ISO/IEC 29341-6-14:2008-11 (E)

Information technology_- UPnP Device Architecture_- Part_6-14: Heating, Ventilation, and Air Conditioning Device Control Protocol_- Setpoint Schedule Service

CONTENTS

FOREWORD 3

ORIGINAL UPNP DOCUMENTS (informative) 5

1. Overview and Scope 7

2. Service Modeling Definitions 8

2.1. ServiceType 8

2.2. State Variables 8

2.2.1. A_ARG_TYPE_DayOfWeek 9
2.2.2. A_ARG_TYPE_EventName 10
2.2.3. A_ARG_TYPE_StartTime 10
2.2.4. A_ARG_TYPE_HeatingSetpoint 10
2.2.5. A_ARG_TYPE_CoolingSetpoint 10
2.2.6. EventsPerDay 10
2.2.7. Relationships Between State Variables 10

2.3. Eventing and Moderation 11

2.3.1. Event Model 11

2.4. Actions 12

2.4.1. SetEventParameters 12
2.4.2. GetEventsPerDay 13
2.4.3. Non-Standard Actions Implemented by a UPnP Vendor 13
2.4.4. Relationships Between Actions 14
2.4.5. Common Error Codes 14

2.5. Theory of Operation 15

3. XML Service Description 17

4. Test 20

LIST OF TABLES

Table 1 State Variables 8

Table 2 AllowedValueList for A_ARG_TYPE_DayOfWeek 9

Table 3 AllowedValueList for A_ARG_TYPE_EventName 9

Table 4 Eventing & Moderation 11

Table 5 Event Model 11

Table 6 Values of EventsPerDay String 12

Table 7 Action list 12

Table 8 Arguments for SetEventParameters 12

Table 9 Arguments for GetEventsPerDay 13

Table 10 Common Error Codes 14

Table 11 Example Table 16