

RodDNA – Update

Chris Bogart & Larry Tusoni

New Version V1.3

- First step towards version 2.0 which will feature a complete taper design environment
- Removes necessity for Network connection other than to first register
- Taper database updated – 714 tapers including majority of those in Ray Gould's book.
- Contains important new features.

Version 1.3 Features

- Stresses for Quad / Penta / Hepta / Octa now based upon their geometry not just for Hex
 - latent problem in Garrison Stress Calculations
- Conversions are now based upon maintaining the same stress curve for:
 - Line weight
 - Geometry
 - Number of sections

Version 1.3 Features

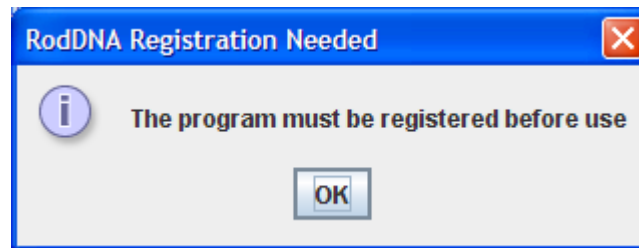
- Value Editor Updated
 - Single Station or SelectedRange Changes
 - Quick Access to Dimensional Edition for cut and paste
 - Operations on selected ranges
 - Plus a value
 - Minus a value
 - Multiply by a value or percentage (scaling)
 - Divide by a Value

Version 1.3 Features

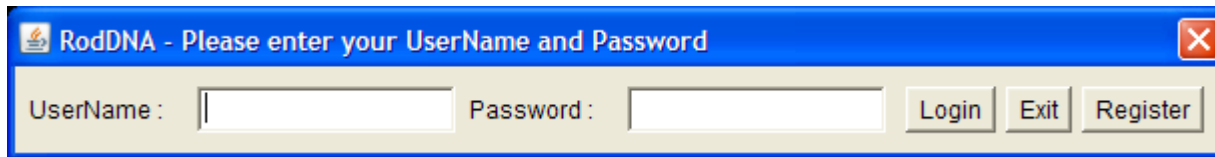
- Geometries in stress curve calculations are now fully supported for:
 - Quad (4) (0.1667)
 - Penta (5) (0.0956)
 - Hex (6) (0.12 – Garrison's Original Value)
 - Hepta (7) (0.09662)
 - Octa (8) (0.1095)

Examples

Register



Register Step 2



The image shows a screenshot of a web application window. The window has a blue title bar with the text "RodDNA - Please enter your UserName and Password" and a red close button on the right. The main content area is light gray and contains two input fields: "UserName : [text box]" and "Password : [text box]". To the right of the input fields are three buttons: "Login", "Exit", and "Register".

Register Step 3

Profile / Registration

User Name * cbogart

Password * ●●●●●●

Confirm Password *

Primary Expertise * Software

Name * Chris Bogart

Address 1 * 490 Grand View Drive

Address 2 *

City * Luray

State * Virginia

Postal Code * 22835

Country / Area * United States of America

E-Mail Address * cbogart@shentel.net

You can elect to allow sharing of your Model and Vendor files for selected or all users.
Select IDs that can share your files or select [Everyone] to allow all users.

Share Files? (Select to allow file sharing)

Share IDs

- [Everyone]
- Onthefly
- 1canenut
- 1Mike
- 1weight

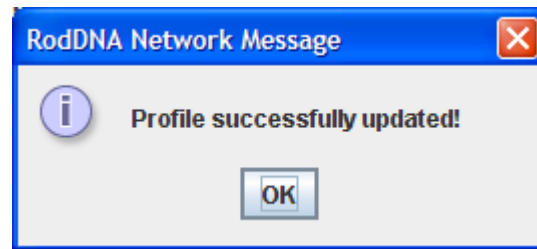
Select one or more ID's from the list. Use the Ctrl key or Shift key for multiple selections.

Note: * denotes a required field.

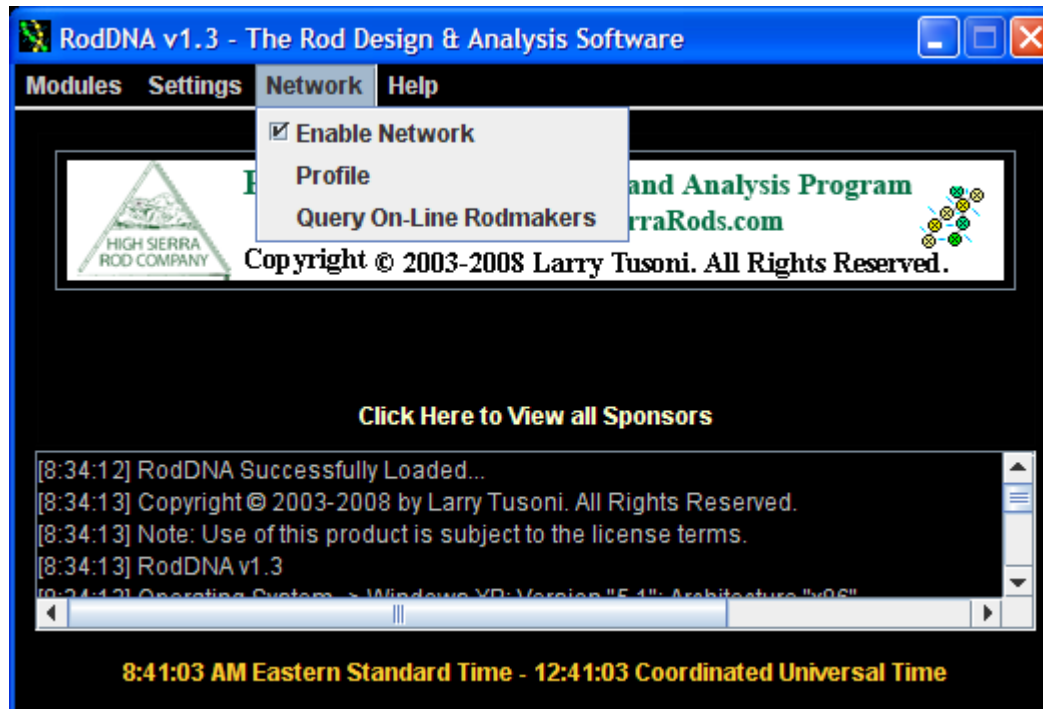
Apply Changes Change Password Delete Profile

Cancel E-Mail Password Help

Registration Completed



Turn Network Off



Now Network is Off

RodDNA v1.3 - The Rod Design & Analysis Software

Modules Settings **Network** Help

Enable Network

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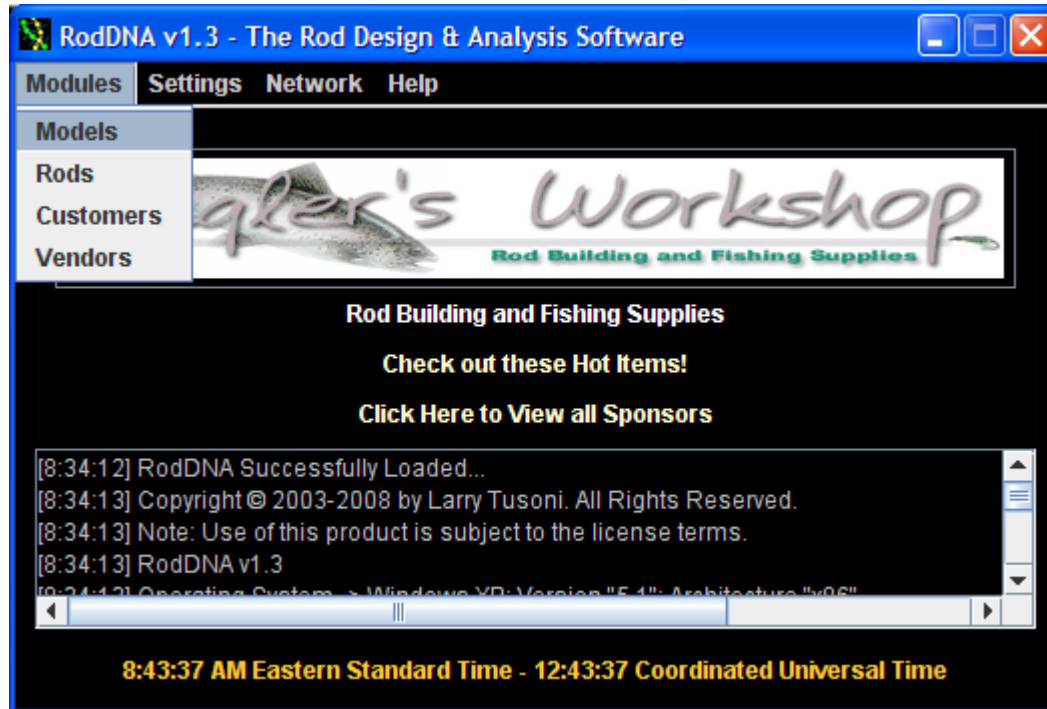
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[8:34:12] RodDNA Successfully Loaded...
[8:34:13] Copyright © 2003-2008 by Larry Tusoni. All Rights Reserved.
[8:34:13] Note: Use of this product is subject to the license terms.
[8:34:13] RodDNA v1.3
[8:34:13] Operating System -> Windows XP; Version "5.1"; Architecture "x86"

