ISO 18428:2013-06 (E)

Space data and information transfer systems - Spacecraft Onboard Interface Services - Subnetwork Device Discovery 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 DOCUMENT NOMENCLATURE 1-4
1.7 REFERENCES 1-4

2 OVERVIEW 2-1

2.1 FUNCTION 2-1
2.2 CONTEXT 2-1
2.3 ASSUMPTIONS 2-2
2.4 QUALITY OF SERVICE 2-2
2.5 SECURITY 2-2

3 SUBNETWORK DEVICE DISCOVERY SERVICE 3-1

3.1 SERVICE PARAMETERS 3-1
3.2 DEVICE DISCOVERY SERVICE PRIMITIVES 3-1

4 MANAGEMENT INFORMATION BASE 4-1

4.1 OVERVIEW 4-1
4.2 SPECIFICATIONS 4-1

5 SERVICE CONFORMANCE STATEMENT PROFORMA 5-1

ANNEX A INFORMATIVE REFERENCES A-1

Figure

1-1 Bit Numbering Convention 1-2
2-1 Subnetwork Device Discovery Service Context 2-1