administrators before Federal policymakers where appropriate.

Fuel Grade Alcohol: Methanol or ethanol with a proof of not less than 190 degrees (determined without regard to denaturants); and products derived from such alcohol for blending with motor fuel

Fuel Transportation Vehicle: Any vehicle designed for highway use, which is also designed or used to transport motor fuels and includes transport trucks and tank wagons

Functional Acknowledgment (TS-997): Transaction set used to acknowledge the results of the syntactical analysis of the electronic document. This acknowledgment shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. The ANSI standards contain the format and establish the data contents of the Functional Acknowledgment Transaction Set (997) for use within the cont4xt of an Electronic Data Interchange (EDI) environment (See Transmission Acknowledgment).

Functional Group Header: The beginning of a functional group and to provide control information. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Functional Group Trailer: Indicates the end of a functional group and provides control information. The data interchange control number GS02 in this trailer must be identical to the same data element in the associated functional group header and the trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

G

Gasoline: Commonly or commercially known or sold as gasoline that is suitable for use as a motor fuel. Gasoline does not include products that have an American Society for Testing and Materials (ASTM) octane number of less than seventy-five (75), as determined by the "motor method".

Gross Gallons: Total measured motor fuel, exclusive of any temperature or pressure adjustments, in U.S. gallons

H

Heating Oil: Fuel that is burned in a boiler, furnace, or stove for heating or industrial purposes

I

Import: Fuel delivered into Indiana from out of state, by or for the seller or the purchaser.

Import Verification Number (IVP): Number assigned by DOR with respect to a single transport truck delivery into Indiana from another state upon request. A licensed importer or transporter carrying undyed or unmarked special fuel, or both, into Indiana for the account of a licensed importer must request an assigned number.

Importer: Any person who is the importer of record, pursuant to federal customs law, with respect to motor fuel. If the importer of record is acting as an agent, the person for whom the agent is acting is the importer. If there is no importer of record of motor fuel entered into this state, the owner of the motor fuel at the time it is brought into Indiana is the importer.

Interchange: An electronic grouping of EDI transmission data, exchanged between trading partners. An interchange consists of electronic business documents such as terminal returns, carrier returns, invoices, etc.

Interchange Acknowledgment: The success or failure of a particular interchange transmission. It does not imply acceptance of the EDI documents that make up the Interchange.

Interchange Control Number: Number assigned by the sender that uniquely identifies the interchange envelope from other interchange envelopes created by the sender.

Interchange Envelope: Control structure or outer envelope of the EDI file. The outer envelope identifies both the sending and receiving parties. It contains security and standards information as well as the date the envelope was created. This standard provides the interchange envelope of a header segment (ISA) and trailer segment (IEA) for the interchange through a data transmission.

Interchange Header: Contains the sender and receiver EDI identification, the sender date and time, and a control number that uniquely identifies the interchange between the trading partners. It also defines the Data Element Separator, the Sub-element Separator, and the Segment Terminator to be used throughout the interchange. It defines the start of an interchange of zero or more functional groups and interchange-related control segments.

Interchange Trailer: Contains information to match it with its Interchange Header and audit trailer information to make certain that no data was lost during the transmission. It defines the end of an interchange of zero or more functional groups and interchange-related control segments.

Interstate Motor Fuel User: Any person who operates a motor vehicle with a licensed gross weight exceeding twenty-six thousand (26,000) pounds that travels from this state into another state or from another state into this state.

INTIME: DOR's e-services portal, Indiana Taxpayer Information Management Engine (INTIME), is available for customers to electronically manage their tax accounts at intime.dor.in.gov.

Inventory: A quantity of liquid product in storage as measured on a particular date at a particular time.

Invoiced Gallons: The gallons accurately billed on an invoice on payment to a supplier.

K

K-1 Kerosene A petroleum product having an A.P.I gravity of not less than forty (40) degrees, at a temperature of sixty (60) degrees Fahrenheit and a minimum flash point of one hundred (100) degrees Fahrenheit with a sulfur content not exceeding four one-hundredths (4/100) percent (%) by weight

Kerosene: The petroleum fraction containing hydrocarbons that are slightly heavier than those found in gasoline and naphtha, with a boiling range of one hundred forty-nine (149) to three hundred (300) degrees Celsius

L

Liquid: Any substance that is liquid in excess of 60 degrees Fahrenheit and at a pressure of fourteen and seven-tenths (14 7/10) pounds per square inch absolute

M

Mapping: An EDI term for the association of data field contents from an internal computer application such as fuel sales system to the field contents in the EDI standard (Transaction Set 813 = Tax Filing). The same mapping takes place in reverse during the receipt of an EDI document.

