



# *The Call Boy*

## If Lima Built a Shay Today.....



This Shay is a 4" scale Two Truck Two cylinder Shay loosely modeled after the Gilpen Tramway Shays. It is Honda powered thru a hydraulic transmission with a chain drive to the line shafts. I started the Project during November 2014. When it is complete I plan to convert it over to steam as money allows. The Shay will also be dual gauge and able to run on 7.5" as well as 15" track. No castings were used and all parts were fabricated with the exception of the wheels and bevel gears that had to be machined to fit. My dad custom built the cab from oak. The shay will soon get painted and I plan to visit as many tracks as I can.

Matt Thomas

### Event Calendar

#### August

8/09/15 GGLS Member Meeting  
8/09/15 GGLS Board Meeting

#### September

9/13/15 GGLS Member Meeting  
9/13/15 GGLS Board Meeting  
9/13/15 Swap Meet & Lunch

#### October

10/03/15 GGLS Fall Meet  
10/04/15 GGLS Open House  
10/14/15 GGLS Member Meeting  
10/14/15 GGLS Board Meeting  
10/16-18//15 Sacto Fall Meet  
10/25-25/15 PV&ARR Meet

#### November

11/08/15 GGLS Member Meeting  
11/08/15 GGLS Board Meeting

#### December

12/13/15 GGLS Meeting/Elections

# *The Call Boy*

## *Editorial Staff*

Pat Young  
Rick Zobelein

## Officers

*President:* Jim Dameron  
*Vice President:* Andy Weber  
*Secretary:* Pat Young  
*Treasurer:* John Lisherness  
*Safety:* Michael Smith  
*Ombudsman:* Ken Blonski

## GGLS Committee Chairmen

*Track:* Jim Dameron  
Bill Smith  
*Rolling Stock:* Richard Croll  
*Public Train* Richard Croll  
*Bits & Pieces:* Sheldon Yee  
*Buildings:* Rich Lundberg  
*Grounds:* Andy Weber  
*Signal System:* Steve Vitkovits  
*Boiler Testing:* Jerry Kimberlin  
*High Track:* Jeremy Coombs  
*Refreshments:* Walt Oellerich  
Sheldon Yee  
*Technical:* Charlie Reiter  
*Round House:* Michael Smith  
*Web Page:* Pat Young  
*Librarian:* Pat Young

## Membership

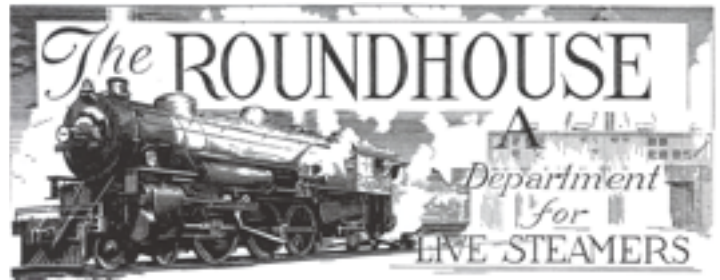
Rick Zobelein  
[rgz48@yahoo.com](mailto:rgz48@yahoo.com)

## Call Boy

Articles and photos submitted for insertion in the Call Boy should be sent to Pat Young at:

10349 Glencoe Dr., Cupertino, CA 95014  
[phty95014@yahoo.com](mailto:phty95014@yahoo.com)

**Deadline for submittal to next months' issue is  
15th of the month**



## *Announcements*



The Board elected positions of President, Vice President, Secretary, Ombudsman and Safety Chairman are now open for nominations for 2016. The secretary gave a quick overview of their duties and more information about each position can be obtained from secretary Pat Young ([phty95014@yahoo.com](mailto:phty95014@yahoo.com)). Now is your chance to help in running a successful club! If you are interested in any of the positions, please contact Ken Blonski ([kennethblonski@gmail.com](mailto:kennethblonski@gmail.com))

## Stan James Estate

Items from the Stan James Estate will be up for a "silent bid" auction at the end of the October Fall Meet. Items not sold will be offered to the general public. Photos and general description of said items are included in this issue of the Call Boy.

## Portola Valley & Alpine Railroad

Meet: October 24th & 25th  
Lunch available on Saturday! GGLS invited!

