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Subject: [railML3.3] Signal combinations

Posted by [Jörg von Lingen](#) on Sun, 20 Aug 2023 11:44:15 GMT

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Dear all,

especially with UC Scematic track plan the question arose how to model signals with different functions. For most infrastructure managers these signals are represented on the plan with different symbols depending on the parts installed on that pole. Here I suggest to make use of the functional information placed in the interlocking subschema.

With the latest extensions in the schema there can be several <signalL> and <signalIndicator> referring to the same physical <signalS>. From these relation the signal function (in interlocking domain), the possible aspects and the number of installed lamps [1] can be retrieved.

As illustration I have attached a sketch showing the relations for a German Ks-signal as example. A signal with a main, distant and shunting signal on the same pole can be modelled in similar way.

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[1] Proposal for signal lamps <https://www.railml.org/forum/index.php?t=msg&th=786&start=0&>

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### File Attachments

1) [signal\\_combinations.png](#), downloaded 237 times

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