

DICOM Correction Item

Correction Number	CP 691
Log Summary: Clarify Additional Command Elements	
Type of Modification	Name of Standard
Clarification	PS 3.7 2007
<p>Rationale for Correction</p> <p>Part 7 does not explicitly prohibit the inclusion of standard Command Elements (Group 0000) that are not listed in the Service Parameters. This may be inferred from the fact that conditionality of elements is specified by the Service Parameters of Section 9.1, which defines Mandatory, Conditional, User Optional, and Not Applicable. If it is specified as Not Applicable, it is not User Optional; therefore, it shall not be present. However, this is just an inference, not an explicit statement.</p> <p>As a counter-example, the notes in Section 9.1 on the Message ID parameter in the response messages (identified as "Not Applicable") state:</p> <p style="padding-left: 40px;">Inclusion of this parameter in the confirmation was permitted in previous versions of this Standard but this mode of use is now retired. This parameter may be included in the confirmation but in such a case the invoking DIMSE-service-user should not attach any semantic significance to this parameter.</p> <p>This CP explicitly prohibits additional Command Elements, and explicitly makes Message ID in the response User Optional with no semantics.</p>	
Sections of documents affected	
PS 3.7 Sections 5, 9	
Correction Wording:	

Modify PS 3.7 Section 5

5 Conventions

The following conventions are used for the service description tables shown in this part of the Standard.

- (=) The value of the parameter is equal to the value of the parameter in the column to the left.
- Not applicable. **The parameter shall not be present.**
- C** The parameter is conditional. The condition(s) are defined by the text which describes the parameter.
- M** Mandatory usage
- MF** Mandatory with a fixed value
- U** The use of this parameter is a DIMSE-service-user option

UF User Option with a fixed value

Modify PS 3.7 Section 9.1.1.1

9.1.1.1 C-STORE parameters

Table 9.1-1 lists the parameters of this service.

**Table 9.1-1
C-STORE PARAMETERS**

DIMSE-C Parameter Name	Req/Ind	Rsp/Conf
Message ID	M	= <u>U</u>
Message ID Being Responded To	—	M
Affected SOP Class UID	M	U(=)
Affected SOP Instance UID	M	U(=)
Priority	M	—
Move Originator Application Entity Title	U	—
Move Originator Message ID	U	—
Data Set	M	—
Status	—	M

9.1.1.1.1 Message ID

This parameter identifies the operation. It is used to distinguish this operation from other notifications or operations that the DIMSE-service-provider may have in progress. No two identical values for the Message ID (0000,0110) shall be used for outstanding operations or notifications.

- Notes:
1. Inclusion of this parameter in the confirmation was permitted in previous versions of this Standard but this mode of use is now retired. This parameter may be included in the confirmation but in such a case the invoking DIMSE-service-user should not attach any semantic significance to this parameter.
 2. The Message ID (0000,0110) is recommended to be unique within the scope of an Association, to support debug procedures.

Modify PS 3.7 Section 9.1.2.1

9.1.2.1 C-FIND Parameters

See Table 9.1-2.

**Table 9.1-2
C-FIND PARAMETERS**

DIMSE-C Parameter Name	Req/Ind	Rsp/Conf	CnclReq/CnclInd
Message ID	M	= <u>U</u>	—

Message ID Being Responded To	—	M	M
Affected SOP Class UID	M	U(=)	—
Priority	M	—	—
Identifier	M	C	—
Status	—	M	—

9.1.2.1.1 Message ID

This parameter identifies the operation. It is used to distinguish this operation from other notifications or operations that the DIMSE-service-provider may have in progress. No two identical values for the Message ID (0000,0110) shall be used for outstanding operations or notifications.

- Notes:
1. Inclusion of this parameter in the confirmation was permitted in previous versions of this Standard but this mode of use is now retired. This parameter may be included in the confirmation but in such a case the invoking DIMSE-service-user should not attach any semantic significance to this parameter.
 2. The Message ID (0000,0110) is recommended to be unique within the scope of an Association, to support debug procedures.

Modify PS 3.7 Section 9.1.3.1

9.1.3.1 C-GET parameters

See Table 9.1-3.

**Table 9.1-3
C-GET PARAMETERS**

DIMSE-C Parameter Name	Req/Ind	Rsp/Conf	CnclReq/CnclInd
Message ID	M	<u>U</u>	—
Message ID Being Responded To	—	M	M
Affected SOP Class UID	M	U(=)	—
Priority	M	—	—
Identifier	M	U	—
Status	—	M	—
Number of Remaining Sub-operations	—	C	—
Number of Completed Sub-operations	—	C	—
Number of Failed Sub-operations	—	C	—
Number of Warning Sub-operations	—	C	—

9.1.3.1.1 Message ID

This parameter identifies the operation. It is used to distinguish this operation from other notifications or operations that the DIMSE-service-provider may have in progress. No two identical values for the Message ID (0000,0110) shall be used for outstanding operations or notifications.

- Noteσ: 1. Inclusion of this parameter in the confirmation was permitted in previous versions of this Standard but this mode of use is now retired. This parameter may be included in the confirmation but in such a case the invoking DIMSE-service-user should not attach any semantic significance to this parameter.
2. The Message ID (0000,0110) is recommended to be unique within the scope of an Association, to support debug procedures.

Modify PS 3.7 Section 9.1.4.1

9.1.4.1 C-MOVE parameters

See Table 9.1-4.

**Table 9.1-4
C-MOVE PARAMETERS**

DIMSE-C Parameter Name	Req/Ind	Rsp/Conf	CnclReq/CnclInd
Message ID	M	<u>—</u> U	—
Message ID Being Responded To	—	M	M
Affected SOP Class UID	M	U(=)	—
Priority	M	—	—
Move Destination	M	—	—
Identifier	M	U	—
Status	—	M	—
Number of Remaining Sub-operations	—	C	—
Number of Completed Sub-operations	—	C	—
Number of Failed Sub-operations	—	C	—
Number of Warning Sub-operations	—	C	—

9.1.4.1.1 Message ID

This parameter identifies the operation. It is used to distinguish this operation from other notifications or operations that the DIMSE-service-provider may have in progress. No two identical values for the Message ID (0000,0110) shall be used for outstanding operations or notifications.

- Notes: 1. Inclusion of this parameter in the confirmation was permitted in previous versions of this Standard but this mode of use is now retired. This parameter may be included in the confirmation but in such a case the invoking DIMSE-service-user should not attach any semantic significance to this parameter.
2. The Message ID (0000,0110) is recommended to be unique within the scope of an Association, to support debug procedures.

Modify PS 3.7 Section 9.1.5.1

9.1.5.1 **C-ECHO parameters**

**Table 9.1-5
C-ECHO PARAMETERS**

DIMSE-C Parameter Name	Req/Ind	Rsp/Conf
Message ID	M	<u>U</u>
Message ID Being Responded To	—	M
Affected SOP Class UID	M	U(=)
Status	—	M

9.1.5.1.1 Message ID

This parameter identifies the operation. It is used to distinguish this operation from other notifications or operations that the DIMSE-service-provider may have in progress. No two identical values for the Message ID (0000,0110) shall be used for outstanding operations or notifications.

- Notes:
1. Inclusion of this parameter in the confirmation was permitted in previous versions of this Standard but this mode of use is now retired. This parameter may be included in the confirmation but in such a case the invoking DIMSE-service-user should not attach any semantic significance to this parameter.
 2. The Message ID (0000,0110) is recommended to be unique within the scope of an Association, to support debug procedures.