SOFTWARE REQUIREMENTS SPECIFICATION

for a

Train Control System

Release 1.0

Version 1.0 approved

Contents

Revision History

1 Requirements

Req-1.0.0.1	Some requirements may be optional. Req-2.0.1.1

1.1 XMF-Language

1.2 Kernel

1.3 X-Modeler

1.3.1 Diagrams

Multi-Level Diagram

2 Specifications

Req-2.0.1.1	Some specifications may be optional. Req-1.0.0.1

2.1 XMF-Language

2.2 Kernel

2.3 X-Modeler

2.3.1 Diagrams

Multi-Level Diagram

2.3.2 Signals

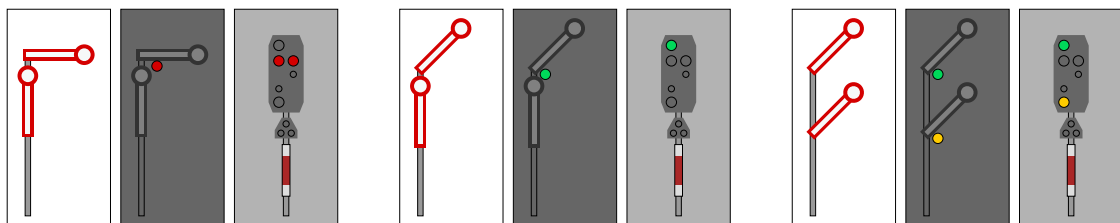| Spec-2.3.2.1	Hp0: Stop aspect. One or two red lights. See Fig. 2.1, **??**, **??**
Spec-2.3.2.2	Hp1: Proceed aspect. One green light. See Fig. 2.1, **??**
Spec-2.3.2.3	Hp2: Slow aspect. One green over one yellow light. Shown for speeds up to $60kmh^{-1}$. If no speed is specified by Zs3 the limit is $40kmh^{-1}$. This default speed limit may be changed to $50kmh^{-1}$ or $60kmh^{-1}$. See Fig. 2.1, **??**, **??**, **??**, **??**, **??**, **??**, **??**

Figure 2.1: from left to right: Hp0, Hp1, Hp2