



Petroleum Card Specification

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Petroleum Card Specification V1.2

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About This Guide

This guide contains information about various fleet (and other) cards that you can use in conjunction with the *Worldpay Petroleum Transaction Message Specification*. This information will ensure consistent terminal performance on the various fleet programs when programmed to the Worldpay petroleum specifications.

Intended Audience

This document is intended for users of the Worldpay Petroleum Message Format.

Revision History

For revision history for this document prior to April 2015, consult your Relationship Manager.

This document has been revised as follows:

TABLE 1 Document Revision History

Doc. Version	Description	Location(s)
1.2	In Table 1-3 , updated the maximum prompt lengths for the following: Driver #, Vehicle #, Job #, Department #, License #, and User ID.	Chapter 1
1.1	Removed this chapter (Card Ranges) due to the fact that the information changes so frequently.	Chapter 18
1.0	This is a new guide.	

Document Structure

This manual contains the following sections:

Chapter 1, "Wright Express"

This chapter describes the card specifications for the Wright Express card, a commercial fueling card.

Chapter 2, "Voyager"

This chapter describes the card specifications for the Voyager card.

Chapter 3, "Visa Fleet"

This chapter describes card specifications for Visa Fleet.

Chapter 4, "Mastercard Fleet"

This chapter describes card specifications for Mastercard Fleet.

Chapter 5, "FuelLynk"

This chapter describes the card specifications for FuelLynk.

Chapter 6, "Fleet One"

This chapter describes the card specifications for Fleet One.

Chapter 7, "FuelMan, GasCard, and FleetWide"

This chapter describes the card specifications for FuelMan, GasCard, and FleetWide.

Chapter 8, "Sprint Phone Card"

This chapter describes the card specifications for the Sprint phone card.

Chapter 9, "Worldpay Gift Cards"

This chapter describes the card specifications for Worldpay gift cards.

Chapter 10, "Stored Value Systems (SVS) Card"

This chapter describes the card specifications for Stored Value Systems cards.

Chapter 11, "Fina Fleet"

This chapter describes the card specifications for Fina Fleet cards.

Chapter 12, "Fina Card"

This chapter describes the card specifications for Fina cards.

Chapter 13, "Walmart Consumer Card"

This chapter describes the card specifications for the Walmart Consumer card.

Chapter 14, "Murphy Oil Company (MOC) Wright Express Card"

This chapter describes the card specifications for the Murphy Oil Company Wright Express card.

Chapter 15, "MFA Preferred Card"

This chapter describes the card specifications for the MFA Preferred card.

Chapter 16, "Debit Cards"

This chapter describes the card specifications for debit cards.

Chapter 17, "EBT Cards"

This chapter describes the card specifications for the EBT card.

Chapter 18, "Card Ranges"

This chapter provides the card ranges for all supported card types.

Appendix A, "Default Dispenser Card Reader Preauthorization Amounts and Cutoff Amount"

This appendix provides default pre-authorization and cutoff amounts for dispenser card readers.

Appendix B, "Fleet Card Partial Authorization and Force Sale Processing"

This appendix provides partial approval and force sale information for each Fleet card type.

Appendix C, "Fleet Card Restrictions and Prompts"

This appendix provides a visual representation of the restrictions and prompts that apply to fleet cards.

Documentation Set

The documentation set also includes the following:

- *Petroleum Transaction Message Specification*

Typographical Conventions

Table 2 describes the conventions used in this guide.

TABLE 2 Typographical Conventions

Convention	Meaning
.	Vertical ellipsis points in an example mean that information not directly related to the example has been omitted.
...	Horizontal ellipsis points in statements or commands mean that parts of the statement or command not directly related to the example have been omitted.

TABLE 2 Typographical Conventions

Convention	Meaning
< >	Angle brackets are used in the following situations: • user-supplied values (variables) • XML elements
[]	Brackets enclose optional clauses from which you can choose one or more option.
bold text	Bold text indicates emphasis.
<i>Italicized text</i>	Italic type in text indicates a term defined in the text, the glossary, or in both locations.
blue text	Blue text indicates a hypertext link.

Contact Information

Technical Publications - For questions or comments about this document, please address your feedback to the Technical Publications Department. All comments are welcome.

TABLE 3 Technical Publications Contact Information

E-mail	TechPubs@vantiv.com
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Wright Express

The Wright Express card is a commercial fueling card. It is a Purchase Device Sequence Number card system only. If there is one driver for the vehicle or if there are many drivers for the vehicle, they can all use the same Purchase Device Sequence Number card. Each driver must have a unique driver ID. The first digit of the driver ID may be equal to zero.

1.1 Card Specifications

TABLE 1-1 Wright Express

	• Odometer should be the first Cardholder Prompt for all Wright Express cards. • Wright Express allows multiple fuels per transaction. • The Product Restriction field (positions 27-28 on the Track 2) indicates whether this is fuel only or if other products are allowed. • If the Product ID field (positions 11-12 of the account number) is 01, do not prompt for Driver Number or Odometer. Zero fill the Odometer value and use four zeros (left justify and blank fill) for Driver. A value of 01 at positions 11-12 of the account number indicates the card is SCAS (Standard Card Account Summary) card; therefore, there is no prompting. • The POS displays NO DRIVER ID REQD and then displays the next prompt. • Worldpay performs a Mod 10 check digit routine on the six digit Fleet Number on the Track 2. • Worldpay requires a signature except for pay-at-the-pump. • Non-fuel sites should not check fuel restrictions. • On a magnetic read console and pay-at-the-pump authorizations and sales, the POS must use the Track II Purchase Device Sequence Number to populate the Customer Data field along with the proper Card Data code of DS. For example, a Track II Purchase Device Sequence Number of 12345 displays as :DS12345 on the Customer Data Field. • All POS developing to Worldpay specifications and creating an initial application should use WEX 2.0.2 • Use Prompt Table Key 5 and Prompt Code 9 fields on the Track 2. See Appendix C, "Fleet Card Restrictions and Prompts". • Anytime someone enters a Wright Express card, the POS must prompt for a Purchase Device. • Sequence Number
Notes	
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	The length is 13 without the ISO BIN and 19 with the ISO BIN.

1.1.1 Applying Product Restrictions

Product restrictions are no longer enforced at the terminal for Wright Express transactions. Regardless of products allowed on the product restriction flag, the terminal must pass the transaction to the host where the network will control if it is an allowed product.

The only deviation from this behavior is stand-in processing. If the terminal is unable to communicate with the host but configured to process in stand-in mode, the terminal must verify that the product restrictions allow the purchase of product before issuing a local authorization for the transaction.

Table 1-2 lists the different levels of products.

TABLE 1-2 Wright Express Product Levels

Code	Description
00	Fuel only
01	Unrestricted
02	Fuel + Automotive Only
04	Fuel + Oil Only

If a product restriction code contained in the track does not fall into one of these product level options, the terminal may treat the card as unrestricted (01).

1.1.2 Prompts for WEX 2.0.2

All POS coding to the 2.0.2 WEX specification must use Table 1-3 and Table 1-4 to determine proper prompts and field lengths.

1.1.2.1 POS Related Prompt Option Table

The Vehicle #, mentioned in both Table 1-3 and Table 1-4, is a new prompt value. It is not the same as the Purchase Device Sequence Number. There will always be a Purchase Device Sequence Number and occasionally there will be a Vehicle #.

1.1.2.2 Expanded Prompt Codes

Wright Express has expanded from a one prompt routine for manual and a one combination for swiped to a total of 43 possible combinations of prompts. The prompts are determined by a combination of byte 25 (Field 5) and byte 37 (Field 9) on track 2 as shown in the following example:

```
;6900460420002190080=15121011653100000?
```

In the event that the track is unreadable, the terminal must prompt for a prompt code. The face of a new cards displays and has a format of fields 5 then 9. For example, the card in the example would have prompt code 10 on the face of the card. Not all issued cards will have prompt codes on the face. The terminal must allow you to press Enter at this prompt. If you press Enter instead of a product code, revert to current logic for driver ID, PD Seq #, and odometer prompt.