**Golden Gate Live Steamers**  
a 501(c)(3) Non-Profit Educational Museum

Track & Club House Location  
2501 Grizzly Peak Blvd.  
Berkeley, CA, 94708  
510-486-0623  
[www.ggls.org](http://www.ggls.org)

### **Club Meeting Minutes**

The Club meeting was called to order on July 12, 2015 at 10:00 am by Vice President Andy Weber, for Jim Dameron, with a small attendance of 25+ individuals on a overcast, 58 degree day.

### **New Members and Guests:**

Live Steamer John Lytle from Riverside is in the process of moving up to this area and is interested in joining up. Members, please give John a warm welcome and we hope to see you up at the club.

### **Steam-related Activities:**



Michael Smith visited a live steam enthusiast in Emerald Hills, California (near Redwood City) who operates a 12" gauge Emerald Hills Railroad on his property. The owner gives free rides on certain dates and sometimes raises money for charity. More information can be found on their web site at: [www.emeraldhillsrailway.com/](http://www.emeraldhillsrailway.com/).



During his bicycle ride, Bruce Anderson came across a 20' steam powered launch with a 2-cylinder vertical engine with a 2.5" bore, and 3" stroke. The owner is attending the 41<sup>st</sup> Annual Sacramento Delta

Steamboat Meet (one of the oldest meets in the USA) being held on September 26th, and 27th near Rio Vista. Information can be found at [www.northweststeamsociety.org/](http://www.northweststeamsociety.org/).



Rich Croll visited Train Mountain along with maybe 4000 other enthusiasts including about a dozen GGLS members. He had a good time and was test running his propane converted ten wheeler for 12-15 hours each day up there! More about Train Mountain can be found at their web site at: [www.trainmountain.org/](http://www.trainmountain.org/)



Ken Blonski took advantage of an ad in Train Magazine and went on a catered railroad tour called *Trains Across Colorado* where they visited 9 railroads in Colorado and New Mexico. He spent two weeks in the Rockies and although it was expensive (about \$2500 per person), he highly recommends it. For more information, visit the Vacations by Rail web page at: [www.vacationsbyrail.com/](http://www.vacationsbyrail.com/).

### **Committee Reports:**

Building Chairman Rich Lundberg continues painting and doing general maintenance but the damp weather has somewhat hampered progress.

Grounds Chairman Andy Weber is also continuing with routine maintenance and reminded everyone that if there are any problems or comments to please contact him ([andy@atweber.com](mailto:andy@atweber.com)).

Safety Chairman Michael Smith had nothing of note to speak of regarding safety.



Dan Swanson stated that he was not advised of any problems relating to signals.

Ground track Bill Smith didn't hear of any problems.

High Track committee member Bob Morris had nothing to report.

Public Train chairman Rich Croll reported that the Public Train crews still are able to run every weekend. During one weekend the donations were the highest he had ever seen.

John Lisherness of the Locomotive committee was not present. Bob Cohen did talk about his suspension repair of the RGS 22. He believes that it was not put together correctly in the beginning but it is now back in service.



Diesels are now identified by cab number 1971 & 1936. "Uvas" and "Baldwin" are now retired.

Web person/interim CallBoy editor Pat Young mentioned that Rich Croll has changed his private event reservation from July 11 to July 18. If any other member would like to reserved the club for a special occasion, please contact Pat.

### **Officer's Report:**

Secretary Pat Young wanted to thank the Bay Cities Lodge #337 for their generous donation for the use of the club during the 4th of July.



Also thanked was Bruce F Raykiewicz who gave a check for his Public Train or Spring Meet visit. Thank you both for your donations.



Librarian Pat Young wanted to thank Roy Motz for the donation of his MODELTEC magazine collection to the club. The Librarian had always wanted to create such a collection for the club. He believes it is a very good resource for members who are building-oriented. Those who have model engineering related magazines for donation are invited to talk to the Librarian for further details.

Treasurer John Lisherness was not present at the meeting and apparently has taken a well-deserved break from his club activities. Hopefully he will be back next month with an updated report.

### **Old Business:**

The club is attempting to get a permit from the Contra Costa county building department to bring electricity to Tilden Station for a sound system donation from the Meyer family. This so far has been very difficult to do and the club is reviewing the option of using low voltage to power the sound system.

### **New Business:**

No new business.

