



GLOBAL
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SEAMLESS TRANSPORT CHAINS THROUGH HARMONISATION

Success Stories and Global Perspectives for Rail Freight

Session 1: Worldwide Innovation Trends and Best Practices

Moderator:

Alex Puissant, free lance journalist



GRFC 2014 VIENNA



23-26 June 2014



Stephen CATHCART

Stephen has a Bachelor of Engineering from the University of Queensland, and an MBA from Curtin University. He has worked predominately in the mining industry with more than 20 years working for resource companies including BHP Billiton. He currently works for Fortescue Metals Group and has held the position of General Manager Rail Operations overseeing the 40 tonne axle load operation. Currently he is the General Manager Logistics responsible for the delivery of iron ore through Fortescues mine, rail and port facilities. He joined the International Heavy Haul Association board in 2011 and has been chairman since 2013.



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Success Stories and Global Perspectives for Rail Freight

Developments in Western Australia

Speaker: Stephen Cathcart



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Rio Tinto Automation



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FMG Ore Car Workshop



FMG Ore Car Workshop

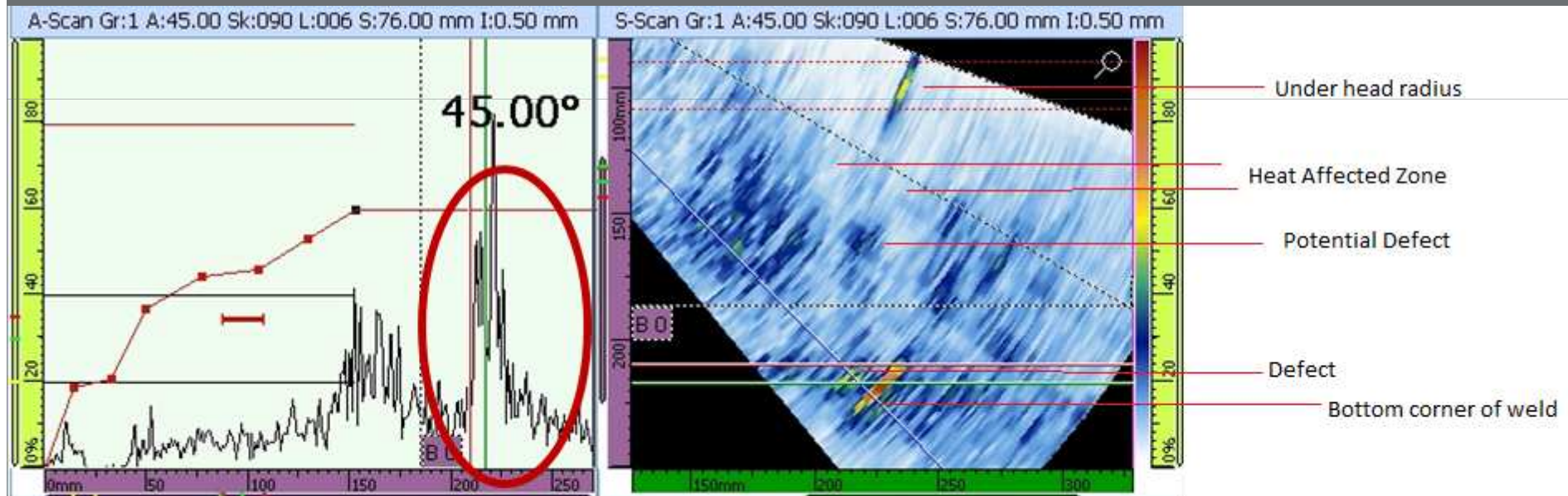


FMG Ore Car Workshop



Phased Array Testing

- Better detection tool
- Development of automated data analysis



The area circled above shows the return signals from the bottom corner of the weld and also the defect. With a conventional display only and at normal sensitivity this would be undetectable.



IHHA 2015

21-24 June 2015 • Perth • Australia