8:41:55 AM Eastern Standard Time - 12:41:55 Coordinated Universal Time

Select Models



New Database – 714 tapers

Models Module

File Edit Print Beveler/Mill Tools Import Network Help

Models Values Compare Values Details Chart Controlled Modification

ID#	DB#	Name	LengthInch	ActLngInch	Type	Const Type	Line Weig
1	1	A&F Yellowstone Special #1	96	80	Fly-Rod	Hex	
2	2	A&F Yellowstone Special #2	108	98	Fly-Rod	Hex	
3	3	Abbott Tim 2007 Challenge Rod	96	86	Fly-Rod	Hex	
4	4	Airex Uslan N. Light 110 Spinning 6'0" Ro...	72	72	Spinning-Rod	Penta	
5	5	Airex Uslan N. Light Spinning 7'0" Rod 5"	84	84	Spinning-Rod	Hex	
6	6	Airex Uslan N. Medium 115 Spinning 6'0" ...	72	72	Spinning-Rod	Penta	
7	7	Amherst Scarborough 8653 3/2	102	92	Fly-Rod	Hex	
8	8	Anderson Don	78	78	Fly-Rod	Hex	
9	9	Anderson Don Dainty - 510/ 22	72	63	Banty-Fly-Rod	Hex	
10	10	Anderson Don Favorite - 510/52	93	83	Fly-Rod	Hex	
11	11	Anderson Don Spinning Rod	72	72	Spinning-Rod	Hex	
12	12	Baitcast 6'6"	78	68	Casting-Rod	Hex	
13	13	Baitcast 6'6" three bucktail.	78	68	Casting-Rod	Hex	
14	14	Baitcast 6'6" 3/8-1/2 lures smaller	78	68	Casting-Rod	Hex	
15	15	Barnes Four Sider 7052	84	74	Dry-Fly-Rod	Quad	
16	16	Bernard 7352	75	65	Fly-Rod	Hex	
17	17	Bernard 7643	90	80	Fly-Rod	Hex	
18	18	Bernard 7652	90	80	Fly-Rod	Hex	
19	19	Bogart Chris "Chilli Pepper" Banty	66	66	Banty-Fly-Rod	Hex	

Abbott Tim 2007 Challenge Rod 8' 0" 5wt 1p

Tim's "Paraverage Taper for 2007 Challenge Rod - listed in Issue 109 of The Planing form. It was built as a 1 pieced and Tim says it can be built as a 7' 6".

Stresses

Rod Stress Curve Chart

Stress (lb) vs Dimension (inches from Tip)

Dimensions

Rod Dimension Chart

Diameter (inches) vs Dimension (inches from Tip)

New Values Tab

Models Module

File Edit Print Beveler/Mill Tools Import Network Help

Models Values Compare Values Details Chart Controlled Modification

Abbott Tim 2007 Challenge Rod

Dimensions & Stresses

Sta#	Values	Delta
0	0.0700	0.0000
5	0.0900	0.0200
10	0.1080	0.0180
15	0.1220	0.0140
20	0.1360	0.0140
25	0.1500	0.0140
30	0.1700	0.0200
35	0.1880	0.0180
40	0.2050	0.0170
45	0.2220	0.0170
50	0.2320	0.0100
55	0.2410	0.0090
60	0.2520	0.0110
65	0.2590	0.0070
70	0.2710	0.0120
75	0.2810	0.0100
80	0.2890	0.0080
85	0.2940	0.0050
90	0.2960	0.0020
95	0.2980	0.0020

Dimensions
 Stresses

Save Edits

Reload Values

Calculate Stresses

Dimension Editor

Adjust Selected Values

Factor

+ - * /

Guide Spacing & Sizes

Gu...	Position	Size	Fraction
1	4.3	1	4 1/3
2	9.25	1	9 1/4
3	15.3	1	15 1/3
4	21.9	1	21 9/10
5	29.1	2	29 1/10
6	37.2	2	37 1/5
7	46.1	3	46 1/10
8	55.8	4	55 4/5
9	65	10	65
10	0	0	0

Save Edits

Clear Values

Reload Values

Load Defaults

Dimensional Editor

Model Taper Dimensions ✕

```
0 0.07 5 0.09 10 0.108 15 0.122 20 0.136
25 0.15 30 0.17 35 0.188 40 0.205 45 0.222
50 0.232 55 0.241 60 0.252 65 0.259 70 0.271
75 0.281 80 0.289 85 0.294 90 0.296 95 0.298
```

Enter dimensions starting at station #0 or enter station # and associated dimension.

Dimensions Only .032 45 056 etc. Station Increment = 5"

Station and Dimensions 0 .032 5 45 10 056 etc.

Perform Changes on Range

Models Module

File Edit Print Beveler/Mill Tools Import Network Help

Models Values Compare Values Details Chart Controlled Modification

Abbott Tim 2007 Challenge Rod

Dimensions & Stresses

Sta#	Values	Delta
0	0.0700	0.0000
5	0.0900	0.0200
10	0.1080	0.0180
15	0.1220	0.0140
20	0.1360	0.0140
25	0.1500	0.0140
30	0.1700	0.0200
35	0.1880	0.0180
40	0.2050	0.0170
45	0.2220	0.0170
50	0.2320	0.0100
55	0.2410	0.0090
60	0.2520	0.0110
65	0.2590	0.0070
70	0.2710	0.0120
75	0.2810	0.0100
80	0.2890	0.0080
85	0.2940	0.0050
90	0.2960	0.0020
95	0.2980	0.0020

Dimensions
 Stresses

Save Edits

Reload Values

Calculate Stresses

Dimension Editor

Adjust Selected Values

Factor:

+ - * /

Guide Spacing & Sizes

Gu...	Position	Size	Fraction
1	4.3	1	4 1/3
2	9.25	1	9 1/4
3	15.3	1	15 1/3
4	21.9	1	21 9/10
5	29.1	2	29 1/10
6	37.2	2	37 1/5
7	46.1	3	46 1/10
8	55.8	4	55 4/5
9	65	10	65
10	0	0	0

Save Edits

Clear Values

Reload Values

Load Defaults

Perform Changes on Range

Models Module

File Edit Print Beveler/Mill Tools Import Network Help

Models Values Compare Values Details Chart Controlled Modification

Abbott Tim 2007 Challenge Rod

Dimensions & Stresses

Sta#	Values	Delta
0	0.0700	0.0000
5	0.0900	0.0200
10	0.1080	0.0180
15	0.1220	0.0140
20	0.1360	0.0140
25	0.1550	0.0190
30	0.1750	0.0200
35	0.1930	0.0180
40	0.2100	0.0170
45	0.2270	0.0170
50	0.2370	0.0100
55	0.2460	0.0090
60	0.2520	0.0060
65	0.2590	0.0070
70	0.2710	0.0120
75	0.2810	0.0100
80	0.2890	0.0080
85	0.2940	0.0050
90	0.2960	0.0020
95	0.2980	0.0020

Guide Spacing & Sizes

Gu...	Position	Size	Fraction
1	4.3	1	4 1/3
2	9.25	1	9 1/4
3	15.3	1	15 1/3
4	21.9	1	21 9/10
5	29.1	2	29 1/10
6	37.2	2	37 1/5
7	46.1	3	46 1/10
8	55.8	4	55 4/5
9	65	10	65
10	0	0	

Dimensions (Selected)
Stresses

Save Edits
Reload Values
Calculate Stresses
Dimension Editor

Adjust Selected Values

Factor: .005

+ - * /

Save Edits
Clear Values
Reload Values
Load Defaults

Conversions

Models Module

File Edit Print Beveler/Mill Tools Import Network Help

Models Values Compare Values Details Chart Controlled Modification

ID#	DB#	Name	LengthInch	ActLngInch	Type	Const Type	Line Weig
1	1	A&F Yellowstone Special #1	96	80	Fly-Rod	Hex	
2	2	A&F Yellowstone Special #2	108	98	Fly-Rod	Hex	
3	3	Abbott Tim 2007 Challenge Rod	96	86	Fly-Rod	Hex	
4	4	Airex Uslan N. Light 110 Spinning 6'0" Ro...	72	72	Spinning-Rod	Penta	
5	5	Airex Uslan N. Light Spinning 7'0" Rod 5"	84	84	Spinning-Rod	Hex	
6	6	Airex Uslan N. Medium 115 Spinning 6'0" ...	72	72	Spinning-Rod	Penta	
7	7	Amherst Scarborough 8653 3/2	102	92	Fly-Rod	Hex	
8	8	Anderson Don	78	78	Fly-Rod	Hex	
9	9	Anderson Don Dainty - 510/ 22	72	63	Banty-Fly-Rod	Hex	
10	10	Anderson Don Favorite - 510/52	93	83	Fly-Rod	Hex	
11	11	Anderson Don Spinning Rod	72	72	Spinning-Rod	Hex	
12	12	Baitcast 6'6"	78	68	Casting-Rod	Hex	
13	13	Baitcast 6'6" three bucktail.	78	68	Casting-Rod	Hex	
14	14	Baitcast 6'6" 3/8-1/2 lures smaller	78	68	Casting-Rod	Hex	
15	15	Barnes Four Sider 7052	84	74	Dry-Fly-Rod	Quad	
16	16	Bernard 7352	75	65	Fly-Rod	Hex	
17	17	Bernard 7643	90	80	Fly-Rod	Hex	
18	18	Bernard 7652	90	80	Fly-Rod	Hex	
19	19	Bogart Chris "Chilli Pepper" Banty	66	66	Banty-Fly-Rod	Hex	

Abbott Tim 2007 Challenge Rod 8' 0" 5wt 1p

Tim's "Paraverage Taper for 2007 Challenge Rod - listed in Issue 109 of The Planing form. It was built as a 1 pieced and Tim says it can be built as a 7' 6".

