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JANELLE ENGINEERING, INC.

Marine Test Report

For

Ben Sharfi
Fort Lauderdale, FL

Performance Measurements
On
BYTE ME

June 4, 2002 (rev1)

Report Issued to: Peter Gimpel, Winchester Design Group

Prepared by: Gerard L. Janelle
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A. Personnel On-Board

Capt. Terry Day – Byte Me
Mr. Ben Sharif – Byte Me
Mr. Roddy Haines – Byte Me
Mr. Peter Gimpel, Winchester Design Group
Mr. Gerard L. Janelle, Janelle Engineering, Inc.
Mr. Ewald Kamleitner – Deutz AG
Mr. Henrik Enkelman
Mr. Gerard L. Janelle, Janelle Engineering, Inc

B. Vessel Specifications

- Name: Byte ME
- Location : Ft. Lauderdale
- Contact: Peter Gimpel Tel: 954-977-9777

- Contact: Capt. Terry Day Tel: 954-5293278
 - Manufacturer: Viking Yachts
 - LOA: 72'0"
 - Beam: 19'4"
 - Draft: 6'9"
-

C. Engine \ Transmission Information

- Engines: 2xTBD 616 V16 Deutz Diesels
Contact: Scott Marine – 954-523-8866
- Port Engine S/N: 616.16.001114
- Star Engine S/N: 616.16.001117
- Rated HP: 1850 HP (1360KW) @ 2300 RPM
- Transmission Mfr: ZF
- Transmission Model No.: ZFPW255P
- Ratio: 2.462

D. Propeller \ Shaft Information

- Propellers: Rolla - 5-Blades – 39.5 x 46.2 (Actual)

- Material: Bronze
- Shaft Manufacturer: N/A
- Shaft Material: Accumet 22
- Shaft Diameter: 4.00"
- Elastic Modulus: 28.9 E6 PSI
- Torsional Modulus: 10.8 E6 PSI
- Poisson's Ratio: .312
- Max RPM Expected: 954

E. Weight Inventory

- Water Level: 25%
- Fuel Level: Fwd: Full, Mid: Empty, Aft: Half Full
- Missing Gear: None

F. Summary (Revised 6-5-02)

Date	Port Engine		Star Engine	
	sHP	RPM	sHP	RPM
4-19-02	1701	2233	1712	2275
6-04-02	1826	2300	1854	2291
Difference	+105	+67	+142	+16

G. Recorded Sea Trial Data

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