Mode: The method of transporting motor fuels special fuel

Modem: A device that connects a PC or other computer system to a phone line for the purposes of communication with a remote computer or network

Motor Fuel: Gasoline, diesel fuel, kerosene, and blended fuel

Motor Vehicle: A vehicle designed principally for road use and is propelled by an internal combustion engine or motor.

N

N1 (Name): Identifies a party by type of organization, name, and code. This segment is used to report the Information Provider's name and mailing name, origin TCN (Terminal Control Number) or state, carrier, consignor, and destination TCN or state information.

N2 (Additional Name Information): Is used to specify additional names. This segment is used to report the additional Information Providers' names. This segment cannot be used without the N1 segment.

N3 (Address Information): Used to specify address information for the named party. This segment cannot be used without the N1 segment.

N4 (Geographic Location): Used to specify the geographical location for the named party. This segment cannot be used without the N1 segment.

Net Gallons: Is the motor fuel measured in U.S. Gallons, when corrected to a temperature of sixty degrees Fahrenheit and a pressure of fourteen and seven-tenths (14 7/10) pounds per square inch absolute (psi).

Non-Qualified Distributor: A distributor that must pay the Indiana gasoline use tax to the Qualified Distributor.

P

PER (Administrative Communications Contact): Is used to identify an office or person to whom administrative communications should be directed.

Permissive Supplier: Any person who does not meet the geographic jurisdictional connections to Indiana required of a supplier; but who holds an inventory position in a federally qualified terminal located outside of Indiana and who is registered under Section 4101 of the Internal Revenue code.

Person: A natural person, who does not need a partnership, firm, an association, a corporation, a representative appointed by a court, the state, or any other entity, group, or syndicate.

Position Holder: The person who holds the inventory position in motor fuel in a terminal, as reflected on the records of the terminal operator. A person holds the inventory position in motor fuel when that person has a contract with the terminal operator for the use of storage facilities and terminaling services for motor fuel at the terminal. The term includes a terminal operator who owns motor fuel in the terminal.

Process Interruption: An abnormal termination of a program run caused by the electronic data submitted by an Electronic Filer.

Propel: Is the operation of a motor vehicle, whether it is in motion or at rest.

Public Highway: Every road, toll road, highway, street, way, or place generally open to the use of the public as a matter of right for the purposes of vehicular travel. This includes streets and alleys of any town or city notwithstanding that the same may be temporarily closed for construction, reconstruction, maintenance, or repair.

Q

Qualified Distributor: A gasoline distributor who must collect, report, and remit the Indiana gasoline use tax directly to DOR.

Qualified Terminal: A facility that has been assigned a Terminal Control Number (TCN) by the Internal Revenue Service.

Qualifier: A data element that gives a generic segment or a generic data element a specific meaning.

R

Rack: A dock, a platform, or an open bay with a series of metered pipes and hoses for delivering special fuel from a refinery or terminal into a motor vehicle, rail car, or marine vessel.

Received: The removal from any refinery or terminal in Indiana, or the entry into Indiana of any special fuel for consumption, use, sale, or warehousing except for transfer in bulk into or within a terminal in Indiana between registered suppliers.

REF (Reference Identification): Used to specify identifying information. This segment is used to report the SEIN, the Relationship to the Information, the No Activity and Position Holder or 637-number information.

Refiner: Any person who owns, operates, or otherwise controls a refinery.

Refinery: A facility used to produce motor fuel from crude oil, unfinished oils, natural gas liquids, or other hydrocarbons and from which motor fuel may be removed by pipeline, or by boat or barge, or at a rack.

Removal: Any physical transfer of motor fuel from a terminal, manufacturing plant, custom custody, pipeline, boat or barge, refinery or any facility that stores motor fuel.

Retailer: The person who is in the business of selling or distributing special fuel to the end user.

S

Segment: Each of the line items in a transaction set. A segment is composed of related data elements in a defined sequence.

Segment Terminator: A defined character used to separate the information in a segment from information in another segment. This character defines where a segment ends and the next one begins. The backslash "\" is the segment terminator.

SE (Transaction Set Trailer): Contains information to match it with its Transaction Set Header and audit trailer information to make certain that no data was lost during the transmission. It indicates the end of the transaction set and provides the count of the transmitted segments (including the beginning [ST] and ending [SE] segments).

SEIN (Sequence Error Identification Number): The receiver of the EDI data generates this number when errors are identified in the EDI submission. The errors are transmitted back to the sender along with the SEIN in the validation acknowledgment.

Separator Requirements: A defined set of characters used to separate elements from sub-elements, elements from segments and segments from each other.

SSN (Social Security Number): A nine-digit identification number used to identify individuals.

ST (Transaction Set Header): The start of a transaction set and to assign a control number to the EDI file. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition.

