

# TITAN 101

TAKE  
NUMBER  
1

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET
0 JUMP .84	0 94.86	0 189.56	0 284.26	0 378.96	0 473.66	0 568.35	0 663.05	0 757.76	0 852.45	0 947.15	0 1,041.85	0 1,136.55	0 1,231.25
1/4 2.82	1/4 96.83	1/4 191.53	1/4 286.23	1/4 380.93	1/4 475.63	1/4 570.33	1/4 665.03	1/4 759.73	1/4 854.43	1/4 949.13	1/4 1,043.83	1/4 1,138.52	1/4 1,233.22
1/2 4.79	1/2 98.81	1/2 193.51	1/2 288.20	1/2 382.90	1/2 477.60	1/2 572.30	1/2 667.00	1/2 761.70	1/2 856.40	1/2 951.10	1/2 1,045.80	1/2 1,140.50	1/2 1,235.20
3/4 6.76	3/4 100.78	3/4 195.48	3/4 290.18	3/4 384.88	3/4 479.58	3/4 574.28	3/4 668.97	3/4 763.67	3/4 858.37	3/4 953.07	3/4 1,047.77	3/4 1,142.47	3/4 1,237.17
1 8.74	1 102.75	1 197.45	1 292.15	1 386.85	1 481.55	1 576.25	1 670.95	1 765.65	1 860.35	1 955.05	1 1,049.74	1 1,144.44	1 1,239.14
1 10.71	1 104.73	1 199.42	1 294.12	1 388.82	1 483.52	1 578.22	1 672.92	1 767.62	1 862.32	1 957.02	1 1,051.72	1 1,146.42	1 1,241.12
1 12.68	1 106.70	1 201.40	1 296.10	1 390.80	1 485.49	1 580.19	1 674.89	1 769.59	1 864.29	1 958.99	1 1,053.69	1 1,148.39	1 1,243.09
1 14.65	1 108.67	1 203.37	1 298.07	1 392.77	1 487.47	1 582.17	1 676.87	1 771.57	1 866.27	1 960.97	1 1,055.65	1 1,150.35	1 1,245.05
2 16.63	2 110.64	2 205.34	2 300.04	2 394.74	2 489.44	2 584.14	2 678.84	2 773.54	2 868.24	2 962.94	2 1,057.64	2 1,152.34	2 1,247.04
2 18.60	2 112.62	2 207.32	2 302.02	2 396.71	2 491.41	2 586.11	2 680.81	2 775.51	2 870.21	2 964.91	2 1,059.61	2 1,154.31	2 1,249.01
2 20.57	2 114.59	2 209.29	2 303.99	2 398.69	2 493.39	2 588.09	2 682.79	2 777.49	2 872.19	2 966.89	2 1,061.59	2 1,156.29	2 1,250.99
2 22.55	2 116.56	2 211.26	2 305.96	2 400.65	2 495.35	2 590.05	2 684.76	2 779.46	2 874.16	2 968.86	2 1,063.55	2 1,158.25	2 1,252.85
3 24.52	3 118.54	3 213.23	3 307.93	3 402.63	3 497.33	3 592.03	3 686.73	3 781.43	3 876.13	3 970.83	3 1,065.53	3 1,160.23	3 1,256.73
3 26.49	3 120.51	3 215.21	3 309.91	3 404.61	3 499.31	3 594.01	3 688.70	3 783.40	3 878.10	3 972.80	3 1,067.50	3 1,162.20	3 1,258.60
3 28.46	3 122.48	3 217.18	3 311.88	3 406.58	3 501.28	3 595.98	3 690.68	3 785.38	3 880.07	3 974.77	3 1,069.47	3 1,164.17	3 1,260.47
3 30.44	3 124.45	3 219.15	3 313.85	3 408.55	3 503.25	3 597.95	3 692.65	3 787.35	3 882.05	3 976.75	3 1,071.45	3 1,166.15	3 1,262.35
4 32.41	4 126.43	4 221.13	4 315.83	4 410.52	4 505.22	4 599.92	4 694.62	4 789.32	4 884.02	4 978.72	4 1,073.42	4 1,168.12	4 1,264.23
4 34.33	4 128.40	4 223.10	4 317.80	4 412.50	4 507.20	4 601.90	4 696.60	4 791.29	4 885.99	4 980.69	4 1,075.39	4 1,170.09	4 1,266.13
4 36.24	4 130.37	4 225.07	4 319.77	4 414.47	4 509.17	4 603.87	4 698.57	4 793.27	4 887.97	4 982.67	4 1,077.36	4 1,172.06	4 1,268.03
4 38.16	4 132.35	4 227.05	4 321.74	4 416.44	4 511.14	4 605.84	4 700.54	4 795.24	4 889.94	4 984.64	4 1,079.34	4 1,174.04	4 1,269.93
5 40.07	5 134.32	5 229.02	5 323.72	5 418.42	5 513.12	5 607.81	5 702.51	5 797.21	5 891.91	5 986.61	5 1,081.31	5 1,176.01	5 1,271.71
5 41.99	5 136.29	5 230.99	5 325.69	5 420.39	5 515.09	5 609.79	5 704.49	5 799.19	5 893.89	5 988.59	5 1,083.28	5 1,177.98	5 1,273.67
5 43.91	5 138.26	5 232.96	5 327.65	5 422.36	5 517.06	5 611.76	5 706.46	5 801.16	5 895.86	5 990.56	5 1,085.26	5 1,179.96	5 1,275.57
5 45.82	5 140.24	5 234.94	5 329.64	5 424.34	5 519.03	5 613.73	5 708.43	5 803.13	5 897.83	5 992.53	5 1,087.23	5 1,181.93	5 1,277.47
