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>.

Additonally 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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