Dear Christian,

we do not use <track>.@mainDir. We would not miss it.

We use <sectionTT>.@trackInfo with:
 =1 for "regular track" (dt: Regelgleis)
 =2 for "track of the opposite direction" (dt: Gegengleis).

This usage of <sectionTT>.@trackInfo is redundant to <sectionTT>.<trackRef>.@ref: If a train runs on the Gegengleis (<sectionTT>.@trackInfo='2'), it has also <sectionTT>.<trackRef>.@ref set to the proper track of the opposite direction.

This redundancy is a "short-cut" for cases if there is no full <infrastructure> at the railML file or if a reading software does not like the effort of parsing the <infrastructure>.

In spite of there is a (small) usage of "regular direction" and "wrong direction", it is rather a short-cut around the infrastructure details but not necessarily a demand for infrastructure. It could explain why somebody could want to define a regular direction of tracks. But it is not so obvious or demanding that we (iRFP) need it. So again: no opposition from us against deprecating of <track>.@mainDir.

Dirk.