While all of Alon's non-SCAS Fina Fleet cards (Prefix is 690046 and account begins with 072000) will operate under the new Wex prompt code logic, the SCAS program will not. Alon did not issue its Fina Fleet program with these prompt fields embedded as 00 on the SCAS program, so terminals must still identify SCAS using the current method (Prefix is 690046 and Account begins with 072001) and should not prompt for driver or odometer regardless of the values for field 5 and field 9.

1.1.2.3 POS Related Prompt Option Table

The maximum is the number of digits that a customer must enter to satisfy prompt requirements.

Worldpay requires prompt entry by the customer unless the customer has selected a no prompt option.

TABLE 1-3 Wright Express Prompt Options

Prompt Options	Prompt Length	Type	Minimum Display Recommendation	Worldpay Card Data Code	Mask on Entry Device	Display on Receipt
Purchase Device Sequence #	Min: 5 Max: 5	Num	PDSEQ#	DS		Yes
Driver #	Min: 4 Max: 15	Num	DRVR#	3	Yes	
Vehicle #	Min: 1 Max: 15	Num	VEH#	2		
Job #	Min: 1 Max: 15	AN	JOB#	DJ		
Department #	Min: 1 Max: 15	AN	DEPT#	DD		
Odometer	Min: 1 Max: 9	Num	ODOM#	4		
License #	Min: 1 Max: 15	AN	LIC#	7		
Data	Min: 1 Max: 12	AN	CUST DATA	G		
User ID	Min: 1 Max: 31	AN	USER ID	0		

NOTE: All transactions require a Purchase Device Sequence number. Swiped transactions can pull from the Track while manual transactions must prompt the cardholder to enter their sequence number. Whether obtained from the track or the customer, the transaction must send the purchase device sequence to the host in the customer data fields and flagged as DS.

1.1.2.4 Magnetic Stripe Initiated POS Prompt Codes

TABLE 1-4 Wright Express Magnetic Stripe Initiated POS Prompt Codes

Field 5	Field 9	Description	Field 5	Field 9	Description	Field 5	Field 9	Description
0	0	No Prompts	2	4	Data, Driver ID, Job #	3	9	Odometer, User ID, Department #
1	0	Odometer, Driver ID	2	5	Data, Vehicle ID, Job #	4	0	Odometer, Vehicle ID, Department #
1	1	Odometer, Vehicle ID	2	6	User ID	4	1	Department #
1	2	Odometer	2	7	Odometer, User ID	4	2	Data, User ID, Department #
1	3	Driver ID, Vehicle ID	2	8	Odometer, Driver ID, User ID	4	3	Data, Vehicle ID, Department #
1	4	Driver ID	2	9	Odometer, Vehicle ID, User ID	4	4	Data, Driver ID, Department #
1	5	Vehicle ID	3	0	Odometer, User ID, Data	4	5	Data, Driver ID, User ID
1	6	Driver ID, Job #	3	1	Odometer, Data, User ID	4	6	Data, User ID, License #
1	7	Vehicle ID, Job #	3	2	User ID, Job #	4	7	Data, Vehicle ID, License #
1	8	Odometer, Vehicle ID, Driver ID	3	3	Vehicle ID, User ID	4	8	Data
1	9	Odometer, Driver ID, Job #	3	4	Driver ID, User ID	4	9	Driver ID, Data

TABLE 1-4 Wright Express Magnetic Stripe Initiated POS Prompt Codes

Field 5	Field 9	Description	Field 5	Field 9	Description	Field 5	Field 9	Description
2	0	Odometer, Vehicle ID, Job #	3	5	Driver ID, Department #	5	0	User ID, Data
2	1	Odometer, User ID, Job #	3	6	User ID, Department #	5	1	Vehicle ID, Data
2	2	Odometer, Driver ID, Data	3	7	Vehicle ID, Department #	5+	2+	Reserved for future use
2	3	Odometer, Vehicle ID, Data	3	8	Odometer, Driver ID, Department #			

1.1.3 Track 2 Data

There is no Track 1 data for WEX.

TABLE 1-5 Wright Express Track 2 Data

Data	Length
;	
690046 or 707138	6
Account number	13
Client	2
State	2
Product ID	2
Fleet number	6
Fleet number's check digit	1
=	1
Expiration date (yy/mm)	4
Prompt table key 5	1
Fuel restriction • 00 - Fuel only • 01 - Unrestricted • 02 - Fuel & Automotive • 04 - Fuel & Oil	2

TABLE 1-5 Wright Express Track 2 Data

Data	Length
Purchase Device Sequence Number	5
Product restriction	2
Filler	2
Prompt code 9	1
End sentinel	1
LRC	

1.1.4 Embossing

- Account number without 690046 or 707138
- Prefix is 690046 or 707138
- Purchase Device Sequence Number (9999-9)
- Expiration date (mmyy)
- FUEL ONLY if restricted

1.1.5 Manual Entry Processing

If the entered account number is 13 digits long, the POS will perform a Mod 10 Check routine on the Fleet Number (the 7th through 12th characters of the entered account). If the Mod 10 result matches the 13th digit of the entered account, then the POS processes the prefix.

The terminal must then prompt the cashier for the card prefix. The card prefix is a fixed length six digit field and should display on screen as the cashier types. The prompt should display to the cashier not the customer. The prefix must then be verified against the Wright Express valid BIN list, as it should always fall within the range of one of the two Wright Express BINs.

Once the operator enters the prefix, it is added to the 13 digit PAN as the leading 6 digits, forming the full 19 digit PAN.

If the entered account does not pass this checking routine, the operator will see an `INVALID ACCT` on the display rejecting the account.

Voyager

Voyager is a commercial fueling card.

2.1 Card Specifications

TABLE 2-1 Voyager

Notes	• If the Product Restriction Code, which is directly after the Expiration Date on both Track 1 and Track 2, has a first position equal to three for ID and Odometer, the Odometer should be the first Cardholder Prompt. • You can enter prompts on the terminal if a pin pad is not available. • Manual entry should construct Track 2 data including Product Restriction Code. • The account number can be broken into: • Account (8), account check-digit (1), card id (5), super check-digit (1) • The account check-digit is an LUHN check on the 8-digit account number immediately preceding • The super check-digit is an LUHN check on the 18-digit account number immediately preceding • Requires signature except for pay-at-the-pump
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	The length is 15 without the ISO BIN and 19 with the ISO BIN.

2.1.1 Restrictions

Restriction enforcement is at the terminal.

TABLE 2-2 Voyager Restrictions

First character	Prompts
0	None
1	ID
2	Odometer
3	ID, Odometer
Second character	Restrictions
0	None
1	Fuel only

2.1.2 Prompt Fields

TABLE 2-3 Voyager Prompt Fields

Prompt field	Details
ID	Size 4, 5, or 6
	Right-justify and zero fill to size 6.
	Do not print on receipt
	Greater than zero if required
	Always send field to host
	Masking input (recommended)
	Send all zeros to the host if not required
Odometer	Max size 7
	Right-justify and zero fill to size 7
	Print on receipt
	Requires minimum of 1-digit entry
	Always send field to host
	Send all zeros to the host if not required
Restriction code	Size 2
	On manual-entry, add to the created track 2 data.
	Verify values: 00, 01, 10, 11, 20, 21, 30, 31

2.1.3 Prompts

TABLE 2-4 Prompts

Prompts (manual-entry)	Prompts (swiped-entry)
Restriction Code	ID - depends on restriction code
ID - depends on restriction code	Odometer - depends on restriction code
Odometer - depends on restriction code	

2.1.4 Track Data

TABLE 2-5 Track 1 Data

Track 1 Data	Length
%	
7088	4
Account number	8
Account number check digit	1
Card ID	5
Second check digit	1
Field separator	1
Customer name	25
Field separator	1
Expiration date (yy mm)	4
Product restriction code	2
Discretionary data	13
?	
LRC	

TABLE 2-6 Track 2 Data

Track 2 Data	Length
;	
7088	4
Account number	8
Account number check digit	1
Card ID	5
Second check digit	1
=	1
Expiration date (yy mm)	4
Product restriction code	2
000000000000	11
?	

TABLE 2-6 Track 2 Data

Track 2 Data	Length
LRC	

2.1.5 Embossing

- Account number without 7088, always starts with: 85, 86, 87, 88, 89
- Restriction code
- Expiration date (mmyy)

2.2 Manual Entry Processing

If the account number the operator enters is 15 digits long and the first two characters are 85, 86, 87, 88 or 89, the POS performs a Luhn Check on the first 8 characters of the entered account. If the Luhn Check result matches the 9th character of the account, the POS adds the prefix 7088 as the first four characters of the account, giving the full 19 character Voyager account.

