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Space systems — Spacecraft and launch vehicle combined operation plan (COP) at launch site — General format

Systèmes spatiaux — Plan d'opérations combinées (COP) des véhicules spatiaux et des lanceurs sur le site de lancement — Format général

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Foreword

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

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Introduction

The purpose of this document is to provide spacecraft (SC) and launch vehicle (LV) organizations with the general format for presenting the Combined Operation Plan (COP).

Currently, launch service providers have their own COP at each launch site. Standardization of COP will minimize cost and time to have the common baseline of the general operation requirements between SC and LV.

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Space systems — Spacecraft and launch vehicle combined operation plan (COP) at launch site — General format

1 Scope

This document provides general format for spacecraft and launch vehicle Combined Operation Plan (COP).

2 Normative references

There are no normative references in this document.

3 Terms, definitions and abbreviated terms

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

COP Combined Operation Plan

LV Launch Vehicle

ML Movable Launcher

PLA Payload Adapter

RF Radio Frequency

SC Spacecraft

4 General requirements

General requirements shall include:

a) requirements for entering the COP;

b) requirements applicable to all operations;

c) launch site facilities; and

d) range safety.

5 SC/PLA mating and fairing-encapsulation (operation plan at spacecraft processing facility)

The SC/PLA mating and fairing-encapsulation (operation plan at the SC processing facility) shall include:

a) an overall description of the SC/PLA mating and fairing-encapsulation;

b) the operation sequence and work allocation/responsibility;

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