



# TELFORD AND IRONBRIDGE MECCANO SOCIETY

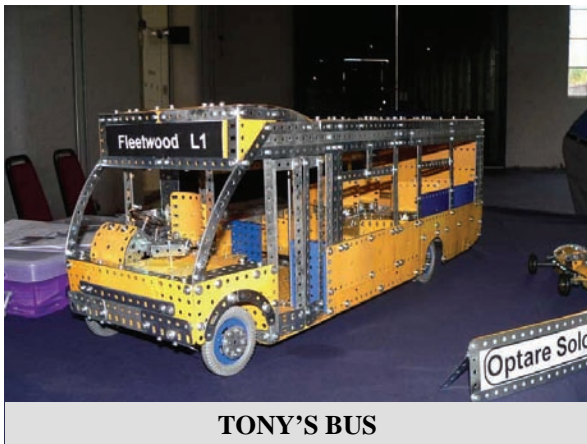
REPORTED BY HUGH JENKINS  
PICTURES BY DAVE HARVEY

## Model Report

November 11th 2006

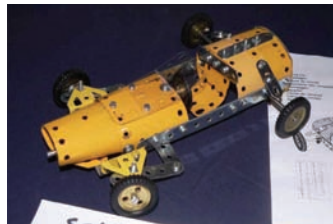
Remembrance day also produced a very good attendance at the November meeting of TIMS, with an excellent variety of models. Keith Way reminded us of this with his Meccano model of a poppy in red and green parts.

**Tony Evanson** showed an Optare solo midi bus, this was built from model plan 168 which was written by Tony James and designed to be built with the parts in a number 10 set.



TONY'S BUS

**Holly Evanson** showed us a nicely built set three racing car.



HOLLY'S No.3 CAR

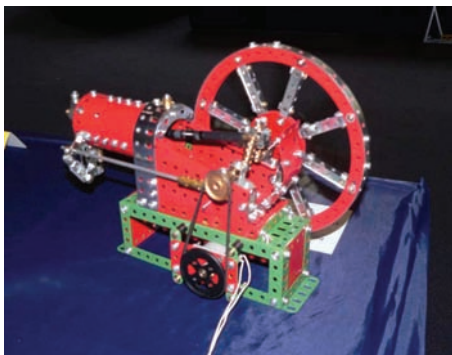


BILL GARDINER AND HIS SUPER FLYBOATS

**Bill Gardener** had 5 models in his display. The first was the double fly boats built using the supermodel plan 33A,

the two wheels revolved in opposite directions and was automatically controlled to stop and start, it was driven by a 12Volt electric motor. The second was a number 602 horse roundabout running 8 horses instead of 4. The third was small but neat racing car from the 6520 model series. The fourth was crane built from a multi model set and the fifth a supermodel bagatelle table. Altogether a nice collection of interactive models enjoyed by both our younger and older visitors.

**Ken Senar** had an incomplete model of a 60 horsepower Blackstone engine, the prototype of which used crude oil as fuel, the model showed the powered exhaust valve and included a mechanism to simulate the characteristic sound of the real engine, with its built up flywheel the engine ran faultlessly all day. The engine will be incorporated in a large model vehicle on completion.



KEN'S BLACKSTONE ENGINE



KEVIN SPAN'S CRANE

**Kevin Span** had two models on display, the first was a tower crane which showed the movements of the prototype, hoisting, slewing and jib trolley controlled by the radio control system from a scrap, cheap model car.

His second was a model motorcycle man who powered himself forward and back until he finally has enough momentum to flip right over a pivot.



**BEN'S FERRIS WHEEL**

**Ben Newbon** showed us what he described as “sticking in his mind” as his favourite model that he so far built, it was beautiful model of a Ferris Wheel from one of the new Meccano releases and it moved in a realistic way and had no flaws in its design.

**John Sinton** displayed two small scale but superbly detailed models, the first was a 1:75 scale model of a Stothert and Pitt 1922 Titan block setting crane, the model was fully working despite being only 18 1/2" long, being driven by a Buhler electric motor. His second was a model of the 2-8-0 War Department locomotive in 1/12<sup>th</sup> scale this was powered by a Faulhaber motor.

