



2AP Authorisation

Acceptor to Acquirer Protocol (CB2A)

ADDENDUM - FLEET

Version 1.6.6 - September 2025



TERMS OF USE

INTELLECTUAL PROPERTY RIGHTS

The intellectual property rights, including third-party's intellectual property rights, vested in these technical specifications are granted under a license of use. Any communication, distribution, reproduction, use or representation of this document, beyond the scope of the rights granted by FrenchSys, and by whatever means, is prohibited without the prior agreement of FrenchSys.

Trademarks, trade names or company names, logos and images referenced herein are used for identification or illustrative purpose only and remain the property of their respective owners.

DISCLAIMER AND LIMITATION OF LIABILITY

BY CONSULTING OR BY USING THIS SPECIFICATION, YOU AGREE ON YOUR BEHALF AND ON BEHALF OF EACH ENTITY AND PERSON ON BEHALF OF WHOM YOU ACT, TO BE LEGALLY BOUND BY THE TERMS OF USE DETAILED BELOW.

Whilst FrenchSys has used its best endeavors to make sure that the information, data, and other materials contained in this Specification are accurate and complete, and whilst this Specification aims to be in accordance with the relevant applicable laws, regulations, and directives, FrenchSys does not accept any liability for any error, omission, or non-conformance. Your use of this Specification and the information, data and other materials contained therein is at your own risk.

This Specification and the information, data and other materials contained therein are provided to you "AS IS", "WHERE IS" and "WITH ALL FAULTS", without warranty of any kind, and are not intended to provide, and do not constitute regulatory or legal advice to any individual or entity. It remains your sole responsibility to ensure that your use of this Specification, and the information, data and other materials contained therein are fully compliant to the relevant applicable laws, regulations, and directives in force.

FrenchSys will not be liable for any damages whatsoever (including, without limitation, incidental, consequential, indirect, or punitive damages, lost profits, or damages resulting from lost data or business interruption) resulting from your use of or inability to use this Specification and the information, data and other materials contained therein.

You agree to hold harmless FrenchSys from and against any and all claims, actions or demands, including costs and attorney's fees, arising from or in connection with your use of this Specification.



REVISION HISTORY

Version	Date	Content
1.6.6	September 2025	First version



Table of contents

TABLE OF CONTENTS	4
1 OVERVIEW OF DOCUMENT	5
2 DATA FIELDS DICTIONARY FOR FUNDS TRANSFER FOR INTERNATIONAL SCHEMES	6
2.1 ALPHABETICAL LIST	6
2.2 LIST BY FIELD NUMBER	6
2.3 DEFINITION OF DATA FIELDS USED	6
Field 104: Transaction specific data (LL2VAR b...999 (Datasets))	7
Field 118: Industry-specific data (LL2VAR b...999)	10
3 MESSAGES DESCRIPTION SPECIFIC TO FLEET DATA	13
3.1 AUTHORISATION REQUEST AND RESPONSE	13
3.2 REVERSAL REQUEST AND RESPONSE	14
3.3 COMMENTS	14



1 OVERVIEW OF DOCUMENT

This documentation contains Data Fields Dictionary and Description of messages for fleet data.

This addendum applies to CB2A Authorisation version 1.6.6 - September 2025.



2 DATA FIELDS DICTIONARY FOR FUNDS TRANSFER FOR INTERNATIONAL SCHEMES

2.1 ALPHABETICAL LIST

Data element	Field/Sub-field
Fleet Fuel Information	118 type 6004
Fleet line item	104 type 1A
Fleet Nonfuel Information	118 type 6005
Fleet prompted data	118 type 6001
Fleet purchase ID	118 type 5002
Fleet service ID	118 type 5001
Fleet Spend Control Override Items	118 type 6003
Fuel Data	104 type 5C
Industry-specific data	118
Merchant Fleet Spend Control Override Capability Indicator	118 type 6002
Nomenclature	118 type 0001
Restrictions	104 type 6B
Transaction specific data	104
VAT documentation indicator	118 type 5003

