# 일반

## 개요

본 복원성 자료는 본선의 표준 재화 상태에서의 복원성을 검토하기 위한 것일뿐 아니라, 본선의 특성을 충분히 이해하여 안전운항과 만족한 LOADING을 할 수 있도록 MASTER를 위하여 작성되었다. 따라서 본선의 상태가 표준재화 상태와 상이할 경우 본선의 MASTER는 첨부된 예제와 같은 방법으로 트림 및 복원성 계산을 수행한 후 기준에 적합한지 검토하여야하며, 만약, 복원성기준 및 강도계산이 기준에 적합하지 않다면 적재상태를 변경하여 만족한 복원성 및 강도를 지닌 상태로 유지한 후 운항하도록 하여야 한다.  
본 복원성 자료는 COMPUTER PROGRAM "KST\_SHIP"을 사용하여 작성되었다

## 일반지침

1. 본 선박은 항해에 따른 해수 건현을 건현용 깊이의 상단으로부터 0.840 m로 지정 받았기 때문에 어떠한 적재 상태에서도 용골 하면으로부터의 흘수가(EXT.)가 2.687 m (Moulded Draft 2.672 m)를 넘지 않도록 할 것.  
2. 기타 창고품의 무게 중심을 가능한 낮게 할 수 있는 장소에 적재할 것.  
3. 항해시 모든 수밀 폐쇄 장치는 출입을 행하는 경우이외에 폐쇄할 것.  
4. 운항 책임자는 모든 항해 상태에서 연료 탱크의 부분 적재를 최소로 유지하여 액체 운동에 대한 복원성 감소를 최소로 할 것.  
5. 소모성 액체의 비움은 복원성, 트림, 횡경사를 고려하여 선택적으로 행할 것.  
6. 본선의 운항 책임자는 본 계산서에 언급한 표준 상태 이외의 임의의 재화 상태에 대하여 본 자료의 "중량중심, 트림 및 복원성 계산"에 의거 복원성 계산을 행하여 안정성을 확인 후 운항하여야 한다.  
7. 본선의 선장은 화물적재 등 운항시 초기횡경사가 없도록 유의하여야 한다.  
  
※주의사항※  
# 건조당시 설치된 Door Sill, Hatch Coaming, Air Pipe, Ventilation과 Piping System은 관계기관의 허락없이 개조 또는 이동하여서는 아니된다.  
# 본 계산서에서 사용된 흘수의 “0 POINT"는 BASE LINE 하방 15mm이다.

## 한계치

(부선의 구조 및 설비등기준, 개정 2009. 8. 19 국토해양부고시 제2009-693호)  
부선의 복원성기준은 횡메타센타 높이(GoM)가 다음표에 의한 기준 이상이어야 한다.  
 경하상태 : 횡메타센타 높이(GoM) > 0.164 B (m)  
 만재상태 : 횡메타센타 높이(GoM) > 0.095 B (m)  
 B : 부선의 너비(M)

## 주요 사항

1) General Information  
 - Ship's Name : 보령8호  
 - Type of Ship : PONTOON BARGE  
 - Navigation Area : 국내연해  
 - Port of Registry : 보령시  
 - Nationality : 대한민국  
 - Classification : KST  
2) Principal Particular  
 - Length B.P : 50.000 m  
 - Breadth : 16.000 m  
 - Depth (MLD.) : 3.500 m  
 - D.L.W.L : 2.900 m  
 - Initial Trim : 0.000 m

## 약어

약 어  
Symbol Definition Unit  
df : Draft at FORE Draft Mark m  
da : Draft at AFT. Draft Mark m  
dm : Draft at MID. Draft Mark m  
dF : Draft at FP. m  
dA : Draft at AP. m  
dM : Draft at MID. m  
deq : Equivalent Draft at L.C.F m  
T : Trim(dF-dA) m  
DISPT. : Displacement ton  
L.C.B. : Center Of Buoyancy From Midship m  
L.C.G. : Center Of Gravity From Midship m  
BGL : Distance Between lL.C.G and L.C.B (L.C.G - L.C.B) m  
KMT(KM) : Transverse Metarcenter Height Above Base Line m  
K.G(V.C.G) : Center Of Gravity Above Base Line m  
GGo : Loss In GM Due To Free Surface Effects By Liquid In Tank m  
GoM : Metacentric Height Corrected By Free Surface Effects(GM-GGo) m  
MTC : Moment To Change Trim 1 CM ton-m  
TPC : Tonnes Per 1 CM Immersion ton  
I : Moment Of Inertia Of Free Surface In Tank m4  
S.G : Specific Gravity Of Liquid & Cargo ton/m3  
GZ : Righting Lever Of Statical Stability m  
KN : Stability Cross Curve Ordinate m  
Cb : Block coefficient -  
Cp : Prismatic coefficient -  
Cw : Water Plane coefficient -  
Cm : Midship Section coefficient -

1. 단위계

|  |  |  |  |
| --- | --- | --- | --- |
| MULTIPLY BY | TO CONVERT FROM | TO OBTAIN |  |
| 0.03937 | MILIMETERS | INCHES | 25.4 |
| 0.3937 | CENTIMETERS | INCHES | 2.54 |
| 3.2808 | METERS | FEET | 0.3048 |
| 2.2046 | KILOGRAMMES | POUNDS | 0.45359 |
| 0.0009842 | KILOGRAMMES | TONS(2240 lbs) | 1016.047 |
| 0.9842 | METRIC TONS(ie TONNES OF 1000) KILOS | TONS(2240 lbs) | 1.016 |
| 2.4998 | METRIC TONS PER CENTIMETER (OF IMMERSION) | TONS PER INCH(IMMERSION) | 0.4 |
| 8.2014 | MOMENT TO CHANGE TRIM ONE CENTIMETER(TONESS METER UNIT) | MOMENT TO CHANGE(FOOT TON UNITS) | 0.122 |
| 187.9767 | METER RADIANS | FEET DEGREE | 0.0053 |

