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Subject: [railML3.2]: Signal on the same mast

Posted by [Jörg von Lingen](#) on Thu, 08 Jul 2021 08:04:42 GMT

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Dear all,

there are cases when different signals, e.g. main and shunting or main and distant, are mounted on the same mast. In such cases they might have slightly different functionality from the interlocking perspective. In railML interlocking they would be represented by different elements <signallL>.

In order to mark the relation I suggest to add a boolean attribute @onSameMast to <signallL>, which is set "true" for shunting or distant signals, if they are mounted on the same mast.

For a more distinctive relation it might be better to use an alternative approach instead: new child <onSameMastWith> of type EntityLref, i.e. with reference to the other <signallL> [0..\*] mounted on the same mast.

Please, give me your opinion, which solution would suit your needs.

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Regards,  
Jörg von Lingen - Interlocking Coordinator

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