2.2 LIST BY FIELD NUMBER

Nr	Type	Name	Format
104		Transaction specific data	LL2VAR b...999 (Datasets)
	1A	Fleet line item	Dataset
	5C	Fuel Data	Dataset
	6B	Restrictions	Dataset
118		Industry-specific data	LL2VAR b...999
	0001	Nomenclature	an1
	5001	Fleet service ID	an20
	5002	Fleet purchase ID	an26
	5003	VAT documentation indicator	an2
	6001	Fleet prompted data	ans...220
	6002	Merchant Fleet Spend Control Override Capability Indicator	ans1
	6003	Fleet Spend Control Override Items	an16
	6004	Fleet Fuel Information	ans...123
	6005	Fleet Nonfuel Information	ans...552

2.3 DEFINITION OF DATA FIELDS USED



Field 104: Transaction specific data

Format: LL2VAR b...999 (Datasets)

☐ Dataset identifier _____ b1

Value	Description
1A	Fleet line item
5C	Fuel data
6B	Restrictions

☐ Dataset length _____ b2

☐ Dataset value _____

⇒ ***DATASET 1A: FLEET LINE ITEM***

Format: Dataset

Visa corresponding field: Base I field 104 Usage 2 Dataset ID 1A

☐ Tag _____ b2

☐ Length _____ b2

☐ Value _____

⇒ ***TYPE = 0080: FUEL INDICATOR***

Format: an1

⇒ ***TYPE = 0081: SERVICE TYPE***

Format: an4

⇒ ***TYPE = 0083: PRODUCT CODE***

Format: an4

⇒ ***TYPE = 0084: PRODUCT CATEGORY***

Format: an35

⇒ ***TYPE = 0088: UNIT PRICE***

Format: an12

⇒ ***TYPE = 0089: UNIT PRICE MINOR UNIT***

Format: an1

⇒ ***TYPE = 008A: UNIT OF MEASURE***

Format: an4

⇒ ***TYPE = 008B: PRODUCT QUANTITY***

Format: an12

⇒ ***TYPE = 008C: QUANTITY MINOR UNIT***

Format: an1

⇒ ***TYPE = 008D: TOTAL TIME PLUGGED IN***

Format: an6

⇒ ***TYPE = 008E: TOTAL CHARGING TIME***

Format: an6

⇒ ***TYPE = 008F: START TIME OF CHARGE***

Format: an6

⇒ ***TYPE = 0090: FINISH TIME OF CHARGE***

Format: an6

⇒ ***TYPE = 0091: TOTAL AMOUNT INCLUDING TAX***

Format: an12



⇒ TYPE = 0093: DISCOUNT RATE-PERCENTAGE	<i>Format: an4</i>
⇒ TYPE = 0094: DISCOUNT RATE-UNIT DISCOUNT	<i>Format: an12</i>
⇒ TYPE = 0095: DISCOUNT RATE-FLAT RATE PER TRANSACTION	<i>Format: an12</i>
⇒ TYPE = 0096: TOTAL DISCOUNT AMOUNT	<i>Format: an12</i>
⇒ TYPE = 0097: NET AMOUNT	<i>Format: an12</i>
⇒ TYPE = 0098: NON-TAXABLE INDICATOR	<i>Format: an1</i>
⇒ TYPE = 0099: LOCAL TAX INCLUDED INDICATOR	<i>Format: an1</i>
⇒ TYPE = 009A: LOCAL TAX AMOUNT	<i>Format: an12</i>
⇒ TYPE = 009B: LOCAL TAX RATE	<i>Format: an4</i>
⇒ TYPE = 009C: NATIONAL TAX INCLUDED INDICATOR	<i>Format: an1</i>
⇒ TYPE = 009D: NATIONAL TAX AMOUNT	<i>Format: an12</i>
⇒ TYPE = 009E: NATIONAL TAX RATE	<i>Format: an4</i>
⇒ TYPE = 9F01: OTHER TAX INCLUDED INDICATOR	<i>Format: an1</i>
⇒ TYPE = 9F02: OTHER TAX AMOUNT	<i>Format: an12</i>
⇒ TYPE = 9F03: OTHER TAX RATE	<i>Format: an4</i>