1. 계산 기본 자료

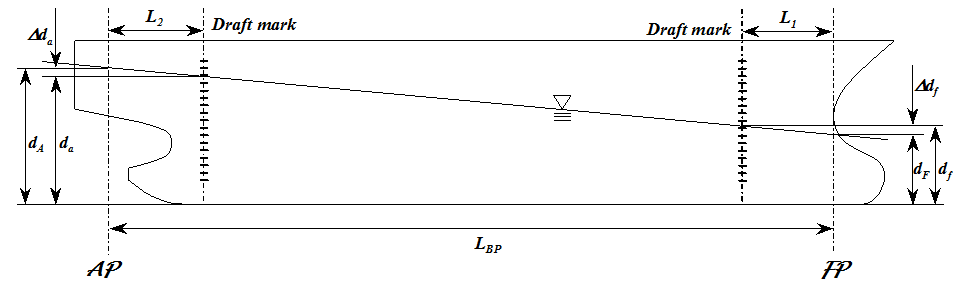
1) 밀도  
Fresh Water : 1.000 (ton/m3)  
Sea Water : 1.025 (ton/m3)  
Fuel Oil : 0.860 (ton/m3)  
Lubrication Oil : 0.900 (ton/m3)  
2) Store & Spare는 2.000 ton 을 적재하는 것으로 한다.  
3) Fuel oil & Lub. oil tanks to be deducted about 4 percent of full capacity due to expansion by heat.  
4) 각 TANK의 액체 자유표면에 대한 GM의 감소치(GGo)는 다음산식에 의한다.  
 GGo = ∑ (S.G x I) / DISPLACEMENT  
 단, S.G : 액체의 비중  
 I : 액체의 단면2차 MOMENT  
5) Definition of "+" or "-" for L.C.G & L.C.B. & L.C.F, TRIM.  
 + : Fore direction from midship, Trim by the head.  
 - : After direction from midship, Trim by the stern.  
6) 단위  
 중량 : Ton  
 길이 : Mete

1. 변위와 무게중심의 계산

1) 본선의 선수, 선미 및 중앙부에 표시된 Draft Marks에 의하여 흘수를 계측한다.  
 df : FORE DRAFT AT DRAFT MARK (M)  
 da : AFT. DRAFT AT DRAFT MARK (M)  
 dm : MIDSHIP DRAFT AT DRAFT MARK (M)  
2) F.P와 A.P에서의 흘수를 계산하기 위하여 선수?미 흘수를 수정한다.  
 LBP : 수선간장  
 L1 : 선수수선에서 선수 흘수 마크까지 거리(선수수선에서 중앙부 방향 : +)  
 L2 : 선미수선에서 선미 흘수 마크까지 거리(선미수선에서 중앙부 방향 : +)  
 IT : 초기 트림(선미트림 : -)  
 : 선수 흘수 수정량 = ( df - da - IT ) ×L1 / ( LBP - L1 -L2 )  
 : 선미 흘수 수정량 = ( df - da - IT ) ×L2 / ( LBP - L1 -L2 )  
 dF : 선수 수선에서 흘수 = df +  
 dA : 선미 수선에서 흘수 = da -  
3) 배수량 등곡선도 또는 배수량 등곡선표의 Draft 0 Point에 대한 흘수 수정을 한다.  
 Kt : 배수량 등곡선도 또는 배수량 등곡선표의 Draft 0 Point와 기선과의 거리  
 (기선의 하방향을 -로 한다)  
 dFe : 선수 수선에서 흘수(Extreme) = dF - Kt   
 dAe : 선미 수선에서 흘수(Extreme) = dA + Kt  
 dMe : 평균흘수 = ( dFe + dAe ) / 2  
 Te : 트림 = dFe - dAe  
4) 평균 흘수(dMe)에 대한 L.C.F를 배수량 등곡선표에서 구하여 트림에 의한 수정을 한다.  
 δTe : 트림에 의한 수정량 = L.C.F × Te / LBP  
 deq : 상당흘수 = dMe + δTe  
5) 상당흘수(deq)에 대한 배수량(DISP')을 Hydrostatic Table에서 구한다.  
 ※ 흘수의 중간값에 대하여 선형보간법을 사용한다.  
6) 해수 비중의 변경에 따른 배수량 수정을 실시한다.  
 γm : 흘수 계측시 해수의 비중   
 DISP : 수정된 배수량 = DISP' × γm / 1.025  
7) 종방향 중량중심(L.C.G)의 계산   
 배수량(DISP)에 대한 MTC, LCB를 Hydrostatic Table에서 구한다.  
 BG = 100 × MTC × Te / DISP  
 L.C.G = LCB + BG  
 ※ 선미트림(Te : -)일 경우 L.C.G는 LCB보다 선미쪽에 있다.  
 ※ 선수트림(Te : +)일 경우 L.C.G는 LCB보다 선수쪽에 있다.