**Paul Hubbard** showed us a model plan Coles Mobile crane, which he is constructing towards the Coles Crane display for the Meccanuity event. He also had his Ferris wheel reconstructed with a new base, pay-box and steps. It ran very smoothly and quietly. To complete his display he had some small kit models a drag car, motorbike, racing car, orange microlite and a radio controlled racing car.



**PAUL HUBBARD ASSEMBLING HIS FERRIS WHEEL MODEL**

**Robert Curling** had five lorries on display, based on a design published in CQ in 1994 all using a common style of chassis and cab. The chassis



**ROB CURLING'S TRUCK FLEET**

length and detail is varied to suit the size of the prototype. The models represented a four wheeled flatbed, a six wheel crane lorry, an eight wheel articulated truck, a six wheel tipper and a twelve wheel articulated box van. A very nice display indeed!

A variety of inputs from the **Sleaford family** produced a very nice display with a predominantly aeronautical flavour, **Peter** had contributed one Red arrow, **Joyce** contributed two more and **John** had built the stand. These were accompanied by three Spitfires and finally **Joyce** built the Empire State Building.

**Steph Sleaford** showed us what a youngster aged eight could do with a fine display of radio control models some delightful models made from small steel and plastic sets.



**JOHN SINTON**

**Peter and Tina Sleaford** showed three red arrow models in fly past formation and trailing smoke.



**JOHN AND JOYCE SLEAFORD**

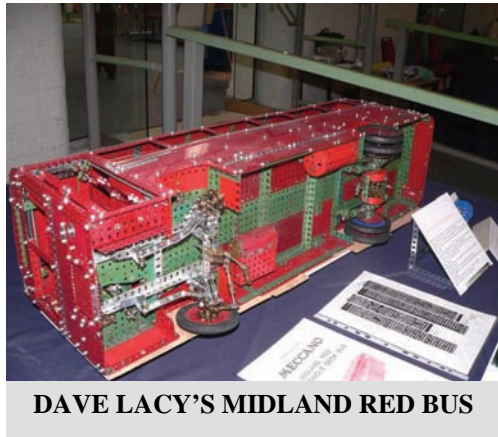


**THE SLEAFORD FAMILY DISPLAY**

**Ian McCalla** has started building the Model plan Haarland and Woolf gantry crane and showed us the frame leg of the model, the whole model will be very large when completed but can be built from a number 10 set.

On the subject of large models **Dennis Caiger** had brought a large model of HMS Pepperpot. The model followed the design of the WW2 K,L and tribal class destroyer with post war Daring class gun turrets. In red and green parts it looked the part.

Considerable progress has been made on **David Lacy's** 1962 Midland red bus. It was displayed on its side to enable us to study the detail of the underside. The front and rear suspension could be compared with photographs of one of the two preserved vehicles. He also showed us gearboxes and clutches under construction.



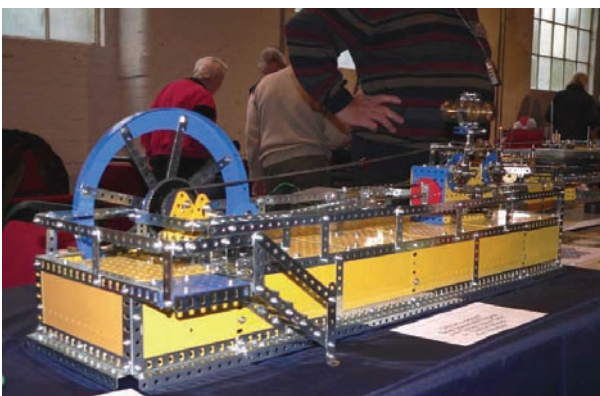
**DAVE LACY'S MIDLAND RED BUS**



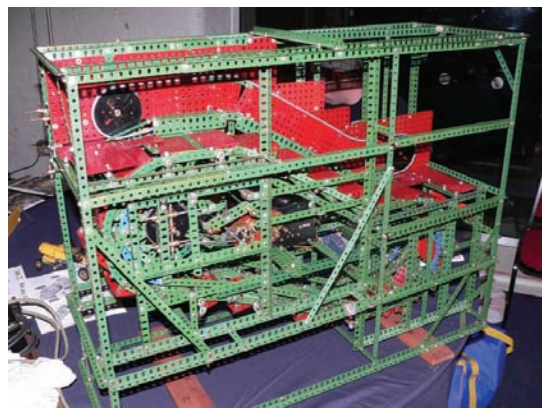
**DENNIS CAIGER'S DESTROYER**

Dibnah's delight was presented to us by **Ken Newbon**, it was a Corliss valve, slow speed mill engine. It was built from instructions given in the old K set models and has separate inlet and exhaust valves, operated by a "wrist plate connected to an eccentric on the crankshaft, there was also a governor to control the speed of the engine.