⇒ DATASET 5C: FUEL DATA	<i>Format: Dataset</i>
--------------------------------	------------------------

Visa corresponding field: Base I field 104 Dataset ID 5C

- ☐ **Tag** _____ **b2**
- ☐ **Length** _____ **b2**
- ☐ **Value** _____

⇒ TYPE = 0001: TYPE OF PURCHASE	<i>Format: an1</i>
⇒ TYPE = 0002: SERVICE TYPE	<i>Format: an1</i>
⇒ TYPE = 0003: FUEL TYPE	<i>Format: an2</i>
⇒ TYPE = 0004: UNIT OF MEASURE	<i>Format: an1</i>
⇒ TYPE = 0005: QUANTITY	<i>Format: an12</i>
⇒ TYPE = 0006: UNIT COST	<i>Format: an12</i>
⇒ TYPE = 0007: GROSS FUEL PRICE	<i>Format: an12</i>



⇒ TYPE = 0008: NET FUEL PRICE	<i>Format: an12</i>
⇒ TYPE = 0009: GROSS NON-FUEL PRICE	<i>Format: an12</i>
⇒ TYPE = 000A: NET NON-FUEL PRICE	<i>Format: an12</i>
⇒ TYPE = 000B: ODOMETER READING	<i>Format: an7</i>
⇒ TYPE = 000C: CHARGING POWER OUTPUT CAPACITY	<i>Format: an6</i>
⇒ TYPE = 000D: CHARGING REASON CODE	<i>Format: an6</i>
⇒ TYPE = 000E: VAT/TAX RATE	<i>Format: an4</i>
⇒ TYPE = 000F: MISCELLANEOUS TAX EXEMPTION STATUS	<i>Format: an1</i>
⇒ TYPE = 0010: ESTIMATED KM/MILES ADDED	<i>Format: an6</i>
⇒ TYPE = 0011: CARBON FOOTPRINT	<i>Format: an12</i>
⇒ TYPE = 0012: ESTIMATED VEHICLE KM/MILES AVAILABLE	<i>Format: an6</i>
⇒ TYPE = 0013: LOCAL TAX INCLUDED	<i>Format: an1</i>
⇒ TYPE = 0014: LOCAL TAX	<i>Format: an12</i>
⇒ TYPE = 0015: NATIONAL TAX INCLUDED	<i>Format: an1</i>
⇒ TYPE = 0016: NATIONAL TAX	<i>Format: an12</i>
⇒ TYPE = 0017: OTHER TAX	<i>Format: an12</i>
⇒ TYPE = 0018: MERCHANT VAT REGISTRATION	<i>Format: an20</i>
⇒ TYPE = 0019: CUSTOMER REGISTRATION NUMBER	<i>Format: an13</i>
⇒ TYPE = 001B: MESSAGE IDENTIFIER	<i>Format: an15</i>
⇒ TYPE = 001C: ADDITIONAL DATA INDICATOR	<i>Format: an1</i>
⇒ TYPE = 001D: MAXIMUM POWER DISPENSED	<i>Format: an6</i>
⇒ TYPE = 001E: SUMMARY COMMODITY CODE	<i>Format: an4</i>
⇒ TYPE = 1F01: NON-FUEL PRODUCT CODE 1	<i>Format: an2</i>
⇒ TYPE = 1F02: NON-FUEL PRODUCT CODE 2	<i>Format: an2</i>
⇒ TYPE = 1F03: NON-FUEL PRODUCT CODE 3	<i>Format: an2</i>
⇒ TYPE = 1F04: NON-FUEL PRODUCT CODE 4	<i>Format: an2</i>
⇒ TYPE = 1F05: NON-FUEL PRODUCT CODE 5	<i>Format: an2</i>



