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Space systems — Programme management — Breakdown of project management structures

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National foreword

This British Standard is the UK implementation of ISO 27026:2011.

The UK participation in its preparation was entrusted by Technical Committee ACE/68, Space systems and operations, to Subcommittee ACE/68/-/5, Space systems and operations - Programme management.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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2011-02-15

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2011-05-01

Space systems — Programme management — Breakdown of project management structures

*Systèmes spatiaux — Management de programme — Éléments de
structures de gestion de projet*



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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.

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 27026 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

This corrected version of ISO 27026:2011 incorporates the following corrections plus other minor editorial modifications.

Annex A: Figure A.1 has replaced Figure C.1.

In new Figure C.1:

PL component: PL.1.1.1.1

PL component: PL.1.1.1.1

has been changed to:

PL component: PL.1.1.1.1

PL component: PL.1.1.1.2

and

PA component: PA.1.1.1.1

PA component: PA.1.1.1.1

has been changed to

PA component: PA.1.1.1.1

PA component: PA.1.1.1.2

In the Note, “specification” has been changed to “product”.

Annex B: Figure B.1 has replaced Figure A.1.

In the new Figure A.1, “function” has been changed to “specification”.

Annex C: Figure C.1 has replaced Figure B.1.

In the new Figure B.1, “PA subfunction” on the left side has been changed to “PL subfunction” and “PA sub-subfunction” has been changed to “PL sub-subfunction”. In the Note, “product” has been changed to “function”.

Annex D:

PL component WBS item: PL.1.1.1.1

PL component WBS item: PL.1.1.1.1

has been changed to:

PL component WBS item: PL.1.1.1.1

PL component WBS item: PL.1.1.1.2

and

PA component WBS item: PA.1.1.1.1

PA component WBS item: PA.1.1.1.1

has been changed to:

PA component WBS item: PA.1.1.1.1

PA component WBS item: PA.1.1.1.2

Annex E:

PL component CBS item: PL.1.1.1.1

PL component CBS item: PL.1.1.1.1

has been changed to:

PL component CBS item: PL.1.1.1.1

PL component CBS item: PL.1.1.1.2

and

PA component CBS item: PA.1.1.1.1

PA component CBS item: PA.1.1.1.1

has been changed to:

PA component CBS item: PA.1.1.1.1

PA component CBS item: PA.1.1.1.2

Introduction

Space programmes, and the space systems developed by them, are complex, incorporate many different technologies, and can last for many years progressing through several different stages from conception to disposal or other disposition. When a space programme advances from one stage to another, substantial changes in the breakdown of project management structures, hereinafter collectively called project breakdown structures, of the programme and the type and amount of resources required can occur; a programme is often composed of one or more projects. In addition, there can be attendant risks to either the success of the project or to the well-being of project equipment or to personnel. Well-regulated project breakdown structures can be an important factor in ensuring that all factors are ready for these changes through controlled changes to the project breakdown structures that form a framework for the project in each of the several different stages, and assist in ensuring that the risks are well understood and accepted. Use of this International Standard as a basis for the framework of activities comprising the project, the necessary resources, controls, inputs, outputs, and results is intended to enhance communications between different organizations that participate in a project, and can assist in reducing costs and schedule of performing the project in each stage.