Stresses

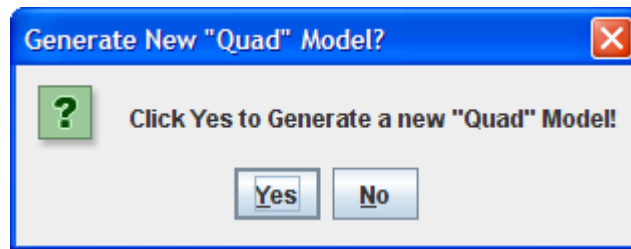
Stress (psi) vs Inches from Tip (Dimensions)

Dimensions

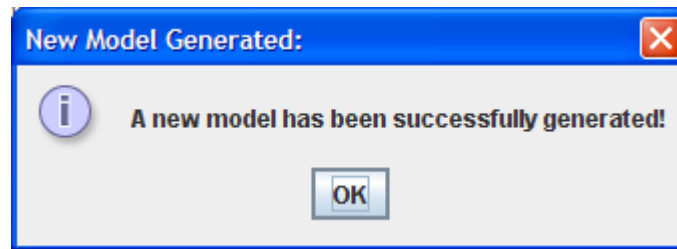
Diameter (inches) vs Inches from Tip (Dimensions)

Value/Guide Edits Not Saved

Convert to Hex to Quad



Taper Converted



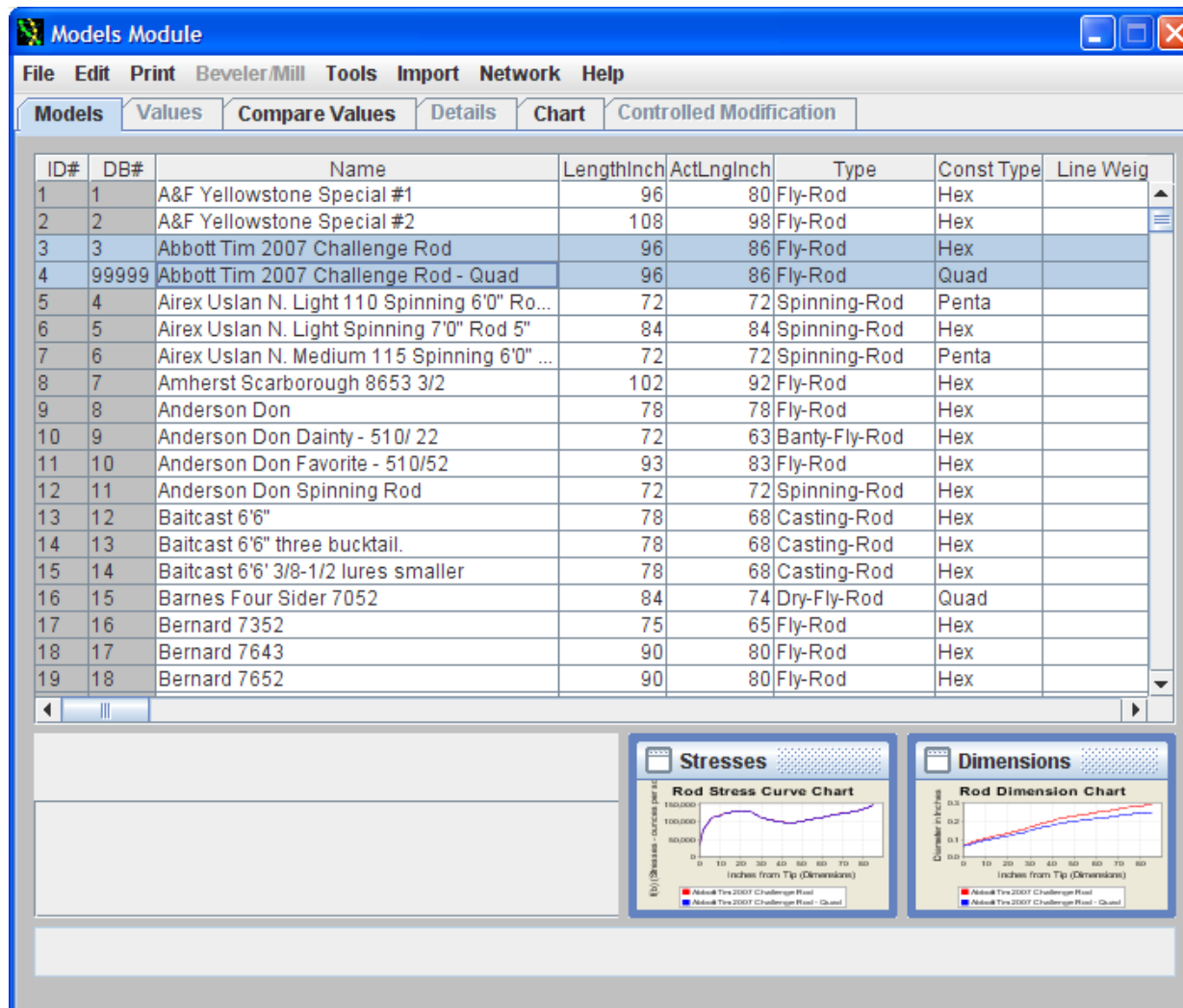
New Taper Entered

The screenshot shows the 'Models Module' software interface. The main window displays a table of fishing rods with columns for ID#, DB#, Name, LengthInch, ActLngInch, Type, Const Type, and Line Weig. The table lists 19 different rod models. Below the table, a detailed view for the selected rod 'Abbott Tim 2007 Challenge Rod[2]' is shown, indicating a length of 8' 0" and a weight of 5wt 1p.

