FRIDAY, OCTOBER 21, 2011

Design 1978 - Valiant

The following article is from Yankee magazine, circa 1971. It was written right in the middle of troubles with 12-meter Valiant.

Here's the article. That is some posed image of Olin. I'm surprised he sat for that. Please double click for zoom.
Design 1908 - Coming on Market

- 9 Oct - 16 Oct (16)
- 2 Oct - 9 Oct (13)
- 25 Sep - 2 Oct (8)
- 18 Sep - 25 Sep (12)
- 11 Sep - 18 Sep (10)
- 4 Sep - 11 Sep (10)
- 28 Aug - 4 Sep (13)
- 21 Aug - 28 Aug (16)
- 14 Aug - 21 Aug (17)
- 7 Aug - 14 Aug (18)
- 31 Jul - 7 Aug (9)
- 24 Jul - 31 Jul (15)
- 17 Jul - 24 Jul (18)
- 10 Jul - 17 Jul (16)
- 3 Jul - 10 Jul (17)
- 26 Jun - 3 Jul (15)
- 19 Jun - 26 Jun (22)
- 12 Jun - 19 Jun (21)
- 5 Jun - 12 Jun (17)
- 29 May - 5 Jun (16)
- 22 May - 29 May (21)
- 15 May - 22 May (32)
- 8 May - 15 May (15)
- 1 May - 8 May (16)
- 24 Apr - 1 May (19)
- 17 Apr - 24 Apr (23)
- 10 Apr - 17 Apr (23)
- 3 Apr - 10 Apr (31)
- 27 Mar - 3 Apr (21)
- 20 Mar - 27 Mar (30)
- 13 Mar - 20 Mar (22)
- 6 Mar - 13 Mar (23)
- 27 Feb - 6 Mar (23)
- 20 Feb - 27 Feb (19)
- 13 Feb - 20 Feb (18)
- 6 Feb - 13 Feb (10)
- 30 Jan - 6 Feb (12)
- 23 Jan - 30 Jan (11)

Olin readily admitted that he had relied too much on tank test data and pushed too hard to reduce wetted surface. There was clearly too little lateral area in the rudder. All I know is there are a lot of images of the quarter wave coming off the boat and various modifications tried to improve her. Take a look at the rudder profile in this sail plan.

And finally here's a look at the Valiant model in our office.

Posted by Bruce Johansen at 3:58 PM

0 Comments:

YACHT CLUBS & ASSOCIATIONS
- Sparkman & Stephens Association
- Sparkman & Stephens 34 Association of Australia
- Sparkman & Stephens Association of Italy
- Classic Swans - Sparkman & Stephens
- America Boat and Yacht Council (ABYC)
- American Yacht Club
- British International Eight Meter Association
- Camden Yacht Club
- Castine Yacht Club
- Cedar Point Yacht Club
- Chris Craft Sailboat Division
- Dolphin 24
- InterClub Dinghy Class
- International Eight Meter Association
- International Lightning Class Association
- International Sailing Federation
- International Twelve Meter Class
- Manhasset Bay Yacht Club
- Manhattan Sailing

http://sparkmanstephens.blogspot.com/2011/10/design-1978-valiant.html 01/02/2012
- Desirable and Undesirable Characteristics of Offshore Yachts
- Preliminary Design of Boats and Ships
- Principles of Yacht Design
- Rod Stephens on Sailing (Free Download)
- Sail Performance: Theory and Practice
- Skene's Elements of Yachting
- Yacht Design Explained: Principles and Practice

**NAVAL ARCHITECTURE/BOAT BUILDING SCHOOLS**
- Florida Atlantic University
- Florida Institute of Technology
- International Yacht Restoration School (IYRS)
- Massachusetts Institute of Technology
- Southampton Solent University
- Stevens Institute
- The Landing School
- University of California Berkeley
- University of Michigan
- University of New Orleans
- Webb Institute
- Westlawn Institute of Marine Technology
- Wooden Boat School