6 47.74	6 142.21	6 236.91	6 331.61	6 426.31	6 521.01	6 615.71	6 710.41	6 805.11	6 899.80	6 994.50	6 1,089.20	6 1,183.90	6 1,279.37
6 49.65	6 144.18	6 238.88	6 333.58	6 428.28	6 522.98	6 617.68	6 712.38	6 807.08	6 901.78	6 996.48	6 1,091.18	6 1,185.87	6 1,281.27
6 51.57	6 146.16	6 240.85	6 335.55	6 430.25	6 524.95	6 619.65	6 714.35	6 809.05	6 903.75	6 999.45	6 1,093.15	6 1,187.85	6 1,283.17
6 53.49	6 148.13	6 242.83	6 337.53	6 432.23	6 526.93	6 621.63	6 716.32	6 811.02	6 905.72	6 1,000.42	6 1,095.12	6 1,189.82	6 1,285.07
7 55.40	7 150.10	7 244.80	7 339.50	7 434.20	7 528.90	7 623.60	7 718.30	7 813.00	7 907.70	7 1,002.39	7 1,097.09	7 1,191.79	7 1,286.97
7 57.38	7 152.07	7 246.77	7 341.47	7 436.17	7 530.87	7 625.57	7 720.27	7 814.97	7 909.67	7 1,004.37	7 1,099.07	7 1,193.77	7 1,288.87
7 59.35	7 154.05	7 248.75	7 343.45	7 438.15	7 532.84	7 627.54	7 722.24	7 816.94	7 911.64	7 1,005.34	7 1,101.04	7 1,195.74	7 1,290.77
7 61.32	7 156.02	7 250.72	7 345.42	7 440.12	7 534.82	7 629.52	7 724.22	7 818.92	7 913.61	7 1,006.31	7 1,103.01	7 1,197.71	7 1,292.67
8 63.29	8 157.99	8 252.69	8 347.39	8 442.09	8 536.79	8 631.49	8 726.19	8 820.89	8 915.59	8 1,010.29	8 1,104.99	8 1,199.69	8 1,294.57
8 65.27	8 159.97	8 254.67	8 349.35	8 444.05	8 538.76	8 633.45	8 728.16	8 822.85	8 917.55	8 1,012.25	8 1,106.95	8 1,201.65	8 1,296.47
8 67.24	8 161.94	8 256.64	8 351.34	8 446.04	8 540.74	8 635.44	8 730.13	8 824.83	8 919.53	8 1,014.23	8 1,108.93	8 1,203.63	8 1,298.37
8 69.21	8 163.91	8 258.61	8 353.31	8 448.01	8 542.71	8 637.41	8 732.11	8 826.81	8 921.51	8 1,016.21	8 1,110.90	8 1,205.60	8 1,300.27
9 71.19	9 165.89	9 260.58	9 355.28	9 449.98	9 544.68	9 639.38	9 734.08	9 828.78	9 923.48	9 1,018.18	9 1,112.88	9 1,207.58	9 1,302.17
9 73.16	9 167.85	9 262.56	9 357.26	9 451.96	9 546.65	9 641.35	9 736.05	9 830.75	9 925.45	9 1,020.15	9 1,114.85	9 1,209.55	9 1,304.07
9 75.13	9 169.83	9 264.53	9 359.23	9 453.93	9 548.63	9 643.33	9 738.03	9 832.73	9 927.42	9 1,022.12	9 1,116.82	9 1,211.52	9 1,305.97
9 77.10	9 171.80	9 266.50	9 361.20	9 455.90	9 550.60	9 645.30	9 740.00	9 834.70	9 929.40	9 1,024.10	9 1,118.80	9 1,213.50	9 1,307.87
10 79.08	10 173.78	10 268.48	10 363.18	10 457.87	10 552.57	10 647.27	10 741.97	10 836.67	10 931.37	10 1,026.07	10 1,120.77	10 1,215.47	10 1,309.77
10 81.05	10 175.75	10 270.45	10 365.15	10 459.85	10 554.55	10 649.25	10 743.94	10 838.64	10 933.34	10 1,028.04	10 1,122.74	10 1,217.44	10 1,311.67
10 83.02	10 177.72	10 272.42	10 367.12	10 461.82	10 556.52	10 651.22	10 745.92	10 840.62	10 935.32	10 1,030.02	10 1,124.71	10 1,219.41	10 1,313.57
10 85.00	10 179.70	10 274.39	10 369.09	10 463.79	10 558.49	10 653.19	10 747.89	10 842.59	10 937.29	10 1,031.99	10 1,126.69	10 1,221.39	10 1,315.47
11 86.97	11 181.67	11 276.37	11 371.07	11 465.77	11 560.47	11 655.16	11 749.86	11 844.56	11 939.26	11 1,033.96	11 1,128.66	11 1,223.36	11 1,317.37
11 88.94	11 183.64	11 278.34	11 373.04	11 467.74	11 562.44	11 657.14	11 751.84	11 846.54	11 941.23	11 1,035.93	11 1,130.63	11 1,225.33	11 1,319.27
11 90.91	11 185.61	11 280.31	11 375.01	11 469.71	11 564.41	11 659.11	11 753.81	11 848.51	11 943.21	11 1,037.91	11 1,132.61	11 1,227.31	11 1,321.17
11 92.89	11 187.59	11 282.29	11 376.99	11 471.69	11 566.39	11 661.09	11 755.78	11 850.48	11 945.18	11 1,039.89	11 1,134.59	11 1,229.29	11 1,323.07