Ken also showed us a 2 seater sports car based on a model shown in the book "The products of Binns Road".



**KEN NEWBON'S DIBNAH'S DELIGHT MILL ENGINE**



**TONY'S ESCALATOR MODEL**

**Tony Wakefield's** magnificent and possibly unique model escalator showed the workings of these often taken for granted part of modern day living. It is built to a scale of 1:10 and has 25 moving steps. The handrail is made of electric cable covering which worked well and with the near side covering removed, the secrets of the machine were revealed. This model was photographed by National Geographic for their series on the escalator.

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**Don Boycott** had a neatly modelled Volvo tipper that was fitted with a snow plough, Don had modified the snow plough mounting so that it was attached to the chassis as the prototypes mounting went through the cab which Don said looked dangerous for the driver.



**DON'S SNOWPLOUGH**

**Peter Pyefinch** showed us his latest vehicle, the prototype of which was a Douglas aircraft towing tractor produced in 1985 for towing the new range of heavy airliners at Heathrow airport, Pete is building the model from official drawings supplied by the manufacturers for the project. Another very impressive model.



**PETE PYEFINCH SHOWED US THIS SUPERB TOWING TRACTOR**

Another aspect of Meccano was shown by **Geoff Brown's** Meccano Calais Robot, this dubious character is about 4 foot high (the Robot not Geoff). It is believed to have been built at Calais for display in a big store. It later found its way to the Lincoln Toy museum. It was then sold by auction from where Geoff rescued it. It is badly in need of sound, light, motion and TLC.

**Dave Bradley** had built a 4x4 quad buggy which featured permanent 4 wheel drive, fully independent suspension and remote control, to maintain the models proportions Dave had used tyres from the Blue Action Man Jeep.



**DAVE BRADLEY'S 4X4 BUGGY**

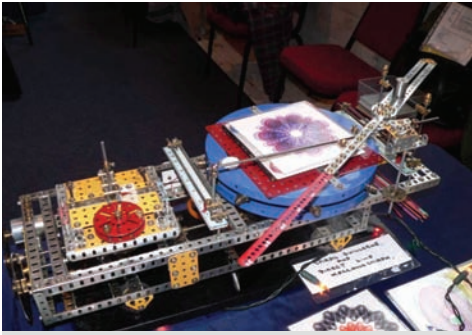
**John Evans** showed us a unicyclist, he had built from a design by Jean-Max Esteve, which had been exhibited at the CAM Exhibition in May 2006. The unicycle is a 3" spoked wheel but keeping it balanced is proving difficult.

**Hugh Jenkins** showed two models, a number 10 set lifting shovel finished in yellow, black and zinc and powered by an E20R electric motor and an approximately 1/12 scale parallel boilered Royal Scot class locomotive and tender which ran smoothly if somewhat noisily, again being powered by Hugh's favourite E20R electric motor.



**HUGH JENKIN'S ROYAL SCOT CLASS LOCO**

**Les Nightingale (senior)** used a Meccano infra red control system to control a small but well detailed Scammell Scarab mechanical horse and trailer, the model incorporated a nicely made working Scammell automatic coupling and trailer brake. On the same display he had two Konkoly based Meccano graphs producing super designs all day. **Anne Nightingale** worked the Meccano graphs and had built a very seasonal Santa Claus sleigh. Another Coles mobile crane for the project was built by **Les Nightingale (junior)** this one was from a 1950's Meccano Magazine, another Scammell Horse was included as a children's model.



ANN NIGHTINGALES MECCANOGRAPH AND LES'S SCAMMEL



A NIGHTINGALE XMAS !

**Dave Harvey** showed three superb models. An impulse inching clock. This model was inspired by an antique German pendulum clock whose dial cried out to be used in a Meccano model. The mechanism was driven by a synchronous motor, which drove a ratchet mechanism which gave impulses to the clock.

