

<b>Meeting Description</b>	Third Project Meeting in Celje (Slovenia)
<b>Meeting hosted by</b>	Šolski Center Celje - Srednja Šola za Strojništvo, Mehatroniko in Medije

<b>Date / Time / Place</b>	Friday, 11th May 2012,
<b>Name of Workline</b>	Workline B – Wagon Components
<b>Name of Workgroup</b>	Track Parcours

<b>Representative workgroup member</b>	[NO] Tore Fagerli
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<b>Further workgroup members</b>	[LU] Jean-Jaques Zeimes, [LU] Paul Faber, [LU] Marc Penning, [LU] Jo Heggen, [LU] Michel Gieres
	[NO] Sivert Aune, [NO] Nilas Isaksen
	[DE] Jörg Fritsch, [DE] Bernd Alles, [DE] Niclas Ahlert, [DE] Daniel Castor, [DE] Jakob Mosgold, [DE] Sören Kirsch, [DE] Julian Groebe
	[SI] Feliks Lednik, [SI] Roman Zupanc, [SI] Sašo Goubar, [SI] Miha Smodiš, [SI] Leon Rehar, [SI] Dejan Sever

<b>Minute written by</b>	[SI] Simona Vincelj
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<b>Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance</b>	<b>Responsible school(s) or person(s) incl. deadlines</b>
<p>We first had a look at minutes from Lisbon to establish what work has or hasn't been done. Two different models have been made, a plastic one by the Slovenian team and an aluminium one by the Luxemburg team.</p> <p>We discussed the advantages and disadvantages of both (properties, price) and finally voted for plastic. The model made by the Slovenian team will be reduced to smaller dimensions.</p> <p>The second task was to decide on making the cross on track parcours. The safest way is to make it in 90°, but the length will be approximately 14.5 meters. If we change it to 72°, the whole track will be much shorter. (13.31 meter). Mr Fagerli presented a picture of the cross. All members agreed with the change. The cross shouldn't be longer than 22 cm. We decided on the „eight“ model. Dimensions of other segments will be decided on by Monday.</p> <p>The following thing we had to decide on was connections. Slovenian idea of pins and holes was accepted, but further discussion will take place on Monday. We all agreed that one partner should be responsible for making a control part, and we will kindly ask Heidenhein to do that.</p>	

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<b>Meeting hosted by</b>	Šolski Center Celje - Srednja Šola za Strojništvo, Mehatroniko in Medije

<b>Date / Time / Place</b>	Sat 12 May 2012 / 14:45
<b>Name of Workline</b>	Workline B – Common Undercarriage
<b>Name of Workgroup</b>	Track Parcours

<b>Representative workgroup member</b>	[NO] Tore Fagerli
<b>Co-representative workgroup member</b>	[LU] Paul Faber
<b>Co-representative workgroup member</b>	[LU] Jean-Jacques Zeimes

<b>Further workgroup members</b>	[LU] Michel Gieres, Jean-Jacques Zeimes, Paul Faber, Jo Haagen, Marc Penning
	[NO] Tore Fagerli, Aune Sivert, Nilas Isaksen
	[DE] Bernd Alles, Jörg Fritsch, Julian Groebe, Sören Kirsch, Daniel Castor, Jakob Mosgold, Niclas Ahlert
	[SI] Roman Zuponc, Miha Smodis, Dejan Sever, Simona Vincelj
	[HDH] Thomas Zoc

<b>Minute written by</b>	[LU] Michel Gieres
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<b>Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance</b>	<b>Responsible school(s) or person(s) incl. deadlines</b>
<p>Tore Fagerli presents new calculations:</p> <p>Change from 6° to 5° (bent segments) There is a preference for 5° because of limitations due to milling machines.</p> <p>If diameter of the whole track = 5 m, then the track will be 31,7 m in diameter</p> <p>width: 5020 mm height: 11014 mm</p> <p>Vote: unanimous agreement for <b>5 m diameter</b> of the track</p> <p><b>Material</b></p> <p>LU, NO, SLO, GER all in favour of <b>aluminium</b> (better friction)</p> <p>Vote <b>against</b> the use of connecting pins after HDH raises concerns about tolerances and measures.</p>	