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-1" (RIM OF HATCH, OPPOSITE HINGE)

CALIBRATED: 9/27/69

H. Sauter

14	1,290.26
15	1,292.16
16	1,294.06

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN!

0	FEET	1	FEET	2	FEET	3	FEET	4	FEET	5	FEET	6	FEET	7	FEET	8	FEET	9	FEET	10	FEET	11	FEET	12	FEET	13	FEET
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0.84	0	95.17	0	190.18	0	285.19	0	380.20	0	475.22	0	570.23	0	665.24	0	760.25	0	855.26	0	950.27	0	1,045.28	0	1,140.29	0	1,235.30
1/4	2.82	1/4	97.15	1/4	192.16	1/4	287.17	1/4	382.18	1/4	477.19	1/4	572.21	1/4	667.22	1/4	762.23	1/4	857.24	1/4	952.25	1/4	1,047.26	1/4	1,142.27	1/4	1,237.28
1/2	4.80	1/2	99.13	1/2	194.14	1/2	289.15	1/2	384.16	1/2	479.17	1/2	574.19	1/2	669.20	1/2	764.21	1/2	859.22	1/2	954.23	1/2	1,049.24	1/2	1,144.25	1/2	1,239.26
3/4	6.78	3/4	101.11	3/4	196.12	3/4	291.13	3/4	386.14	3/4	481.15	3/4	576.15	3/4	671.18	3/4	766.19	3/4	861.20	3/4	956.21	3/4	1,051.22	3/4	1,146.23	3/4	1,241.24
1	8.76	1	103.09	1	198.10	1	293.11	1	388.12	1	483.13	1	578.14	1	673.16	1	768.17	1	863.18	1	958.19	1	1,053.20	1	1,148.21	1	1,243.22
1/4	10.74	1/4	105.07	1/4	200.08	1/4	295.09	1/4	390.10	1/4	485.11	1/4	580.12	1/4	675.13	1/4	770.15	1/4	865.16	1/4	960.17	1/4	1,055.18	1/4	1,150.19	1/4	1,245.20
1/2	12.72	1/2	107.05	1/2	202.06	1/2	297.07	1/2	392.08	1/2	487.09	1/2	582.10	1/2	677.11	1/2	772.13	1/2	867.14	1/2	962.15	1/2	1,057.16	1/2	1,152.17	1/2	1,247.18
3/4	14.70	3/4	109.03	3/4	204.04	3/4	299.05	3/4	394.06	3/4	489.07	3/4	584.08	3/4	679.09	3/4	774.10	3/4	869.12	3/4	964.13	3/4	1,059.14	3/4	1,154.15	3/4	1,249.16
2	16.68	2	111.01	2	206.02	2	301.03	2	396.04	2	491.05	2	586.06	2	681.07	2	776.08	2	871.10	2	966.11	2	1,061.12	2	1,156.13	2	1,251.14
1/4	18.66	1/4	112.98	1/4	208.00	1/4	303.01	1/4	398.02	1/4	493.03	1/4	588.04	1/4	683.05	1/4	778.06	1/4	873.07	1/4	968.09	1/4	1,063.10	1/4	1,158.11	1/4	1,253.15
1/2	20.64	1/2	114.96	1/2	209.98	1/2	304.99	1/2	400.00	1/2	495.01	1/2	590.02	1/2	685.03	1/2	780.04	1/2	875.05	1/2	970.07	1/2	1,065.08	1/2	1,160.09	1/2	1,255.16
3/4	22.62	3/4	116.94	3/4	211.95	3/4	306.97	3/4	401.98	3/4	496.99	3/4	592.00	3/4	687.01	3/4	782.02	3/4	877.03	3/4	972.04	3/4	1,067.06	3/4	1,162.07	3/4	1,255.98
3	24.60	3	118.92	3	213.93	3	308.95	3	403.96	3	498.97	3	593.98	3	688.99	3	784.00	3	879.01	3	974.02	3	1,069.04	3	1,164.05	3	1,259.06
1/4	26.58	1/4	120.90	1/4	215.91	1/4	310.92	1/4	405.94	1/4	500.95	1/4	595.96	1/4	690.97	1/4	785.98	1/4	880.99	1/4	976.00	1/4	1,071.01	1/4	1,166.03	1/4	1,260.74
1/2	28.56	1/2	122.88	1/2	217.89	1/2	312.90	1/2	407.92	1/2	502.93	1/2	597.94	1/2	692.95	1/2	787.96	1/2	882.97	1/2	977.98	1/2	1,072.99	1/2	1,168.01	1/2	1,262.62
3/4	30.54	3/4	124.86	3/4	219.87	3/4	314.88	3/4	409.89	3/4	504.91	3/4	599.92	3/4	694.93	3/4	789.94	3/4	884.95	3/4	979.96	3/4	1,074.97	3/4	1,169.98	3/4	1,264.30
4	32.51	4	126.84	4	221.85	4	316.86	4	411.87	4	505.89	4	601.90	4	696.91	4	791.92	4	886.93	4	981.94	4	1,076.95	4	1,171.96	4	1,265.99
1/4	34.49	1/4	128.82	1/4	223.83	1/4	318.84	1/4	413.85	1/4	508.86	1/4	603.88	1/4	698.89	1/4	793.90	1/4	888.91	1/4	983.92	1/4	1,078.93	1/4	1,173.94	1/4	1,267.67
1/2	35.46	1/2	130.80	1/2	225.81	1/2	320.82	1/2	415.83	1/2	510.84	1/2	605.86	1/2	700.87	1/2	795.88	1/2	890.89	1/2	985.90	1/2	1,080.91	1/2	1,175.92	1/2	1,269.35
3/4	38.28	3/4	132.78	3/4	227.79	3/4	322.80	3/4	417.81	3/4	512.82	3/4	607.83	3/4	702.85	3/4	797.86	3/4	892.87	3/4	987.88	3/4	1,082.89	3/4	1,177.90	3/4	1,270.03
5	40.20	5	134.76	5	229.77	5	324.78	5	419.79	5	514.80	5	609.81	5	704.83	5	799.84	5	894.85	5	989.86	5	1,084.87	5	1,179.88	5	1,272.32