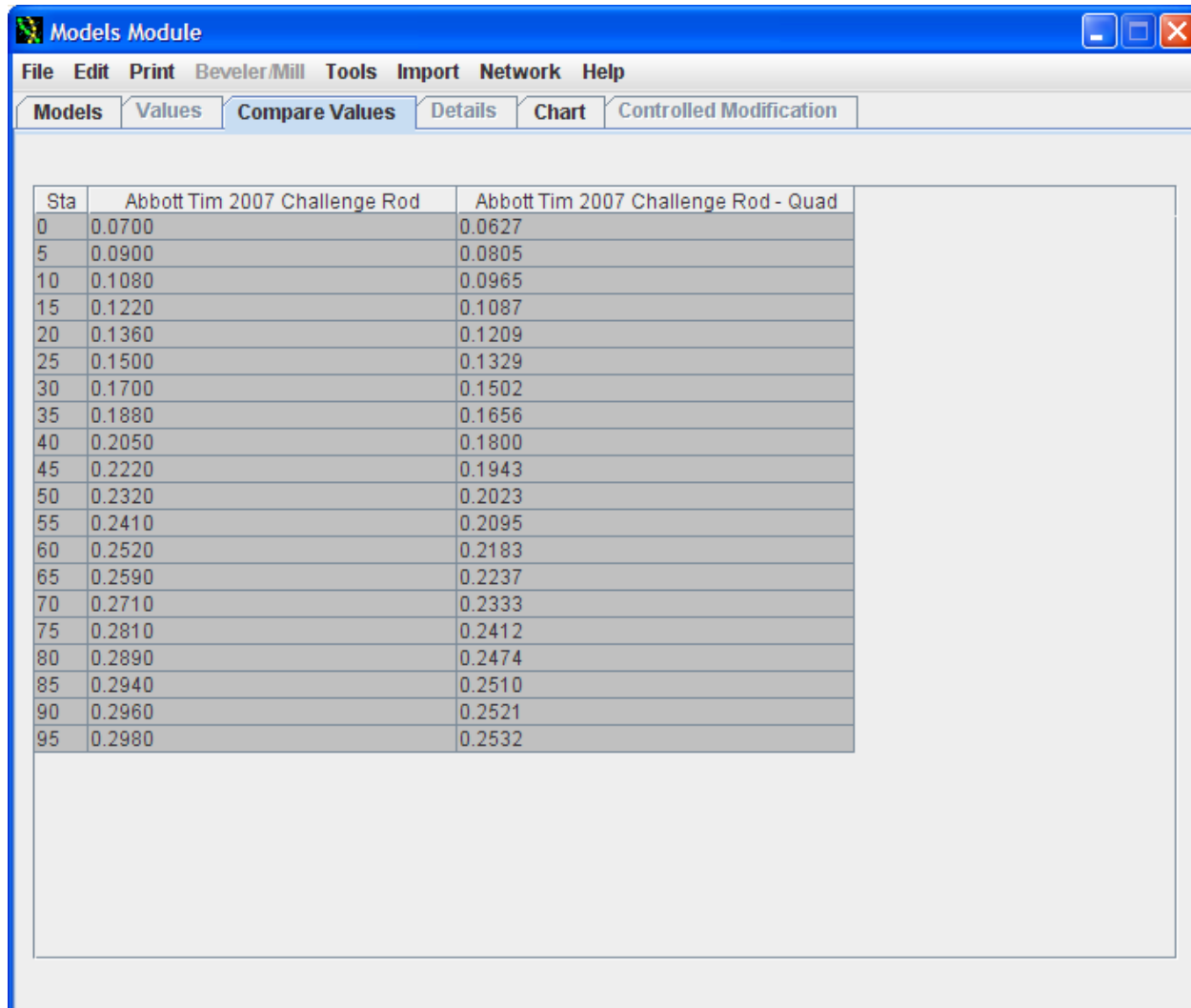
ID#	DB#	Name ▲	LengthInch	ActLngInch	Type	Const Type	Line Weig
1	1	A&F Yellowstone Special #1	96	80	Fly-Rod	Hex	
2	2	A&F Yellowstone Special #2	108	98	Fly-Rod	Hex	
4	3	Abbott Tim 2007 Challenge Rod	96	86	Fly-Rod	Hex	
3	99999	Abbott Tim 2007 Challenge Rod[2]	96	86	Fly-Rod	Quad	
5	4	Airex Uslan N. Light 110 Spinning 6'0" Ro...	72	72	Spinning-Rod	Penta	
6	5	Airex Uslan N. Light Spinning 7'0" Rod 5"	84	84	Spinning-Rod	Hex	
7	6	Airex Uslan N. Medium 115 Spinning 6'0" ...	72	72	Spinning-Rod	Penta	
8	7	Amherst Scarborough 8653 3/2	102	92	Fly-Rod	Hex	
9	8	Anderson Don	78	78	Fly-Rod	Hex	
10	9	Anderson Don Dainty - 510/ 22	72	63	Banty-Fly-Rod	Hex	
11	10	Anderson Don Favorite - 510/52	93	83	Fly-Rod	Hex	
12	11	Anderson Don Spinning Rod	72	72	Spinning-Rod	Hex	
13	12	Baitcast 6'6"	78	68	Casting-Rod	Hex	
14	13	Baitcast 6'6" three bucktail.	78	68	Casting-Rod	Hex	
15	14	Baitcast 6'6' 3/8-1/2 lures smaller	78	68	Casting-Rod	Hex	
16	15	Barnes Four Sider 7052	84	74	Dry-Fly-Rod	Quad	
17	16	Bernard 7352	75	65	Fly-Rod	Hex	
18	17	Bernard 7643	90	80	Fly-Rod	Hex	
19	18	Bernard 7652	90	80	Fly-Rod	Hex	

