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Financial transaction card originated messages — Interchange message specifications

[Revision of first edition (ISO 8583:1987)]

Messages initiés par cartes de transactions financières. — Spécification des messages d'interchange

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Contents	Page
0 Introduction	v
1 Scope and field of application	1
2 Definitions	1
- Normative references	2bis
3 Message structure	3
3.1 General	3
3.2 Bit maps	17
3.3 Data element directory	32
3.4 Requirements for data elements	40
4. Message and transaction flows	45
4.1 General	45
4.2 Message flow diagrams	45
4.3 Transaction flow diagrams	54
5 Message and transaction matching	56
5.1 General	56
5.2 Message matching	56
5.3 Transaction matching	56
6 Codes Maintenance agency and registration authority	56
6.1 Maintenance of codes	56
6.2 ISO 8583 institution identification codes	56
6.3 All other ISO 8583 codes	56
7 Guidance on the use of this international standard	57
7.1 Additional message types	57
7.2 Additional data elements	57
7.3 Mandatory and conditional data elements	57
7.4 Unintentional introduction of control characters	57

Figures

Figure 1 - Bit map	17
Figure 2 - Reconciliation example	55

Tables

Table 1 - Amounts in types of authorization messages	4
Table 2 - Amounts in types of financial transaction messages	5
Table 3 - Amounts in reversal messages	6
Table 4 - Financial transactions	6
Table 5 - Amounts in chargeback messages	7
Table 6 - Message type identifiers	9
Table 7A - Bit maps (in numerical order)	19
Table 7B - Bit maps (by message type)	23
Table 8 - Conditions used in table 7B	31
Table 9 - Data element directory	33
Table 10 - Usage of institution identification codes	41
Table 11 - Reconciliation calculation	43

Annexes

A Code listings (normative)	58
A.1 Action codes	59
A.2 Amount type codes	61
A.3 Authorization life cycle code	61
A.4 Card acceptor business codes (numerically)	62
A.5 Card acceptor business codes (alphabetically)	66
A.6 Function codes	70
A.7 Message reason codes	73
A.8 Point of service data codes	76
A.9 Processing codes	78
B Conversion guide (informative)	80
C Forms for application for institution identifiers and codes (informative)	126

Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75% approval by the member bodies voting.

International Standard ISO 8583 was prepared by Technical Committee ISO/TC 68, Banking and Related Financial Services. In addition to defining requirements for message interchange, informative annexes have been added to assist the user of the standard in utilizing this edition and codes are listed in a normative annex.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

0 Introduction

Services of the financial industry include the exchange of electronic messages relating to financial transactions. Agreements on application specifications are generally at a private level. This International Standard is designed as an interface specification enabling messages to be exchanged between systems adopting a variety of application specifications. The application specification may remain at the private level. Designers of such applications have complete design freedom within the overall constraint that messages shall be convertible to this interface format in order that international interchange may take place.

This International Standard introduces the concept of a message version number to distinguish between messages which comply with this or subsequent editions of the Standard, and those complying with the 1987 edition.

This International Standard uses a concept called bit map, whereby each data element is assigned a position indicator in a control field, or bit map. The presence of a data element in a specific message is indicated by a one in the assigned position; the absence of a data element is indicated by a zero in the assigned position.

Data representation used in individual systems is subject to the commercial relationships between the parties contracting to each system. The message formats specified in this International Standard are designed to ensure that compatibility between systems conforming to this International Standard is always feasible.

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