⇒ TYPE = 1F06: NON-FUEL PRODUCT CODE 6	<i>Format: an2</i>
⇒ TYPE = 1F07: NON-FUEL PRODUCT CODE 7	<i>Format: an2</i>
⇒ TYPE = 1F08: NON-FUEL PRODUCT CODE 8	<i>Format: an2</i>
⇒ TYPE = 1F09: FUEL BRAND	<i>Format: an4</i>
⇒ TYPE = 1F0A: FUEL TRANSACTION VALIDATION RESULTS	<i>Format: an5</i>
⇒ TYPE = 1F0B: FUEL ACCEPTANCE MODE	<i>Format: an1</i>
⇒ TYPE = 1F10: EXPANDED FUEL TYPE	<i>Format: an4</i>
⇒ TYPE = 1F11: FLEET EMPLOYEE NUMBER	<i>Format: an12</i>
⇒ TYPE = 1F12: FLEET TRAILER NUMBER	<i>Format: an16</i>
⇒ TYPE = 1F13: FLEET ADDITIONAL PROMPTED DATA 1	<i>Format: an20</i>
⇒ TYPE = 1F14: FLEET ADDITIONAL PROMPTED DATA 2	<i>Format: an20</i>
⇒ TYPE = 1F27: CONNECTOR TYPE	<i>Format: an3</i>
⇒ TYPE = 1F28: DISCOUNT METHOD	<i>Format: an1</i>
⇒ TYPE = 1F29: DISCOUNT AGENT	<i>Format: an1</i>
⇒ TYPE = 1F2A: DISCOUNT PLAN ID	<i>Format: an4</i>
⇒ TYPE = 1F2B: CLIENT ID	<i>Format: an15</i>
⇒ TYPE = 1F2C: NATIONAL TAX RATE	<i>Format: an4</i>
⇒ TYPE = 1F2D: OTHER TAX INCLUDED	<i>Format: an1</i>
⇒ TYPE = 1F2E: OTHER TAX RATE	<i>Format: an4</i>

⇒ **DATASET 6B: RESTRICTIONS** *Format: Dataset*

Visa corresponding field: Base I field 125 Dataset ID 6B

- ☐ **Tag** _____ **b2**
- ☐ **Length** _____ **b2**
- ☐ **Value** _____

⇒ TYPE = 000D: PURCHASE RESTRICTIONS FLAG	<i>Format: an1</i>
⇒ TYPE = 000E: HOST-BASED PURCHASE RESTRICTIONS (0110 MESSAGES)	<i>Format: b16</i>

Field 118: Industry-specific data

Format: LL2VAR b...999



☐ **Data type** _____ **b2**

Value	Description
0001	Nomenclature
Visa-specific data	
5001	Fleet service ID
5002	Fleet purchase ID
5003	VAT documentation indicator
Mastercard-specific data	
6001	Fleet prompted data
6002	Merchant Fleet Spend Control Override Capability Indicator
6003	Fleet Spend Control Override Items
6004	Fleet Fuel Information
6005	Fleet Nonfuel Information

