FOR CURRENT LIST OF FORTHCOMING LECTURES See the Diary section of the web page at: http://www.nrmfriends-south.org.uk/Diary.html

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The Friends of the **National Railway Museum**

Briefing 72

South of England Group

December 2013

Vice Presidents - Sir William McAlpine Bt., FRSE, FCIT, FRSA; Richard Hardy

AGM AND NEW YEAR SOCIAL

of England Group takes place on 13th Locomotive Works, Perrygrove Narrow January 2014 and will, as usual, be held Gauge Railway, the GWR museum at at Marylebone Station in conjunction Coleford, and Tintern Abbey and Station. with our New Year Social gathering. Before and after the AGM there will be Activities will commence around 19:00, an opportunity to chat with others over a with doors opening from 18:00.

living in the South of England or not, can the photographs of the Group's activities attend and vote at the AGM. The meeting with a suitable quiz. run the Group's activities.

to Gloucestershire, which will take in for everyone

The Annual General Meeting of the South Dean Forest Railway, the Flour Mill drink, and enjoy the food from the buffet. Any member of the FNRM, whether You will also be able to watch some of

will take a report of last year's activities Attendance at the AGM is free, but to from our Chairman, Ian Harrison, and cover the festive buffet refreshment for from our Treasurer, Roger Smith, who the New Year Social, there will be a will describe the, very healthy, state of charge of £8 per person (the same as last our finances. There will be a vote, if vear). Those of you who came last year necessary, for the rotating membership of will remember that we enjoyed a good the Group's committee. This time, the spread, courtesy of M&S, and we three-year terms of Ian Harrison, Alan anticipate the same this year. A form is Gosling and Les Butler are due to end. included with this Briefing to allow you They can, of course, agree to continue for to indicate whether you require another term, but we are always happy to refreshment. We would be grateful if you have nominations from any member who would return this, with a cheque, to Roger would like to join the committee and help Smith (address on the form) by Monday 6th January. This will allow us to order Les Butler will take views on the sufficient the food and drink for the proposals for the Group's summer outing evening and make sure there is enough

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EVENING LECTURE - RESTORING CHELTENHAM

joined us on 14th October. His story removed the asbestos from the boiler and started in 1930 with the need for bigger cylinders. BR had fitted a new firebox as engines on the Hastings line – more part of its last full overhaul in December powerful but still fitting within the 8ft 1958. The platework and boiler stays 6ins wide loading gauge and the were in excellent condition; all it needed turntables in Kent. The solution was to fit was a retube. together the wheels and cab fittings from The restoration team were recruited, a Lord Nelson, with the boiler from a vounger members teamed up with more King Arthur. The result was the experienced people and, with a five-day successful 4-4-0 Schools class, of which working week, team moral was kept high No 925 Cheltenham is the example in the because of the rapid progress. The job National Collection.

Cheltenham went to Fratton when new, which was riveted to the frames, and before moving to Kent. When the Kent then, using the facility's 30t crane, the lines were electrified in the 1950s, the boiler was removed and sent to Ropley loco moved to Nine Elms and then for repair. Basingstoke, where it remained until The frames were lifted in April 2011. No withdrawn. *Cheltenham's* fame rose when paint was apparent underneath – BR had it appeared as the mascot on the RCTS just relied on the grease and grime to magazine, and it was used on many preserve everything. The NRM had RCTS railtours, including 'foreign' lines, originally thought that the crank-axle had such as the Great Central, and the East a crack, but ultrasonic inspection proved Coast mainline, where it touched 80mph. | it to be sound. The brake cylinder is a When it came to choosing a Schools 30ins diameter casting which is a tight fit Class locomotive for the National underneath the cab, and it needed careful, Collection, there were 40 still in traffic, and complex, handling to get it out. A but Cheltenham was chosen because of series of photographs were taken of the this fame. It was initially stored at operation for use in reverse when the time Fratton, then Tyslev before moving to came to put it back. The draw-bar pin was York, It needed very little work before it wedged solid – a jack, which was trying was steamed for the Rainhill celebrations to push it out, just lifted the entire engine! in 1980. It then ran a while at Dinting It needed several weeks of penetrating-oil before suffering a tube failure, when it treatment and various methods of returned to York for static display.

the Mid Hants Railway, which had Devon Railway for turning and the tender restored Lord Nelson, whether they were wheels got the same treatment at interested in *Cheltenham*. A deal was Wimbledon TMD. Pipework was repaired struck which involved MHR removing by brazing rather than replacement. The the asbestos and then deciding whether to piston valves just needed new rings restore and use it on the railway. It was fitting. Only a few rivets needed attention moved from York to Eastleigh in October on the tender which was otherwise water-2010. The following month, Chris was tight, but the leaf-spring pins needed successful in securing a Lottery Fund replacing due to wear. bursary to assist in the restoration of the A new main steam pipe was fabricated by

Chris Smith from the Mid Hants Railway, engine. Meanwhile, contractors had

started with the removal of the smokebox,

"persuasion" to get it to shift. The So things remained until the NRM asked locomotive wheels were sent to South

recording of one such run which gave a suitable livery, and London Underground fascinating new view of a trip along the painted the real one to match the model! Met/District line. The plan had been to go Because a Class 20 + Sarah Siddons + back to Lillie Bridge Depot via the 4TC was around 400t load, the Met No. 1 Hammersmith & City for overnight was not powerful enough to handle the storage, but they were routed along the train, so the Class 20 gave assistance. On District Line to Gloucester Road. There the operation side, the coupling and were some startled views from the few uncoupling had to be done over nonordinary passengers waiting on the electrified lines, which meant some platforms, although all seemed to love it shunting. To reduce boarding delays all with waving, cheering and clapping.

