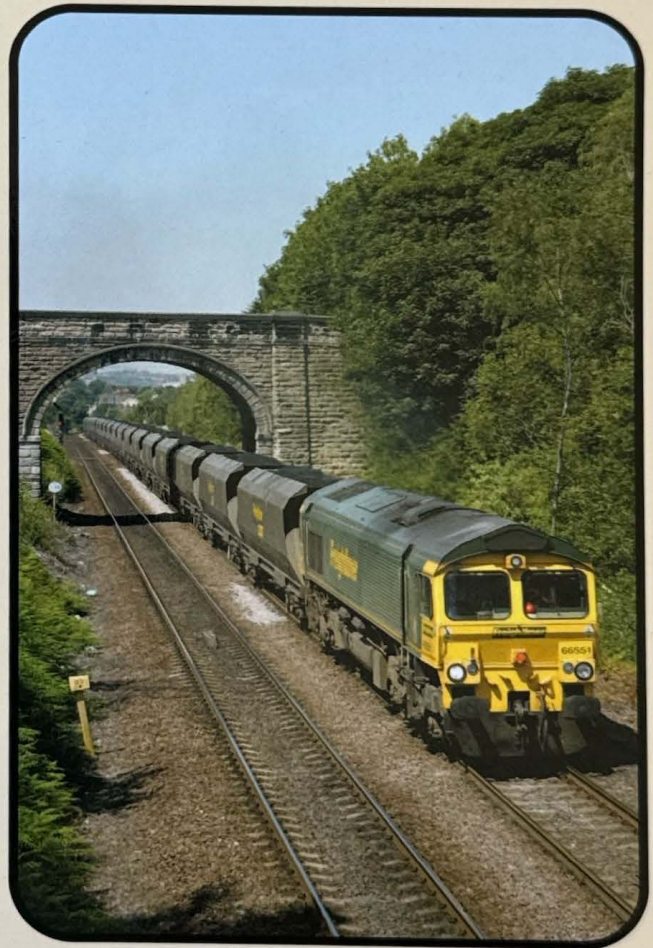


# WAGON RECOGNITION

Martin Buck & Mark Rawlinson



**Volume 1**  
**Carkinds - B to W**



**Compilation & Design : Martin Buck**

**Research : Mark Rawlinson**

**ISBN : 978-0-9558275-0-1**

**Published by : Freightmaster Publishing  
158 Overbrook  
SWINDON  
SN3 6AY**

**[www.freightmasterpublishing.co.uk](http://www.freightmasterpublishing.co.uk)**

**01793 - 644957**



**Printed by : Stephens & George Ltd  
Goat Mill Road  
Dowlais  
MERTHYR TYDFIL  
CF48 3TD**

**Cover design : Martin Buck**

## 2-Axle & Bogie Hoppers

# H

### **HFA** 2-Axle 'MGR' Style Lime Hopper with Canopy

#### Number range

353573 - 359292

(Numbers within HAA 350 series)

#### Notes

This is a standard/unmodified HAA with an aerodynamic canopy.

#### Specific flows

Limestone :

Shap Quarry to Redcar.



HFA  
No. 356957

Built : (see text)  
Location : Tees Yard

(Martin Buck)

### **HGA** 2-Axle Ballast Hopper

#### Number range

390503 - 390670

#### Notes

These hoppers were converted from PGA stone hoppers by British Rail for engineers traffic, gaining the 'fishkind' **Gunnell** and TOPS code ZFA. On conversion, the wagon height was lowered and the length extended by adding triangular pieces to each end.

All these wagons are similar to each other, but due to being based on a wide range of older PGA hoppers there are lots of differences - height of body, smooth, part ribbed or fully ribbed bodies, for example, not to mention liveries!

During compilation, these wagons were replaced on stone flows originating out of Moreton on Lugg, Marks Tey and Stud Farm by new EWS HOA hoppers, but held as back up for infrastructure work in conjunction with the 2012 London Olympics.

#### Flows

Sand from Angerstein Wharf



HGA  
No. 390575

Converted : 1993 - 1994 by Marcroft  
Location : Swindon

(Martin Buck)



HGA  
No. 390626

Converted : 1993 - 1994 by Marcroft  
Location : Swindon Transfer Sidings (Martin Buck)