1/4	42.13	1/4	135.74	1/4	231.75	1/4	326.76	1/4	421.77	1/4	516.78	1/4	611.79	1/4	706.80	1/4	801.82	1/4	896.83	1/4	991.84	1/4	1,086.85	1/4	1,181.86	1/4	1,273.07
1/2	44.05	1/2	138.72	1/2	233.73	1/2	328.74	1/2	423.75	1/2	518.76	1/2	613.77	1/2	708.78	1/2	803.80	1/2	898.81	1/2	993.82	1/2	1,088.83	1/2	1,183.84	1/2	1,275.29
3/4	45.97	3/4	140.70	3/4	235.71	3/4	330.72	3/4	425.73	3/4	520.74	3/4	615.75	3/4	710.76	3/4	805.77	3/4	900.79	3/4	995.80	3/4	1,090.81	3/4	1,185.82	3/4	1,276.57
6	47.89	6	142.68	6	237.69	6	332.70	6	427.71	6	522.72	6	617.73	6	712.74	6	807.75	6	902.77	6	997.78	6	1,092.79	6	1,187.80	6	1,277.85
1/4	49.82	1/4	144.66	1/4	239.67	1/4	334.68	1/4	429.69	1/4	524.70	1/4	619.71	1/4	714.72	1/4	809.73	1/4	904.74	1/4	999.75	1/4	1,094.77	1/4	1,189.78	1/4	1,279.15
1/2	51.74	1/2	146.63	1/2	241.65	1/2	336.66	1/2	431.67	1/2	526.68	1/2	621.69	1/2	716.70	1/2	811.71	1/2	906.72	1/2	1,001.74	1/2	1,096.75	1/2	1,191.76	1/2	1,290.43
3/4	53.65	3/4	148.61	3/4	243.63	3/4	338.64	3/4	433.65	3/4	528.66	3/4	623.67	3/4	718.68	3/4	813.69	3/4	908.70	3/4	1,003.71	3/4	1,098.73	3/4	1,193.74	3/4	1,291.52
7	55.58	7	150.59	7	245.60	7	340.62	7	435.63	7	530.64	7	625.65	7	720.66	7	815.67	7	910.69	7	1,005.69	7	1,100.71	7	1,195.72	7	1,292.71
1/4	57.56	1/4	152.57	1/4	247.58	1/4	342.60	1/4	437.61	1/4	532.62	1/4	627.63	1/4	722.64	1/4	817.65	1/4	912.66	1/4	1,007.67	1/4	1,102.68	1/4	1,197.70	1/4	1,293.70
1/2	59.54	1/2	154.55	1/2	249.56	1/2	344.57	1/2	439.59	1/2	534.60	1/2	629.61	1/2	724.62	1/2	819.63	1/2	914.64	1/2	1,009.65	1/2	1,104.66	1/2	1,199.68	1/2	1,294.79
3/4	61.52	3/4	156.53	3/4	251.54	3/4	346.55	3/4	441.57	3/4	536.58	3/4	631.59	3/4	726.60	3/4	821.61	3/4	916.62	3/4	1,011.63	3/4	1,106.64	3/4	1,201.65	3/4	1,295.69
8	63.50	8	158.51	8	253.52	8	348.53	8	443.54	8	538.56	8	633.57	8	728.58	8	823.59	8	918.60	8	1,013.61	8	1,108.62	8	1,203.63	8	1,296.57
1/4	65.48	1/4	160.49	1/4	255.50	1/4	350.51	1/4	445.52	1/4	540.54	1/4	635.55	1/4	730.56	1/4	825.57	1/4	920.58	1/4	1,015.59	1/4	1,110.60	1/4	1,205.61	1/4	1,297.66
1/2	67.46	1/2	162.47	1/2	257.48	1/2	352.49	1/2	447.50	1/2	542.51	1/2	637.53	1/2	732.54	1/2	827.55	1/2	922.56	1/2	1,017.57	1/2	1,112.58	1/2	1,207.59	1/2	1,298.15
3/4	69.44	3/4	164.45	3/4	259.46	3/4	354.47	3/4	449.48	3/4	544.49	3/4	639.51	3/4	734.52	3/4	829.53	3/4	924.54	3/4	1,019.55	3/4	1,114.56	3/4	1,209.57	3/4	1,299.04
9	71.42	9	166.43	9	261.44	9	356.45	9	451.46	9	546.47	9	641.48	9	735.50	9	831.51	9	926.52	9	1,021.53	9	1,116.54	9	1,211.55	9	1,299.74
1/4	73.40	1/4	168.41	1/4	263.42	1/4	358.43	1/4	453.44	1/4	548.45	1/4	643.46	1/4	738.48	1/4	833.49	1/4	928.50	1/4	1,023.51	1/4	1,118.52	1/4	1,213.53	1/4	1,299.43
1/2	75.38	1/2	170.39	1/2	265.40	1/2	360.41	1/2	455.42	1/2	550.43	1/2	645.44	1/2	740.45	1/2	835.47	1/2	930.49	1/2	1,025.49	1/2	1,120.50	1/2	1,215.51	1/2	1,299.12
3/4	77.35	3/4	172.37	3/4	267.38	3/4	362.39	3/4	457.40	3/4	552.41	3/4	647.42	3/4	742.43	3/4	837.45	3/4	932.46	3/4	1,027.47	3/4	1,122.49	3/4	1,217.49	3/4	1,299.62
10	79.34	10	174.35	10	269.36	10	364.37	10	459.38	10	554.39	10	649.40	10	744.41	10	839.42	10	934.44	10	1,029.45	10	1,124.46	10	1,219.47	10	1,299.11
1/4	81.31	1/4	176.33	1/4	271.34	1/4	366.35	1/4	461.36	1/4	556.37	1/4	651.38	1/4	746.39	1/4	841.40	1/4	936.42	1/4	1,031.43	1/4	1,126.44	1/4	1,221.45	1/4	1,299.61
1/2	83.29	1/2	178.31	1/2	273.32	1/2	368.33	1/2	463.34	1/2	558.35	1/2	653.36	1/2	748.37	1/2	843.38	1/2	939.39	1/2	1,033.41	1/2	1,128.42	1/2	1,223.43	1/2	1,299.18
3/4	85.27	3/4	180.28	3/4	275.30	3/4	370.31</																				

DARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET			
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	DUMP .84	0	96.14	0	192.13	0	288.12	0	384.11	0	480.10	0	576.09	0	672.08	0	768.07	0	864.07	0	960.06	0	1,055.05	0	1,152.04	0	1,248.03	0	1,344.02
1/4	2.84	1/4	98.14	1/4	194.13	1/4	290.12	1/4	386.11	1/4	482.10	1/4	578.09	1/4	674.08	1/4	770.07	1/4	866.07	1/4	962.06	1/4	1,058.05	1/4	1,154.04	1/4	1,250.03	1/4	1,346.02
1/2	4.84	1/2	100.14	1/2	196.13	1/2	292.12	1/2	388.11	1/2	484.10	1/2	580.09	1/2	676.08	1/2	772.07	1/2	868.07	1/2	964.06	1/2	1,060.05	1/2	1,156.04	1/2	1,252.03	1/2	1,348.02
3/4	6.84	3/4	102.14	3/4	198.13	3/4	294.12	3/4	390.11	3/4	486.10	3/4	582.09	3/4	678.08	3/4	774.07	3/4	870.07	3/4	966.06	3/4	1,062.05	3/4	1,162.04	3/4	1,258.03	3/4	1,354.02
1	8.84	1	104.14	1	200.13	1	296.12	1	392.11	1	488.10	1	584.09	1	680.08	1	776.07	1	872.06	1	968.06	1	1,064.05	1	1,164.04	1	1,260.03	1	1,356.02
1 1/4	10.84	1 1/4	105.14	1 1/4	202.13	1 1/4	298.12	1 1/4	394.11	1 1/4	490.10	1 1/4	586.09	1 1/4	682.08	1 1/4	778.07	1 1/4	874.06	1 1/4	970.06	1 1/4	1,066.05	1 1/4	1,166.04	1 1/4	1,262.03	1 1/4	1,358.02
1 1/2	12.84	1 1/2	108.14	1 1/2	204.13	1 1/2	300.12	1 1/2	396.11	1 1/2	492.10	1 1/2	588.09	1 1/2	684.08	1 1/2	780.07	1 1/2	876.06	1 1/2	972.05	1 1/2	1,068.05	1 1/2	1,168.04	1 1/2	1,264.03	1 1/2	1,360.02
1 3/4	14.84	1 3/4	110.14	1 3/4	206.13	1 3/4	302.12	1 3/4	398.11	1 3/4	494.10	1 3/4	590.09	1 3/4	686.08	1 3/4	782.07	1 3/4	878.06	1 3/4	974.05	1 3/4	1,070.05	1 3/4	1,170.04	1 3/4	1,266.03	1 3/4	1,362.02
2	16.84	2	112.14	2	208.13	2	304.12	2	400.11	2	496.10	2	592.09	2	688.08	2	784.07	2	880.06	2	976.05	2	1,072.04	2	1,172.03	2	1,268.02	2	1,364.01
2 1/4	18.84	2 1/4	114.14	2 1/4	210.13	2 1/4	306.12	2 1/4	402.11	2 1/4	498.10	2 1/4	594.09	2 1/4	690.08	2 1/4	786.07	2 1/4	882.06	2 1/4	978.05	2 1/4	1,074.04	2 1/4	1,174.03	2 1/4	1,270.02	2 1/4	1,366.01
2 1/2	20.84	2 1/2	116.14	2 1/2	212.13	2 1/2	308.12	2 1/2	404.11	2 1/2	500.10	2 1/2	596.09	2 1/2	692.08	2 1/2	788.07	2 1/2	884.06	2 1/2	980.05	2 1/2	1,076.04	2 1/2	1,176.03	2 1/2	1,272.02	2 1/2	1,368.01
2 3/4	22.84	2 3/4	118.14	2 3/4	214.13	2 3/4	310.12	2 3/4	406.11	2 3/4	502.10	2 3/4	598.09	2 3/4	694.08	2 3/4	790.07	2 3/4	886.06	2 3/4	982.05	2 3/4	1,078.04	2 3/4	1,178.03	2 3/4	1,274.02	2 3/4	1,370.01
3	24.84	3	120.14	3	216.13	3	312.12	3	408.11	3	504.10	3	600.09	3	696.08	3	792.07	3	888.06	3	984.05	3	1,080.04	3	1,180.03	3	1,276.02	3	1,372.01
3 1/4	26.84	3 1/4	122.14	3 1/4	218.13	3 1/4	314.12	3 1/4	410.11	3 1/4	506.10	3 1/4	602.09	3 1/4	698.08	3 1/4	794.07	3 1/4	890.06	3 1/4	986.05	3 1/4	1,082.04	3 1/4	1,182.03	3 1/4	1,278.02	3 1/4	1,374.01
3 1/2	28.84	3 1/2	124.14	3 1/2	220.13	3 1/2	316.12	3 1/2	412.11	3 1/2	508.10	3 1/2	604.09	3 1/2	700.08	3 1/2	796.07	3 1/2	892.06	3 1/2	988.05	3 1/2	1,084.04	3 1/2	1,184.03	3 1/2	1,280.02	3 1/2	1,376.01
3 3/4	30.84	3 3/4	126.14	3 3/4	222.13	3 3/4	318.12	3 3/4	414.11	3 3/4	510.10	3 3/4	606.09	3 3/4	702.08	3 3/4	798.07	3 3/4	894.06	3 3/4	990.05	3 3/4	1,086.04	3 3/4	1,186.03	3 3/4	1,282.02	3 3/4	1,378.01
4	32.84	4	128.14	4	224.13	4	320.12	4	416.11	4	512.10	4	608.09	4	704.08	4	800.07	4	896.06	4	992.05	4	1,088.04	4	1,188.03	4	1,284.02	4	1,380.01