### **Board Meeting Minutes**

The June 12, 2015 Board Meeting began at 11:17 am with Board members Ken Blonski, Rich Lundberg, Michael Smith, Andy Weber & Pat Young with Dan Swanson & Rick Zobelein attending.

### **Old Business:**

Roundhouse Chairman Michael Smith was happy to report that there are no longer any issues with the roundhouse waiting list.

### **New Business:**

Rich Lundberg brought up the perennial issue of members not paying their dues promptly by the end of the year on December 31. He asked the Board members to review it at a later discussion. The underlying concern is that active members who help out inadvertently forget or just disappear. His suggestion is that the Board consider measures such as a year end, postal mailing of a renewal notices. Additionally, lock out club access for late paying members and others, in the new year, to prod members into remitting their membership and roundhouse dues by the end of the preceding year.. Remember, only paid members are allowed to use the club facility.

A member made a motion that he be given a key to the Shattock Barn so that he can continue working on the locomotives housed there. After a discussion and reviewing his needs, the Board voted to issue a key to him for for 3-4 months.

Secretary Pat Young made a motion which was passed that a Swap Meet & Recognition Lunch be held at the end of the September club meeting on September 13, 2015.

### **Bits and Pieces**

by Sheldon Yee



Roy Motz - Copper Tubing Bender , made from scrap material and an example of what it can do.

Charlie Reiter - 3 items:



Stan James locomotive, "1831". Has an internal combustion engine.

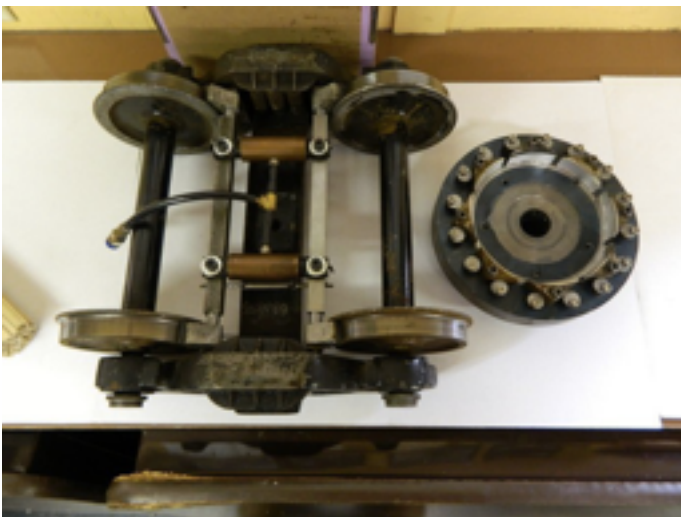


"Gits" Oiler, push button type





Injector.



Rich Croll - Brake Shoe Fixture. Circular Jig Fixture for use in a lathe to machine multiple shoes.



Rick Reeves - CNC equipped Plasma Cutter. Discussed the acquisition of machine with 1/2" capacity. An example of product cut in said machine.



# RULES

## of the month



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2011 Safety & Operations manual

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### August 2015

#### Section 1- General Procedures

**1.06 Engines Running Light** - *All engines running light shall be considered as a train and be subject to all safety and operating rules. -*

**1.07 Handcars** - *Handcars and other non-powered vehicles shall operate only when steam or other motorized equipment is not on the tracks. When permitted they may only operate on the outer loop and the flat part of the inner loop around the Club - house and Roundhouse, using the cutoff by the Roundhouse. They are not permitted on the trestle at any time. -*

#### Section 4 - Passenger Transport

**4.04 Duties of Brakeman** - *All trains carrying passengers shall have a brakeman. The brakeman shall be equipped with a whistle and red flag. It shall be the brakeman's responsibility to protect the rear of the train and to assist the engineer in the operation of the train. -*



### **GGLS Swap Meet and Recognition Lunch**

Once again we host the 3<sup>rd</sup> annual Swap Meet that provides another opportunity for sellers to get rid of those nick-knacks, tooling and surplus material. For those in the buying mood, or beginners equipping their dream work shop, come & look. Bargains galore (we hope!) and who knows what can show up! This year we are including a lunch to recognize contributions made by the many volunteers that have made the club a success. The Board will provide lunch for any member who has contributed their time, effort or some other type of donation to the club during the past year. If you would like to help contact Pat ([phty95014@yahoo.com](mailto:phty95014@yahoo.com)).