Abbott Tim 2007 Challenge Rod[2] 8' 0" 5wt 1p

Lets Compare The 2 Tapers

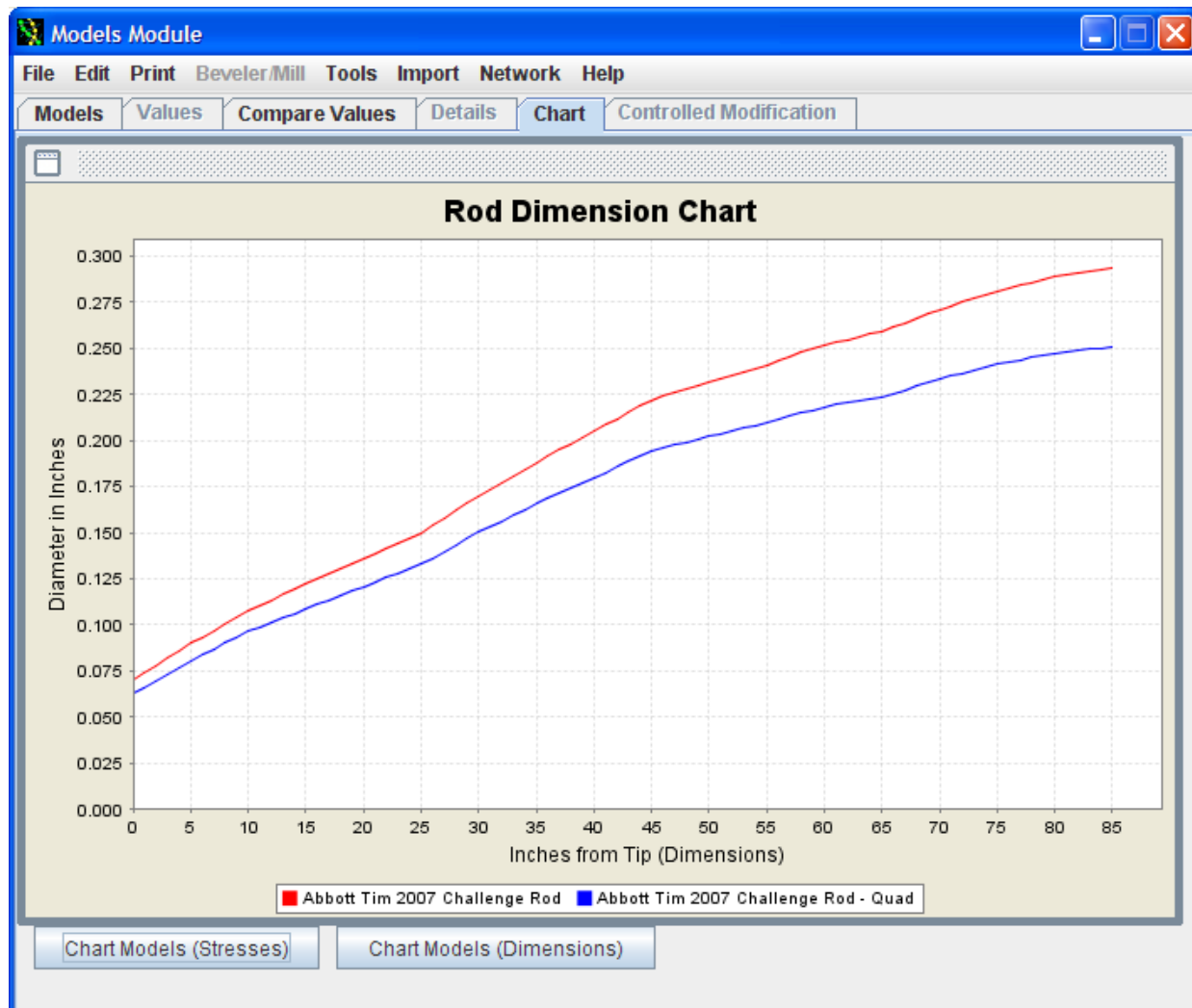


Station Values

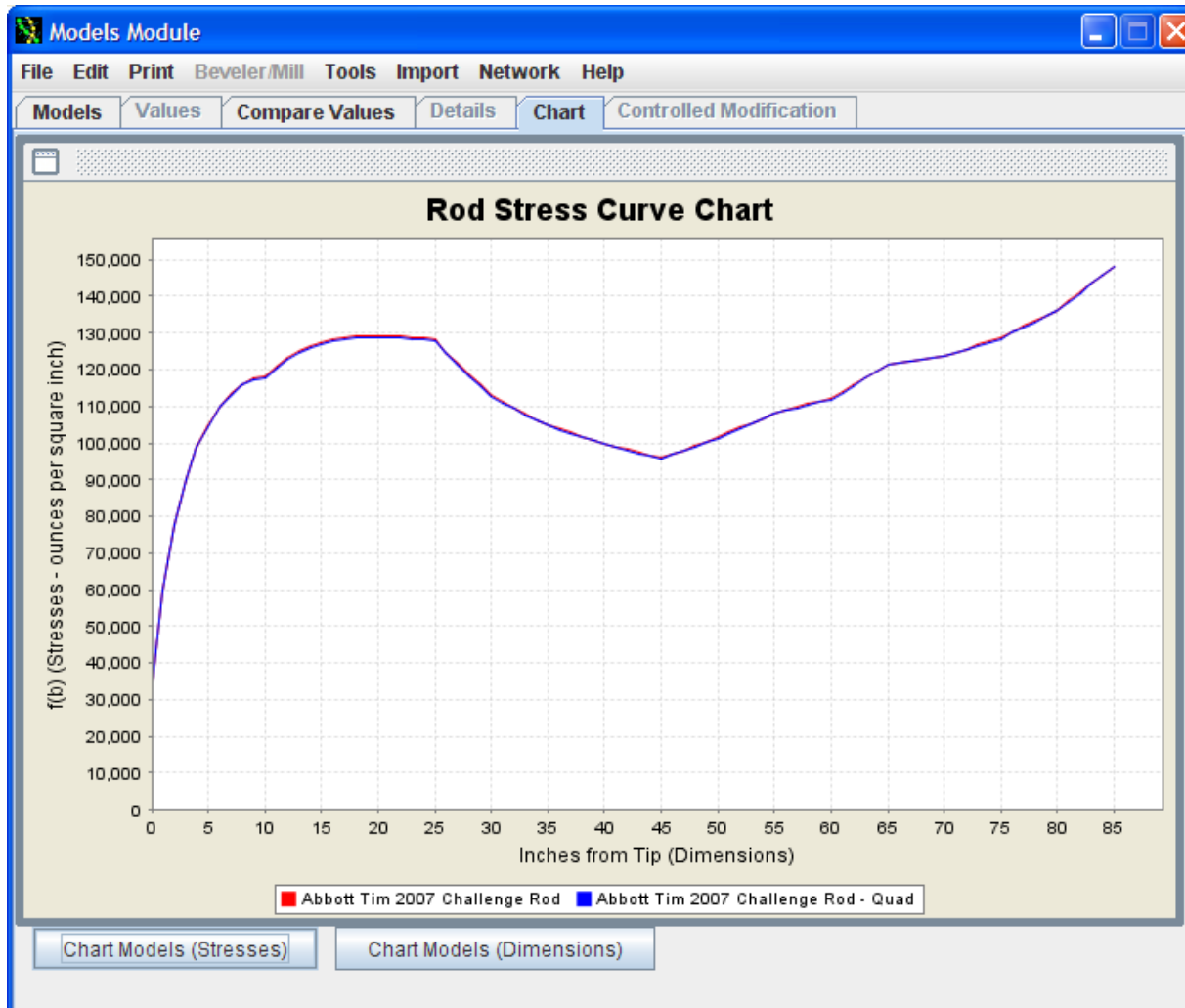


Sta	Abbott Tim 2007 Challenge Rod	Abbott Tim 2007 Challenge Rod - Quad
0	0.0700	0.0627
5	0.0900	0.0805
10	0.1080	0.0965
15	0.1220	0.1087
20	0.1360	0.1209
25	0.1500	0.1329
30	0.1700	0.1502
35	0.1880	0.1656
40	0.2050	0.1800
45	0.2220	0.1943
50	0.2320	0.2023
55	0.2410	0.2095
60	0.2520	0.2183
65	0.2590	0.2237
70	0.2710	0.2333
75	0.2810	0.2412
80	0.2890	0.2474
85	0.2940	0.2510
90	0.2960	0.2521
95	0.2980	0.2532

Dimension Graph



Stress Curves



Conversion Round Trip

6 → 4 → 5 → 6

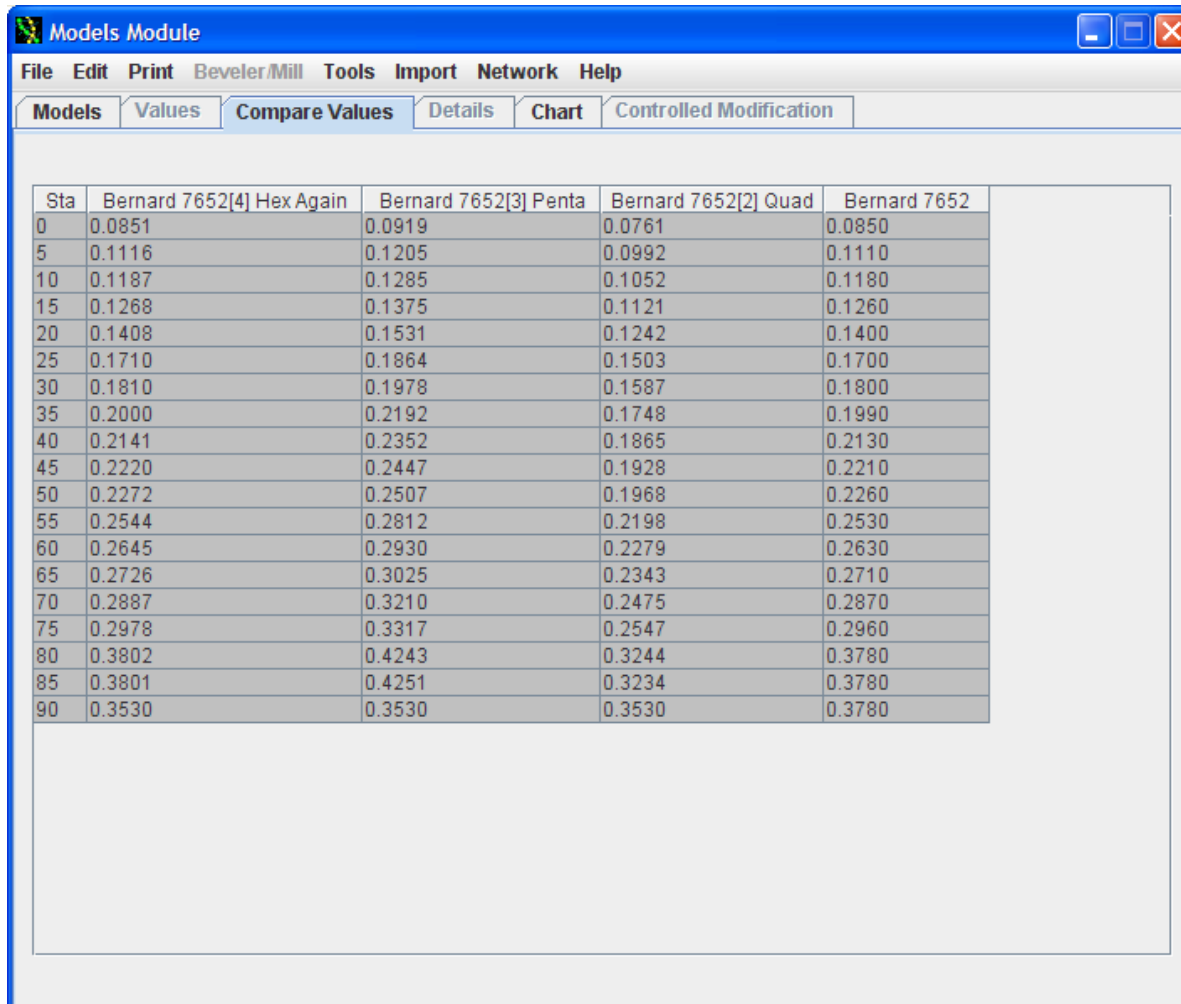
The screenshot shows the 'Models Module' software interface. The main window displays a table of fishing rods with columns for ID#, DB#, Name, LengthInch, ActLength, Type, Const Type, and Line Weig. Below the table are two charts: 'Rod Stress Curve Chart' and 'Rod Dimension Chart'. The stress chart shows stress in ounces per sq inch versus inches from the tip, with a peak around 40 inches. The dimension chart shows diameter in inches versus inches from the tip, showing a tapering effect.

ID#	DB#	Name	LengthInch	ActLength	Type	Const Type	Line Weig
12	12	Baitcast 6'6"	78	68	Casting-Rod	Hex	
13	13	Baitcast 6'6" three bucktail.	78	68	Casting-Rod	Hex	
14	14	Baitcast 6'6" 3/8-1/2 lures smaller	78	68	Casting-Rod	Hex	
15	15	Barnes Four Sider 7052	84	74	Dry-Fly-Rod	Quad	
16	16	Bernard 7352	75	65	Fly-Rod	Hex	
17	17	Bernard 7643	90	80	Fly-Rod	Hex	
18	99999	Bernard 7652[4] Hex Again	90	80	Fly-Rod	Hex	
19	99999	Bernard 7652[3] Penta	90	80	Fly-Rod	Penta	
20	99999	Bernard 7652[2] Quad	90	80	Fly-Rod	Quad	
21	18	Bernard 7652	90	80	Fly-Rod	Hex	
22	19	Bogart Chris "Chilli Pepper" Banty	66	66	Banty-Fly-Rod	Hex	
23	20	Bogart Chris "Fredrician" Fairy	96	96	Dry-Fly-Rod	Hex(Holl...	
24	21	Bogart Chris "Pinkie's Favorite"	84	84	Dry-Fly-Rod	Hex	
25	22	Bogart Chris 2007 Challenge Special	96	96	Dry-Fly-Rod	Hex	
26	23	Bogart Chris Blue Ridge Classic	84	84	Fly-Rod	Hex	
27	24	Bogart Chris Blue Ridge Pack Rod - 6' 6"	78	78	Fly-Rod	Hex	
28	25	Bogart Chris Blueridge Banty Rod	59	49	Dry-Fly-Rod	Hex	
29	26	Bogart Chris Classic Wet Fly Rod	102	92	Fly-Rod	Hex	
30	27	Bogart Chris Fairy Rod - 2-piece Version	90	81	Dry-Fly-Rod	Hex	

Stresses
Rod Stress Curve Chart
Stress - ounces per sq inch
Inches from Tip (Dimensions)

Dimensions
Rod Dimension Chart
Diameter - inches
Inches from Tip (Dimensions)

