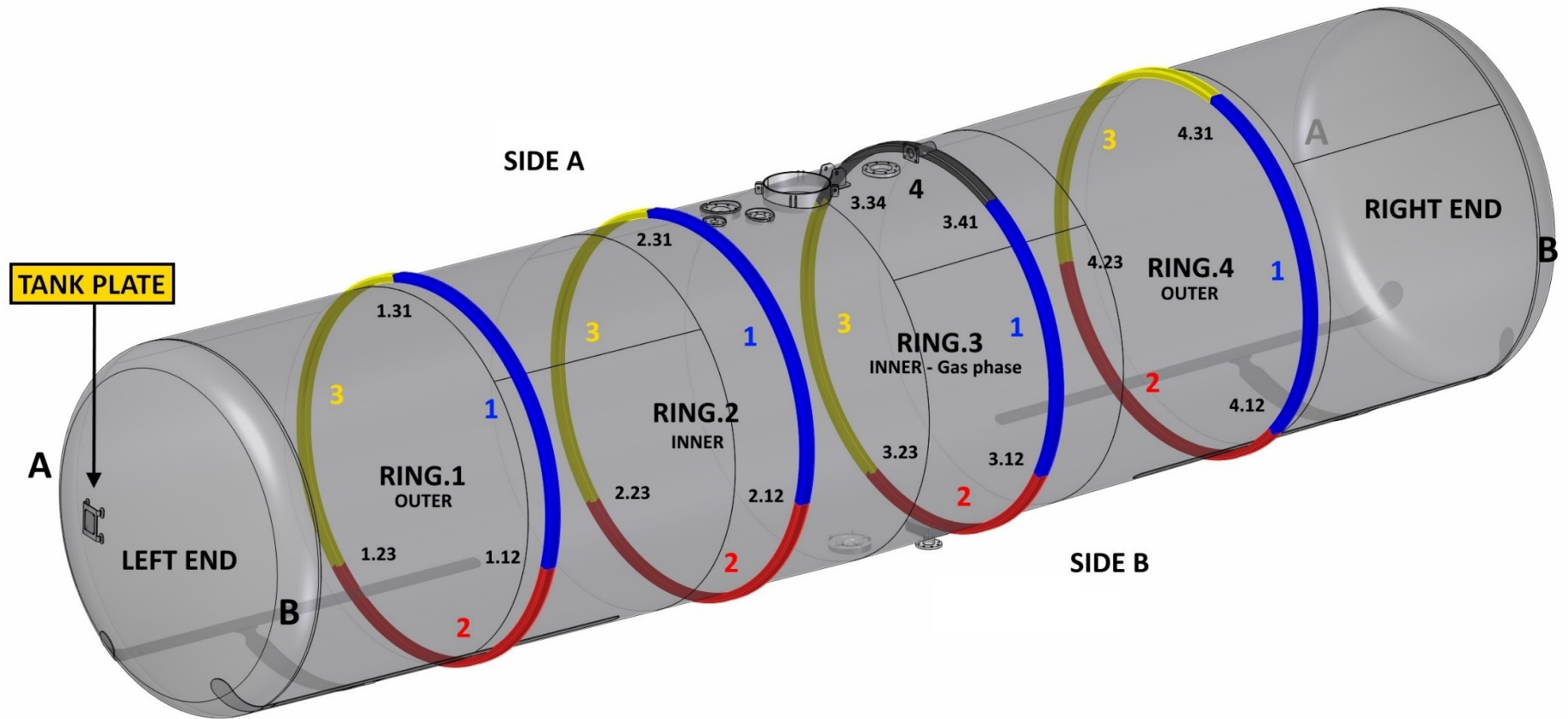




Light blue arrows point at the possible cracks positions

For the exact position of the concerned welds see picture 2: tank 3D model snapshot, where applicable position numbers are given, for welds placed at the stiffening rings)

Attachement with e-mail dated 16th March 2018 concerning cracks in the stiffeners ring of type Z23A tank wagons series Zacns, capacity 87m3 ans Z24A, tank wagons series Zacns of 97 m3

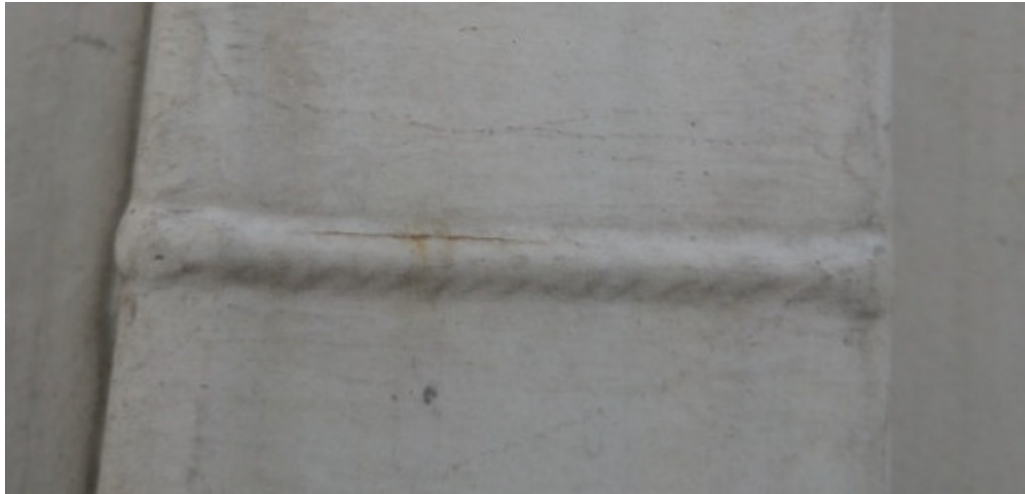


Tank 3D model snapshot, where applicable position numbers are given, for welds placed at the stiffening rings

Please check the welds on position 1.12, 2.12, 3.12, 4.12, 1.23, 2.23, 3.23 and 4.23. There is no need for check of the welds on position 1.31, 2.31, 3.34, 3.41 and 4.31.

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Size of the crack could be small as shown on the picture



or bigger as shown on the picture



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