If the entered account does not pass this checking routine, the POS displays a rejection (INVALID ACCT) to the operator.

Visa Fleet

Visa Fleet is a commercial fueling card processed through Visa to the issuing financial institutions.

3.1 Card Specifications

TABLE 3-1 Visa Fleet

Notes	• If the Service Prompt field is equal to 1, 2 or 3, the Odometer must be the first Cardholder Prompt. • Restriction codes are the last 2 positions in track 1 and track 2 data before the end sentinel. • Fuel-and-maintenance and fuel-only vehicle cards do not require signature. • Driver and non-restricted vehicle cards require a signature except for pay-at-the-pump. • Valid SIC codes are: 4468, 4582, 5499, 5511, 5533, 5532, 5541, 5542, 5599, 5983, 7531, 7534, 7538, 7542, 7549, and 7699.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	13 or 16

3.1.1 Restrictions

TABLE 3-2 Visa Fleet Restrictions

Position	Prompts
First	
0, 3, 4, 5, 6, 7, 8, 9	None
1	Fuel and maintenance only
2	Fuel only
Second	
0, 7, 8, 9	None
1	ID, Odometer
2	Vehicle, Odometer
3	Driver, Odometer
4	Odometer
5	None
6	ID

3.1.2 Restriction Enforcement

Restriction enforcement is at the terminal.

TABLE 3-3 Visa Fleet Restriction Enforcement

Prompt fields	Details
ID	Size 6 Must be at least one digit on swiped entry May be bypassed via Enter on manual entry Masking input, desired - not required Do not print on receipt
Vehicle ID	Size 6 Must be at least one digit on swiped entry Print on receipt
Driver ID	Size 6 Must be at least one digit on swiped entry Masking input, desired - not required Do not print on receipt

TABLE 3-3 Visa Fleet Restriction Enforcement

Prompt fields	Details
Odometer	Size 7 Must be at least one digit on swiped entry May be bypassed via Enter on manual entry Printed on receipt

3.1.3 Prompts

TABLE 3-4 Visa Fleet Prompts

Prompts (manual-entry)	Prompts (swiped-entry)
ID (this may be ID, Vehicle, or Driver)	ID - Depends on restriction code
Odometer	Vehicle ID - Depends on restriction code
(Manual entry allows both fuel and non-fuel)	Driver ID - Depends on restriction code
	Odometer - Depends on restriction code

3.1.4 Track Data

TABLE 3-5 Visa Fleet Track 1 Data

Track 1 Data	Length
%	
B	
Account number	16
^	1
Name	2-26; variable
^	1
Expiration date (yy mm)	4
Service/PIN codes	3 or 8
Discretionary data	8-10; variable
000000000	9
Service restrictions	1
Service prompts	1
?	
LRC	

TABLE 3-6 Visa Fleet Track 2 Data

Track 2 Data	Length
;	1
Account number	13 or 16
=	1
Expiration date (yy mm)	4
Service/PIN codes	3 or 8
CVV	3
Issuer information	Variable
Service restrictions	1
Service prompts	1
End sentinel	1
LRC	

3.1.5 Embossing

- FLEET
- Expiration date (mmyy)
- Vehicle Card and Vehicle ID if a fuel-and-maintenance or a fuel-only vehicle card
- Fuel and Maintenance Locations Only if a fuel-and-maintenance vehicle card
- Fuel Only if a fuel-only vehicle card

Mastercard Fleet

Mastercard Fleet is a commercial fueling card processed through Mastercard to the issuing financial institutions.

4.1 Card Specifications

TABLE 4-1 Mastercard Fleet

Notes	- If the Service Prompt field is equal to 1, 2 or 3, the Odometer must be the first Cardholder Prompt. - Restriction codes are the last 2 positions in track 1 and track 2 data before the end sentinel. - Valid SIC code are the following; 4468, 5499, 5541, 5542, 5983, and 7511. - If the POS cannot read the magnetic stripe, it will default to Service Prompt level 1 and prompt for Odometer and Id Number. For Inside transactions, the POS must allow the cardholder to bypass the prompts to insure that the transaction completes.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	16

4.1.1 Restrictions

Restriction enforcement is at the terminal.

TABLE 4-2 Mastercard Fleet Service Restriction Codes

Service Restriction Codes	Prompts
1	None
2	Fuel only

TABLE 4-3 Mastercard Fleet Service Prompts Code

Service Prompts Code	Prompts
1	ID, Odometer
2	Vehicle ID, Odometer
3	Driver ID, Odometer
4	Odometer
5	None

4.1.2 Prompt Fields

TABLE 4-4 Mastercard Fleet Service Prompts Fields

Prompt fields	Details
ID	Maximum size 6 May be zero Must be at least one digit on a swiped entry May be bypassed via Enter on manual entry Masking input (recommended) Do not print on receipt
Vehicle ID	Maximum size 6 May be zero Must be at least one digit on swiped entry Do not print on receipt
Driver ID	Maximum size 6 May be zero Must be at least one digit on swiped entry Masking input (recommended) Do not print on receipt
Odometer	May be zero Must be at least one digit on swiped entry May be bypassed via Enter on manual entry Printed on receipt

4.1.3 Prompts

TABLE 4-5 Mastercard Fleet Service Prompts

Prompts (manual-entry)	Prompts (swiped-entry)
ID (may be ID, Vehicle, or Driver)	ID - Depends on restriction code
Odometer	Vehicle ID - Depends on restriction code
	Driver ID - Depends on restriction code
	Odometer - Depends on restriction code

4.1.4 Track Data

TABLE 4-6 Mastercard Fleet Track 1 Data

Track 1 Data	Length
B	
Account number	16
^	1
Name	2-26; variable
^	1
Expiration date (yy/mm)	4
Service code	3
Discretionary data	22; variable
Service restriction	1
Service prompts	1
End sentinel	1
LRC	

TABLE 4-7 Mastercard Fleet Track 2 Data

Track 2 Data	Length
Account number	16
=	1
Expiration date (yy/mm)	4
Service code	3
Discretionary data	11 (variable)
Service restriction	1
Service prompts	1
End sentinel	1
LRC	

4.1.5 Embossing

- Expiration date (mmyy)
- Cardholder's Names

FuelLynk

FuelLynk is a commercial fueling card that Worldpay issues.

5.1 Card Specifications

TABLE 5-1 FuelLynk

Notes	- If the Prompt Code field is 1, the Odometer must be the first Cardholder Prompt. - There is no check-digit on the PAN. - The expiration date on the strip is mmyy instead of yymm.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	19

5.1.1 Restrictions

Restriction enforcement is at the terminal when possible.

TABLE 5-2 FuelLynk Vehicle Prompts

Vehicle Prompt	Description
1	None
2	Vehicle ID
Other	None
Dollar limit	Description
Non-zero	Maximum dollar amount allowed per ticked
000	Unlimited

Use the prompt codes in conjunction with the vehicle prompts to determine all prompts for the card.

TABLE 5-3 FuelLynk Prompt Codes

Prompt code	Description
0	Odometer, Fleet PIN/user ID
1	Odometer
2	Fleet PIN/User ID
3	None

TABLE 5-4 FuelLynk Restriction Codes

Restriction Code	Description
0	None
1	Fuel only
2	Fuel and maintenance only
0	None
1	Unleaded
2	Super
3	Mid-grade
4	Diesel
5	Diesel-super
6	Hybrid fuels (propane, ethanol, etc.)

5.1.2 Prompt Fields

TABLE 5-5 FuelLynk Prompt Fields

Prompt Field	Details
Odometer	The maximum length is 7. It must contain at least one digit on a swiped entry. You can bypass it using Enter when entering it manually.
Fleet PIN or User ID	The maximum size is 4. For a manual entry, you can bypass using ENTER. Worldpay recommends masking input but does not require it.
Vehicle ID	The maximum size is 5. Worldpay requires this if the seventh digit of the PAN is 2.

