INTERNATIONAL STANDARD ISO 11783-7:2002
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Tractors and machinery for agriculture and forestry — Serial control and communications data network —

Part 7: Implement messages application layer

TECHNICAL CORRIGENDUM 1

Tracteurs et matériels agricoles et forestiers — Réseaux de commande et de communication de données en série —

Partie 7: Couche d'application de base

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 11783-7:2002 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 19, *Agricultural electronics.*

Page 6, A.3 and A.4

Replace A.3 and A.4 by the following.

A.3 Local minute offset

Local time offset in minutes from a reference time (UTC).

Data length: 1 byte

Resolution: 1 min/bit, −125 min offset

ICS 35.240.99; 65.060.01 **Ref. No. ISO 11783-7:2002/Cor.1:2004(E)**

Operating range: –59 min to 59 min

Type: Measured

A.4 Local hour offset

Local time offset in hours from a reference time (UTC).

Data length: 1 byte

Resolution: 1 h/bit, – 125 h offset

Operating range: – 24 h to 23 h

Type: Measured

Page 10, A.18

Replace A.18 by the following.

A.18 Navigation location parameters

ISO 11783 networks shall use the navigation location parameters specified in IEC 61162-3 [NMEA 2000[1)]]. Messages requiring multiple data frames shall use the NMEA fast packet protocol instead of the ISO transport protocol specified in ISO 11783-3.

NOTE The navigational receiver antenna is located at the navigational receiver point on the tractor/implement.

Page 43, A.23.5.2

Replace A.23.5.2 by the following:

A.23.5.2 Distance units

Command specifying the distance units.

Data length: 2 bits

Value	Meaning
00	Metric (kilometres, metres, etc.)
01	Imperial/US (miles, feet, etc.)
10	Reserved
11	No action

Type: Command

1) National Marine Electronics Association network standard.

Page 44, A.23.5.3, A.23.5.5 and A.23.5.6

Replace A.23.5.3, A.23.5.5 and A.23.5.6 by the following.

A.23.5.3 Area unit

Command specifying the area units.

Data length: 2 bits

Value	Meaning
00	Metric (hectares or square metres)
01	Imperial/US (acres or square feet)
10	Reserved
11	No action

Type: Command

A.23.5.5 Mass units

Command specifying the mass units.

Data length: 2 bits

Value	Meaning
00	Metric (tonnes, kilograms, etc.)
01	Imperial (long tons, pounds, etc.)
10	US (short tons, pounds, etc.)
11	No action

Type: Command

A.23.5.6 Temperature units

Command specifying the temperature units.

Data length: 2 bits

Value	Meaning
00	Metric (degrees Celsius, degrees Kelvin, etc.)
01	Imperial/US (degrees Fahrenheit, etc.)
10	Reserved
11	No action

Type: Command

Page 45, A.23.5.7 and A.23.5.8

Replace A.23.5.7 and A.23.5.8 by the following.

A.23.5.7 Pressure units

Command specifying the pressure units.

Data length: 2 bits

Value	Meaning
00	Metric (kilopascals, pascals, etc.)
01	Imperial/US (pounds per square inch, etc.)
10	Reserved
11	No action

Type: Command

A.23.5.8 Force units

Command specifying the force units.

Data length: 2 bits

Value	Meaning
00	Metric (newtons, etc.)
01	Imperial/US (pounds force, etc.)
10	Reserved
11	No action

Type: Command

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Add the following new parameter definition at the conclusion of Annex A.

A.28 Start/Stop State

Indication to start or enable implement operations. The start or enabled state can be the result of the implement being positioned into an operating position. It can be generated by an operator placing a switch to an “on” state. An alternative name for this switch can be “Master ON/OFF” switch.

Data length: 2 bits

Value	Meaning
00	Stop or disable implement work
01	Start or enable implement work
10	Error indication
11	Not available

Type: Measured

