

Document Title	SWS_StandardTypes: Complete Change Documentation 4.3.0 - 4.3.1
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Table of Contents

1	SWS_StandardTypes	3
1.1	Specification Item SWS_Std_00007	3
1.2	Specification Item SWS_Std_00010	4
1.3	Specification Item SWS_Std_00013	5

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:

Name: Oscar Slotosch
Phone: +49 89 538866911
Role: Doc Owner SWS_StdTypes

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

Was there already a decision? No

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:

Name: Oscar Slotosch
Phone: +49 89 538866911
Role: Doc Owner SWS_StdTypes

Description/Motivation:

During requirements tracing completion I noticed that there is missing two require-

ments 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: Elther point me to some requirements that I can use for tracing, or create new requirements (preferable with traces to RS_Features ;-)

Was there already a decision? No

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:

Name: Oscar Slotosch
Phone: +49 89 538866911
Role: Doc Owner SWS_StdTypes

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

Was there already a decision? No

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