5.1.2.1 Prompts

TABLE 5-6 FuelLynk Prompts

Prompts (manual-entry)	Prompts (swiped-entry)
Odometer	Odometer - This depends on the restriction code.
Fleet PIN/User ID	Fleet PIN/User ID - This depends on the restriction code.
Vehicle - depends on the seventh digit of the PAN	Vehicle - This depends on the seventh digit of the PAN.

5.1.3 Track Data

TABLE 5-7 FuelLynk Track 1 Data

Track 1 Data	Length
B	
700031	6
Vehicle prompt	1
Account number	12
^	1
Name	24
^	1
Expiration date (mmyy)	4
Filler	3
Dollar limit	3
Prompt code	1
Restriction code	1
Fuel restriction	1
Filler	13 This is optional.

TABLE 5-8 FuelLynk Track 2 Data

Track 2 Data	Length
700031	6

TABLE 5-8 FuelLynk Track 2 Data

Track 2 Data	Length
Vehicle prompt	1
Account number	12
=	1
Expiration date (mmyy)	4
Filler	6
Dollar limit	3
Prompt code	1
Restriction code	1
Fuel restriction	1
Filler	1 This is optional.
LRC	

5.1.4 Embossing

- The PAN will not contain any spaces or breaks.
- Restrictions and prompts are embossed at the customer's discretion.

Fleet One

Fleet One is a commercial fueling card.

6.1 Card Specifications

TABLE 6-1 Fleet One

Notes	• The odometer must be the first Cardholder Prompt. • There is no expiration date checking. • The P.O. number on receipt is optional. • Truncate PAN on receipt. • The ninth character of the PAN (the first digit of the account number) should be 4 for the Local program. This application does not support the Over-The-Road (OTR) program. • When the operator manually enters the PAN, the POS should not prompt for an expiration date. • The expiration date sent to the host should be zeros (0000) followed by another 6 zeros for the created track 2 data. • Voice authorizations are available from Fleet One. • Stand-in is at the merchant's risk. • Completions should be sent to the host within 20 minutes. • Pre-authorization requests return the maximum amount authorized for fueling; therefore, the POS must check and use the dollar amount returned in the Total Amount field on the TRSP. Refer to the Transaction Response (TRSP) section in the <i>Worldpay Petroleum Transaction Message Specification</i>.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	19

6.1.1 Restrictions

Restriction enforcement is at the terminal for optional product restrictions.

TABLE 6-2 Fleet One Restrictions

Prompt Code	Description
11	Odometer and Driver ID/Fleet PIN
15	Odometer, Driver ID/Fleet PIN, and PO/Reference number On preauthorization, Worldpay returns the fueling dollar limit.

6.1.2 Prompt Fields

TABLE 6-3 Fleet One Prompt Fields

Prompt Field	Details
Odometer	Minimum length 1, maximum length 6 Minimum value 1 Print on receipt
Driver ID or Fleet PIN	Minimum length 4, maximum length 4 Minimum value 1 Masking input (recommended)
P.O. or Reference Number	Minimum length 2-max length 6 Minimum value 10

6.1.2.1 Prompts

TABLE 6-4 Fleet One Prompts

Prompts (manual-entry)	Prompts (swiped-entry)
Odometer - depends on prompt code	Odometer - This depends on the prompt code.
Drive ID/Fleet PIN - depends on prompt code	Drive ID/Fleet PIN - This depends on the prompt code.
PO/Reference number - depends on prompt code	PO/Reference number - This depends on the prompt code.

6.1.3 Track Data

There is no Track 1 data.

TABLE 6-5 Fleet One Track 2 Data

Track 2 Data	Length
;	1
501486	6
Prompt code	2
Account number	10
Check digit	1

TABLE 6-5 Fleet One Track 2 Data

Track 2 Data	Length
=	1
Expiration date	4
Member number	1
PIN offset	6
Other	0 - 8 (variable)
End sentinel	1
LRC	

6.1.4 Embossing

- Full PAN - 501 486# #####
- Fleet company name
- Cardholder name/information

FuelMan, GasCard, and FleetWide

FleetCor Corporation issues the FuelMan, GasCard and FleetWide Commercial Fueling Cards.

FleetWide cards operate exactly like Fuelman and GasCard. They are identified uniquely by the numbers 98 as the seventh and eighth characters after the 707685 ISO BIN range.

7.1 Card Specifications

TABLE 7-1 FuelMan, GasCard, and FleetWide

Notes	• Driver ID and Odometer are required prompts. • Odometer must be the first cardholder prompt. • When pre-authorizing the transaction through an attendant, you must send the product code and price per gallon for the purchase with the authorization request. • Pre-authorization requests return the maximum amount authorized for fueling. • Pre-authorization requests are only for fuel purchases. • Expiration dates must be checked. • Only pre-authorizations, sales, completions, and voids are valid. Returns are not allowed. • An approved response may request that a Customer Number display to the cardholder if instructed to do so by the host (Currently, FleetCore does not use this.) • When voiding a transaction, the text REVERSAL OF TRAN 9999, where 9999 is the transaction sequence number, must appear at the top of the receipt.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	• Fuelman The BIN is 707649, and the length is 17. • GasCard and FleetWide The BIN is 707685, and the length is 17.

7.1.1 Restrictions

Pre-authorization returns the fueling dollar limit.

Restriction enforcement is at the issuing host for products and at the terminal for fueling dollar limit.

7.1.2 Prompt Fields

TABLE 7-2 FuelMan, GasCard, and FleetWide Prompt Fields

Prompt Fields	Details
Driver ID Number	Size 5
	Right-justify and zero-fill to length

TABLE 7-2 FuelMan, GasCard, and FleetWide Prompt Fields

Prompt Fields	Details
	Not printed on the receipt
	Masked entry, required
	Zero not allowed
Odometer	Maximum length 6
Customer Number	Size 6 Right-justify, zero-fill to length Not printed on the receipt Masked entry, required The authorization response returns the request for this. Prompted, if needed, after an approved authorization.

7.1.2.1 Prompts

TABLE 7-3 FuelMan, GasCard, and FleetWide Prompts

Prompts (manual-entry)	Prompts (swiped-entry)
Driver ID Number	Driver ID Number
Odometer	Odometer
Customer number (based on host response)	Customer number (based on host response)

7.1.3 Track Data

There is no Track 1 data.

TABLE 7-4 FuelMan, GasCard, and FleetWide Track 2 Data

Track 2 Data	Length
;	1
ISO BIN	6
Issuer Identifier	5
Card Number	6
=	1

TABLE 7-4 FuelMan, GasCard, and FleetWide Track 2 Data

Track 2 Data	Length
Expiration Date (yy-mm)	4
Variable	1-15
End sentinel	1
LRC	

7.1.4 Embossing

ISO BIN <space> Issuer Identifier <space> Card Number

Sprint Phone Card

Spring issues Sprint phone cards.

8.1 Card Specifications

TABLE 8-1 Sprint Phone Card

Notes	• The tracking number is pulled from the track data. This is the CVV data field on Track 2 and the name field on Track 1. • The tracking number should be printed on the receipt. • Manual-entry transactions are not allowed, only swiped transactions. • Only activation transactions (no sales, returns, voids, and son on) are allowed. • These transactions are not included in settlement totals or uploads. • The account number has an LUHN digit and should be checked. • Check the expiration date. • Activations can be run as a Visa preauthorization transaction.
ISO BIN Ranges	See Appendix 18, "Card Ranges" .
Length	16

8.1.1 Restrictions

None

8.1.2 Prompt Fields

There are no prompt fields for Sprint Phone cards.

8.1.2.1 Prompts

Sprint does not allow manual entry prompts. There are no swiped entry prompts.

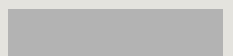
8.2 Track Data

TABLE 8-2 Sprint Phone Card Track 1 Data

Track 1 Data	Length
%	
B	
Account number	16
^	1
Name/tracking number	26 (variable)
^	1
Expiration date (yy mm)	4
Service code	3
Blank	15
CVV data (000)	3
End sentinel	1
LRC	

TABLE 8-3 Sprint Phone Card Track 2 Data

Track 2 Data	Length
;	
Account number	16
=	1
Expiration date (yy mm)	4
Service code	3
CVV/tracking data	8 or 10
End sentinel	1
LRC	



Worldpay Gift Cards

Worldpay gift cards are issued by Worldpay.

