

ISO 20105:2015-08 (E)

Space data and information transfer systems - Operation of CFDP over encapsulation service

Contents	Page
1 INTRODUCTION.....	1-1
1.1 PURPOSE AND SCOPE OF THIS DOCUMENT	1-1
1.2 APPLICABILITY.....	1-1
1.3 RATIONALE.....	1-1
1.4 DOCUMENT STRUCTURE	1-1
1.5 CONVENTIONS AND DEFINITIONS.....	1-2
1.6 NOMENCLATURE	1-2
1.7 REFERENCES	1-3
2 OVERVIEW.....	2-1
2.1 GENERAL.....	2-1
2.2 CONTEXT AND GUIDELINES	2-1
3 CFDP-OVER-ENCAPSULATION	3-1
3.1 GENERAL.....	3-1
3.2 DISCUSSION—CFDP REQUIRED SERVICE	3-1
3.3 DISCUSSION—ENCAPSULATION SERVICE	3-1
3.4 EQUIVALENCIES.....	3-2
ANNEX A INFORMATIVE REFERENCES	A-1
ANNEX B CFDP OPERATION OVER CCSDS SPACE LINKS (INFORMATIVE)..	B-1
ANNEX C OPTIONS FOR DEPLOYMENT INTO GROUND STATION	
NETWORKS (INFORMATIVE).....	C-1
ANNEX D ABBREVIATIONS.....	D-1

Figure

2-1 CFDP Communication over Encapsulation.....	2-1
B-1 CFDP Earth/Spacecraft Architecture Example	B-1
B-2 CFDP Communication between Earth and a Spacecraft	B-2
B-3 CFDP Proximity Physical Architecture Example.....	B-3
B-4 CFDP Communication with Landed Element	B-4

Table

B-1 Link Designations.....	B-2
B-2 Link Designations.....	B-4