ISO 18444:2016-11 (E)

Space data and information transfer systems - Space link extension - Application program interf ace for return operational control fields service

Contents

Page

1 INTRODUCTION **1-1**

1.1 PURPOSE 1-1
1.2 SCOPE 1-1
1.3 APPLICABILITY 1-2
1.4 RATIONALE 1-2
1.5 DOCUMENT STRUCTURE 1-3
1.6 DEFINITIONS, NOMENCLATURE, AND CONVENTIONS 1-5
1.7 REFERENCES 1-8

2 OVERVIEW **2-1**

2.1 INTRODUCTION 2-1
2.2 PACKAGE ROCF SERVICE INSTANCES 2-1
2.3 PACKAGE ROCF OPERATIONS 2-5
2.4 SECURITY ASPECTS OF THE SLE ROCF TRANSFER SERVICE 2-7

3 ROCF SPECIFIC SPECIFICATIONS FOR API COMPONENTS **3-1**

3.1 API SERVICE ELEMENT 3-1
3.2 SLE OPERATIONS 3-9
3.3 SLE APPLICATION 3-9
3.4 SEQUENCE OF DIAGNOSTIC CODES 3-10

ANNEX A ROCF SPECIFIC INTERFACES (NORMATIVE) **A-1**
ANNEX B ACRONYMS (INFORMATIVE) **B-1**
ANNEX C INFORMATIVE REFERENCES (INFORMATIVE) **C-1**

Figure

1-1 SLE Services and SLE API Documentation 1-4
2-1 ROCF Service Instances 2-2
2-2 ROCF Operation Object Interfaces 2-6

Table

2-1 ROCF Configuration Parameters 2-4
2-2 ROCF Status Information 2-5
2-3 Mapping of ROCF Operations to Operation Object Interfaces 2-7