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Subject: Station indicator

Posted by [Heidrun Jost](#) on Tue, 27 Aug 2019 09:22:21 GMT

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Dear all,

the Human-Man-Interface (HMI) of interlocking systems has usually some logical elements not related to physical objects which are only used for indication or commanding.

But they need to be known to the interlocking. One variant are Station Indicators.

The Station Indicator defines a collecting detector ("Sammelmelder").

The following list specifies what indications must be possible for such a station zone:

- Automatic Route Setting
- Automatic Train Routing
- Catenary
- Door Alarm
- Emergency Stop Group
- Error Handling
- Fire Alarm
- Switch Cascade
- Crank Handle Cabinet
- Confirm Inhibitions
- Operating Areas
- Switch Heating
- Temperature Alarm
- Keylock Indicator
- Operating Group
- Local/central Operating Mode
- Overall operating Area
- Points Heating (Temperature sensor)
- Switch Signal (lightning)

Is it possible to extend the data model of railML 3.x in that way?

Best regards,

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