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Subject: circulations should be optional

Posted by [Andreas Tanner](#) on Wed, 02 Jan 2013 09:29:16 GMT

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Dear group,  
currently blocks can be defined only when also at least one circulation is present: the type rRostering has mandatory child elements blockParts, blocks and circulations. We use blocks to describe vehicle duties within a day, and circulations to concatenate them within a multiple day schedule. Now we have a case where there are no circulations present (as they are defined only in a later planning stage). I think this should be valid, and therefore I propose to relax the standard in that point. One way would be to allow a <blocks> element directly below the <timetable>. I think this would be more correctly model the situation than just to allow rosterings without circulations because without circulations, assigning a block to a rostering would be somewhat arbitrary.

So my suggestion is: insert <blocks> with minOccurs=0 into the sequence of the <timetable> element.

Best, Andreas.

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