His second model was of a Caterpillar D315 diesel generator the model was accompanied by a lighting stand to simulate the generator being in use. The model features a front mounted radiator complete with cooling fan, oil filter with dipstick, air filter module exhaust and induction manifold, flywheel housing, exciter including drive belt and cover, starter motor and generator assembly. The third model was Dave's superb Savage centre engine which comprises two steam engines supplied with steam from the same boiler, this engine ran smoothly with a sound simulator to add to its realism.



GEOFF BROWN BROUGHT ALONG THIS FELLA!



DAVE HARVEY'S DETAILED SAVAGE STEAM ENGINE, HIS IMPULSE CLOCK AND DIESEL GENERATOR

The Marks and Spencer Red Arrow sets inspired **Reg Hall** to produce three echelons of three aircraft each, each echelon being at a different height on a rotating structure. This structure was built up of a complete circle of flanged sector plates on which was placed a bearing of flanged rings and half inch pulleys. A small Dalek was in attendance as a security guard!

Our thanks as always go to Dave and Marilyn Taylor for giving members a fantastic choice of spares and sets.



DAVE & MARILYN TAYLOR



REG HALL'S JETS

**Keith Way** from the Model Plan 128 as another part of the Mechanuity event. This model had been designed as a hybrid between the 1949 dinky model and the real crane Keith had the model running very smoothly with all motions working well from the neat cab controls. A second Coles crane from the same builder but from model 8.4 in the 1970 –78 manual gave a neat representation of a smaller model.

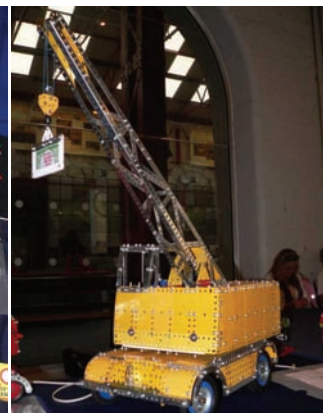
**Janet Way's** model Rowers based on manual model 7.3 has now had a motor and battery pack added to make the rowers work instead of just working when the model is pushed along.



**JOHN MACDONALDS WRECKER**



**JANET AND KEITH'S MODELS**



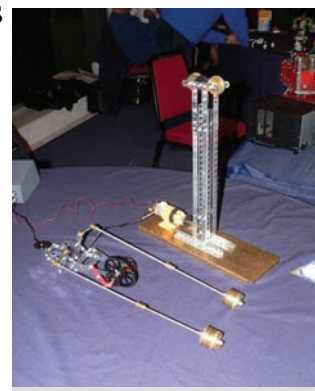
**John MacDonald**, the first was 6x4 tipper lorry with double drive bogies with differentials, the correct suspension, lights and 2 speed gear box. The tipping mechanism was driven by a power take off.

John's second model was an 8x8 wrecker based on a 1945 Sterling. This model features 8 wheel drive, turntable steering, 6 forward speeds and two reverse, lights and rocking beam suspension, the crane elevates, hoists, extends and trains. Both models were to approximately 1/12 scale.

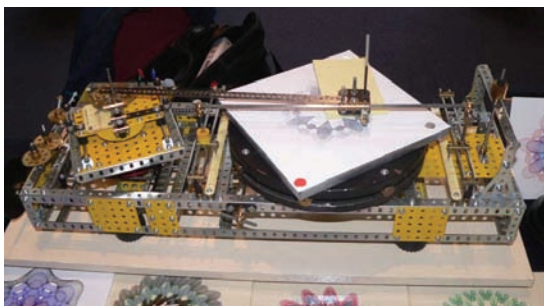
**Mike Fallows** brought along a large collection of Meccanographs for us to view. All worked faultlessly all day and proved to be a huge attraction to the visitors to the museum.

**Matt & Xavier Goodman** Had a large collection of plastic Meccano and were happily playing all day. Matt and Xavier were building powered cars up and whizzing them forwards and backwards along the engine shed floor. Quality play-time and proving the fun potential of the plastic medium!

**Tony Clapperton and Keith Way** showed us a section of the model of the Iron Bridge that they are producing as a large display for the club, progress on this one side shows that this model will be very impressive when completed. Tony also brought along a curious looking unicyclist model.



**TONY'S UNICYCLIST**



**ONE OF MIKE'S MECCANOGRAPHS**



**MATT AND XAVIER**