1. 하중에 대한 트림과 흘수의 계산

1) 본선에 적재하고자 하는 화물, 연료유, 청수, Ballast 및 기타 중량물을 적재하였을 경우 선박의 전체 중량(DISP)과 길이방향(LCG) 및 연직방향(KG) 무게중심을 구한다.  
2) Hydrostatic Table로부터 다음의 항목을 읽는다  
 deq : 배수량(DISP)에 대한 상당흘수  
 LCB : 상당흘수에 대한 종방향 부심위치  
 LCF : 상당흘수에 대한 종방향 부면심위치  
 MTC : 상당흘수에 대한 1cm 트림변화 모멘트  
3) 적하상태에 따른 트림(Tr)계산  
 Tr = DISP × BG / (MTC ×100)  
 단, BG = LCG - LCB  
4) 선수 흘수(dF)와 선미 흘수(dA)를 구한다.  
 dF = deq + (LBP/2 - LCF) × Tr / LBP  
 dA = deq - (LBP/2 + LCF) × Tr / LBP  
 dM = (dF + dA) / 2



1. 메타센터 높이계산(GoM

1) 본선의 적하상태에 대한 연직방향 무게중심위치(KG)를 계산한다.  
2) 배수량에 상당하는 횡방향 메타센타높이 (Transverse Metacentric Height, TKM)을 구한다.  
3) 적하상태에서 유동수에 의한 무게중심 상승량(Effect of Freesurface, GGo)를 구한다.  
 GGo = ∑(IN × S.GN) / DISP  
 GM = TKM - KG  
 KGo = KG + GGo  
 GoM = KMT - KGo  
 ※ IN : 각 TANK에 대한 FREE SURFACE의 MOMENT OF INERTIA(M4)  
 ※ S.GN : 각 TANK의 유동수에 대한 비중

1. 하중 중량에 따른 흘수와 트림

(Deflection은 고려되지 않는다.)

|  |  |  |  |
| --- | --- | --- | --- |
| ITEM | WEIGHT | L.C.G | L-MOMENT |
| DISPLACEMENT | 14 | 18 | 14x18 |
| LOADING WEIGHT |  |  |  |
| UNLOADING WEIGHT |  |  |  |
| TOTAL | 19 | 25 |  |

1. COG와 트림 계산

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ITEM | WEIGHT(TON) | L.C.G(M) | L.C.G-MT(TON-M) | K.G | K.G-MT(TON-M) |
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#######################################   
 # HULL GEOMETRICAL DEFINITION #   
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 Ship No. : 100  
  
 Ship Name : L 50M CLASS PONTOON BARGE   
  
  
  
 INPUT DATA FOR DEFINITION OF HULLFORM  
  
  
 MULT LPP BMOULD DMOULD FRO-LPP/2 MAXYZ KEELPL SHELLPL  
 1.00000 50.000 16.000 3.500 25.000 0.000 0.015 0.015  
  
 FRAME NO 5.  
 SPACING 2.000 2.000  
  
 LONGITUDINAL COORD FROM LPP/2 FOR FRAME  
 -5 -4 -3 -2 -1 0 1 2  
 -35.000 -33.000 -31.000 -29.000 -27.000 -25.000 -23.000 -21.000  
 3 4 5 6 7 8 9 10  
 -19.000 -17.000 -15.000 -13.000 -11.000 -9.000 -7.000 -5.000  
 11 12 13 14 15 16 17 18  
 -3.000 -1.000 1.000 3.000 5.000 7.000 9.000 11.000  
 19 20 21 22 23 24 25 26  
 13.000 15.000 17.000 19.000 21.000 23.000 25.000 27.000  
 27 28 29 30 31 32 33 34  
 29.000 31.000 33.000 35.000 37.000 39.000 41.000 43.000  
   
  
  
  
  
  
 SHIPCONTOUR ON CL  
  
 FRAME-CONTOUR  
 FR.NO DX TYP B0 Z0 Z Y Z Y Z Y   
 STERN 0.00 0.000 2 3.500  
 0.00 0.000 2 1.750 1.750 7.400  
 0.00 0.300 2 1.600 1.600 7.700  
 0.00 0.600 2 1.450 1.450 8.000  
 0.00 2.500 2 0.500 0.500 8.000  
 0.00 3.500 2 0.000 0.000 8.000  
 KEEL 0.00 3.500 2 0.000 0.000 8.000  
 0.00 5.000 2 0.000 0.000 8.000  
 0.00 10.000 2 0.000 0.000 8.000  
 0.00 15.000 2 0.000 0.000 8.000  
 0.00 20.000 2 0.000 0.000 8.000  
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 0.00 30.000 2 0.000 0.000 8.000  
 0.00 35.000 2 0.000 0.000 8.000  
 0.00 40.000 2 0.000 0.000 8.000  
 0.00 45.000 2 0.000 0.000 8.000  
 0.00 46.300 2 0.000 0.000 8.000  
 STEM 0.00 46.300 2 0.000 0.000 8.000  
 0.00 47.500 2 0.714 0.714 8.000  
 0.00 49.000 2 1.605 1.605 8.000  
 0.00 49.500 2 1.903 1.903 7.500  
 0.00 50.000 2 2.200 2.200 7.000  
 0.00 50.000 2 3.500  
   
  
  
  
  
  
 DATASHEET 2 IS STORED  
  
  
 DATASHEET 3 IS STORED  
   
  
  
  
 INPUT DATA DESCRIBING DECK-CORNER  
 NO= NUMBER OF DECK  
 RAD=RADIUS OF DECKCORNER  
 INTERP.FACTOR REFERS ALWAYS TO THE PRECEDING INTERVAL  
 CAMBER NO REFERS TO CAMBER-DATA  
  
  
 LINE NO FR.NO DX Y Z INTERP RADIE CAMBER  
   
 1. 1.0 0.000 0.000 7.400 3.500 0.000 0.000 1.000  
 2. 1.0 0.000 0.300 7.700 3.500 2.000 0.000 1.000  
 3. 1.0 0.000 0.600 8.000 3.500 -2.000 0.000 1.000  
 4. 1.0 0.000 2.500 8.000 3.500 2.000 0.000 1.000  
 5. 1.0 0.000 5.000 8.000 3.500 3.000 0.000 1.000  
 6. 1.0 0.000 10.000 8.000 3.500 3.000 0.000 1.000  
 7. 1.0 0.000 15.000 8.000 3.500 3.000 0.000 1.000  
 8. 1.0 0.000 20.000 8.000 3.500 3.000 0.000 1.000  
 9. 1.0 0.000 25.000 8.000 3.500 3.000 0.000 1.000  
 10. 1.0 0.000 30.000 8.000 3.500 3.000 0.000 1.000  
 11. 1.0 0.000 35.000 8.000 3.500 3.000 0.000 1.000  
 12. 1.0 0.000 40.000 8.000 3.500 3.000 0.000 1.000  
 13. 1.0 0.000 45.000 8.000 3.500 3.000 0.000 1.000  
 14. 1.0 0.000 47.500 8.000 3.500 3.000 0.000 1.000  
 15. 1.0 0.000 49.000 8.000 3.500 -2.000 0.000 1.000  
 16. 1.0 0.000 49.500 7.500 3.500 2.000 0.000 1.000  
 17. 1.0 0.000 50.000 7.000 3.500 -2.000 0.000 1.000  
   
