

<b>Document Title</b>	SWS_StandardTypes: Complete Change Documentation 4.3.0 - 4.3.1
<b>Document Owner</b>	AUTOSAR
<b>Document Responsibility</b>	AUTOSAR
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<b>Part of Standard Release</b>	4.3.1

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# 1 SWS\_StandardTypes

## 1.1 Specification Item SWS\_Std\_00007

### Trace References:

[SRS\\_BSW\\_00348](#)

### Content:

Name:	STD_HIGH, STD_LOW		
Type:	Enumeration		
Range:	STD_LOW	0x00u	-
	STD_HIGH	0x01u	-
Description:	The symbols STD_HIGH and STD_LOW shall be defined as follows: #define STD_HIGH 0x01u /* Physical state 5V or 3.3V */ #define STD_LOW 0x00u /* Physical state 0V */		

### RfCs affecting this spec item between releases 4.3.0 and 4.3.1:

- RfC #75557: Missing Requirements for STD\_HIGH, STD\_LOW and STD\_ACTIVE, STD\_IDLE and STD\_ON, STD\_OFF

#### Problem description:

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Name: Oscar Slotosch  
 Phone: +49 89 538866911  
 Role: Doc Owner SWS\_StdTypes

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#### Description/Motivation:

During requirements tracing completion I noticed that there is missing two requirements for the definition of the types:

SWS\_Std\_00007:STD\_HIGH, STD\_LOW  
 SWS\_Std\_00013:STD\_ACTIVE, STD\_IDLE  
 SWS\_Std\_00010: STD\_ON, STD\_OFF

If we do not find/add a requirement for those types to SRS\_General we would have to remove the types.

This could cause many compiler errors all over the world.

Proposed Solution: Either point me to some requirements that I can use for tracing, or create new requirements (preferable with traces to RS\_Features ;-)

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Was there already a decision? No

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**Agreed solution:**

Update description of SRS\_BSW\_00348 with a new bullet:  
 "- define values for STD\_HIGH, STD\_LOW, STD\_ACTIVE, STD\_IDLE"  
 –Last change on issue 75557 comment 7–

**BW-C-Level:**

Application	Specification	Bus
1	1	1

## 1.2 Specification Item SWS\_Std\_00010

**Trace References:**

[SRS\\_BSW\\_00348](#)

**Content:**

Name:	STD_ON, STD_OFF		
Type:	Enumeration		
Range:	STD_OFF	0x00u	–
	STD_ON	0x01u	–
Description:	The symbols STD_ON and STD_OFF shall be defined as follows: #define STD_ON 0x01u #define STD_OFF 0x00u		

**RfCs affecting this spec item between releases 4.3.0 and 4.3.1:**

- RfC #75557: Missing Requirements for STD\_HIGH, STD\_LOW and STD\_ACTIVE, STD\_IDLE and STD\_ON, STD\_OFF

**Problem description:**

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Name: Oscar Slotosch  
 Phone: +49 89 538866911  
 Role: Doc Owner SWS\_StdTypes

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**Description/Motivation:**

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SWS\_Std\_00007:STD\_HIGH, STD\_LOW  
 SWS\_Std\_00013:STD\_ACTIVE, STD\_IDLE  
 SWS\_Std\_00010: STD\_ON, STD\_OFF

If we do not find/add a requirement for those types to SRS\_General we would have to remove the types.

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Proposed Solution: Either point me to some requirements that I can use for tracing, or create new requirements (preferable with traces to RS\_Features ;-)

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Was there already a decision? No

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**Agreed solution:**

Update description of SRS\_BSW\_00348 with a new bullet:  
 "- define values for STD\_HIGH, STD\_LOW, STD\_ACTIVE, STD\_IDLE"  
 –Last change on issue 75557 comment 7–

**BW-C-Level:**

Application	Specification	Bus
1	1	1

### 1.3 Specification Item SWS\_Std\_00013

**Trace References:**

[SRS\\_BSW\\_00348](#)

**Content:**

Name:	STD_ACTIVE, STD_IDLE		
Type:	Enumeration		
Range:	STD_IDLE	0x00u	–
	STD_ACTIVE	0x01u	–
Description:	The symbols STD_ACTIVE and STD_IDLE shall be defined as follows: #define STD_ACTIVE 0x01u /* Logical state active */ #define STD_IDLE 0x00u /* Logical state idle */		

**RfCs affecting this spec item between releases 4.3.0 and 4.3.1:**

- RfC #75557: Missing Requirements for STD\_HIGH, STD\_LOW and STD\_ACTIVE, STD\_IDLE and STD\_ON, STD\_OFF

**Problem description:**

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Name: Oscar Slotosch  
Phone: +49 89 538866911  
Role: Doc Owner SWS\_StdTypes

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**Description/Motivation:**

During requirements tracing completion I noticed that there is missing two requirements for the definition of the types:

SWS\_Std\_00007:STD\_HIGH, STD\_LOW  
SWS\_Std\_00013:STD\_ACTIVE, STD\_IDLE  
SWS\_Std\_00010: STD\_ON, STD\_OFF

If we do not find/add a requirement for those types to SRS\_General we would have to remove the types.

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Proposed Solution: Elther point me to some requirements that I can use for tracing, or create new requirements (preferable with traces to RS\_Features ;-)

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Was there already a decision? No

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**Agreed solution:**

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"- define values for STD\_HIGH, STD\_LOW, STD\_ACTIVE, STD\_IDLE"  
-Last change on issue 75557 comment 7-

**BW-C-Level:**

Application	Specification	Bus
1	1	1