4 1/4	34.84	4 1/4	130.14	4 1/4	226.13	4 1/4	322.12	4 1/4	418.11	4 1/4	514.10	4 1/4	610.09	4 1/4	706.08	4 1/4	802.07	4 1/4	898.06	4 1/4	994.05	4 1/4	1,090.04	4 1/4	1,190.03	4 1/4	1,286.02	4 1/4	1,382.01
4 1/2	35.73	4 1/2	132.14	4 1/2	228.13	4 1/2	324.12	4 1/2	420.11	4 1/2	516.10	4 1/2	612.09	4 1/2	708.08	4 1/2	804.07	4 1/2	900.06	4 1/2	996.05	4 1/2	1,092.04	4 1/2	1,192.03	4 1/2	1,288.02	4 1/2	1,384.01
4 3/4	38.67	4 3/4	134.14	4 3/4	230.13	4 3/4	326.12	4 3/4	422.11	4 3/4	518.10	4 3/4	614.09	4 3/4	710.08	4 3/4	806.07	4 3/4	902.06	4 3/4	998.05	4 3/4	1,094.04	4 3/4	1,194.03	4 3/4	1,290.02	4 3/4	1,386.01
5	40.61	5	136.14	5	232.13	5	328.12	5	424.11	5	520.10	5	616.09	5	712.08	5	808.07	5	904.06	5	1,000.05	5	1,096.04	5	1,196.03	5	1,292.02	5	1,388.01
5 1/4	42.55	5 1/4	138.14	5 1/4	234.13	5 1/4	330.12	5 1/4	426.11	5 1/4	522.10	5 1/4	618.09	5 1/4	714.08	5 1/4	810.07	5 1/4	906.06	5 1/4	1,002.05	5 1/4	1,098.04	5 1/4	1,198.03	5 1/4	1,294.02	5 1/4	1,390.01
5 1/2	44.49	5 1/2	140.14	5 1/2	236.13	5 1/2	332.12	5 1/2	428.11	5 1/2	524.10	5 1/2	620.09	5 1/2	716.08	5 1/2	812.07	5 1/2	908.06	5 1/2	1,004.05	5 1/2	1,100.04	5 1/2	1,200.03	5 1/2	1,296.02	5 1/2	1,392.01
5 3/4	45.44	5 3/4	142.14	5 3/4	238.13	5 3/4	334.12	5 3/4	430.11	5 3/4	526.10	5 3/4	622.09	5 3/4	718.08	5 3/4	814.07	5 3/4	910.06	5 3/4	1,006.05	5 3/4	1,102.04	5 3/4	1,202.03	5 3/4	1,298.02	5 3/4	1,394.01
6	48.38	6	144.14	6	240.13	6	336.12	6	432.11	6	528.10	6	624.09	6	720.08	6	816.07	6	912.06	6	1,008.05	6	1,104.04	6	1,204.03	6	1,300.02	6	1,396.01
6 1/4	50.32	6 1/4	146.14	6 1/4	242.13	6 1/4	338.12	6 1/4	434.11	6 1/4	530.10	6 1/4	626.09	6 1/4	722.08	6 1/4	818.07	6 1/4	914.06	6 1/4	1,010.05	6 1/4	1,106.04	6 1/4	1,206.03	6 1/4	1,302.02	6 1/4	1,398.01
6 1/2	52.26	6 1/2	148.14	6 1/2	244.13	6 1/2	340.12	6 1/2	436.11	6 1/2	532.10	6 1/2	628.09	6 1/2	724.08	6 1/2	820.07	6 1/2	916.06	6 1/2	1,012.05	6 1/2	1,108.04	6 1/2	1,208.03	6 1/2	1,304.02	6 1/2	1,400.01
6 3/4	54.20	6 3/4	150.14	6 3/4	246.13	6 3/4	342.12	6 3/4	438.11	6 3/4	534.10	6 3/4	630.09	6 3/4	726.08	6 3/4	822.07	6 3/4	918.06	6 3/4	1,014.05	6 3/4	1,110.04	6 3/4	1,210.03	6 3/4	1,306.02	6 3/4	1,402.01
7	56.15	7	152.14	7	248.13	7	344.12	7	440.11	7	536.10	7	632.09	7	728.08	7	824.07	7	920.06	7	1,016.05	7	1,112.04	7	1,212.03	7	1,308.02	7	1,404.01
7 1/4	58.15	7 1/4	154.14	7 1/4	250.13	7 1/4	346.12	7 1/4	442.11	7 1/4	538.10	7 1/4	634.09	7 1/4	730.08	7 1/4	826.07	7 1/4	922.06	7 1/4	1,018.05	7 1/4	1,114.04	7 1/4	1,214.03	7 1/4	1,310.02	7 1/4	1,406.01
7 1/2	60.15	7 1/2	156.14	7 1/2	252.13	7 1/2	348.12	7 1/2	444.11	7 1/2	540.10	7 1/2	636.09	7 1/2	732.08	7 1/2	828.07	7 1/2	924.06	7 1/2	1,020.05	7 1/2	1,116.04	7 1/2	1,216.03	7 1/2	1,312.02	7 1/2	1,408.01
7 3/4	62.15	7 3/4	158.14	7 3/4	254.13	7 3/4	350.12	7 3/4	446.11	7 3/4	542.10	7 3/4	638.09	7 3/4	734.08	7 3/4	830.07	7 3/4	926.06	7 3/4	1,022.05	7 3/4	1,118.04	7 3/4	1,218.03	7 3/4	1,314.02	7 3/4	1,410.01
8	64.15	8	160.14	8	256.13	8	352.12	8	448.11	8	544.10	8	640.09	8	736.08	8	832.07	8	928.06	8	1,024.05	8	1,120.04	8	1,220.03	8	1,316.02	8	1,412.01
8 1/4	66.15	8 1/4	162.14	8 1/4	258.13	8 1/4	354.12	8 1/4	450.11	8 1/4	546.10	8 1/4	642.09	8 1/4	738.08	8 1/4	834.07	8 1/4	930.06	8 1/4	1,026.05	8 1/4	1,122.04	8 1/4	1,222.03	8 1/4	1,318.02	8 1/4	1,414.01
8 1/2	68.15	8 1/2	164.14	8 1/2	260.13	8 1/2	356.12	8 1/2	452.11	8 1/2	548.10	8 1/2	644.09	8 1/2	740.08	8 1/2	836.07	8 1/											