  
  
  
 INPUT DATA DESCRIBING CAMBER  
 CAMBER U V H  
 1.000 16.000 0.120 0.000  
1  
  
  
 FOLLOWING TABCYL CURVES WILL DEFINE THE HULL:  
  
  
 NO DEFINED WATERLINES  
  
  
 NO DEFINED KNUCKLES  
  
  
 DECK NR MARK RADIUS CAMBER VALID AT STATIONS  
 FRAME, X-COORD  
  
 D001 1 0 0.000 1 0.000 -25.000  
 D001 1 0 0.000 1 25.000 25.000  
   
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 X-COORD FROM LPP/2 FOR WATERLINES AT CL-CONTOUR  
 WL X-STERN X-STEM

#############################################   
 # LOADING CONDITION CALCULATION #   
 #############################################   
  
  
  
 Ship No. : 100  
  
 Ship Name : L 50M CLASS PONTOON BARGE   
  
 Density of Sea Water : 1.025  
  
 Reference Position : Midship (Longitudinal)  
 : Keel Bottom (Vertical)  
  
  
  
  
 Abbreviation & Units  
 ====================  
  
 L.C.G : Longitudinal Center of Gravity ( m )  
 V.C.G : Vertical Center of Gravity ( m )  
 L-MOMT : Longitudinal Moment ( ton\*m )  
 V-MOMT : Vertical Moment ( ton\*m )  
 F.S.M : Free Surface Moment ( ton\*m )  
 Draft : Draft Equivalent  
  
  
  
 Dfwd = -( LBP/2 - LCF ) / LBP \* Trim  
 Daft = ( LBP/2 + LCF ) / LBP \* Trim  
 F.S.M = Inertia Moment \* Density  
 G'Z = KN - KG' \* SIN(angle)  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 400.546  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 400.546  
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 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 400.546  
   
  
  
  
  
 CONDITION NO 10 LIGHTSHIP   
  
  
   
 WEIGHT L.C.G L-MOMT V.C.G V-MOMT F.S.M  
 DEADWEIGHT ITEMS   
 ton m ton\*m m ton\*m ton\*m  
 ==================================================================================  
  
 LIGHT SHIP WEIGHT 410.560 2.963 1216.49 3.500 1436.96  
  
 TOTAL WEIGHT 410.560 2.963 1216.49 3.500 1436.96  
 ========================================================================  
   
  
  
  
  
 CONDITION NO 10 LIGHTSHIP   
  
  
  
 ------------------------------------------------------------------------  
 DRAFT EQUIVALENT 0.570 M TRANSV. METACENTER KMT 39.068 M  
  
 TOTAL TRIM BY HEAD 0.500 M VERT CENTRE OF GRAV KG 3.500 M  
  
 DRAFT FORWARD 0.823 M METAC. HEIGHT GM 35.568 M  
  
 DRAFT AFT 0.323 M FREE SURFACE CORR. GG' 0.000 M  
  
 DRAFT MEAN 0.573 M CORR. METAC. HEIGHT G'M 35.568 M  
 ------------------------------------------------------------------------  
 L.C.B -0.133 M M.T.C 25.417 M\*TON  
  
 L.C.F -0.315 M T.P.C 7.440 MT/CM  
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 STAB. DATA NOT CALC.  
 ILLEGAL CHARACTER IN INPUT NO 8  
   
 ILLEGAL CHARACTER IN INPUT NO 8  
   
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
 \*\* INTERPOLATION RANGE OUT \*\* RETINT1 2410.833 2775.456 2037.581  
   
  
  
  
  
 CONDITION NO 20 FULLLOAD   
  
  
   
 WEIGHT L.C.G L-MOMT V.C.G V-MOMT F.S.M  
 DEADWEIGHT ITEMS   
 ton m ton\*m m ton\*m ton\*m  
 ==================================================================================  
 STORE 2.000 21.000 42.00 4.500 9.00 0.00  
 ----------------------------------------------------------------------------------  
 CARGO ON DECK 1675.960 -4.000 -6703.84 6.000 10055.76 0.00  
 ----------------------------------------------------------------------------------  
  
 ========================================================================  
 DEADWEIGHT 1677.960 -3.970 -6661.84 5.998 10064.76  
  
 LIGHT SHIP WEIGHT 410.560 2.963 1216.49 3.500 1436.96  
  
 TOTAL WEIGHT 2088.520 -2.607 -5445.35 5.507 11501.72  
 ========================================================================  
   
  
  
  
  
 CONDITION NO 20 FULLLOAD   
  
  
  
 ------------------------------------------------------------------------  
 DRAFT EQUIVALENT 2.687 M TRANSV. METACENTER KMT 9.734 M  
  
 TOTAL TRIM BY STERN -1.483 M VERT CENTRE OF GRAV KG 5.507 M  
  
 DRAFT FORWARD 1.945 M METAC. HEIGHT GM 4.227 M  
  
 DRAFT AFT 3.428 M FREE SURFACE CORR. GG' 0.000 M  
  
 DRAFT MEAN 2.686 M CORR. METAC. HEIGHT G'M 4.227 M  
 ------------------------------------------------------------------------  
 L.C.B -0.192 M M.T.C 34.020 M\*TON  
  
 L.C.F -0.021 M T.P.C 8.196 MT/CM  
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 STAB. DATA NOT CALC.

