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Subject: Description of <upTime>@mode (Re: Extension suggestion for <upTime>)  
Posted by [Vasco Paul Kolmorgen](#) on Fri, 21 Feb 2020 20:40:33 GMT  
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Dear Torben, dear all,

I don't want to anticipate the discussion by the community about the proposed extensions, but I would like to contribute something to the meaning of the individual values at <ocp> <propOperational><uptime>@mode:

Am 18.02.2020 um 03:06 schrieb Torben Brand:

> Furthermore, we are looking for a description of the value  
> "off" in <upTime>@mode. What does this value stand for?

- „manned“: The <ocp> is operational/usable and staffed with IM's personnel ready for operation on site (in the area of the <ocp>).
- „unmanned“: The <ocp> is operational/usable and not staffed with on site personnel by the IM. Even the <ocp> is not controlled or is remote controlled by any staff of the IM and there is no IM's staff is available in the area of the <ocp>.
- „off“: The <ocp> is temporarily not operational/usable. No information about local staff is given by this value. Please note that the values <ocp><states><state>@status={disabled|closed} shall be used for a long-term non-defined or permanent disabling of an <ocp>.

Additionally the following semantic constraints should apply:

- an <ocp> with attribute @operationalType="blockSignal" shall not have <propOperational><uptime>@mode="manned" (as a manned blockSignal shall be modelled in railML 2.x as blockPost),
- an <ocp> with attribute @operationalType="stoppingPoint" shall not have <propOperational><uptime>@mode="manned" (as a stoppingPoint has no operational usage and therefore no operational staff by the IM),
- an enumeration of several time periods by @from and @until for one <ocp> shall not overlap so that for every time there shall be a unique status of <uptime>.

What do you think about?

Are there additional semantic constraints to be described?

Best regards,

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