Subject: Re: train protection systems
Posted by                on Fri, 08 May 2015 17:22:56 GMT
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Dear Joerg and Christian,

I can possibly help to clarify this matter a little bit. Probably these
"medium" and "monitoring" go back to the very roots of railML when we
(at Fraunhofer Dresden / TU Dresden then) filled the first structures
with all we knew - with or without practical background...

If so, and if there was no usage of these values in the years since
then, we possibly can omit at least the "monitoring". It is very
theoretical and has never had a real background. It is only that we did
teach the students things about Zugbeeinflussungsanlagen from a German
point of view like
  PZB = punktförmig; induktiv, mechanisch, optisch...
  LZB = linienförmig, Kabel oder Schiene...
  ATP = punktförmig, magnetisch
  Krokodil...

We should avoid the "monitoring" = [intermittent, continuous] since
Zugbeeinflussungsanlagen like ZUB (HF-Technik, Induktionsschleifen) and
ETCS (radio) are hybrids, they are a kind of semi-continuous. I think
nobody here (in railML) needs this rather academic information.

We can possibly also discard the "medium" if we have a certain attribute
for type/model/series such as "PZB80". "I60", "LZB90", "LZB500",
"ZUB121" a. s. o. If so, everybody can deduce the "medium" from the
type. Also, some types (as ZUB121) can have several mediums (HF-Balisen
and Induktionsschleifen).

Best regards,
Dirk.