#######################################   
 # HYDROSTATICS CALCULATIONS #   
 #######################################   
  
  
  
  
 Ship No. : 100  
  
 Ship Name : L 50M CLASS PONTOON BARGE   
  
 Density of Sea Water : 1.025  
 Keelplate Thickness : 0.015  
 Shellplate Thickness : 0.015  
  
 Reference Position : Midship (Longitudinal)  
 : Keel Bottom (Vertical)  
  
  
  
  
 Abbreviation & Units  
 ====================  
  
 Draft : Draft Bottom of Keel ( m )  
 Volume : Volume Moulded ( m\*\*3 )  
 Dispt : Displacements ( ton )  
 T.P.C : Displacement per 1 cm Immersion (ton/cm)  
 M.T.C : Moment to Change Trim 1 cm ( ton\*m )  
 L.C.B : Longitudinal Center of Buoyancy ( m )  
 L.C.F : Longitudinal Center of Floating ( m )   
 K.B : Vertical Center of Buoyancy ( m )   
 K.M.T : Transverse Metacenter ( m )   
 K.M.L : Longitudinal Metacenter ( m )   
 I.M.T : Transverse Inertia Moment ( m\*\*4 )   
 CDIP : Change of Displacement for 1 cm   
 Trim by Stern ( ton )   
 W.P.Area : Water Plane Area Total ( m\*\*2 )   
 Wet.Surf. : Wetted Surface ( m\*\*2 )   
 CB : Block Coefficient   
 CP : Prismatic Coefficient   
 CW : Waterplane Area Coefficient   
 CM : Midship Section Area Coefficient   
  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
  
 ---------------------------------------------------------------------------  
 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
 ---------------------------------------------------------------------------  
   
 0.40 285.03 267.05 7.205 23.09 -0.104 0.138 0.187 54.308  
 0.41 292.26 274.06 7.225 23.28 -0.096 0.198 0.191 53.121  
 0.42 299.48 281.06 7.245 23.47 -0.089 0.258 0.196 51.991  
 0.43 306.84 288.20 7.272 23.74 -0.090 0.196 0.201 50.940  
 0.44 314.24 295.36 7.300 24.02 -0.092 0.109 0.207 49.944  
 0.45 321.63 302.52 7.328 24.30 -0.094 0.022 0.212 48.993  
 0.46 329.03 309.68 7.357 24.58 -0.096 -0.064 0.218 48.086  
 0.47 336.43 316.84 7.385 24.87 -0.098 -0.149 0.223 47.218  
 0.48 343.82 324.00 7.413 25.15 -0.100 -0.234 0.227 46.387  
 0.49 351.22 331.16 7.440 25.42 -0.102 -0.315 0.232 45.585  
   
 0.50 358.66 338.41 7.440 25.42 -0.106 -0.315 0.238 44.649  
 0.51 366.10 345.65 7.440 25.42 -0.110 -0.315 0.243 43.752  
 0.52 373.54 352.90 7.440 25.42 -0.114 -0.315 0.248 42.890  
 0.53 380.98 360.14 7.440 25.42 -0.118 -0.315 0.253 42.062  
 0.54 388.42 367.39 7.440 25.42 -0.122 -0.315 0.258 41.266  
 0.55 395.86 374.63 7.440 25.42 -0.126 -0.315 0.263 40.500  
 0.56 403.30 381.88 7.440 25.42 -0.129 -0.315 0.268 39.762  
 0.57 410.74 389.12 7.440 25.42 -0.133 -0.315 0.273 39.052  
 0.58 418.18 396.37 7.440 25.42 -0.136 -0.315 0.279 38.367  
 0.59 425.62 403.61 7.440 25.42 -0.139 -0.315 0.284 37.706  
   
 0.60 433.06 410.86 7.440 25.42 -0.142 -0.315 0.289 37.068  
 0.61 440.50 418.10 7.440 25.42 -0.145 -0.315 0.294 36.451  
 0.62 447.94 425.35 7.440 25.42 -0.148 -0.315 0.299 35.855  
 0.63 455.38 432.59 7.440 25.42 -0.150 -0.315 0.304 35.279  
 0.64 462.82 439.84 7.440 25.42 -0.153 -0.315 0.309 34.722  
 0.65 470.26 447.08 7.440 25.42 -0.156 -0.315 0.314 34.183  
 0.66 477.70 454.33 7.440 25.42 -0.158 -0.315 0.320 33.660  
 0.67 485.14 461.57 7.440 25.42 -0.161 -0.315 0.325 33.153  
 0.68 492.58 468.82 7.440 25.42 -0.163 -0.315 0.329 32.662  
 0.69 500.02 476.06 7.440 25.42 -0.165 -0.315 0.334 32.185  
   
 0.70 507.48 483.31 7.447 25.49 -0.167 -0.293 0.339 31.752  
 0.71 514.94 490.57 7.457 25.59 -0.167 -0.263 0.345 31.343  
 0.72 522.41 497.83 7.467 25.69 -0.168 -0.232 0.350 30.946  
 0.73 529.87 505.08 7.477 25.80 -0.169 -0.202 0.355 30.560  
 0.74 537.34 512.34 7.487 25.90 -0.170 -0.172 0.360 30.185  
 0.75 544.81 519.59 7.496 26.00 -0.171 -0.142 0.365 29.820  
 0.76 552.27 526.85 7.506 26.11 -0.172 -0.112 0.370 29.465  
 0.77 559.78 534.16 7.507 26.11 -0.171 -0.109 0.375 29.083  
 0.78 567.29 541.47 7.507 26.11 -0.170 -0.109 0.380 28.708  
 0.79 574.79 548.78 7.507 26.11 -0.170 -0.109 0.386 28.343  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
  
