

**CREX Table C – Data description operators**

REFERENCE	OPERAND	OPERATOR NAME	OPERATION DEFINITION
C 01	YYY	Data width replacement	YYY characters (from 000 to 999) replace specified Table B data width
C 02	YYY	Scale factor replacement	YYY (from –99 to 999) replaces the specified Table B scale factor
C 05	YYY	Character insertion	YYY characters (from 001 to 999), including spaces, are inserted as a data field
C 07	YYY	Units replacement	Change unit to unit defined in Common Code table C–6 by code figure equal to YYY, for example: YYY = 040 changes unit to Celsius YYY = 741 changes unit to km h <sup>-1</sup> YYY = 201 changes unit to knot YYY = 740 changes unit to km
C 41	000	Define event	This operator denotes the beginning of the definition of an event (see Note 2).
C 41	999	Cancel define event	This operator denotes the conclusion of the event definition that was begun via the previous C 41 000 operator.
C 42	000	Define conditioning event	This operator denotes the beginning of the definition of a conditioning event (see Note 2)
C 42	999	Cancel define conditioning event	This operator denotes the conclusion of the conditioning event definition that was begun via the previous C 42 000 operator.
C 43	000	Categorical forecast values follow	The values which follow are categorical forecast values (see Note 3).
C 43	999	Cancel categorical forecast values follow	This operator denotes the conclusion of the definition of categorical forecast values that was begun via the previous C 43 000 operator.
C 60	YYY	National letters insertion (see Note 4)	YYY national letters including spaces are inserted as a data field.

**Notes:**

- (1) The operations specified by operator descriptors C 41 000, C 42 000 and C 43 000 remain defined until cancelled or until the end of the data subset. Regulation 95.3.4.2 shall not apply here.
- (2) An event, as defined for use with operators C 41 000 and C 42 000, is a set of one or more circumstances described using appropriate Table B descriptors along with their corresponding data values. The grouping of such descriptors together as a single "event" allows them to be collectively assigned as the target of a separate descriptor such as B 33 045 or B 33 046. When defining a circumstance within an event, descriptor B 33 042 may be employed preceding the appropriate Table B descriptor in order to indicate that the corresponding value is actually a bound for a range of values.

(continued)

- (3) A categorical forecast value represents a "best guess" from among a set of related, and often mutually exclusive, data values or categories. Operator C 43 000 may be used to designate one or more values as being categorical forecast values, and descriptor B 33 042 may be employed preceding any such value in order to indicate that that value is actually a bound for a range of values.
- (4) Only the characters from the International Telegraphic Alphabet No. 2 (ITA2) are likely to be transmitted accurately to all recipients.