



DOCUMENT CHANGE REQUEST

DCR number	585	Changes required for:	General	Originator:	Steve Thacker - ESCC
Date:	2012/09/14	Date sent:	2010/04/08	Organisation:	ESA/ESTEC
Status:	IMPLEMENTED				

Title: Requirements for Qualification of Standard Electronic Components for Space Application

Number: 20100 Issue: 2

Other documents affected:

24300-1, 25400-3

Page:

see below

Paragraph:

see below

Original wording:

Proposed wording:

ESCC 20100 Para 5.1

Replace current last sub-Para, "The Manufacturer shall certify ... etc" with the following:

The Manufacturer shall commit to the following undertakings with respect to the application:

- a) He will perform any actions arising from the subsequent evaluation and qualification phases, which are considered necessary by the ESCC Executive for the proper qualification of the component.
- b) He will maintain production capability for a qualified component for a minimum of 5 years after the initial qualification certification, or as agreed with the ESCC Executive.
- c) He will provide the ESCC Executive and all his customers with a minimum of 6 months prior notice of the last order acceptance date, in the event of a planned discontinuation of a qualified component.

ESCC24300 Para 9.1

Add the following after the bullets:

The Manufacturer shall commit to the following undertakings with respect to the application:

- a) He will perform any actions arising from the subsequent evaluation and capability approval testing phases, which are considered necessary by the ESCC Executive for the proper capability approval of the capability domain.



DOCUMENT CHANGE REQUEST

DCR number	585	Changes required for: General	Originator: Steve Thacker - ESCC
Date: 2012/09/14		Date sent: 2010/04/08	Organisation: ESA/ESTEC
Status: IMPLEMENTED			

b) He will maintain production capability for an approved capability domain for a minimum of 5 years after the initial capability approval certification, or as agreed with the ESCC Executive.

c) He will provide the ESCC Executive and all his customers with a minimum of 6 months prior notice of the last order acceptance date, in the event of a planned discontinuation of a capability approval or an individual component qualified within an approved capability domain.

ESCC25400 Para 11.1

Add the following after the 2nd sub-Para:

.....
The Manufacturer shall commit to the following undertakings with respect to the application:

a) He will perform any actions arising from the subsequent evaluation, certification and qualification phases, which are considered necessary by the ESCC Executive for the proper qualification of a technology flow.

b) He will maintain production capability for a qualified technology flow for a minimum of 5 years after the initial qualification certification, or as agreed with the ESCC Executive.

c) He will provide the ESCC Executive and all his customers with a minimum of 6 months prior notice of the last order acceptance date, in the event of a planned discontinuation of a qualified technology flow or an individual component qualified within a qualified technology flow.

Justification:

Point a) in each spec makes all 3 specs consistent with each other (based on the current para 5.1 of ESCC20100)(i.e. point a) is effectively missing from ESCC 24300 & 25400)

.....
Points b) & c) in each of the 3 specs add missing requirements currently specified in ESCC 12100, PROCEDURE FOR QUALIFICATIONS, Para 5.5 (see note below).

Specific time limits are defined in each point b)(5 years) & c)(6 months) based on the general industrial baseline for space products, as well as good commercial practise.

Note: ESCC 12100, PROCEDURE FOR QUALIFICATIONS, Para 5.5 states:

A Manufacturer, agreeing to participate in ESCC, shall in respect of his products:

- Undertake to maintain the availability of ESCC qualified parts to the space market for an agreed period following



DOCUMENT CHANGE REQUEST

DCR number 585 Changes required for: General

Date: 2012/09/14

Date sent: 2010/04/08

Originator: Steve Thacker - ESCC

Organisation: ESA/ESTEC

Status: IMPLEMENTED

certification.

- Undertake to inform the Executive in advance of a planned discontinuation of qualified parts and to provide for last time orders.

Attachments:

N/A

Modifications:

Amend and replace each item a) in the original DCR585 text for each specification, ESCC 20100 Para 5.1, ESCC24300 Para 9.1 and ESCC25400 Para 11.1, as follows:

ESCC 20100 Para 5.1

a) He will perform any actions arising from the subsequent evaluation and qualification phases, which are considered necessary by the ESCC Executive for the proper qualification of the component, subject to the ESCC Executive providing the Manufacturer with a full justification.

ESCC24300 Para 9.1

a) He will perform any actions arising from the subsequent evaluation and capability approval testing phases, which are considered necessary by the ESCC Executive for the proper capability approval of the capability domain, subject to the ESCC Executive providing the Manufacturer with a full justification.

ESCC25400 Para 11.1

a) He will perform any actions arising from the subsequent evaluation, certification and qualification phases, which are considered necessary by the ESCC Executive for the proper qualification of a technology flow, subject to the ESCC Executive providing the Manufacturer with a full justification.

Approval signature:

Date signed:

2012-09-14