☐ **Data element length** _____ **b2**

☐ **Data element value** _____

⇒ **TYPE = 0001: NOMENCLATURE**

Format: an1

Value	Description
1	CB
2	Visa
3	Mastercard

⇒ **TYPE = 5001: FLEET SERVICE ID**

Format: an20

Visa corresponding field: Base I field 48 Dataset ID 5C Usage 36

⇒ **TYPE = 5002: FLEET PURCHASE ID**

Format: an26

Visa corresponding field: Base I field 62.7

⇒ **TYPE = 5003: VAT DOCUMENTATION INDICATOR**

Format: an2

Visa corresponding field: Base I field 104 Usage 2 Dataset ID 63 tag 82

⇒ **TYPE = 6001: FLEET PROMPTED DATA**

Format: ans...220

Mastercard corresponding field is DMAS DE 106 SE 1

⇒ **TYPE = 6002: MERCHANT FLEET SPEND CONTROL OVERRIDE CAPABILITY INDICATOR**

Format: ans1



Mastercard corresponding field is DMAS DE 106 SE 2

⇒ **TYPE = 6003: FLEET SPEND CONTROL OVERRIDE ITEMS**

Format: an16

Mastercard corresponding field is DMAS DE 106 SE 3

⇒ **TYPE = 6004: FLEET FUEL INFORMATION**

Format: ans...123

Mastercard corresponding field is DMAS DE 106 SE 4

⇒ **TYPE = 6005: FLEET NONFUEL INFORMATION**

Format: ans...552

Mastercard corresponding field is DMAS DE 106 SE 5



3 MESSAGES DESCRIPTION SPECIFIC TO FLEET DATA

How to read the tables

The term "transaction" refers to a set of "requests/responses".

The term "message" refers either to a request or to a response.

Data field presence conditions

- **X** Mandatory
- **C** Conditional: the condition making this field mandatory is stated in a note (nn); in all other cases, the field is optional
- **F** Optional
- **.** The field may be present, but it is not processed by the receiving system.
- **Non-applicable** - Field is not defined in the standard.

Field values

- **S** Message-specific value
- **Q** Value is equal to request value
- **QI** Value is equal to initial request value
- **RI** Value is equal to initial response value

Note

- All fields undefined in the 2AP Authorisation protocol, but which comply with ISO 8583 (v87) can be used.
- The condition "mandatory if available" means that the data element must be transported by the protocol when provided by the application

3.1 AUTHORISATION REQUEST AND RESPONSE

X: Mandatory **C**: Conditional **F**: Optional **.**: Non-processed field **S**: Message specific value **Q**: Same value as in the request **QI**: Same value as in the initial request **RI**: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip): **0100** **B**: Payment autho. request (magn. stripe and contactless magn. stripe): (contact and contactless): **0110 0100** **C**: Resp. to payment autho. req. (contact and contactless): **0110 0100**

N°	Definition	A	B	C
104	Transaction specific data	C (2)	C (2)	.
1A	Fleet line item	C (179)	C (179)	.
5C	Fuel Data	C (179)	C (179)	.
6B	Restrictions	C (179)	C (179)	.
118	Industry-specific data	C (2)	C (2)	.
0001	Nomenclature	C (108)	C (108)	.
5001	Fleet service ID	C (179)	C (179)	.
5002	Fleet purchase ID	C (179)	C (179)	.
5003	VAT documentation indicator	C (179)	C (179)	.
6001	Fleet prompted data	C (178)	C (178)	.
6002	Merchant Fleet Spend Control Override Capability Indicator	C (178)	C (178)	.
6003	Fleet Spend Control Override Items	C (178)	C (178)	.
6004	Fleet Fuel Information	C (178)	C (178)	.



N°	Definition	A	B	C
6005	Fleet Nonfuel Information	C (178)	C (178)	.

3.2 REVERSAL REQUEST AND RESPONSE

X: Mandatory **C:** Conditional **F:** Optional **..:** Non-processed field **S:** Message specific value **Q:** Same value as in the request **QI:** Same value as in the initial request **RI:** Same value as in the initial response

A: Reversal request: **0400**

B: Response to reversal request: **0410**

N°	Definition	A	B
104	Transaction specific data	C (2)	.
1A	Fleet line item	C (179)	.
5C	Fuel Data	C (179)	.
6B	Restrictions	C (179)	.
118	Industry-specific data	C (2)	.
0001	Nomenclature	C (108)	.
5001	Fleet service ID	C (179)	.
5002	Fleet purchase ID	C (179)	.
5003	VAT documentation indicator	C (179)	.
6001	Fleet prompted data	C (178)	.
6002	Merchant Fleet Spend Control Override Capability Indicator	C (178)	.
6003	Fleet Spend Control Override Items	C (178)	.
6004	Fleet Fuel Information	C (178)	.
6005	Fleet Nonfuel Information	C (178)	.

3.3 COMMENTS

N°	Comments
2	See list of types
108	May be present. Presence conditions are specific to each scheme.
178	May be present for Mastercard fleet
179	May be present for Visa fleet

END OF DOCUMENT