9.1 Card Specifications

TABLE 9-1 Worldpay Gift Cards

Notes	-
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	16

9.1.1 Restrictions

None

9.1.2 Track Data

TABLE 9-2 Worldpay Gift Cards Track 1 Data

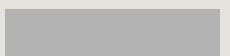
Track 1 Data	Length
%	
B	
Account number	16
^	1
Name/Tracking number	26 (variable)
^	1
Expiration date (yy-mm)	4
Service code	3
Discretionary data	14
End Sentinel "?"	1
LRC	1

TABLE 9-3 Worldpay Gift Cards Track 2 Data

Track 2 Data	Length
;	
Account number	16
=	1

TABLE 9-3 Worldpay Gift Cards Track 2 Data

Track 2 Data	Length
Expiration date (yy-mm)	4
Service code	3
Discretionary data	8
End Sentinel "?"	"1
LRC	1



Stored Value Systems (SVS) Card

Stored Value Systems is a prepaid card.

10.1 Card Specifications

TABLE 10-1 Stored Value Systems Card

Notes	- For SVS Pay at the Pump transactions, the POS must check for partial approvals on the TRSP received for the pre-authorization and turn off the pump accordingly. - For SVS Pay at the Pump transactions, the POS must send the Completion up to the host immediately after it is complete. - SVS Card transactions must print the remaining balance on every financial receipt. - For SVS Cards, if the Host response is TRY LESSER AMOUNT (non-pump transaction) and the current card balance returned in the response is non-zero, this can be a Split Tender transaction sequence. Refer to the Credit Partial Approvals section in the <i>Petroleum Transaction Message Specification</i>. The Operator may also elect to run this as a new request with the available balance.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	16 - 19

10.1.1 Track Data

TABLE 10-2 Stored Value Systems Card Track 1 Data

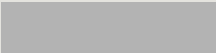
Track 1 Data	Length
B	
600649	6
Account number	10-13
^	1
Name	26
^	1
Expiration date (yy-mm)	4
Service code = 110	3
Blank	15
CVV data	3
End Sentinel =?	1

TABLE 10-2 Stored Value Systems Card Track 1 Data

Track 1 Data	Length
LRC	

TABLE 10-3 Stored Value Systems Card Track 2 Data

Track 2 Data	Length
;	1
600649	6
Account number	10-13
=	1
Expiration date (yy mm)	4
Service code = 110	3
CVV Data	8
End Sentinel	1
LRC	



Fina Fleet

The Fina Fleet card is a private label proprietary Alon USA commercial fueling card. Wright Express issues the card, and it follows all Wright Express (WEX) processing. It is identified by the ISO BIN Range. The WEX Universal Card starts with the ISO prefix of 69004604, and the FINAFLEET Card starts with the ISO prefix of 69004607.

11.1 Card Specifications

TABLE 11-1 Stored Value Systems Card

Notes	- The thirteenth through the fifteenth positions of the account number must be between 100 and 999. - Receipts must print FINAFLEET as the card type. - Point of Sale devices must report Fina Fleet transactions as a separate line item on all reports and not included with the Universal Wright Express transactions on POS Reports. - Odometer should be the first Cardholder Prompt for all FINAFLEET Cards. - The Product Restriction field, (Track2, positions 33 and 34), indicates whether this is fuel only or other products are allowed. - For FINAFLEET Cards, a Product Restriction of 00 may purchase products with Product Codes indicating both Fuel and Oil. This is a specific difference from the Universal Wright Express Card. - For FINAFLEET Cards, there are a group of accounts that require no prompting at the pump or at the console. If the eleventh and twelfth positions of the 19 digit Primary Account Number are equal to 01, the POS considers it a Descriptive Billing Card. For these cards, the POS does not prompt for Driver and Odometer. The POS will automatically send 0000 as the six digit driver number. The POS will pull the Purchase Device Sequence Number from the track data. If the transaction is manually entered, the POS will prompt for entry of the Purchase Device Sequence Number.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	16

11.1.1 Restrictions

TABLE 11-2 Stored Value Systems Card Restrictions

Fuel Restrictions	Description
00	Fuel or oil only
01	Unrestricted

11.1.2 Track Data

There is no Track 1 data.

TABLE 11-3 Stored Value Systems Card Track 2 Data

Track 2 Data	Length
;	
690046	6
Account number	13
Client	2
State	2
Product ID	2
Fleet number	6
Fleet Number's check digit	1
=	1
Expiration date (yy/mm)	4
Card Type	1
Fuel restriction	2
Vehicle number	5
Product restriction	2 • 00 - Fuel only • Not zero - Fuel and other product
Fuel allocation limit	3 Zero fill.
End sentinel	1 (?)
LRC	

11.1.3 Embossing

- Account number without 690046
- Prefix is 690046.
- Vehicle number (9999-9)
- Expiration date (mmyy)
- FUEL AND OIL ONLY if restricted

11.1.4 Manual Entry Processing

If the operator enters an account number that is 13 digits long, the POS will perform a Mod 10 Check routine on the Fleet Number (for example, the seventh through twelfth characters of the entered account). If the Mod 10 result matches the thirteenth digit of the entered account, then the POS processes the prefix.

The terminal must then prompt the cashier for the card prefix. Card prefix is a fixed length 6-digit field and should display on screen as the cashier types it. The prompt should display to the cashier not the customer. The POS must then verify the prefix against the Wright Express valid BIN list, because it should always fall within the range of one of the two Fina Fleet BINs.

Once the cashier enters the prefix, the POS adds it to the 13-digit PAN as the leading 6 digits, which forms the full 19-digit PAN.

If the entered account does not pass this checking routine, the POS displays `INVALID ACCT` to the operator to reject the account.

Fina Card

WFNNB issues the Fina card by using the Discover Network.

12.1 Card Specifications

TABLE 12-1 Fina Card

	- The Fina Card functions as a regular Credit Card. - All POS receipts must show FINA CARD as the type. - All POS reports must show Fina Cards as a separate bucket and line item. - For all reporting to the Worldpay Network, the POS must include the Fina Card as a part of the Discover Card totals. For example, if you have five Fina Cards and one Discover Card transactions in a batch, the POS would show the two line items on POS reports but show six Discover Cards going to the host. - The POS has complete responsibility for identifying the Fina Card. The POS does this by interrogating the first eight digits of the account number. This covers all cards starting with 60113900. - The Fina Card's BIN Range is within the existing Discover Card BIN Range. - The POS will not receive the Fina Card BIN Range as a part of the POS parameter download. - The POS will use the Transaction Codes for Credit Cards when processing Fina Cards. - The POS will Account Type 4 (Discover) when processing a Fina Card. - The cards require a standard Mod 10 check. - The cards require a standard expiration date check.
Notes	
ISO BIN Ranges	See Appendix 18, "Card Ranges" .
Length	16

12.1.1 Restrictions

None

12.1.2 Track Data

TABLE 12-2 Fina Card Track 1 Data

Track 1 Data	Length
%	
B	

TABLE 12-2 Fina Card Track 1 Data

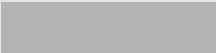
Track 1 Data	Length
Account number	16
^	1
Name/tracking number	26; variable
^	1
Expiration date (yy mm)	4
Service code	3
Filler variable	X

TABLE 12-3 Fina Card Track 2 Data

Track 2 Data	Length
;	
Account number	16
=	1
Expiration date (yy mm)	4
Service code	3
Filler	1
Filler	7
End sentinel	1
LRC	

12.1.3 Embossing

- Account number with check digit (that is, a full 16 digits)
- Cardholder's Name is embossed



Walmart Consumer Card

GE Capital issues the Walmart consumer card for Walmart.

13.1 Card Specifications

TABLE 13-1 Walmart Consumer Card

Notes	- The Walmart Consumer Card does not check for an expiration date. The cards have the non-expiring date of 4912. - The cards require a standard Mod 10 check. - The POS reports separate the Walmart Consumer Card.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	16

13.1.1 Restrictions

None

13.1.2 Track Data

TABLE 13-2 Walmart Consumer Card Track 1 Data

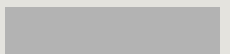
Track 1 Data	Length
%	
B	
Account number	16
^	1
Name/Tracking number	26; variable
^	1
Expiration date (yyymm)	4
Service code	3
Filler variable	X

TABLE 13-3 Walmart Consumer Card Track 2 Data

Track 2 Data	Length
;	
Account number	16
=	1
Expiration date (yy mm)	4
Service code	3
Filler	1
Filler	7
End sentinel	1
LRC	

13.1.3 Embossing

- Account number with check digit (that is, a full 16 digits)
- Cardholder's Name
- No expiration date is present.