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 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
 ----------------------------------------------------------------------------  
   
 0.40 405.23 15050 -0.020 702.9 735.1 0.867 0.867 0.877 1.000  
 0.41 398.48 15091 -0.029 704.9 737.9 0.867 0.867 0.879 1.000  
 0.42 392.05 15133 -0.037 706.8 740.7 0.867 0.867 0.882 1.000  
 0.43 386.99 15189 -0.029 709.4 744.2 0.868 0.868 0.885 1.000  
 0.44 382.38 15247 -0.016 712.2 747.8 0.869 0.869 0.889 1.000  
 0.45 377.99 15306 -0.003 715.0 751.5 0.869 0.869 0.892 1.000  
 0.46 373.79 15365 0.009 717.7 755.1 0.870 0.870 0.895 1.000  
 0.47 369.78 15424 0.022 720.5 758.8 0.870 0.870 0.899 1.000  
 0.48 365.94 15483 0.035 723.2 762.4 0.871 0.871 0.902 1.000  
 0.49 362.09 15540 0.047 725.9 766.0 0.871 0.871 0.906 1.000  
   
 0.50 354.59 15540 0.047 725.9 766.9 0.872 0.872 0.906 1.000  
 0.51 347.39 15539 0.047 725.9 767.8 0.873 0.873 0.906 1.000  
 0.52 340.48 15539 0.047 725.9 768.7 0.874 0.874 0.906 1.000  
 0.53 333.84 15539 0.047 725.9 769.6 0.874 0.874 0.906 1.000  
 0.54 327.45 15539 0.047 725.9 770.5 0.875 0.875 0.906 1.000  
 0.55 321.31 15539 0.047 725.9 771.4 0.875 0.875 0.906 1.000  
 0.56 315.39 15539 0.047 725.9 772.3 0.876 0.876 0.906 1.000  
 0.57 309.68 15539 0.047 725.9 773.2 0.876 0.876 0.906 1.000  
 0.58 304.18 15539 0.047 725.8 774.1 0.877 0.877 0.906 1.000  
 0.59 298.87 15539 0.047 725.8 775.0 0.877 0.877 0.906 1.000  
   
 0.60 293.75 15538 0.047 725.8 775.9 0.878 0.878 0.906 1.000  
 0.61 288.79 15538 0.047 725.8 776.8 0.878 0.878 0.906 1.000  
 0.62 284.00 15538 0.047 725.8 777.8 0.879 0.879 0.906 1.000  
 0.63 279.37 15538 0.047 725.8 778.7 0.879 0.879 0.906 1.000  
 0.64 274.89 15538 0.047 725.8 779.6 0.880 0.880 0.906 1.000  
 0.65 270.55 15538 0.047 725.8 780.5 0.880 0.880 0.906 1.000  
 0.66 266.34 15538 0.047 725.8 781.4 0.880 0.880 0.906 1.000  
 0.67 262.27 15538 0.047 725.8 782.3 0.881 0.881 0.906 1.000  
 0.68 258.32 15537 0.047 725.8 783.2 0.881 0.881 0.906 1.000  
 0.69 254.48 15537 0.047 725.8 784.1 0.882 0.882 0.906 1.000  
   
 0.70 251.46 15552 0.044 726.5 785.7 0.882 0.882 0.906 1.000  
 0.71 248.83 15573 0.039 727.5 787.6 0.882 0.882 0.908 1.000  
 0.72 246.27 15593 0.035 728.5 789.4 0.883 0.883 0.909 1.000  
 0.73 243.78 15614 0.030 729.4 791.3 0.883 0.883 0.910 1.000  
 0.74 241.36 15635 0.026 730.4 793.2 0.883 0.883 0.911 1.000  
 0.75 239.00 15655 0.021 731.4 795.1 0.884 0.884 0.912 1.000  
 0.76 236.71 15676 0.017 732.3 796.9 0.884 0.884 0.914 1.000  
 0.77 233.62 15677 0.016 732.4 797.9 0.884 0.884 0.914 1.000  
 0.78 230.54 15677 0.016 732.4 798.8 0.885 0.885 0.914 1.000  
 0.79 227.54 15677 0.016 732.4 799.8 0.885 0.885 0.914 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
  
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 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
 ---------------------------------------------------------------------------  
   
 0.80 582.30 556.09 7.507 26.11 -0.169 -0.109 0.391 27.987  
 0.81 589.81 563.40 7.507 26.11 -0.168 -0.109 0.396 27.641  
 0.82 597.31 570.71 7.507 26.11 -0.167 -0.109 0.400 27.303  
 0.83 604.83 578.02 7.509 26.13 -0.167 -0.116 0.405 26.981  
 0.84 612.36 585.34 7.523 26.28 -0.167 -0.159 0.411 26.708  
 0.85 619.90 592.66 7.537 26.43 -0.168 -0.202 0.416 26.443  
 0.86 627.44 599.98 7.551 26.58 -0.168 -0.246 0.421 26.183  
 0.87 634.97 607.29 7.566 26.73 -0.168 -0.289 0.426 25.930  
 0.88 642.51 614.61 7.580 26.88 -0.169 -0.331 0.431 25.683  
 0.89 650.05 621.93 7.594 27.03 -0.169 -0.374 0.436 25.441  
   