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<b>Meeting hosted by</b>	Šolski Center Celje - Srednja Šola za Strojništvo, Mehatroniko in Medije

<b>Date / Time / Place</b>	Mon 14 May 2012 / 10 a.m.
<b>Name of Workline</b>	Workline B – Common Undercarriage
<b>Name of Workgroup</b>	Track Parcours

<b>Representative workgroup member</b>	[NO] Tore Fagerli
<b>Co-representative workgroup member</b>	[LU] Paul Faber
<b>Co-representative workgroup member</b>	[LU] Jean-Jacques Zeimes

<b>Further workgroup members</b>	[LU] Michel Gieres, Jean-Jacques Zeimes, Paul Faber
	[NO] Tore Fagerli, Aune Sivert, Nilas Isaksen
	[DE] Bernd Alles, Jörg Fritsch, Julian Groebe, Sören Kirsch, Daniel Castor, Jakob Mosgold, Niclas Ahlert
	[SI] Dejan Sever, Miha Smodis, Saso Gouban, Feliks Lednik, Leon Rehar

<b>Minute written by</b>	[LU] Gieres Michel
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<b>Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance</b>	<b>Responsible school(s) or person(s) incl. deadlines</b>
<p><b>[NO] Tore Fagerli opens the meeting</b> and presents new calculations. A track with a diameter of 5 metres makes it possible to integrate a crossing of 259,70 mm by 227,76 mm (these dimensions should not be problematic concerning milling machines)</p> <p>The <b>straight sections of the track</b> (in the shape of an '8') should be composed of 6 straight segments with a length of 266,50 mm each.</p> <p>Each school should make 5 bent segments and 1 straight section. Two schools will be chosen to make 1 crossing respectively.</p> <p>Each track segment should have a milled oval shape in which you can punch a number.</p> <p>It has been concluded that the <b>connecting system</b> of the tracks should be composed of a circular disc (3 mm thickness) with a diameter of 48 mm and a 10-mm hole in the middle, with holes for screws on each side. There must be a lower section / slot in the tracks to fit the disc. The slot has to be 2 mm (!) deep.</p> <p>The deadline for the new drawings should be set to a date before the summer holidays 2012.</p>	

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<b>Meeting hosted by</b>	Šolski Center Celje - Srednja Šola za Strojništvo, Mehatroniko in Medije

<b>Date / Time / Place</b>	Mon 14 May 2012 / 16 p. m.
<b>Name of Workline</b>	Workline B – Common Undercarriage
<b>Name of Workgroup</b>	Track Parcours

<b>Representative workgroup member</b>	[NO] Tore Fagerli
<b>Co-representative workgroup member</b>	[LU] Paul Faber
<b>Co-representative workgroup member</b>	[LU] Jean-Jacques Zeimes

<b>Further workgroup members</b>	[LU] Michel Gieres, Jean-Jacques Zeimes, Paul Faber
	[NO] Tore Fagerli, Aune Sivert, Nilas Isaksen
	[DE] Bernd Alles, Jörg Fritsch, Julian Groebe, Sören Kirsch, Daniel Castor, Jakob Mosgold, Niclas Ahlert
	[SI] Dejan Sever, Miha Smodis, Roman Zupanc, Saso Goubar

<b>Minute written by</b>	[LU] Michel Gieres
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<b>Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance</b>	<b>Responsible school(s) or person(s) incl. deadlines</b>
<p><b>[NO] Tore Fagerli opens the meeting.</b> The crossing sections will be made by [SI] [FI] [PT] [NO]. Some connector discs will be made without holes so that holes for screws can be drilled in Finland in case some measurements are incorrect.</p> <p>Every school has to produce at least 6 connector discs. In addition: schools from the ‘parcours’ group should produce 5 spare discs <b>without</b> holes for screws.</p> <p>Slovenia will produce smaller discs with lower tolerance.</p> <p>hole (middle) reduced from M6 to <b>M5</b>. holes reduced to 5.5 mm</p> <p>20:00 p.m.</p> <p>[FI] [TR] [BE] will produce straight segments (10 each) other schools produce bends (6 each)</p> <p>drawings will be published by [LU] before June 2012</p>	