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Space systems — Experience gained in space projects (Lessons learned) — Principles and guidelines

Systèmes spatiaux — Évaluation de la connaissance pratique — Principes et lignes directrices

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Foreword

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Introduction

In order to improve the quality of products and to work efficiently, it is important to consider past experiences and how the knowledge of those experiences is transmitted. The aim is to decrease errors (in terms of both quantity and gravity), improve working methods and decrease risks of nonconformity to specified objectives (management, technical, quality, costs and schedules).

In the process of lessons learned, future space projects or programmes are intended to draw benefit from past experience, by capturing and communicating knowledge from the past through recording, classifying and making the information available.

An efficient processing of lessons learned is considered essential for

— ongoing efficiency and quality improvement inside any organization, and

— successful project management.

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