Murphy Oil Company (MOC) Wright Express Card

Wright Express issues the MOC Wright Express Card, which is a proprietary commercial fueling card. It follows all Wright Express (WEX) processing. The POS identifies it by the ISO BIN Range. The WEX Universal Card starts with the ISO prefix of 69004604; however, the MOC Wright Express Card starts with the ISO prefix of 690046076.

The MOC Wright Express Card does not have a separate BIN Range sent as a part of the Parameter Download. The POS must recognize the Card Type based on the BIN Range from the Card that the consumer or operator swipe or manually enter.

14.1 Card Specifications

TABLE 14-1 Murphy Oil Company Wright Express Card

Notes	- Odometer should be the first Cardholder Prompt for all MOC Wright Express Cards. - The Product Restriction field (Track 2, positions 34 and 35) indicates whether this is fuel only or other products are allowed.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	The length is 13 without the ISO BIN. It is 19 with the ISO BIN.

14.1.1 Restrictions

TABLE 14-2 Murphy Oil Company Wright Express Card Restrictions

Fuel Restriction Prompt	Description
00	Fuel or oil only
01	Unrestricted

14.1.2 Track Data

There is no Track 1 data.

TABLE 14-3 Murphy Oil Company Wright Express Card Track 2 Data

Track 2 Data	Length
;	
690046	6
Account number	13
Client	2
State	2
Product ID	2
Fleet number	6
Fleet number's check digit	1
=	1

TABLE 14-3 Murphy Oil Company Wright Express Card Track 2 Data

Track 2 Data	Length
Expiration date (yy/mm)	4
Card type	1
Fuel restriction	2
Vehicle number	5
Product restriction	2 • 00 - Fuel only • Not zero - Fuel and other products
Fuel allocation limit	3 Zero fill.
End sentinel	1 (?)
LRC	

14.1.3 Embossing

- Account number without 690046
- The prefix is 690046.
- Vehicle number (9999-9)
- Expiration date (mmyy)
- FUEL AND OIL ONLY if restricted

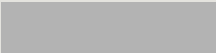
14.1.4 Manual Entry Processing

If the operator enters an account number that is 13 digits long, the POS performs a Mod 10 Check routine on the Fleet Number (for example, the seventh through twelfth characters of the entered account). If the Mod 10 result matches the thirteenth digit of the entered account, then the POS processes the prefix.

The terminal must then prompt the cashier for the card prefix. Card prefix is a fixed length 6-digit field, and the POS should display it on the screen as the cashier types. The prompt only displays to the cashier not the customer. The POS must verify the prefix against the Wright Express valid BIN list, because it should always fall within the range of one of the two Murphy Oil BINs.

Once the cashier enters the prefix, the POS adds it to the 13 digit PAN as the leading 6 digits to form the full 19-digit PAN.

If the entered account does not pass this checking routine, the POS rejects the account by displaying INVALID ACCT to the operator.



MFA Preferred Card

MFA preferred card is a commercial fueling card.

15.1 Card Specifications

TABLE 15-1 MFA Preferred Card

Notes	- The start sentinel of track 2 is a semi-colon (;) and for track 1 it is the percent sign (%). Both have an end sentinel of question mark (?). - The POS should print Vehicle and Odometer on the receipts. - It truncates account numbers on the receipt. - There are no voice authorizations. - There is no expiration date checking.
ISO BIN Ranges	See Chapter 18, "Card Ranges" .
Length	16

15.1.1 Restrictions

Restriction enforcement is at the terminal.

TABLE 15-2 MFA Preferred Card Digit Prompts

Fleet Digit Prompts	Description
0	None
1	Odometer
2	Vehicle ID
3	Vehicle ID, odometer
4	Driver ID
5	Driver ID, odometer
6	Driver ID, Vehicle ID
7	Driver ID, Vehicle ID, Odometer

TABLE 15-3 MFA Preferred Card Product Code Lockout Digit

Product Code Lockout Digit	Description
0	No purchases allowed
1	Other only
2	Maintenance only
3	Maintenance and other only

TABLE 15-3 MFA Preferred Card Product Code Lockout Digit

Product Code Lockout Digit	Description
4	Fuel only
5	Fuel and other only
6	Fuel and maintenance only
7	Fuel, maintenance, and other (no restrictions)

15.1.2 Prompt Fields

TABLE 15-4 MFA Preferred Card Prompt Fields

Prompt field	Details
Odometer	Maximum length 6 May be bypassed via 0 or ENTER Print on receipt
Driver ID	Maximum length 8 May be bypassed via 0 or ENTER Masking input (recommended) Do not print on receipt
Vehicle ID	Maximum length 8 May be bypassed via 0 or ENTER Print on receipt

15.1.2.1 Prompts

TABLE 15-5 MFA Preferred Card Prompts

Prompts (manual-entry)	Prompts (swiped-entry)
Odometer - depends on fleet digit	Odometer - depends on fleet digit
Driver ID - depends on fleet digit	Driver ID - depends on fleet digit
Vehicle ID - Depends on fleet digit	Vehicle ID - Depends on fleet digit

15.1.3 Track Data

TABLE 15-6 MFA Preferred Card Track 1 Data

Track 1 Data	Length
%	
708217	6
Fleet digit	1
Product code lockout	1
Account number	5
Card number	2
Mod-10 check digit	1
^	1
Name	28; variable
^	1
Expiration date (yy mm)	4

TABLE 15-7 MFA Preferred Card Track 2 Data

Track 2 Data	Length
;	1
708217	6
Fleet digit	1
Product code lockout	1
Account number	5
Card number	2
Mod-10 check digit	1
=	1
Expiration date (yy mm)	4
Filler	16
End sentinel	1
LRC	

Debit Cards

Debit Cards process real time transactions and require PIN entry for processing.

TABLE 16-1 Debit Cards

Notes	• The required Worldpay method of PIN Encryption is 3DES DUKPT. • Debit receipts do not contain a signature line. • Debit cards use Track 2 only. • Expiration dates are never checked on a Debit card.
ISO BIN Ranges	Debit card ranges can be any ISO not covered by another card type ISO.
Length	Lengths vary from 12 to 19.

EBT Cards

EBT Cards process real time transactions and require PIN entry for processing.

TABLE 17-1 EBTCards

Notes	• The required Worldpay method of PIN encryption is 3DES DUKPT. • EBT receipts do not contain a signature line. • EBT cards use Track2 only. • Expiration dates are not checked.
ISO BIN Ranges	EBT card ranges can be any ISO not covered by another card type ISO.
Length	Lengths vary from 11 to 19.

Default Dispenser Card Reader Preauthorization Amounts and Cutoff Amount

NOTE: The Fina card is a Discover card and uses the same DCR Preauthorization and Cutoff amounts. The Walmart proprietary card is a Discover card and uses \$50.00 for both DCR Preauthorization and Cutoff amounts.

