

# ISO 18443:2016-11 (E)

## Space data and information transfer systems - Space link extension - Application program interface for return channel frames service

---

<b>Contents</b>	<b>Page</b>
<b>1 INTRODUCTION</b> .....	<b>1-1</b>
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
<b>2 OVERVIEW</b> .....	<b>2-1</b>
2.1 INTRODUCTION .....	2-1
2.2 PACKAGE RCF SERVICE INSTANCES .....	2-1
2.3 PACKAGE RCF OPERATIONS .....	2-5
2.4 SECURITY ASPECTS OF THE SLE RCF TRANSFER SERVICE .....	2-8
<b>3 RCF SPECIFIC SPECIFICATIONS FOR API COMPONENTS</b> .....	<b>3-1</b>
3.1 API SERVICE ELEMENT.....	3-1
3.2 SLE OPERATIONS.....	3-6
3.3 SLE APPLICATION .....	3-7
3.4 SEQUENCE OF DIAGNOSTIC CODES.....	3-7
<b>ANNEX A RCF SPECIFIC INTERFACES (NORMATIVE)</b> .....	<b>A-1</b>
<b>ANNEX B ACRONYMS (INFORMATIVE)</b> .....	<b>B-1</b>
<b>ANNEX C INFORMATIVE REFERENCES (INFORMATIVE)</b> .....	<b>C-1</b>

Figure

1-1 SLE Services and SLE API Documentation .....	1-4
2-1 RCF Service Instances .....	2-2
2-2 RCF Operation Object Interfaces.....	2-7

Table

2-1 RCF Configuration Parameters.....	2-4
2-2 RCF Status Information .....	2-5
2-3 Mapping of RCF Operations to Operation Object Interfaces .....	2-6