

# ISO 23507:2025-03 (E)

## Space data and information transfer systems - Information preparation to enable long term use

---

<b>Contents</b>	<b>Page</b>
<b>1 INTRODUCTION</b> .....	<b>1-1</b>
1.1 PURPOSE AND SCOPE.....	1-1
1.2 CONTEXT.....	1-1
1.3 APPLICABILITY.....	1-4
1.4 RATIONALE.....	1-4
1.5 CONFORMANCE.....	1-5
1.6 DOCUMENT STRUCTURE.....	1-5
1.7 DEFINITIONS.....	1-6
1.8 NOMENCLATURE.....	1-9
1.9 REFERENCES.....	1-10
<b>2 OVERVIEW</b> .....	<b>2-1</b>
2.1 GROUPINGS OF ACTIVITIES.....	2-1
2.2 AREAS.....	2-2
<b>3 COLLECTION GROUPS</b> .....	<b>3-1</b>
3.1 OVERVIEW.....	3-1
3.2 OVERVIEW OF COLLECTION GROUPS.....	3-1
3.3 DETAILS OF THE COLLECTION GROUPS.....	3-1
<b>4 ADDITIONAL INFORMATION AREAS TO ENSURE LONG-TERM USABILITY</b> .....	<b>4-1</b>
4.1 GENERAL.....	4-1
4.2 INFORMATION AREAS DERIVED FROM OAIS DEFINED INFORMATION OBJECTS.....	4-2
4.3 INFORMATION AREAS DERIVED FROM ISSUES OUTSIDE THE INFORMATION MODEL.....	4-8
<b>5 FRAMEWORK—ACTIVITIES DETAIL</b> .....	<b>5-1</b>
<b>ANNEX A SECURITY, SANA AND PATENT CONSIDERATIONS (INFORMATIVE)</b> .....	<b>A-1</b>
<b>ANNEX B PMBOK AND DMBOK (INFORMATIVE)</b> .....	<b>B-1</b>
<b>ANNEX C MAPPING OF COLLECTION GROUPS TO OTHER PROJECT SCHEMES (INFORMATIVE)</b> .....	<b>C-1</b>
<b>ANNEX D SPACE MISSION DIGITAL TARGET OF PRESERVATION PROFORMA (DTOPP) CHECKLIST (INFORMATIVE)</b> .....	<b>D-1</b>
<b>ANNEX E EXAMPLE USE CASES (INFORMATIVE)</b> .....	<b>E-1</b>

Figure

1-1	Relationship between CCSDS Standards.....	1-3
3-1	Example Collection Groups within a Project with Three Phases .....	3-1
4-1	Archival Information Package (Detailed View) .....	4-1
C-1	Mapping Collection Groups to Commonly Used Phases.....	C-2

Table

5-1	Status of Information Capture for Additional Information in Collection Groups .....	5-2
-----	---	-----