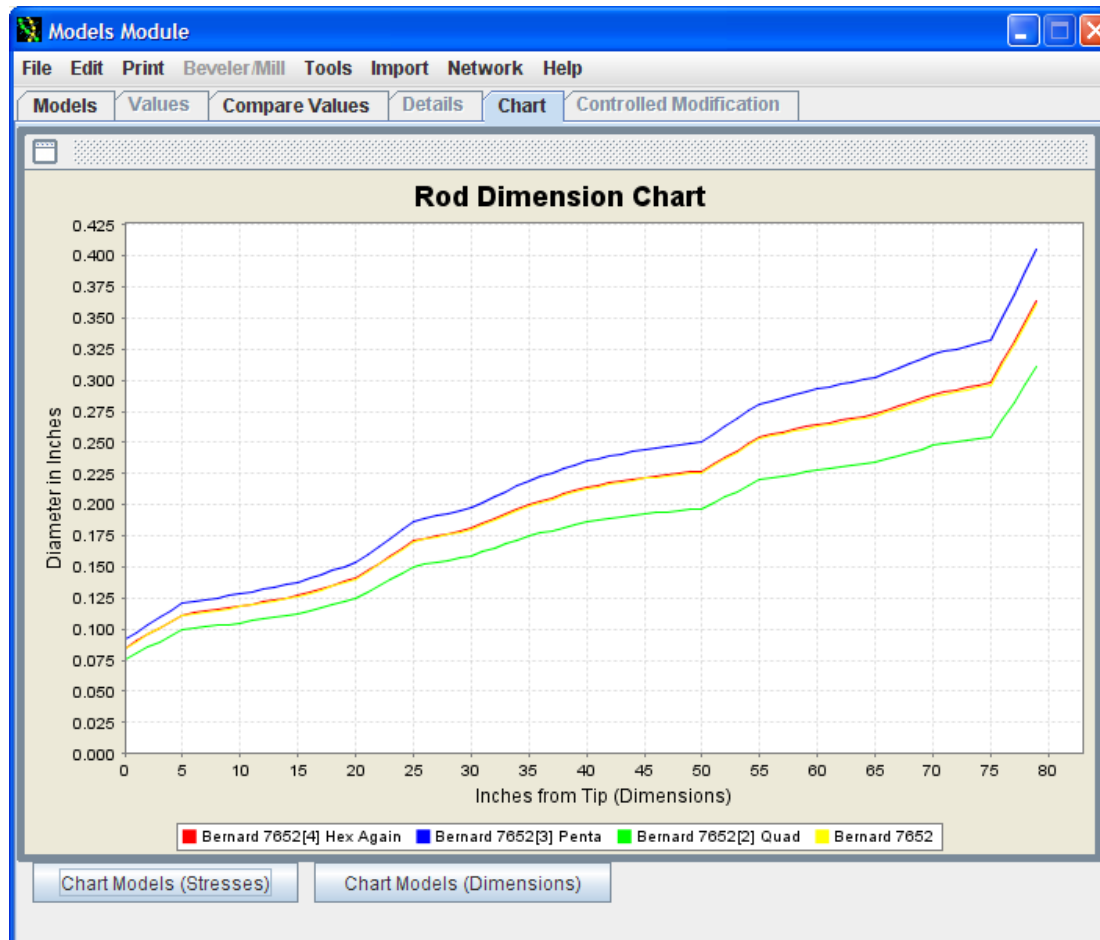
Compare Values



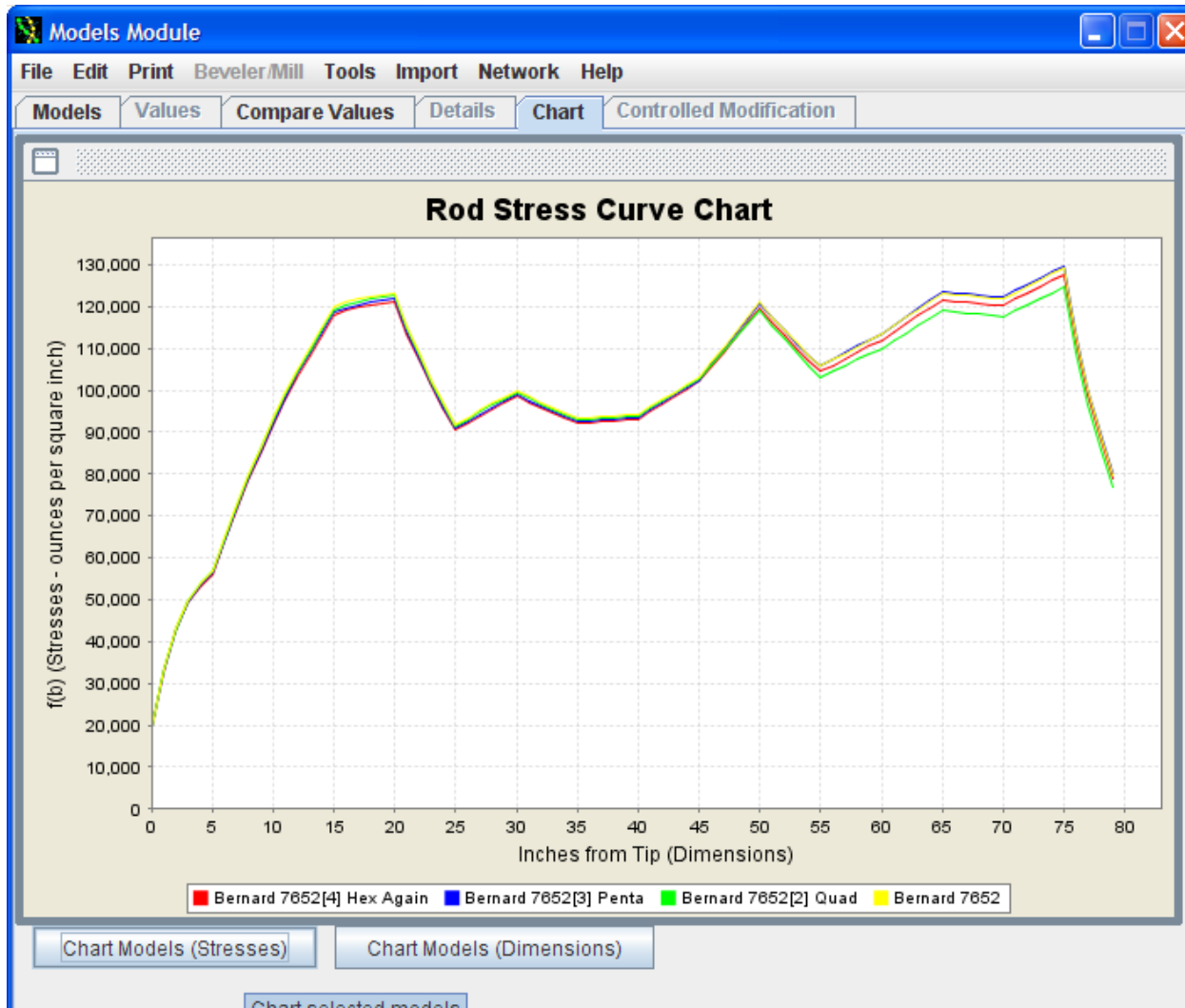
The screenshot shows a software window titled "Models Module" with a menu bar (File, Edit, Print, Beveler/Mill, Tools, Import, Network, Help) and a tabbed interface. The "Compare Values" tab is active, displaying a table with the following data:

Sta	Bernard 7652[4] Hex Again	Bernard 7652[3] Penta	Bernard 7652[2] Quad	Bernard 7652
0	0.0851	0.0919	0.0761	0.0850
5	0.1116	0.1205	0.0992	0.1110
10	0.1187	0.1285	0.1052	0.1180
15	0.1268	0.1375	0.1121	0.1260
20	0.1408	0.1531	0.1242	0.1400
25	0.1710	0.1864	0.1503	0.1700
30	0.1810	0.1978	0.1587	0.1800
35	0.2000	0.2192	0.1748	0.1990
40	0.2141	0.2352	0.1865	0.2130
45	0.2220	0.2447	0.1928	0.2210
50	0.2272	0.2507	0.1968	0.2260
55	0.2544	0.2812	0.2198	0.2530
60	0.2645	0.2930	0.2279	0.2630
65	0.2726	0.3025	0.2343	0.2710
70	0.2887	0.3210	0.2475	0.2870
75	0.2978	0.3317	0.2547	0.2960
80	0.3802	0.4243	0.3244	0.3780
85	0.3801	0.4251	0.3234	0.3780
90	0.3530	0.3530	0.3530	0.3780

Compare Dimensions



Compare Stress Curves



Line Weight Conversion (5 → 7)