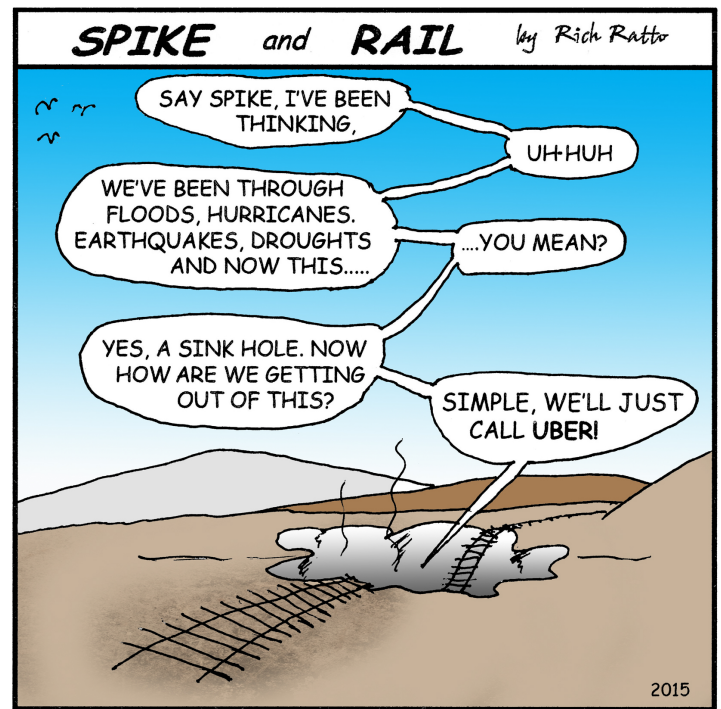
### **Member's Video Pick**



Jim House once again has sent in a video link that he hopes other readers will find interesting. It's titled *World War One Steam Convoy, Bovington to Tarrant Hinton* and is a very remarkable 3:14 reenactment video taken on August 16, 2014. The restoration and preservation of these a steam powered machines is a

fabulous work of art and affords us a rare glimpse into the past military history of Great Britain!

[www.youtube.com/embed/huQhqXiB800](http://www.youtube.com/embed/huQhqXiB800).



### **Stan James Collection**



### **0-4-0T JULIET**

A very nice example of a very popular 0-4-0 tank engine design by LBSC. It is  $\frac{3}{4}$ " scale,  $3\frac{1}{2}$ " gauge and has the typical lines of a classic British locomotive and equipped to burn coal. There is corrosion damage but mostly confined to the jacket so that could be easily remedied. The model comes with a packet of blueprints.





### **Minnie Steam Tractor**

A 1" scale, freelance, British style, agricultural tractor. A construction article by Mason, appeared in Model Engineer and many were built. The design was so popular that the article was republished in book form and it is believed that is still available new. This offering includes an original blueprint set. Although small in size it has seen pulling a 180-pound man across level, paved ground. There is light rust in a few places and some very minor damage. As a coal burner, it is complete and ready to run.



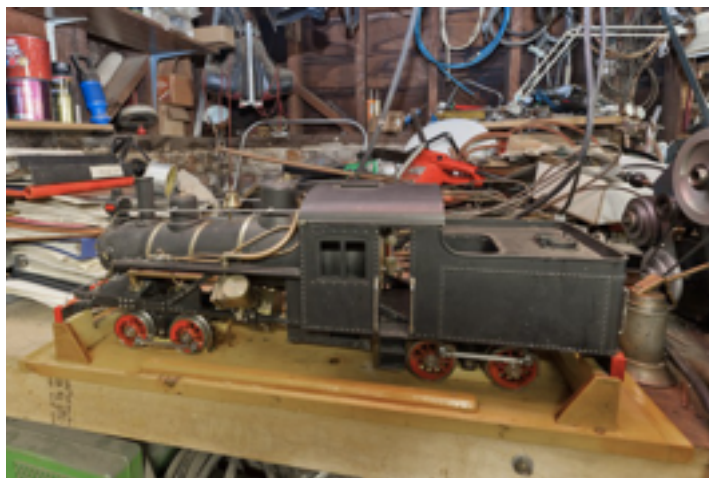
### **2-4-0 Petrolea with Tender**

A 2-4-0 tender locomotive in classic British lines. This particular prototype was one of a series of locomotives equipped to burn a waste oil product although many similar ones were coal fired. The  $\frac{3}{4}$ " scale, 3  $\frac{1}{2}$ " gauge design by LBSC, was published by Model Engineer in 1943 and this, in the form of a photocopy, is included with the locomotive. This locomotive has been equipped with a propane burner, consisting of three barber jets, (marty burners) . Also included is a set of blueprints.