Amersham. This time the 4TC stock was rather than tickets used. The volunteer-drivers from the That's not the end. August 2014 is the Buckingham Railway Centre were 150th anniversary of the Hammersmith checked for competence by an expert, and City line. Next year is the LTM's Three steam locomotives were needed: "year of the bus" so the vintage trains will Met No. 1, GWR Prairie No. 5322 link in with vintage bus operations. There (running as L150) and Pannier No. 9466. will also be runs of the 1938 Tube and A Sarah Siddens and two Class 20s were stock. In 2015, the O stock is scheduled used on the rear of the trains, and all for return and there could be further needed to be fitted with trip-cocks. One steam runs in central London. novel arrangement was that Bachmann I suspect Andy is going to be very busy produced a model of the Class 20s in a over the coming years.

loading and unloading took place at In April and May there were runs to Amersham and passenger had wristbands

PROGRESS ON 34051

I visited the Mid Hants Railway at Ropley repainted. Their cover has been recently to see progress on 34051 substantially rebuilt and painted. Winston Churchill. She is now indoors – Once all the "little bits" have been done, access to the front frames and centre colour differences between paint batches. cvlinder area.

pleasant task, but has to be done.

been removed and new metal welded in to "The ACE at Battledown" in recognition replace the corroded bits. New cylinder of their efforts on our behalf. A number of covers have been made, but keeping the members said that they would like to see old central inspection panels. The sand-the work for themselves. I have therefore box covers have been cleaned and now arranged a visit to Ropley on Wednesday open and close as they should. Cab parts 22nd January, with the presentation have been removed and refurbished in starting at 11:30. If you would like to advance of cleaning and painting the come, please let me know. backhead. The tender vacuum tanks have been removed, needle gunned and

actually, in the wheel-drop shed – and has the loco and tender will be repainted had her front bogie removed for better together so as to make sure there are no

I was greatly impressed by the skills and Work is in progress to clean down the enthusiasm of the two young men – Alex frames and wheels in readiness for re- and Ollie – who are doing much of the painting. As you can imagine, this is not a work. Alex is the "metal basher" and Ollie the painter. Their work is first class. The worst-corroded cladding panels have We are giving the MHR a framed print of

Ian Harrison

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HERITAGE TRACTION UNDERGROUND

Andy Barr, MBE, gave a fascinating It was rebuilt from derelict condition by insight into the work involved in the the Ffestiniog Railway. A steel recent 150th celebrations. Andy was underframe was fitted, along with air and considering retirement in 2012. However, steam brake, and LED lighting to his boss offered him the post of Heritage simulate the original gas lamps. The Operations Manager – it didn't take too Ashbury coaches, which had been much persuasion for him to accept!

The London Transport Commissioner, restored back to original condition by the had already decided to run steam trains Bluebell Railway. The final piece of for the event and Andy was asked to rolling stock was a 1896-built 4-wheel organise it. While London Underground milk van, which had seen its last use in has access to vintage motive power, it 1963. After restoration it was used to haul didn't have any suitable carriages. So he emergency equipment. Sarah Siddons approached the team at the Bluebell was also to be used in the celebrations but Railway who were willing to loan some needed to be re-fitted with vacuum brake vehicles. The ORR had to agree to be compatible with the steam stock: derogations from a range of current this was done at Eastleigh. railway standards. To meet fire Andy now needed to look at the locomotive would start the train, thus getting route agreement, organising safety avoiding the steam locomotive from systems, and training for staff and control centre.

allowing 50 mph running.

supported by the Heritage Lottery Fund. good view ahead. Andy played a

converted for EMU use before 1921, were

precautions, a trailing, electric-powered, operational management. This involved emitting sparks onto the wooden coaches. volunteers. Fitters were to ride on the The smoke and fire detectors at stations train for rapid response in case of needed modification, but this was helped problems, and stewards were put on every by most being reprogrammable from the coach to oversee passenger safety. All the staff and volunteers were provided with It was agreed to use 0-4-4T Met No 1 but "crib sheets" to "educate" passengers on this required overhaul, so £250k was the use of the antiquated stock – such as provided to the Buckingham Railway not putting heads or arms out of windows. Centre, but the work had to be completed The Beattie well-tank No 30587 was by November 2012. The tender for the borrowed from the B&WR in February work was won by the Flour Mill. The 2012, and proved that the operation of locomotive was stripped, the boiler steam locomotives in the tunnels was overhauled, everything checked and possible. The first full trials took place at repaired and then rebuilt. It was found night in December 2012, with Met No. 1, that the horn-blocks were some ¾ inch coach 353, flat wagon (with spare water) out of square and needed correction. One and Sarah Siddons at the rear. Following unusual thing about the locomotive is that this, the stock went back to Acton to the tyres are bolted to the centre, and receive its final painting and lining. The several of the bolts had suffered fatigue full rehearsal took place in early January fractures and needed replacing. It was before the real runs on 13th and 20th then run-in on the Avon Valley Railway January. The rehearsal showed that some and Severn Valley Railway, the latter intermediate signals were being hidden by drifting steam, so a video camera was The restoration of coach 353 was mounted on the buffer-beam to give a

