

Broadband what's it all about?

B4YS Hyperfast

B4RN 4 Yealand, Silverdale & Storth Hyperfast Broadband Group

If we get our broadband from BT (or any of the internet service providers that just re-sell BT):-

It arrives in our houses as electricity via copper wires from telegraph poles. This 19th century technology has had its day and the carrying capacity of copper wire has limited capacity to be upgraded to cope with the faster speeds or wider



bandwidths required by today's technology. Whilst internet service providers claim they can make our service 'faster', it'll only ever be a little bit faster and will need to be upgraded again at some point soon.



If we get our broadband from B4RN:-

It arrives in our homes as light via fibre optic lines that are laid underground. This 21st century technology is in its infancy and the carrying capacity is still being improved. At the present B4RN is offering all its customers speeds of up to 1000 Mbps for both 'uploading' and 'downloading'. This is equivalent to the best speeds that are commercially available any where in the world. If these speeds increase in the future, the same fibre optic lines will still do the job. The received opinion is that a fibre optic broadband connection is the 'future proofed' option for at least the next few decades.

(Catch up on Facebook—<https://www.facebook.com/groups/B4YSfibre/> or visit the website <http://www.b4ys.org.uk/>) (21-1-14)





What is B4RN?



B4RN is a world leading community-led, community benefit, broadband project, with a successful track record of having already delivered world beating hyperfast broadband to a number of neighbouring parishes including Quernmore, Abbeystead, Arkholme, Dolphinholme, Docker, Gressingham and Wray.



These communities have 'done it themselves'. They've identified the best routes, negotiated permissions from farmers and land owners, dug the trenches and installed the fibre optic trunking that connects them to

the rest of the world at the VERY BEST SPEEDS AVAILABLE ANYWHERE IN THE WORLD. They've raised the money by encouraging local people to buy shares in B4RN, to subscribe to B4RN broadband and used this money to buy what they need to make it happen.

Under the B4RN umbrella, B4YS has been set up to get the ball rolling in the Yealands, Silverdale and Storth. We can learn from B4RN's experience and do it for ourselves too. B4RN will soon be able to 'light up' Borwick with its broadband and from Borwick to our neck of the woods is not very far at all.

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About the B4YS team

The B4YS project involves the entire community around the Yealands, Silverdale & Storth; everyone is welcome, everyone is part of the team! **The B4YS team began with just five people initially, frustrated by poor connectivity but excited by the opportunities the B4RN project could bring:**

- **Nigel Ribbons**

Nigel has lived in the village of Silverdale for 37 years and worked in business IT support since 1993. He is a member of Silverdale Parish Council and publishes the weekly e-newsletter “Silverdale Events Update”. Nigel is a director of Attainable Business Solutions Limited.

- **Tim Mackintosh**

Tim, a Plymothian by birth, has lived in Silverdale for twenty years. A teacher in schools, colleges and prisons, now retired, he specialised in literacy, numeracy and computeracy? He is an executive partner in the not-for-profit partnership – Exmoor Ponies in Conservation, which provides the herd of British native ponies managing species rich grassland and wetland for biodiversity on the Gait Barrows National Nature Reserve. He is currently a ‘digital champion’ ICT volunteer at Silverdale Library and founder member of the Woodies Backgammon Club.

