BMW GROUP

Rolls-Royce Motor Cars Limited

Version	Date	Changed by	Description

Company

Postal address

Office address

Telephone

Internet

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Rolls-Royce Motor Cars Limited

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1 Overview

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2 Acronyms and Abbreviations

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3 Related documentation

3.1 BMW Specifications

3.2 AUTOSAR Specifications

4 Usage

4.1 Receiving the VIN and Qualifier

```
Vin_VinType           ExternalVIN;

if( E_OK == Rte_Read_Vin_Vin_Vin(&ExternalVIN))
{
   /* ExternalVIN.Vin contains the VIN,
      ExternalVIN.Qualifier contains the corresponding qualifier */
}
```

4.2 Evaluating the Qualifier

Vin_Helper.h

```
#include "Vin_Helper.h"

if (VIN_CHECKQUALIFIER(ExternalVIN.Qualifier, VIN_CQ_VIN_RECEIVED))
{
   /* An external VIN has been received */
}
```

```
#include "Vin_Helper.h"

if (VIN_CHECKQUALIFIER(ExternalVIN.Qualifier, VIN_CQ_VIN_SECURE))
{
   /* An external secured VIN has been received and verified */
}
```

VIN_CQ_VIN_UNSAFE

4.3 Getting Notified about a Changed VIN

VinChangeIndicator

VIN_CI_CHANGED

VIN_CI_CHANGED
VIN_CI_NOCHANGE

Hint:

ON-ENTER

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