 0.90 657.61 629.28 7.603 27.12 -0.170 -0.401 0.441 25.188  
 0.91 665.21 636.69 7.603 27.12 -0.173 -0.401 0.446 24.910  
 0.92 672.81 644.09 7.603 27.12 -0.176 -0.401 0.452 24.639  
 0.93 680.42 651.49 7.603 27.12 -0.178 -0.401 0.457 24.373  
 0.94 688.02 658.90 7.603 27.12 -0.181 -0.401 0.462 24.114  
 0.95 695.62 666.30 7.603 27.12 -0.183 -0.401 0.467 23.860  
 0.96 703.22 673.70 7.603 27.12 -0.185 -0.401 0.472 23.612  
 0.97 710.83 681.11 7.603 27.12 -0.188 -0.401 0.477 23.370  
 0.98 718.43 688.51 7.603 27.12 -0.190 -0.401 0.482 23.132  
 0.99 726.03 695.91 7.603 27.12 -0.192 -0.401 0.488 22.900  
   
 1.00 733.63 703.32 7.603 27.12 -0.194 -0.401 0.493 22.673  
 1.01 741.24 710.72 7.603 27.12 -0.196 -0.401 0.498 22.450  
 1.02 748.84 718.12 7.602 27.12 -0.198 -0.401 0.503 22.232  
 1.03 756.44 725.52 7.602 27.12 -0.201 -0.401 0.507 22.019  
 1.04 764.05 732.93 7.602 27.12 -0.203 -0.401 0.513 21.810  
 1.05 771.65 740.33 7.602 27.12 -0.204 -0.401 0.518 21.605  
 1.06 779.25 747.73 7.602 27.12 -0.206 -0.401 0.523 21.404  
 1.07 786.85 755.14 7.602 27.12 -0.208 -0.401 0.528 21.208  
 1.08 794.45 762.54 7.602 27.12 -0.210 -0.401 0.533 21.014  
 1.09 802.06 769.94 7.602 27.12 -0.212 -0.401 0.538 20.825  
   
 1.10 809.66 777.35 7.603 27.13 -0.214 -0.400 0.543 20.641  
 1.11 817.40 784.85 7.623 27.34 -0.212 -0.338 0.549 20.508  
 1.12 825.14 792.36 7.643 27.56 -0.209 -0.277 0.554 20.378  
 1.13 832.87 799.86 7.663 27.78 -0.207 -0.216 0.559 20.250  
 1.14 840.61 807.37 7.682 28.00 -0.205 -0.155 0.564 20.124  
 1.15 848.35 814.87 7.702 28.21 -0.204 -0.095 0.569 20.001  
 1.16 856.08 822.38 7.722 28.43 -0.202 -0.035 0.574 19.880  
 1.17 863.82 829.89 7.737 28.59 -0.200 0.010 0.579 19.749  
 1.18 871.56 837.42 7.737 28.59 -0.198 0.010 0.585 19.585  
 1.19 879.29 844.96 7.737 28.59 -0.196 0.010 0.590 19.422  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
  
 ----------------------------------------------------------------------------  
 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
 ----------------------------------------------------------------------------  
   
 0.80 224.61 15677 0.016 732.4 800.7 0.885 0.885 0.914 1.000  
 0.81 221.76 15677 0.016 732.4 801.6 0.886 0.886 0.914 1.000  
 0.82 218.98 15677 0.016 732.4 802.5 0.886 0.886 0.914 1.000  
 0.83 216.45 15681 0.017 732.6 803.6 0.887 0.887 0.914 1.000  
 0.84 215.02 15710 0.024 734.0 805.9 0.887 0.887 0.916 1.000  
 0.85 213.62 15740 0.031 735.3 808.2 0.887 0.887 0.917 1.000  
 0.86 212.25 15769 0.037 736.7 810.5 0.888 0.888 0.919 1.000  
 0.87 210.92 15799 0.044 738.1 812.8 0.888 0.888 0.921 1.000  
 0.88 209.62 15828 0.050 739.5 815.1 0.888 0.888 0.923 1.000  
 0.89 208.34 15857 0.057 740.9 817.4 0.888 0.888 0.924 1.000  
   
 0.90 206.68 15876 0.061 741.7 819.2 0.889 0.889 0.925 1.000  
 0.91 204.33 15876 0.061 741.7 820.1 0.889 0.889 0.925 1.000  
 0.92 202.03 15876 0.061 741.7 821.0 0.890 0.890 0.925 1.000  
 0.93 199.78 15876 0.061 741.7 821.9 0.890 0.890 0.925 1.000  
 0.94 197.58 15876 0.061 741.7 822.9 0.890 0.890 0.925 1.000  
 0.95 195.43 15876 0.061 741.7 823.8 0.891 0.891 0.925 1.000  
 0.96 193.33 15875 0.061 741.7 824.7 0.891 0.891 0.925 1.000  
 0.97 191.27 15875 0.061 741.7 825.6 0.891 0.891 0.925 1.000  
 0.98 189.25 15875 0.061 741.7 826.6 0.892 0.892 0.925 1.000  
 0.99 187.28 15875 0.061 741.7 827.5 0.892 0.892 0.925 1.000  
   
 1.00 185.35 15875 0.061 741.7 828.4 0.893 0.893 0.925 1.000  
 1.01 183.46 15875 0.061 741.7 829.3 0.893 0.893 0.925 1.000  
 1.02 181.60 15875 0.061 741.7 830.3 0.893 0.893 0.925 1.000  
 1.03 179.79 15875 0.061 741.7 831.2 0.894 0.894 0.925 1.000  
 1.04 178.01 15874 0.061 741.7 832.1 0.894 0.894 0.925 1.000  
 1.05 176.26 15874 0.061 741.7 833.0 0.894 0.894 0.925 1.000  
 1.06 174.55 15874 0.061 741.7 834.0 0.894 0.894 0.925 1.000  
 1.07 172.88 15874 0.061 741.7 834.9 0.895 0.895 0.925 1.000  
 1.08 171.23 15874 0.061 741.7 835.8 0.895 0.895 0.925 1.000  
 1.09 169.62 15874 0.061 741.7 836.7 0.895 0.895 0.925 1.000  
   