- **Vince Smith**

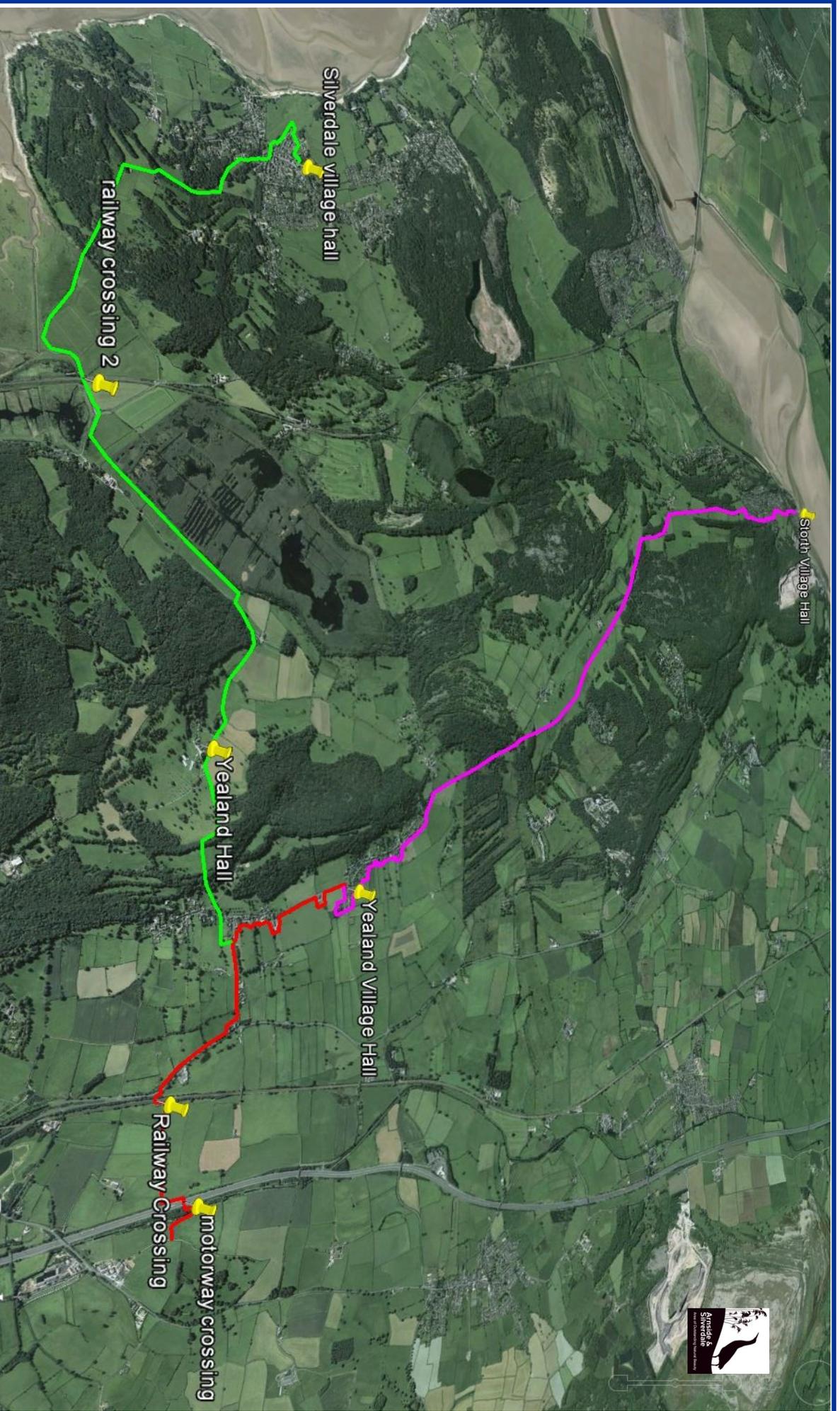
Vince, originally from Birmingham, has lived in Yealand Redmayne since 2002. He has worked for a large, global IT services company for nearly 20 years as a Solution Architect. He often works from home with his colleagues spread across the world and so looks forward to improved communications.

- **Chris Ward & Tom Milligan**

Chris & Tom are supporting the project from the Storth end, working for better connection for community at Storth. They hope to extend the connection down to the residents and businesses at Sandside, including Shoreline Business Park. Chris & Tom are Directors at BF Internet (Big Fish), a company established back in 1996 when the internet was in its infancy.

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This is a preliminary route plan to get the fibre optic trunking from Borwick, where it is just about to arrive, to the Yealands via the **RED** route, from the Yealands to Silverdale via the **GREEN** route and from the Yealands to Storth via the **PURPLE** route. B4RN has undertaken to make every effort that every farm that wants to be connected in each of the three parishes, will be connected, even if the provisional route has to be modified.

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