Models Module

File Edit Print Beveler/Mill Tools Import Network Help

Models Values Compare Values Details Chart Controlled Modification

DB#	Name	LengthInch	ActLengthInch	Type	Const Type	Line Weight
1	A&F Yellowstone Special #1	96	80	Fly-Rod	Hex	3
2	A&F Yellowstone Special #2	108	98	Fly-Rod	Hex	6
3	Abbott Tim 2007 Challenge Rod	96	86	Fly-Rod	Hex	5
4	Airex Uslan N. Light 110 Spinning 6'0" Ro...	72	72	Spinning-Rod	Penta	5
5	Airex Uslan N. Light Spinning 7'0" Rod 5"	84	84	Spinning-Rod	Hex	5
6	Airex Uslan N. Medium 115 Spinning 6'0" ...	72	72	Spinning-Rod	Penta	6
7	Amherst Scarborough 8653 3/2	102	92	Fly-Rod	Hex	5
8	Anderson Don	78	78	Fly-Rod	Hex	5
9	Anderson Don Dainty - 510/ 22	72	63	Banty-Fly-Rod	Hex	2
10	Anderson Don Favorite - 510/52	93	83	Fly-Rod	Hex	5
11	Anderson Don Spinning Rod	72	72	Spinning-Rod	Hex	5
12	Baitcast 6'6"	78	68	Casting-Rod	Hex	4
13	Baitcast 6'6" three bucktail.	78	68	Casting-Rod	Hex	4
14	Baitcast 6'6' 3/8-1/2 lures smaller	78	68	Casting-Rod	Hex	4
15	Barnes Four Sider 7052	84	74	Dry-Fly-Rod	Quad	5
16	Bernard 7352	75	65	Fly-Rod	Hex	5
17	Bernard 7643	90	80	Fly-Rod	Hex	4
18	Bernard 7652	90	80	Fly-Rod	Hex	5
19	Bogart Chris "Chilli Pepper" Banty	66	66	Banty-Fly-Rod	Hex	4

Anderson Don Favorite - 510/52 7' 9" 5wt 2p

Taper taken from Ray Gould's "Cane Rods Tips & Tapers" Page 52.

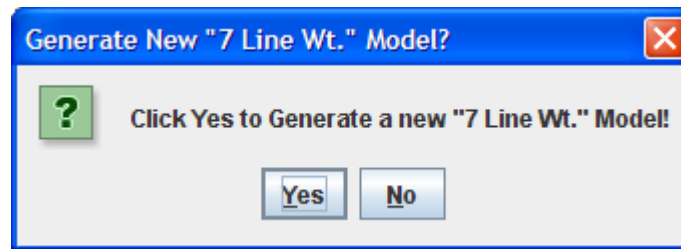
Stresses

Rod Stress Curve Chart

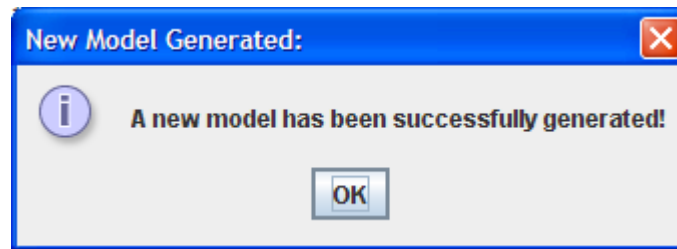
Dimensions

Rod Dimension Chart

Taper Conversion



Taper Converted



Compare The Tapers

Models Module

File Edit Print Beveler/Mill Tools Import Network Help

Models Values Compare Values Details Chart Controlled Modification

DB#	Name	LengthInch	ActLngInch	Type	Const Type	Line Weight
1	A&F Yellowstone Special #1	96	80	Fly-Rod	Hex	3
2	A&F Yellowstone Special #2	108	98	Fly-Rod	Hex	6
3	Abbott Tim 2007 Challenge Rod	96	86	Fly-Rod	Hex	5
4	Airex Uslan N. Light 110 Spinning 6'0" Ro...	72	72	Spinning-Rod	Penta	5
5	Airex Uslan N. Light Spinning 7'0" Rod 5"	84	84	Spinning-Rod	Hex	5
6	Airex Uslan N. Medium 115 Spinning 6'0" ...	72	72	Spinning-Rod	Penta	6
7	Amherst Scarborough 8653 3/2	102	92	Fly-Rod	Hex	5
8	Anderson Don	78	78	Fly-Rod	Hex	5
9	Anderson Don Dainty - 510/ 22	72	63	Banty-Fly-Rod	Hex	2
99999	Anderson Don Favorite - 510/52[2]	93	83	Fly-Rod	Hex	7
10	Anderson Don Favorite - 510/52	93	83	Fly-Rod	Hex	5
11	Anderson Don Spinning Rod	72	72	Spinning-Rod	Hex	5
12	Baitcast 6'6"	78	68	Casting-Rod	Hex	4
13	Baitcast 6'6" three bucktail.	78	68	Casting-Rod	Hex	4
14	Baitcast 6'6" 3/8-1/2 lures smaller	78	68	Casting-Rod	Hex	4
15	Barnes Four Sider 7052	84	74	Dry-Fly-Rod	Quad	5
16	Bernard 7352	75	65	Fly-Rod	Hex	5
17	Bernard 7643	90	80	Fly-Rod	Hex	4
18	Bernard 7652	90	80	Fly-Rod	Hex	5

Stresses

Rod Stress Curve Chart

Y-axis: Stress - pounds per sq. in. (0 to 140,000)
X-axis: Inches from Tip (Dimensions) (0 to 80)

Legend:
■ Anderson Don Favorite - 510/52[2]
■ Anderson Don Favorite - 510/52

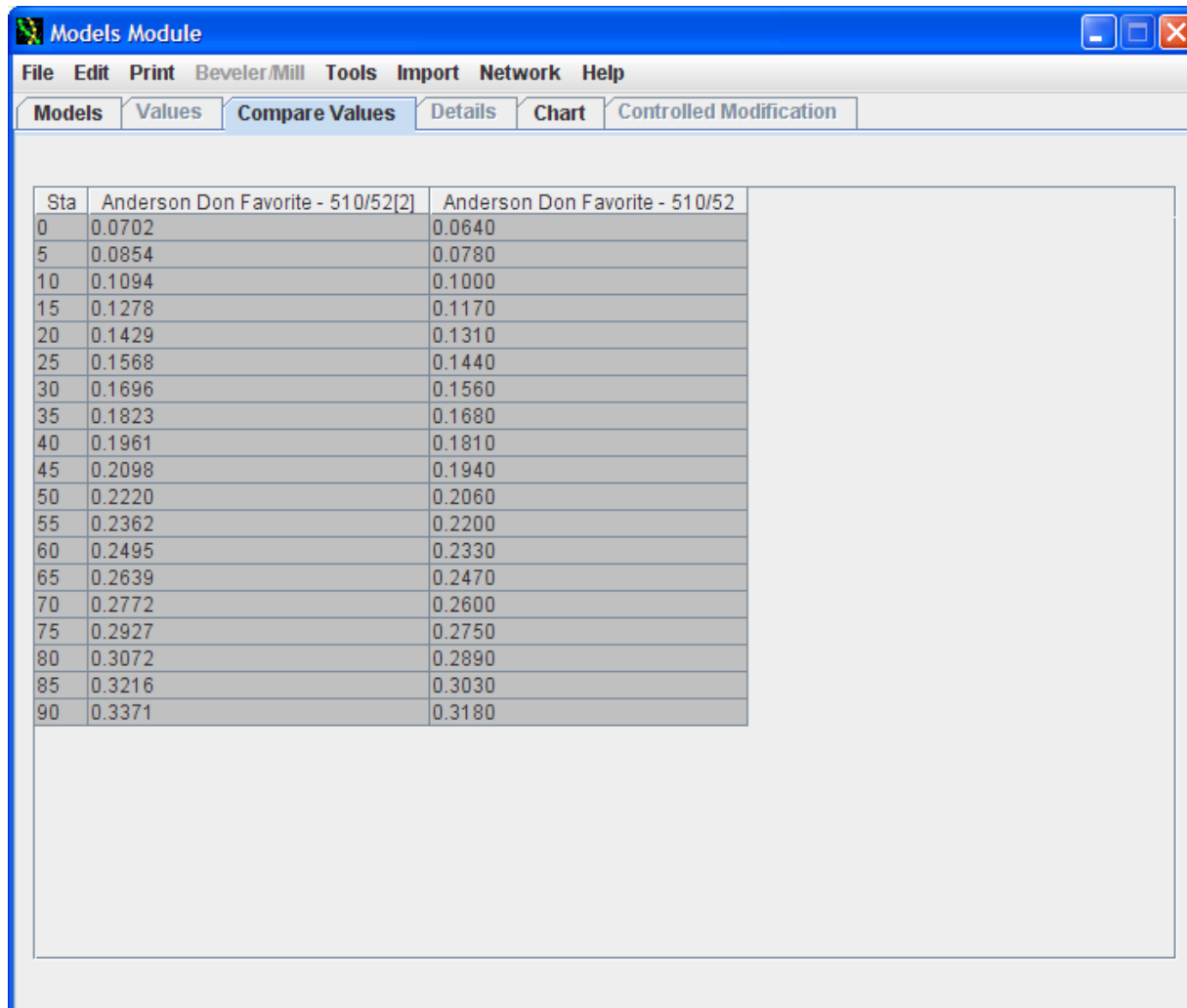
Dimensions

Rod Dimension Chart

Y-axis: Diameter in Inches (0.0 to 0.3)
X-axis: Inches from Tip (Dimensions) (0 to 80)