**MARITIME MUSEUMS**
- Chesapeake Bay Maritime Museum
- Cowes Maritime Museum
- Herreshoff Marine Museum
- Herreshoff Marine Museum & America's Cup Hall of Fame
- Maine Maritime Museum
- Musee Maritime de La Rochelle
- Museum of Yachting
- Mystic Seaport Museum
- National Maritime Museum
- Penobscot Marine Museum
- South Street Seaport

**MAGAZINES & PUBLICATIONS**
- Boat International
- Classic Boat
- Maine Boats, Homes & Harbors
- Sail
- Sailing

**YACHTING DEVELOPMENTS**

**SAILMAKERS**
- Doyle Sails
- North Sails

**BOAT SHOWS**
- Fort Lauderdale International Boat Show
- Maine Boatbuilders Show
- Miami International Boat Show
- Monaco Yacht Show
- Newport International Boat Show
- Palm Beach International Boat Show

**SAILING YACHTS**
- Dorade - Design 7
- Mystic Seaport’s Brilliant - Design 12
- Landfall - Design 54
- NY32 - Design 125
- 15’ Double Ender -
• Sailing World
• Soundings
• WindCheck
• Wooden Boat
• Yachting
• Yachting Heritage Publications
• Yachting World

MARINE PHOTOGRAPHERS
• Alison Langley Photography
• Beken of Cowes
• Benjamin Mendowitz Photography
• Billy Black Photographer
• Cory Silken
• Neil Rabinowitz Photography
• Onne Van Der Wal Photography, Inc.

MOTOR YACHTS

51' Powerboat - Design 22

56' Swordfisher - Design 108

68' Classic Commuter - Design 145-C1

40' Power Launch - Design 334

32' Power Cruiser* - Design 764

Design 167
Actaea - Design 215
Bitzen - Design 221
Westerly - Design 321
Anna Marina - Design 915
Finisterre - Design 1054
Dyna - Design 1177
60' Motoryacht - Design 809

Tambo - Design 1092

60' Burger Motoryacht - Design 1146

Corsaro II - Design 1505

82' Motoryacht - Design 1170

Tartan 27 - Design 1617

44' Sport Fisherman - Design 1580

Sunward 48 - Design 1674

114' Motoryacht - Design 1686

Shields Class - Design 1720

68' Burger Motoryacht - Design 1730

Sailmaster 22 - Design 1743
195' Motoryacht - Design 2688

Grand Banks 47 Classic - Design 2697

Grand Banks 47 Europa - Design 2697

Grand Banks Aleutian 59 - Design 2688

72' Trawler Motoryacht - Design 2708

45' Down East Motoryacht - Design 2710

85' Expedition Motoryacht - Design 2711

65' Down East (37 Knots) Motoryacht -

90' Ketch - Cyclos - Design 2447

Maxi 88 - Design 2494

Baltic 52 - Design 2544

90' Ketch - Design 2551

82' Sloop - Design 2561

117' Ketch - Design 2575

82' Sloop - Design 2583
Design 2713

131' Motoryacht - Design 2715

60' Displacement Motoryacht - Design 2719

60' Motoryacht - Design 2735

112' Expedition Motoryacht - Design 2739

COMMERCIAL & MILITARY VESSELS

61' Tugboat - Design 236

Subchaser - Design 374

Amphibious Truck - Design 402

92' Ketch - Design 2639

112' Sloop - Design 2642

Morris Yachts M36 - Design 2706

56' Sloop - Design 2721

Morris Yachts M42 - Design 2723

172' Ketch - Design 2725

Morris Yachts M52 - Design 2727

Morris Yachts M29 - Design 2741
85' PT Boat (35 Knots) - Design 701

~40' Cuban Patrol Boat - Design No. Unknown

67' Sightseeing Vessel - Design 1552

76' Personnel Carrier - Design 1609

79' High Speed Gas Turbine (57 Knots) Crew Boat - Design 1740

163' Ferry - Design 2476

27' High-Speed (42 Knots) Interdiction Craft - Design 2601