



# <SERVICE> Service Specification

## Service# ?

Version 1.1, March 2024, for Service version ??

Compatible with CBUS ® 4.0 Rev 8j

## VLCB <SERVICE> Service Specification

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## 0.2 Document History

Date	Changed by	Summary of changes	Service version

# 1. VLCB Services

This document describes the VLCB <SERVICE> service. This service is an optional addition to the VLCB Minimum Node Specification.

Modules wishing to use the VLCB <SERVICE> service shall conform to this specification.

## 2. Introduction / Description / Explanation

Introduction describing the goals and solutions developed for this service.

### 2.1. Dependencies on other services

List of the services which a module must also implement to support this <SERVICE>.

## 3. Summary of Opcodes

Refer to the VLCB Opcode Specification document for details of the opcodes.

Request to Module	Module's Response	Use/meaning
Any	GRSP	OK / Error response with RQ-opcode, and Service-specific data
	CMDERR	Error response
RQSD	SD, ESD	Request Service information
Service-specific	Service-specific	Service-specific

## 4. Service Specific Modes

Add additional Service-specific modes here, or state:

No additional operating modes are specified by the <SERVICE> service.

## 5. Service Specific Status Codes

Add additional Service-specific status codes here, or state:

No additional GRSP status codes are specified by the <SERVICE>service.

Status codes should be enumerated from 255 (0xFF) downwards, so that the standard CMDERR codes can be used as necessary.

## 6. Service Specific Diagnostic Data

Add additional Service-specific diagnostic data here, or state:

No additional RDGN diagnostic data numbers are specified by the <SERVICE> service.

## 7. Service Specific Automatic Power-up Tests

Add additional Service-specific automatic power-up tests here, or state:

No service specific power-up tests are specified by the <SERVICE> service.

## 8. Service Documentation

What needs to be documented when a module implements this service.

## 9 Service Data

### 9.1 Parameters

The following parameters are associated with the <SERVICE> service and shall be supported.

Address	Param#	Name	Usage	VLCB should set these values	Value if NV service is not supported

### 9.2 ESD data bytes

Describe the meaning of any data passed in the ESD message.