Legend:
■ Anderson Don Favorite - 510/52[2]
■ Anderson Don Favorite - 510/52

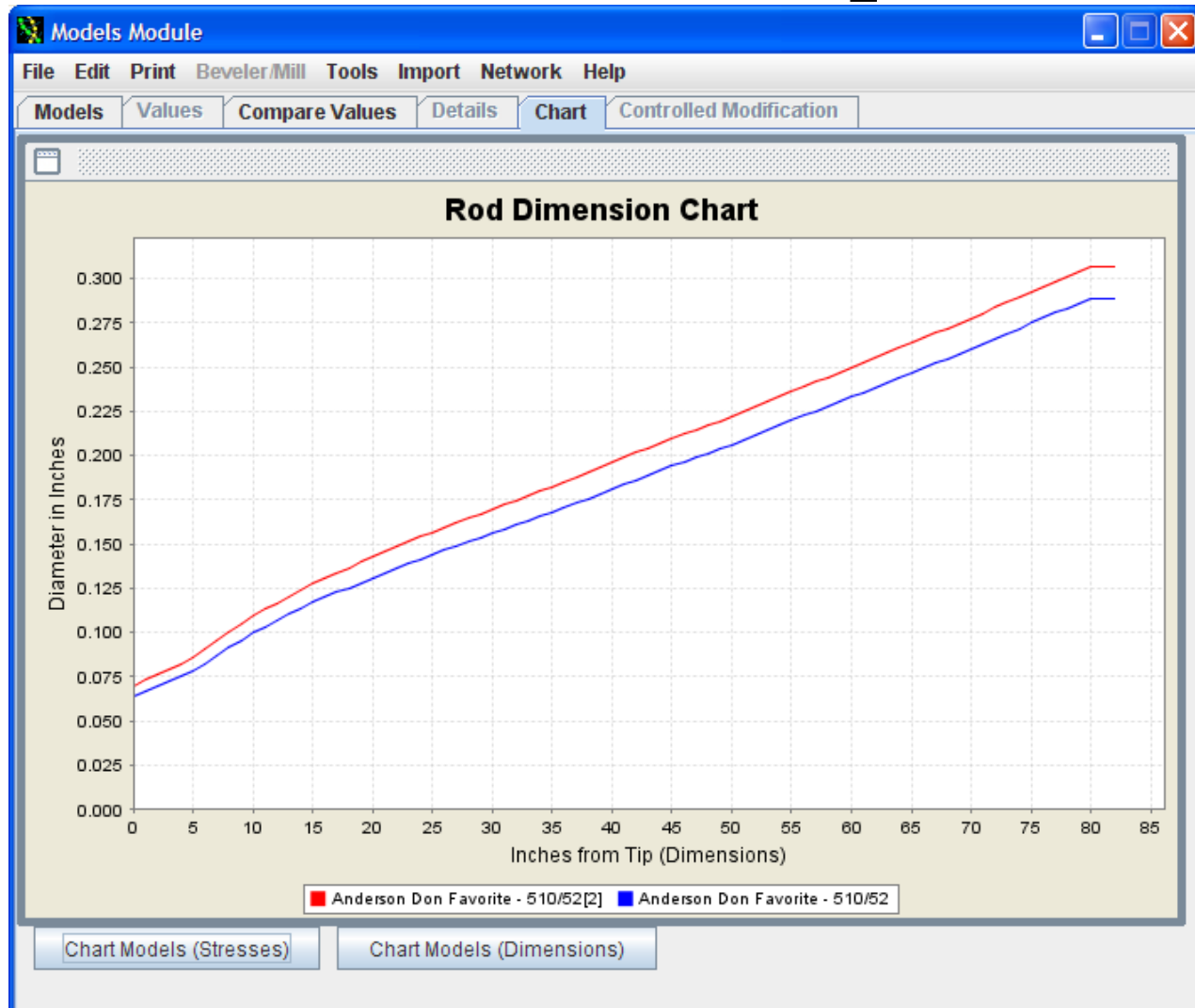
Compare Values



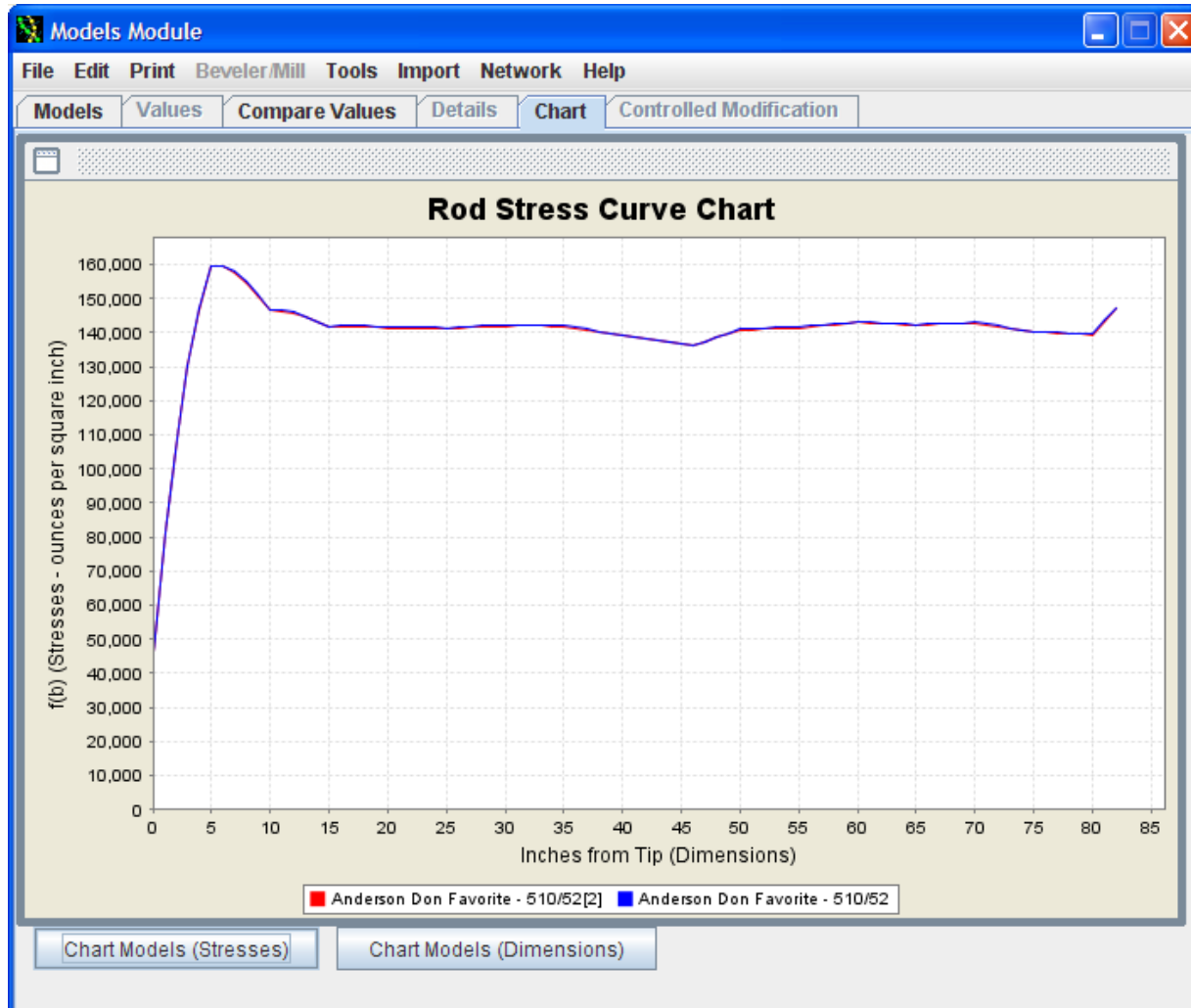
The screenshot shows a software window titled "Models Module" with a menu bar (File, Edit, Print, Beveler/Mill, Tools, Import, Network, Help) and a tabbed interface. The "Compare Values" tab is active, displaying a table with the following data:

Sta	Anderson Don Favorite - 510/52[2]	Anderson Don Favorite - 510/52
0	0.0702	0.0640
5	0.0854	0.0780
10	0.1094	0.1000
15	0.1278	0.1170
20	0.1429	0.1310
25	0.1568	0.1440
30	0.1696	0.1560
35	0.1823	0.1680
40	0.1961	0.1810
45	0.2098	0.1940
50	0.2220	0.2060
55	0.2362	0.2200
60	0.2495	0.2330
65	0.2639	0.2470
70	0.2772	0.2600
75	0.2927	0.2750
80	0.3072	0.2890
85	0.3216	0.3030
90	0.3371	0.3180

Dimension Graph



Stress Curves



RodDNA Summary

- Important upgrade
- Removes necessity for being connected to network and annoying pop-up when not
- New Database & Tapers
- New Rod Geometries added
- Maintains same stress curve for conversions
- New conversion for geometry & line weight