# TITAN 101

NUZBI

2,60R7

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0 RUMP .84	0 96.05	0 191.95	0 207.85	0 383.75	0 479.65	0 575.55	0 671.45	0 767.35	0 863.25	0 959.15	0 1,055.04	0 1,150.94	0 1,246.84
1/4 2.84	1/4 98.05	1/4 193.95	1/4 209.85	1/4 385.75	1/4 481.65	1/4 577.55	1/4 673.45	1/4 769.34	1/4 865.24	1/4 961.14	1/4 1,057.04	1/4 1,152.94	1/4 1,248.84
1/2 4.84	1/2 100.05	1/2 195.95	1/2 211.85	1/2 387.75	1/2 483.64	1/2 579.54	1/2 675.44	1/2 771.34	1/2 867.24	1/2 963.14	1/2 1,059.04	1/2 1,154.94	1/2 1,250.84
3/4 6.84	3/4 102.05	3/4 197.95	3/4 213.85	3/4 389.74	3/4 485.64	3/4 581.54	3/4 677.44	3/4 773.34	3/4 869.24	3/4 965.14	3/4 1,061.04	3/4 1,156.94	3/4 1,252.84
1 8.84	1 104.04	1 199.94	1 205.84	1 391.74	1 487.64	1 583.54	1 679.44	1 775.34	1 871.24	1 967.14	1 1,063.04	1 1,158.94	1 1,254.84
1 10.83	1 106.04	1 201.94	1 207.84	1 393.74	1 489.64	1 585.54	1 681.44	1 777.34	1 873.24	1 969.13	1 1,065.03	1 1,160.93	1 1,256.83
1 12.83	1 108.04	1 203.94	1 209.84	1 395.74	1 491.64	1 587.54	1 683.43	1 779.33	1 875.23	1 971.13	1 1,067.03	1 1,162.93	1 1,258.83
1 14.83	1 110.04	1 205.94	1 211.84	1 397.74	1 493.63	1 589.53	1 685.43	1 781.33	1 877.23	1 973.13	1 1,069.03	1 1,164.93	1 1,260.83
2 16.83	2 112.04	2 207.93	2 213.83	2 399.73	2 495.63	2 591.53	2 687.43	2 783.33	2 879.23	2 975.13	2 1,071.03	2 1,166.93	2 1,262.83
2 18.83	2 114.03	2 209.93	2 215.83	2 401.73	2 497.63	2 593.53	2 689.43	2 785.33	2 881.23	2 977.13	2 1,073.03	2 1,168.92	2 1,264.82
2 20.82	2 116.03	2 211.93	2 217.83	2 403.73	2 499.63	2 595.53	2 691.43	2 787.33	2 883.22	2 979.12	2 1,075.02	2 1,170.92	2 1,266.82
2 22.82	2 118.03	2 213.93	2 219.83	2 405.73	2 501.63	2 597.53	2 693.42	2 789.32	2 885.22	2 981.12	2 1,077.02	2 1,172.92	2 1,268.82
3 24.82	3 120.03	3 215.93	3 221.83	3 407.73	3 503.62	3 599.52	3 695.42	3 791.32	3 887.22	3 983.12	3 1,079.02	3 1,174.92	3 1,270.82
3 26.82	3 122.03	3 217.92	3 223.82	3 409.72	3 505.62	3 601.52	3 697.42	3 793.32	3 889.22	3 985.12	3 1,081.02	3 1,176.92	3 1,272.82
3 28.81	3 124.02	3 219.92	3 225.82	3 411.72	3 507.62	3 603.52	3 699.42	3 795.32	3 891.22	3 987.12	3 1,083.01	3 1,178.91	3 1,274.81
3 30.81	3 126.02	3 221.92	3 227.82	3 413.72	3 509.62	3 605.52	3 701.42	3 797.32	3 893.21	3 989.11	3 1,085.01	3 1,180.91	3 1,276.81
4 32.81	4 128.02	4 223.92	4 229.82	4 415.72	4 511.62	4 607.51	4 703.41	4 799.31	4 895.21	4 991.11	4 1,087.01	4 1,182.91	4 1,278.81
4 34.75	4 130.02	4 225.92	4 231.82	4 417.71	4 513.61	4 609.51	4 705.41	4 801.31	4 897.21	4 993.11	4 1,089.01	4 1,184.91	4 1,279.81
4 36.69	4 132.01	4 227.91	4 233.81	4 419.71	4 515.61	4 611.51	4 707.41	4 803.31	4 899.21	4 995.11	4 1,091.01	4 1,186.91	4 1,281.81
4 38.63	4 134.01	4 229.91	4 235.81	4 421.71	4 517.61	4 613.51	4 709.41	4 805.31	4 901.21	4 997.11	4 1,093.00	4 1,188.90	4 1,282.81
5 40.57	5 136.01	5 231.91	5 237.81	5 423.71	5 519.61	5 615.51	5 711.41	5 807.30	5 903.20	5 999.10	5 1,095.00	5 1,190.90	5 1,284.81
5 42.51	5 138.01	5 233.91	5 239.81	5 425.71	5 521.61	5 617.50	5 713.40	5 809.30	5 905.20	5 1,001.10	5 1,097.00	5 1,192.90	5 1,285.81
5 44.45	5 140.01	5 235.91	5 241.81	5 427.70	5 523.60	5 619.50	5 715.40	5 811.30	5 907.20	5 1,003.10	5 1,099.00	5 1,194.90	5 1,287.81
5 46.39	5 142.00	5 237.90	5 243.80	5 429.70	5 525.60	5 621.50	5 717.40	5 813.30	5 909.20	5 1,005.10	5 1,101.00	5 1,196.90	5 1,289.81
6 48.33	6 144.00	6 239.90	6 245.80	6 431.70	6 527.60	6 623.50	6 719.40	6 815.30	6 911.20	6 1,007.09	6 1,102.99	6 1,198.89	6 1,291.81