a specialist steam engineer Southampton Docks. A new complex line up the axle boxes, and one giving casting, to connect the outlet from the signals to the crane operator. by Reliance in Kent.

With the approval of the NRM, some Eastleigh exactly a year after it had left. These included moving the steam-chest valve cover and slide bar. points to ease lubrication.

In Summer 2011, just over 6 months into final test run double-headed with Lord the project, the NRM were so impressed Nelson in August 2012. It was then by the progress that they asked for it to be engaged in steam gala events and in available for Railfest the following year. The pit was conveniently free when the Railway to appear alongside Sir Lamiel. time came to re-unit the wheels with the In May of this year, it visited the frames. The exercise started at the front, Gloucester Warwickshire Railway, then with the frame slightly tipped forward, the Severn Valley Railway before Only three people were involved on the returning to the Mid Hants for the winter.

at ground in the operation, two helping to

inner cylinder to the blast pipe, was made Christmas 2011 saw the boiler being steam tested and it was returned to

modifications were made to the Throughout the work they only found two locomotive to make for easier operation. Items which were not original, a slide

pressure gauge to the driver's side and the The May Day Bank Holiday weekend boiler pressure gauge to the fireman's was the time for the press launch, which side. End-of-day engine disposal was was covered by local press and radio, the helped by installing a rocking grate and a NRM PR team generating the interest. All water spray to the top of the fire-grate to that needed doing was the final painting flush out ash. A hose-pipe fitting was before the engine was moved by road to attached to the base of the tender for easy Railfest at York. Once that was over, the filling when there is no water crane, engine was returned to the Mid Hants to Grease nipples were fitted at various fit the rocking grate and then hold a series of running in trials. This culminated in a October went to the Great Central

GOING ROUND IN CIRCLES

Members with long memories will diesel after Bill: No 33109 Captain Bill remember our first Vice-President, Smith RNR. We, the Friends, paid for Captain Bill Smith. It was Bill who some supplementary plates that were privately bought the first standard gauge fitted to the loco and told the story of Bill locomotive from BR – J52 No. 68846 and 1247. (aka GNR No 1247) – before Alan Pegler | A set of these plates was given to Bill at and 4472 – and ran her on preserved and the time and found their way to a main lines between 1960 and 1980. When railway-themed restaurant at Castle costs became too much he donated her to Ashby near Northampton. This has the NRM who operated her between 1980 closed and the owners were selling up. and 1999. One Steve McColl had her repainted into BR black at the East didn't much like) and after his death in affair – always very difficult to know back into "Bill's livery" - GNR green in 2008, as a memorial to him.

Our local spies picked up the auction sale and alerted us to the fact that Bill's plates Somerset Railway in 1996 (which Bill were included. The auction was an online 2003 this group paid for her to be put how to bid into when you can't see the whites of the other bidders' eves.

After some tense moments we were On 3rd July 1993 BR named a class 33 successful in acquiring the two plates.

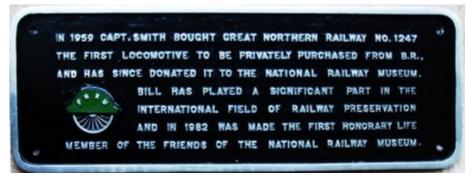
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They are being gifted to the Museum by a The loco is now on the East Lancs member of the SoE Group and we hope Railway in BR blue and has been refitted that they will find a place where their with copies of its descriptive plaques (the importance can be recognised. We had originals seem to have "disappeared"!) – hoped that they might find a home in the see Friends office – Bill was the first Life http://www.elrdiesel.info/documents/fleet Member of the Friends – but apparently -profile-33109.pdf the walls aren't big enough!

CAPTAIN BILL SMITH RNR NAMEPLATES



Bill at the naming of No 33109 on 3rd July 1993 and, below, a close up of the FNRM information plate.



WORKING ON 34051



A man happy in his work: "Dr Bob" - a retired anaesthetist and MHR volunteer - gets down to the bare metal under Winnie's front frame

Some of the photographs used by Andy Barr for his talk on Heritage Operations on the London Underground. From the top: Met No. 1 and Coach 353 at Baker Street during the dress rehearsals; Met No1 with a Class 20. coach 353 and Sarah Siddons. at Harrow on the Hill; The Ashbury carriages at Earls Court; Met No 1 with more modern LT stock. See overleaf for lecture report. (photographs © Andy Barr and London Underground)

STEAM ON THE **UNDERGROUND**









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