TABLE A-1 Default Dispenser Card Reader Preauthorization Amounts and Cutoff Amount

Card	Pre-Auth Amt	DCR Cut Off
Visa	\$1.00	\$100.00
Mastercard	\$1.00	\$100.00
American Express	\$90.00	\$90.00
Discover*	\$75.00	\$75.00
Gift Cards	\$75.00	\$75.00
Wright Express	\$1.00	\$150.00
Voyager	\$75.00	\$75.00
Visa Fleet	\$1.00	\$150.00
Mastercard Fleet	\$1.00	\$150.00
FuelLynk	\$1.00	Authorizer can return higher amount.
Debit	\$50.00	\$50.00
Fleet One	\$250.00	\$250.00
FuelMan GasCard	\$50.00	\$50.00

TABLE A-1 Default Dispenser Card Reader Preauthorization Amounts and Cutoff Amount

Card	Pre-Auth Amt	DCR Cut Off
PrePaid (SVS)	\$100.00	\$100.00
MFA Preferred	\$1.00	\$300.00

Fleet Card Partial Authorization and Force Sale Processing

TABLE B-1 Fleet Card Partial Authorization and Force Sale Processing

Fleet Card	Brief Description	Partial Approval	Force Sale	Stand In Allowed
Wright Express	Pay at the Pump Magnetic Read	No	No	No
	Inside Console Magnetic Read	No	Yes	No
	Inside Console Manual Entry	No	Yes	No
Voyager	Pay at the Pump Magnetic Read	No	No	\$50.00
	Inside Console Magnetic Read	No	Yes	\$50.00
	Inside Console Manual Entry	No	Yes	\$50.00
Mastercard Fleet	Pay at the Pump Magnetic Read	Yes	No	
	Inside Console Magnetic Read	Yes	Yes	
	Inside Console Manual Entry	Yes	Yes	
Visa Fleet	Pay at the Pump Magnetic Read	Yes	No	
	Inside Console Magnetic Read	Yes	Yes	
	Inside Console Manual Entry	Yes	Yes	
Fleet One	Pay at the Pump Magnetic Read	No	No	No
	Inside Console Magnetic Read	No	Yes	No
	Inside Console Manual Entry	No	Yes	No
FuelMan	Pay at the Pump Magnetic Read	No	No	No
	Inside Console Magnetic Read	No	No	No
	Inside Console Manual Entry	No	No	No

TABLE B-1 Fleet Card Partial Authorization and Force Sale Processing

Fleet Card	Brief Description	Partial Approval	Force Sale	Stand In Allowed
FuelLynk	Pay at the Pump Magnetic Read	No	No	
	Inside Console Magnetic Read	No	Yes	
	Inside Console Manual Entry	No	Yes	

Fleet Card Restrictions and Prompts

This appendix provides a visual representation of the restrictions and prompts that apply to Fleet cards. It provides entries for both swiped and manual entry.

All entries focus on Track 2 data for the restrictions and prompt fields that must be interrogated. Most Fleet Cards also have Track 1 data. The *Worldpay Card Specification* describes Track 1 data.

C.1 WEX

C.1.1 WEX Swiped

TABLE C-1 WEX Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
	Position 26-27 - 00	Fuel Only		
	Position 26-27 - 01, 02 or 04	No restriction		

C.1.2 WEX 1.2.0

TABLE C-2 WEX 1.2.0

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Position 11-12 - 01	No prompt	
		Position 11-12 - any other	Odometer Driver	Driver 4 or 6 only

C.1.3 WEX Manual 1.2.0

TABLE C-3 WEX Manual 1.2.0

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Position 11-12 - 01	No prompt	
		Position 11-12 - any other	Odometer Driver	Driver 4 or 6 only

C.1.4 WEX 2.0.2**TABLE C-4** WEX 2.0.2

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Position 25 - 1 Position 37 - 0	Odometer Driver	Driver 4 or 6 only
		Position 25 - 1 Position 37 - 1	Odometer Vehicle	
		Position 25 - 1 Position 37 - 2	Odometer	
		Position 25 - 1 Position 37 - 3	No prompt	
		Position 25 - 1 Position 37 - 4	Driver	Driver 4 or 6 only
		Position 25 - 1 Position 37 - 5	Vehicle	
		Position 25 - 1 Position 37 - 6	Driver Tracking #	Driver 4 or 6 only
		Position 25 - 1 Position 37 - 7	Vehicle Tracking #	
		Position 25 - 1 Position 37 - 8	Odometer Vehicle Driver	Driver 4 or 6 only
		Position 25 - 1 Position 37 - 9	Odometer Driver Tracking #	Driver 4 or 6 only
		Position 25 - 2 Position 37 - 0	Odometer Driver Tracking #	Driver 4 or 6 only
		Position 25 - 2 Position 37 - 1	Odometer Employee # Tracking #	
		Position 25 - 2 Position 37 - 2	Odometer Driver Hub Reading	Driver 4 or 6 only

TABLE C-4 WEX 2.0.2

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Position 25 - 2 Position 37 - 3	Odometer Vehicle Hub Reading	
		Position 25 - 2 Position 37 - 4	Driver Hub Reading Tracking #	Driver 4 or 6 only
		Position 25 - 2 Position 37 - 5	Vehicle Hub Reading Tracking #	
		Position 25 - 2 Position 37 - 6	Odometer Driver Hours	Driver 4 or 6 only
		Position 25 - 2 Position 37 - 7	Odometer Vehicle Hours	
	N/A	Position 25 - 2 Position 37 - 8	Odometer Driver Cash Back	Driver 4 or 6 only
	N/A	Position 25 - 2 Position 37 - 9	Odometer Vehicle Cash Back	
		Position 25 - 3 Position 37 - 0	PIN	
		Position 25 - 3 Position 37 - 1	Odometer PIN	
		Position 25 - 3 Position 37 - 2	Odometer Driver PIN	Driver 4 or 6 only
		Position 25 - 3 Position 37 - 3	Odometer Vehicle PIN	

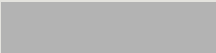
TABLE C-4 WEX 2.0.2

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Position 25 = 3 & Position 37 = 4	Odometer PIN Tracking #	
		Position 25 = 3 & Position 37 = 5	Odometer Employee # PIN	
		Position 25 = 3 & Position 37 = 6	Employee # PIN	
		Position 25 = 3 & Position 37 = 7	Vehicle PIN	
		Position 25 = 3 & Position 37 = 8	Odometer Vehicle PIN	
		Position 25 = 3 & Position 37 = 9	PIN Tracking #	
		Position 25 = 4 & Position 37 = 0	Odometer Hub Reading PIN	
	N/A	Position 25 = 4 & Position 37 = 1	Vehicle PIN Cash Back	
	N/A	Position 25 = 4 & Position 37 = 2	Odometer PIN Cash Back	
	Reserved for future development	Position 25 = 5 & higher Position 37 = 3 & higher		

C.1.5 WEX Manual 2.0.2

TABLE C-5 WEX Manual 2.0.2

Restriction Fields/Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Position 11-12 - 01	Vehicle	
		Position 11-12 - any other	Odometer Driver Vehicle	Driver 4 or 6 only



C.2 Voyager

C.2.1 Voyager Swiped

TABLE C-6 Voyager Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
Position 26 - 0	No restriction	Position 25 - 0	No Prompts	
Position 26 - 0	No restriction	Position 25 - 1	ID	4, 5, or 6
Position 26 - 0	No restriction	Position 25 - 2	Odometer	Max size 7
Position 26 - 0	No restriction	Position 25 - 3	Odometer/ID	
Position 26 - 1	Fuel Only	Position 25 - 0	No Prompts	
Position 26 - 1	Fuel Only	Position 25 - 1	ID	
Position 26 - 1	Fuel Only	Position 25 - 2	Odometer	
Position 26 - 1	Fuel Only	Position 25 - 3	Odometer/ID	

C.2.2 Voyager Manual

TABLE C-7 Voyager Manual

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
Prompt for Restriction Code	Must be 00, 01, 10, 11, 20, 21, 30, 31			Follow the swiped prompts

C.3 Visa

C.3.1 Visa Fleet Swiped

TABLE C-8 Visa Fleet Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
2nd to last significant digit on Track = 1	Fuel and Maintenance	Last significant digit on Track = 1	Odometer and ID	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 1	Odometer and ID	
2nd to last significant digit on Track = other	None	Last significant digit on Track = 1	Odometer and ID	
2nd to last significant digit on Track = 1	Fuel and Maintenance	Last significant digit on Track = 2	Odometer and Vehicle	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 2	Odometer and Vehicle	
2nd to last significant digit on Track = other	None	Last significant digit on Track = 2	Odometer and Vehicle	
2nd to last significant digit on Track = 1	Fuel and Maintenance	Last significant digit on Track = 3	Odometer and Driver	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 3	Odometer and Driver	
2nd to last significant digit on Track = other	None	Last significant digit on Track = 3	Odometer and Driver	
2nd to last significant digit on Track = 1	Fuel and Maintenance	Last significant digit on Track = 4	Odometer	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 4	Odometer	