Sub-element: Like the data element, the sub-element is also the smallest unit of information in a segment that can convey information. The sub-elements are additional data elements available for use in a segment. The sub-element is also the smallest unit of information in a segment that can convey information. The sub-elements are additional data elements available for use in a segment. The sub-elements are defined in the Data Element Dictionary. An example of a sub-element is REF05 in the Relationship to the Information REF segment. This sub-element has an element reference in the data Element Dictionary of C040. C040 defines the additional data elements or sub-elements that are available for us in a segment. In this example, the map defines the sub-element to carry the State Abbreviation.

Sub-element Separator: A defined character used to separate the information in a data element or sub-element from information in another sub-element. This character defines where a data element or sub-element ends and the next one begins. The caret "^" is to be used as the sub-element separator.

Supplier: A person who imports or acquires special fuel by pipeline or marine vessel into a terminal; or who imports special fuel into Indiana from a foreign country. Or is a person who produces, manufactures, or refines special fuel within Indiana; or who owns special fuel in the pipeline and terminal distribution system in Indiana, and is registered under Section 4101 of the Internal Revenue Code.

Syntax: Refers to the rules that govern the structure of the user data and of associated data in the EDI file

T

Tank Wagon: A straight truck having multiple compartments designed or used to carry motor fuel.

Terminal: Fuel storage and distribution facility that is supplied by pipeline or marine vessel, and from which special fuel may be removed at a rack and that is registered as a qualified terminal by the Internal Revenue Service.

Terminal Operator: The person who by ownership or contractual agreement is charged with the responsibility and physical control over the operation of the terminal.

TCN (Terminal Control Number): Identification number assigned by IRS to each approved terminal and published in the Federal Register; used for reporting origin or destination.

TIA (Tax Information and Amount): Used to specify the tax information and/or amount and is to be used for reporting tax information as established by taxing authorities. This segment is used to report the version of the State's EDI Guide, total net gallons for the period, total product transported, and bill of lading net and gross gallons.

Trading Partners: The sending and receiving parties involved in the exchange of electronic data interchange transmissions.

Transaction Sets: Term used in EDI to describe the electronic transmission of a single document, defined by a number and a name (For example, 810 Invoices, 813 Tax Filings) between trading partners. The data included in a transaction set conveys the same information as a conventional business document. A transaction set consists of a header segment, one or more detail segments, and a summary or trailer segment.

Translation: Process of extracting information from existing computer applications and mapping it into the appropriate format of EDI standards for sending to a trading partner

Transmission Acknowledgment: The ANSI TX-997 Transaction Set is known as the Functional Acknowledgment. This acknowledgment notifies the sender that the electronic return was received and accepted, accepted with errors, or rejected. The acknowledgment file is not for errors associated with the data but for errors in the ANSI structure or layout of the file. There has not been any math or data validation performed on the information return. The check is made for syntax errors that could prevent a file from being processed or information within the file from being utilized. The 997 Acknowledgment file is created every time an Electronic Filer submits an information return.

Transmix: Fuel used as a buffer between two (2) different products in a pipeline shipment, or a mix of two (2) different products within a refinery or terminal that results in an off-grade mixture

Transport Truck: A semi-trailer combination rig designed or used to transport motor fuel over the highways

Transporter: The person and agent, including the driver, that transports motor special fuel

Two-Party Exchange: Transaction in which the motor fuel is transferred from one licensed supplier or licensed permissive supplier to another licensed supplier or licensed permissive supplier and; the transaction includes a transfer from the person that holds the original inventory position for the motor fuel in the terminal as reflected on the records of the terminal operator; and; the exchange transaction is simultaneous with removal from the terminal by the receiving exchange party as the supplier, which removes the product across a terminal rack for purposes of reporting such events to this state.

U

Ultimate Vendor: Person who sells motor fuel to the consumer.

Undyed Diesel Fuel: Fuel that is not subject to the United States Environmental Protection Agency dyeing requirements or has not been dyed in accordance with Internal Revenue Service fuel dyeing provisions.

V

Vehicle Fuel Tank: Any receptacle on a motor vehicle from which fuel is supplied for the propulsion of the motor vehicle

W

Wholesaler: Person who acquires special fuel from a supplier or from another wholesaler for subsequent resale to a retail establishment or bulk end user by tank cars, motor vehicles, or both.

X

X12: The North American ANSI EDI standard, which arose in 1979.

Tax Rate Change History

Pursuant to Indiana Code IC 6-6-1.1-201(b) and Indiana Code 6-6-2.5-28(b), Departmental Notice #43 contains a list of the annual tax rate changes for gasoline and gasohol, as well as special fuel.

DOR provides these required calculation changes as shown by form type and refund tax period.

EDI recertification is not necessary as only the rates change.

Include the new rate calculations in your software when applicable.