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Machinery for agriculture and forestry — Data interchange between management computer and process computers — Data interchange syntax

*Machines agricoles et forestières — Transfert de données entre
l'ordinateur de gestion et les ordinateurs de contrôle de process —
Échange des données (syntaxe)*



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Contents

	Page
1 Scope	1
2 Normative reference	2
3 Definitions	2
4 General	2
5 Main ADIS characteristics	3
6 Reserved characters	3
7 Line types	3
7.1 Line type identification	3
7.2 Classification of line types	3
7.3 Standardized line types	3
7.4 Definition line	4
7.5 Value line	4
7.6 End line	4
7.7 Comment line	4
7.8 Search line	4
7.9 Request line	4
7.10 File line	4
7.11 Include line	4
7.12 Output line	4
7.13 Termination line	4
7.14 Physical end of file line	4
8 Status characters	5
8.1 Status identification	5
8.2 Standardized status characters	5
8.3 Header data	5

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8.4	Normal data	5
8.5	Synchronization data	5
8.6	Faulty data	5
8.7	Deletion data	5
9	Combination of line types and status characters	5
10	Event numbers	6
10.1	Length of an event number	6
10.2	Linking value lines to definition line	6
10.3	Event numbers in search and request lines	6
11	Queries	7
11.1	Query syntax	7
11.2	Search condition of a query	7
11.3	Request line of query	7
12	Field length and resolution	8
12.1	Field length	8
12.2	Resolution	8
13	Resetting communication settings	8
14	DDI numbers	8
15	Data fields	8
15.1	Signed values	8
15.2	Filling data fields	8
15.3	Null values	8
15.4	Decimal signs	8
16	Data and time format	8
17	Checksum	8
17.1	Position of checksum	9
17.2	Calculation of checksum	9
18	Unknown DDI numbers	9
19	Comment	9
20	File structure	9

Annexes

A	Supplementary information for ADIS	11
B	Data dictionary	13

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11787 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 19, *Agricultural electronics*.

Annexes A and B of this International Standard are for information only.

Introduction

Stand-alone computers on the farm require that the same data must be manually collected from, and entered in, the different computers. This is a laborious task which becomes superfluous when the computers are interconnected and able to communicate with each other automatically to share and exchange information. Information exchange means data transport between the management computer on one side and each process computer on the other side.

NOTE 1 When in this text "process computer" is used, this can also be read as "datalogger".