6 50.27	6 146.00	6 241.90	6 247.80	6 433.70	6 529.60	6 625.50	6 721.40	6 817.29	6 913.19	6 1,009.09	6 1,104.99	6 1,200.89	6 1,293.81
6 52.21	6 148.00	6 243.90	6 249.80	6 435.70	6 531.59	6 627.49	6 723.39	6 819.29	6 915.19	6 1,011.09	6 1,106.99	6 1,202.89	6 1,295.81
6 54.15	6 150.00	6 245.89	6 251.79	6 437.69	6 533.59	6 629.49	6 725.39	6 821.29	6 917.19	6 1,013.09	6 1,108.99	6 1,204.89	6 1,297.81
7 56.09	7 151.99	7 247.89	7 253.79	7 439.69	7 535.59	7 631.49	7 727.39	7 823.29	7 919.19	7 1,015.09	7 1,110.99	7 1,206.89	7 1,299.81
7 58.09	7 153.99	7 249.89	7 255.79	7 441.69	7 537.59	7 633.49	7 729.39	7 825.29	7 921.19	7 1,017.08	7 1,112.98	7 1,208.89	7 1,301.81
7 60.09	7 155.99	7 251.89	7 257.79	7 443.69	7 539.59	7 635.49	7 731.38	7 827.28	7 923.18	7 1,019.08	7 1,114.98	7 1,210.88	7 1,303.81
7 62.09	7 157.99	7 253.89	7 259.79	7 445.68	7 541.58	7 637.48	7 733.38	7 829.28	7 925.18	7 1,021.08	7 1,116.98	7 1,212.88	7 1,305.81
8 64.09	8 159.99	8 255.88	8 261.78	8 447.68	8 543.58	8 639.48	8 735.38	8 831.28	8 927.18	8 1,023.08	8 1,118.98	8 1,214.88	8 1,307.81
8 66.08	8 161.90	8 257.88	8 263.78	8 449.68	8 545.58	8 641.48	8 737.38	8 833.28	8 929.18	8 1,025.08	8 1,120.98	8 1,216.87	8 1,309.81
8 68.08	8 163.98	8 259.88	8 265.78	8 451.68	8 547.58	8 643.48	8 739.38	8 835.28	8 931.17	8 1,027.07	8 1,122.97	8 1,218.87	8 1,311.81
8 70.08	8 165.98	8 261.88	8 267.78	8 453.68	8 549.58	8 645.47	8 741.37	8 837.27	8 933.17	8 1,029.07	8 1,124.97	8 1,220.87	8 1,313.81
9 72.08	9 167.98	9 263.88	9 269.78	9 455.67	9 551.57	9 647.47	9 743.37	9 839.27	9 935.17	9 1,031.07	9 1,126.97	9 1,222.87	9 1,315.81
9 74.08	9 169.97	9 265.87	9 271.77	9 457.67	9 553.57	9 649.47	9 745.37	9 841.27	9 937.17	9 1,033.07	9 1,128.97	9 1,224.87	9 1,317.81
9 76.07	9 171.97	9 267.87	9 273.77	9 459.67	9 555.57	9 651.47	9 747.37	9 843.27	9 939.17	9 1,035.07	9 1,130.97	9 1,226.87	9 1,319.81
9 78.07	9 173.97	9 269.87	9 275.77	9 461.67	9 557.57	9 653.47	9 749.37	9 845.26	9 941.16	9 1,037.06	9 1,132.96	9 1,228.86	9 1,321.81
10 80.07	10 175.97	10 271.87	10 277.77	10 463.67	10 559.57	10 655.46	10 751.36	10 847.26	10 943.16	10 1,039.06	10 1,134.96	10 1,230.86	10 1,323.81
10 82.07	10 177.97	10 273.87	10 279.77	10 465.66	10 561.56	10 657.46	10 753.36	10 849.26	10 945.16	10 1,041.06	10 1,136.96	10 1,232.86	10 1,325.81
10 84.06	10 179.96	10 275.86	10 281.76	10 467.66	10 563.56	10 659.46	10 755.36	10 851.26	10 947.16	10 1,043.06	10 1,138.96	10 1,234.86	10 1,327.81
10 86.06	10 181.96	10 277.86	10 283.76	10 469.66	10 565.56	10 661.46	10 757.36	10 853.26	10 949.16	10 1,045.06	10 1,140.96	10 1,236.86	10 1,329.81
11 88.06	11 183.96	11 279.86	11 285.76	11 471.66	11 567.56	11 663.46	11 759.36	11 855.26	11 951.16	11 1,047.06	11 1,142.96	11 1,238.86	11 1,331.81
11 90.06	11 185.96	11 281.86	11 287.76	11 473.66	11 569.56	11 665.46	11 761.36	11 857.26	11 953.16	11 1,049.06	11 1,144.96	11 1,240.86	11 1,333.81
11 92.06	11 187.96	11 283.86	11 289.76	11 475.66	11 571.56	11 667.46	11 763.36	11 859.26	11 955.16	11 1,051.06	11 1,146.96	11 1,242.86	11 1,335.81
11 94.06	11 189.96	11 285.86	11 291.76	11 477.66	11 573.56	11 669.46	11 765.36	11 861.26	11 957.16	11 1,053.06	11 1,148.96	11 1,244.86	11 1,337.81

CAPACITY IN: 42-GALLON BARRELS

CALIBRATED: 4/27/80

GAUGE HEIGHT: 15'-1" (RIM OF HATCH, OPPOSITE HINGE)

*J.E. Painter*

14 1,306.81  
15 1,308.81  
16 1,310.81