

## **Well Wagon (Crane Jib Runner Wagon for Crane CB5968 (FBC1) underside inspection 27/2/21 – Fraser White**

Keith Bowers and Fraser White carried out the inspection.

### General Structure of underside

This is in fair condition through-out. Loose paint was removed. Rusty metal should be treated with a mixture of grease and old engine oil. The top planking is mostly intact with some planks being replaced in 2019. The planking was cleaned of algae in Feb 2021 to prevent any slips on the surfaces.

### Wheels and tyres

Tyre profiles are still to be checked.

### Axles

Most of the axles need the rust to be removed. They should be treated with a mixture of grease and old engine oil.

### Axleboxes

These were inspected and topped-up, as required, in November 2020.

### Drawbars, shock absorbers and leaf springs

End nut and split pin to be lubricated to provide some protection against corrosion. The assembly appears to be sound but in need of protection. The leaf springs are corroded but no leaves are broken.

### Brakes, linkages and brake blocks

The brake levers act on both wheels of one axle. This is the case at both ends of the wagon. All the linkages are free and have been oiled. Pins are free and split pins are fitted. The brake linkage fall arrestors are present and in reasonable condition. Brake shoes have sufficient depth of metal and the brakes operate correctly on both sides except that the brake lever travels a long way before operating. This seems to be a function of the design rather than adjustment as it was not possible to move the pin to the next hole before the brakes were fully on.

### Vacuum through pipe bags and connections

The vacuum pipe is corroded and the vac bag at the Swanage end is missing. The through-pipe probably leaks.

### Other brakes

There are no vacuum or air brakes fitted.