### **0-6-0 Internal Combustion Shunter #1831**

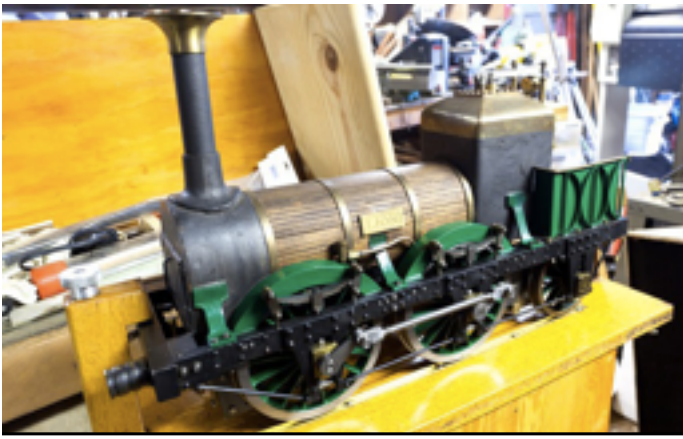
A very rare, for the US,  $\frac{3}{4}$ " scale, 3  $\frac{1}{2}$ " gauge internal combustion-powered shunter, or switch engine. The British prototype 0-6-0 started life as a steam locomotive and was converted by the LMS to IC power as an experimental engine. Edgar Westbury chose this to make an experimental design of his own to see if a small IC locomotive would perform for and be popular with the modelers of the time. The build series in Model engineer is included and starts in January of 1941. The locomotive is powered by a water cooled, two cylinder, 4-stroke engine that transmits its power through a centrifugal clutch. A very attractive and impressively built model.



### **Kozo Heisler**

A well made copy of Kozo Hiraoka's two-truck Heisler in  $\frac{3}{4}$ " scale and 3  $\frac{1}{2}$ " gauge. No plans were found with this one but the book "Building the Heisler" is still available from the Live Steam Magazine publishing group. These coal fired locomotives, are considered very good runners and this one appears to be ready to just set on the track.





#### **0-4-2 Lion with Tender**

Also known as the “Titfield Thunderbolt” as the prototype appeared in a movie of the same name. The actual prototype is a very historic locomotive survivor. The locomotive was found working as a pumping engine in the British docks by a mechanical engineer that recognized her for what she was. When the locomotive was replaced by a modern pump the Lion was donated to the Mechanical Engineering Society. This model is 1” scale and 4 ¾” gauge. The original design by LBSC was 5” gauge so Stan had to redesign the cylinder block to give the needed clearances. As was LBSC’s habit he provided optional designs for valve gear and Stan chose the slip eccentric version as more reliable. Coal burner of course, and GGLS members who saw it run claim it operated very well. Comes with a crude but effective stand for stationary running or flipping over to access the underside. Very clean, requiring very little to be perfect.



#### **0-4-0 Porter with Tender**

The Marie E design by Don Young. The prototype is a locomotive that was owned by Ollie Johnston of Disney fame and named for his wife. Instructions and drawings are included. The locomotive is 1 ½”

scale narrow gauge so that is 4 ¾” gauge. Equipped with a tender as Ollie had added to the original. Very nicely made, totally American looking, many were built around the world and the reports were good. She is a coal burner but could easily be converted to propane for the faint of heart. Cleaning and polishing needed to bring everything to order.



#### **2-4-4T Forney**

This is a freelanced locomotive and started life as an 0-4-0. Stan acquired the start from Chris Leggo and decided that he would make something else out of it. There is no idea what the original was since no design information was found, so you are on your own ingenuity, or 'engine-nuity'. Everything appears to be in good order and the locomotive was known to run. It is an 0-4-4 , 4 ¾” gauge and appears to be 1” scale. It could easily be taken as narrow gauge though. Coal fired of course but big enough to be easily converted to propane firing. Just some cleaning and polishing to make her a queen.