TABLE C-8 Visa Fleet Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
2nd to last significant digit on Track = other	None	Last significant digit on Track = 4	Odometer	
2nd to last significant digit on Track = 1	Fuel and Maintenance	Last significant digit on Track = 6	ID	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 6	ID	
2nd to last significant digit on Track = other	None	Last significant digit on Track = 6	ID	
2nd to last significant digit on Track = 1	Fuel and Maintenance	Last significant digit on Track = 0, 5, 7, 8, 9	None	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 0, 5, 7, 8, 9	None	
2nd to last significant digit on Track = other	None	Last significant digit on Track = 0, 5, 7, 8, 9	None	

C.3.2 Visa Fleet Manual

TABLE C-9 Visa Fleet Manual

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
	Allow Fuel and NonFuel		Odometer and ID	

C.4 Mastercard

C.4.1 Mastercard Fleet Swiped

TABLE C-10 Mastercard Fleet Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
2nd to last significant digit on Track = 1	None	Last significant digit on Track = 1	Odometer and ID	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 1	Odometer and ID	
2nd to last significant digit on Track = 1	None	Last significant digit on Track = 2	Odometer and Vehicle	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 2	Odometer and Vehicle	
2nd to last significant digit on Track = 1	None	Last significant digit on Track = 3	Odometer and Driver	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 3	Odometer and Driver	
2nd to last significant digit on Track = 1	None	Last significant digit on Track = 4	Odometer	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 4	Odometer	
2nd to last significant digit on Track = 1	None	Last significant digit on Track = 5	None	
2nd to last significant digit on Track = 2	Fuel Only	Last significant digit on Track = 5	None	

C.4.2 Mastercard Fleet Manual

TABLE C-11 Mastercard Fleet Manual

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
	Allow Fuel or other, based on manually entered restriction		Prompts determined by manual entry	POS must prompt for Prompt and Restriction

C.5 FuelLynk

C.5.1 FuelLynk Swiped

TABLE C-12 FuelLynk Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
Track Position 31 - 33 = dollar limit Position 35 = 0 Position 36 = 0	Dollar amount of sale	Track Position 34 = 0	Odometer and PIN/ User ID	Vehicle Prompt is Track Position 7 = 2
Track Position 31 - 33 = 000 Position 35 = 0 Position 36 = 0	None	Track Position 34 = 0	Odometer and PIN/ User ID	Any other value, no Vehicle prompt
Track Position 31 - 33 = dollar limit Position 35 = 0 Position 36 = 0	Dollar amount of sale	Track Position 34 = 1	Odometer	
Track Position 31 - 33 = 000 Position 35 = 0 Position 36 = 0	None	Track Position 34 = 1	Odometer	
Track Position 31 - 33 = dollar limit Position 35 = 0 Position 36 = 0	Dollar amount of sale	Track Position 34 = 2	PIN/User ID	
Track Position 31 - 33 = 000 Position 35 = 0 Position 36 = 0	None	Track Position 34 = 2	PIN/User ID	
Track Position 31 - 33 = dollar limit Position 35 = 0 Position 36 = 0	Dollar amount of sale	Track Position 34 = 3	None	

TABLE C-12 FuelLynk Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
Track Position 31 - 33 = 000 Position 35 = 0 Position 36 = 0	None	Track Position 34 = 3	None	
Track Position 31 - 33 = dollar limit Position 35 = 1 Position 36 = 0	Dollar amount of sale & Fuel Only	Track Position 34 = 0	Odometer and PIN/ User ID	
Track Position 31 - 33 = 000 Position 35 = 1 Position 36 = 0	Fuel Only	Track Position 34 = 0Position	Odometer and PIN/ User ID	
Track Position 31 - 33 = dollar limit Position 35 = 1 Position 36 = 0	Dollar amount of sale & Fuel Only	Track Position 34 = 1	Odometer	
Track Position 31 - 33 = 000 Position 35 = 1 Position 36 = 0	Fuel Only	Track Position 34 = 1	Odometer	
Track Position 31 - 33 = dollar limit Position 35 = 1 Position 36 = 0	Dollar amount of sale & Fuel Only	Track Position 34 = 2	PIN/User ID	
Track Position 31 - 33 = 000 Position 35 = 1 Position 36 = 0	Fuel Only	Track Position 34 = 2	PIN/User ID	
Track Position 31 - 33 =dollar limit Position 35 = 1 Position 36 = 0	Dollar amount of sale & Fuel Only	Track Position 34 = 3	None	

TABLE C-12 FuelLynk Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
Track Position 31 - 33 = 000 Position 35 = 1 Position 36 = 0	Fuel Only	Track Position 34 = 3	None	
Track Position 31 - 33 = dollar limit Position 35 = 2 Position 36 = 0	Dollar amount of sale & Fuel & Maintenance Only	Track Position 34 = 0	Odometer and PIN/ User ID	
Track Position 31 - 33 = 000 Position 35 = 2 Position 36 = 0	Fuel & Maintenance Only	Track Position 34 = 0	Odometer and PIN/ User ID	
Track Position 31 - 33 = dollar limit Position 35 = 2 Position 36 = 0	Dollar amount of sale & Fuel & Maintenance Only	Track Position 34 = 1	Odometer	
Track Position 31 - 33 = 000 Position 35 = 2 Position 36 = 0	Fuel & Maintenance Only	Track Position 34 = 1	Odometer	
Track Position 31 - 33 = dollar limit Position 35 = 2 Position 36 = 0	Dollar amount of sale & Fuel & Maintenance Only	Track Position 34 = 2	PIN/User ID	
Track Position 31 - 33 = 000 Position 35 = 2 Position 36 = 0	Fuel & Maintenance Only	Track Position 34 = 2	PIN/User ID	
Track Position 31 - 33 = dollar limit Position 35 = 2 Position 36 = 0	Dollar amount of sale & Fuel & Maintenance Only	Track Position 34 = 3	None	

TABLE C-12 FuelLynk Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
Track Position 31 - 33 = 000 Position 35 = 2 Position 36 = 0	Fuel and Maintenance Only	Track Position 34 = 3	None	

C.5.2 FuelLynk Manual

TABLE C-13 FuelLynk Manual

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
			Prompts for Odometer and PIN/User ID	Vehicle Prompt is Track Position 7 = 2

C.6 Fleet

C.6.1 Fleet One Swiped

TABLE C-14 Fleet One Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Track Position 7 - 8 = 11	Odometer, Driver ID/ PIN	
		Track Position 7 - 8 = 15	Odometer, Driver ID/ PIN, PO/Reference Number	

C.6.2 Fleet One Manual

TABLE C-15 Fleet One Manual

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Account Position 7 - 8 = 11	Odometer, Driver ID/ PIN	
		Account Position 7 - 8 = 15	Odometer, Driver ID/ PIN, PO/Reference Number	

C.7 FuelMan

C.7.1 FuelMan Swiped

TABLE C-16 FuelMan Swiped

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
All restrictions based on Host returned messages	Not in use today		Odometer and Driver	
ID Number				
		If requested by Host, also prompt for Customer Number	Odometer and Driver ID Number	

C.7.2 FuelMan Manual

Manual is the same as swiped.

C.8 Fina Fleet

See [WEX](#). The only difference is a fuel restriction of 00, which allows Fuel and Oil.

C.9 Murphy Oil WEX

See [WEX](#).

C.10 MFA Preferred

TABLE C-17 MFA Preferred

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Track Position 7 - 8 = 00	No purchases allowed	
		Track Position 7 - 8 = 01	Merchandise only	400 - 599
		Track Position 7 - 8 = 02	Maintenance only	100 - 149
		Track Position 7 - 8 = 03	Merchandise and Maintenance only	400 - 599
100 - 149				
		Track Position 7 - 8 = 04	Fuel only	001 - 099
350 - 449				
		Track Position 7 - 8 = 05	Merchandise and Fuel only	450 - 599
001 - 099				
350 - 449				
		Track Position 7 - 8 = 06	Maintenance and Fuel only	001 - 149
350 - 449				
		Track Position 7 - 8 = 07	No restrictions	All

C.10.1 MFS Preferred Manual

TABLE C-18 MFS Preferred Manual

Restriction Fields/ Values	Restriction	Prompt Fields/Values	Prompts	Comments
		Use the same logic as magnetic stripe read.	Pick up the seventh and eighth position of the account	