

The Crank Calls

May 2007

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|-------------|--------------|----------------|
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NEXT MEETING
 May 19, 2006 at
 Robert Schutz's Shop
 366 40th St. Oakland CA
 Doors open at 9 AM
 Meeting Starts at 10 AM

Upcoming Events

May 19-20 Make Faire in San Mateo
 July 29 1st B.A.E.M. engine show in Vallejo
 Aug 3 – 5 Goodguys @ Pleasenton

MEETING NOTES

By Bob Kradjian

Carl Wilson, Tom Armstrong and Pat O'Connor were at NAMES in Ohio and missed this meeting. Stan Orr was our sole visitor, coming from Reno with club member Mark Cave.

Robert Schenk got a first "puff" from an epicyclic steam engine. That counts! He will try to bring the engine to the next meeting.

Dwight Giles inherited two Hicks Marine engines and fired up one just the day before the meeting. That also counts as a first pop. The engine is a twelve hundred pound, 1925 model with a whopping six and a half inch bore by seven and a half inch stroke. These engines powered most of the fishing fleet power before W.W. II, and after. They were usually fitted in a Monterey type hull. There are some excellent photos of these double-ended boats at www.oldmarineengine.com/Hicks.

This engine was produced by the famous Yuba Manufacturing Company. It produces eight horsepower at around 350 rpm, uses a spider gear arrangement for the forward, neutral, and reverse. The clutch faces two cast-iron surfaces. It has three means of controlling engine speed: a compression release, a throttle, and a method to change igniter timing.

The other Hicks is a two cylinder "junker" as a result of salt water immersion. Dwight hopes to make drawings, patterns, and----who knows--- maybe a classic kit for the single.

Earlier this month Ken Hurst and George Gravatt made their annual trek to the Mazda Corporation facility in Irvine. After showing their engines, they repaired to Joe's Garage for a formal dinner and a good look at the antique motorcycles, midget racers and Indy roadsters.



Tom Hare reported on publicity for the club's upcoming show. The date is July 29, the site is the Vallejo Veteran's Building at 420 Admiral Callaghan Lane in Vallejo. The official title for the show is the "Western Engine and Model Exhibition". Tom showed a nice poster (11 x 17 inches) developed by Mike Rehmus. Members

wanting to purchase a clean copy of the first-ever club poster are invited to purchase them at a premium price to benefit the club's publicity fund. More details at next month's meeting

Hillsborough Concours d'Elegance report:

It was a sunny day and another good outing for the BAEM crew. Members Pretel, Hurst, O'Connor, Gravatt, Nickels, Throop, Jones, Jasik, and Kradjian were there to show engines to an appreciative crowd of automobile enthusiasts.



The day prior to the Hillsborough show was the second "Legend of the Motorcycle" at the Half Moon Bay Ritz-Carlton. If you love motorcycles this will be the place for you next

Stuff for Sale

Grant Saviers may still have some Welders for sale, contact him at: grants2@pacbell.net 415 495 4559

year. Member Carl Wilson was there, having a good time. There were dozens of HRD Vincents on display along with about 500 other motorcycles.

BAEM will be represented at the Make Faire at the San Mateo Fairgrounds, May 19 and 20. This is a gadgeteer's dream with all sorts of electronics, modified bicycles, and robots among others.

Tech Topic:

Paul Bennett stepped up again and delivered an excellent presentation on carburetion. Venturis, fuel bowls, floats, needle valves, jets, ideal air-fuel mixtures, fuel warming, accelerator pumps, idle circuits----and more----were discussed. He knows the big engines as well as the miniatures. Thanks, Paul. Next time: fuel injectors and supercharging.

A web site with a very big Diesel
<http://people.bath.ac.uk/ccsshb/12cyl/>

Editors Note

Pat O'Connor and Tom Armstrong have sent me some of the pictures they took at NAMES. I will pass them along to the Jim to put them up on our web site. For the moment you can enjoy this 12 cylinder airplane engine.



And Steve Jasik will have a Kennedy toolbox and some carbide endmills, ... for sale at the meeting.