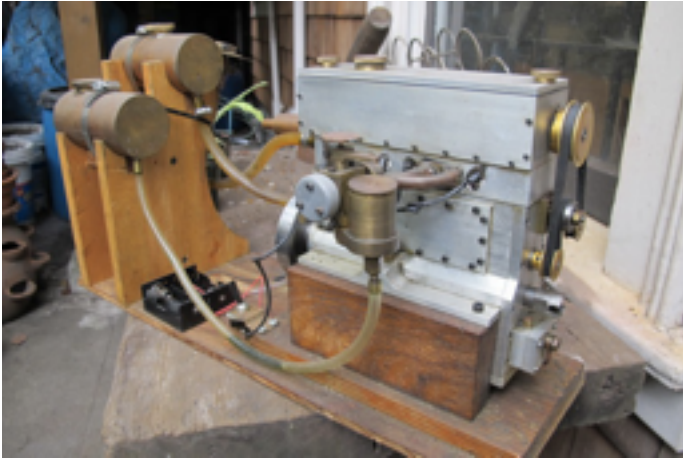


#### **Economy Hit & Miss Engine**

Classic Hit and Miss IC engine built to castings and design by Joe Tochtrop of San Francisco. The

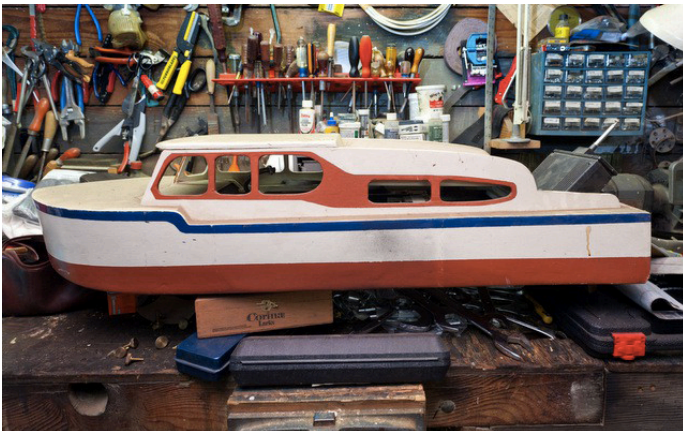


Prototype is an "Economy" engine sold by Sears and Roebuck. The engine is complete on a base with ignition components underneath. It is not a true scale but appears to be near 1/4" scale and it was said to run.



#### **4-Cylinder Internal Combustion Engine**

Still in an experimental form, this is a 4-cylinder 4-stroke, water cooled engine. In its existing condition it seems that it must have glow plugs by the way it is wired. It's evident that it had a distributor, but that had been removed and was not found. A second cam shaft was found mounted in a machining fixture and that is included. A collection of engine information is included and it appears that for the most part Stan was following the guidelines of a 1959 Model Engineering article by Westbury. The title describes the engine as "A new design for a 30cc, overhead valve, four-cylindrical engine of the Seal class". This looks like an advanced design and Stan's workmanship shows throughout.



#### **Remote Control Motor Boat**

This is a simple, quickly assembled wooden boat in the form of a cabin cruiser. It evidently had a gas

engine mounted in it at some point. It comes with a radio control system with receiver and servos mounted inside the hull. Length is 41", beam is 14". Beyond that nothing more is known about it.

#### **John Bulger's Latest Project**



John Bolger is building a 2 cylinder compound steam engine. He has been able to make nice looking steel castings. We look forward in seeing the completed engine.

#### **For Sale**

##### **5" DIAMETER 8' ALUMINUM TUBE**

One 8-foot long 5 1/2-inch outside diameter aluminum tubing with 1/4-inch thick wall. The tube has one cut-out at one end leaving approx 7-feet of clean material. Tube has some slight scratches but is otherwise in very good condition.

Asking \$100. Can deliver to track. Pictures available. Michael B. Smith (415) 558-4536



**For Sale**

3.75" scale Ore Cars



Steve Easlon built 3.75" scale ore cars (quantity two). 2.5" scale RMI 6" D&RG Griffen wheels. \$800.00 for the pair and will not separate. No couplers and no shipping but will deliver to GGLS. Contact [marshcreekminingcompany@gmail.com](mailto:marshcreekminingcompany@gmail.com)