 1.10 168.07 15875 0.061 741.7 837.7 0.896 0.896 0.925 1.000  
 1.11 167.81 15916 0.052 743.7 840.6 0.896 0.896 0.928 1.000  
 1.12 167.57 15958 0.042 745.6 843.5 0.896 0.896 0.930 1.000  
 1.13 167.32 15999 0.033 747.6 846.4 0.897 0.897 0.933 1.000  
 1.14 167.08 16041 0.024 749.5 849.2 0.897 0.897 0.935 1.000  
 1.15 166.85 16082 0.015 751.5 852.1 0.897 0.897 0.938 1.000  
 1.16 166.62 16124 0.005 753.4 855.0 0.898 0.898 0.940 1.000  
 1.17 166.08 16155 -0.002 754.9 857.4 0.898 0.898 0.942 1.000  
 1.18 164.62 16155 -0.002 754.9 858.3 0.899 0.899 0.942 1.000  
 1.19 163.18 16155 -0.002 754.9 859.3 0.899 0.899 0.942 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
  
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 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
 ---------------------------------------------------------------------------  
   
 1.20 887.03 852.49 7.737 28.59 -0.194 0.010 0.595 19.263  
 1.21 894.77 860.03 7.737 28.59 -0.192 0.010 0.600 19.107  
 1.22 902.51 867.56 7.737 28.59 -0.191 0.010 0.605 18.953  
 1.23 910.24 875.10 7.737 28.59 -0.189 0.010 0.610 18.802  
 1.24 917.98 882.63 7.737 28.59 -0.187 0.010 0.615 18.654  
 1.25 925.72 890.16 7.737 28.59 -0.186 0.010 0.621 18.508  
 1.26 933.45 897.70 7.737 28.59 -0.184 0.010 0.626 18.365  
 1.27 941.19 905.23 7.737 28.59 -0.182 0.010 0.631 18.224  
 1.28 948.93 912.77 7.737 28.59 -0.181 0.010 0.636 18.086  
 1.29 956.67 920.30 7.737 28.59 -0.179 0.010 0.641 17.949  
   
 1.30 964.40 927.84 7.737 28.59 -0.178 0.010 0.646 17.815  
 1.31 972.25 935.45 7.756 28.81 -0.179 -0.050 0.651 17.725  
 1.32 980.15 943.11 7.785 29.13 -0.182 -0.138 0.657 17.654  
 1.33 988.06 950.76 7.813 29.45 -0.184 -0.225 0.662 17.584  
 1.34 995.96 958.41 7.841 29.78 -0.187 -0.311 0.667 17.516  
 1.35 1003.86 966.07 7.869 30.10 -0.189 -0.396 0.673 17.449  
 1.36 1011.76 973.72 7.898 30.42 -0.191 -0.481 0.678 17.383  
 1.37 1019.67 981.37 7.926 30.74 -0.194 -0.566 0.683 17.317  
 1.38 1027.59 989.09 7.929 30.77 -0.197 -0.573 0.688 17.200  
 1.39 1035.52 996.81 7.929 30.77 -0.200 -0.573 0.693 17.079  
   
 1.40 1043.45 1004.53 7.929 30.77 -0.202 -0.573 0.699 16.959  
 1.41 1051.38 1012.25 7.929 30.77 -0.205 -0.573 0.704 16.842  
 1.42 1059.31 1019.97 7.929 30.77 -0.208 -0.574 0.709 16.726  
 1.43 1067.23 1027.69 7.928 30.77 -0.211 -0.574 0.714 16.612  
 1.44 1075.17 1035.42 7.930 30.78 -0.213 -0.570 0.719 16.502  
 1.45 1083.14 1043.16 7.940 30.90 -0.215 -0.539 0.725 16.411  
 1.46 1091.10 1050.91 7.950 31.02 -0.217 -0.509 0.730 16.321  
 1.47 1099.07 1058.65 7.960 31.13 -0.218 -0.478 0.735 16.233  
 1.48 1107.04 1066.40 7.970 31.25 -0.220 -0.448 0.740 16.146  
 1.49 1115.01 1074.14 7.979 31.37 -0.222 -0.418 0.746 16.060  
   
 1.50 1122.98 1081.89 7.989 31.48 -0.223 -0.388 0.751 15.975  
 1.51 1130.96 1089.64 7.996 31.56 -0.225 -0.368 0.756 15.885  
 1.52 1138.95 1097.43 7.996 31.56 -0.226 -0.368 0.761 15.784  
 1.53 1146.95 1105.22 7.996 31.56 -0.227 -0.368 0.766 15.685  
 1.54 1154.94 1113.00 7.996 31.56 -0.228 -0.368 0.772 15.586  
 1.55 1162.94 1120.79 7.996 31.56 -0.229 -0.368 0.777 15.490  
 1.56 1170.94 1128.58 7.996 31.56 -0.230 -0.368 0.782 15.394  
 1.57 1178.93 1136.36 7.996 31.56 -0.231 -0.368 0.787 15.300  
 1.58 1186.93 1144.15 7.996 31.56 -0.232 -0.368 0.792 15.207  
 1.59 1194.92 1151.93 7.996 31.56 -0.232 -0.368 0.798 15.116  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
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 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
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 1.20 161.77 16155 -0.002 754.9 860.2 0.899 0.899 0.942 1.000  
 1.21 160.38 16155 -0.002 754.9 861.2 0.900 0.900 0.942 1.000  
 1.22 159.01 16155 -0.002 754.8 862.1 0.900 0.900 0.942 1.000  
 1.23 157.67 16154 -0.002 754.8 863.0 0.900 0.900 0.942 1.000  
 1.24 156.35 16154 -0.002 754.8 864.0 0.901 0.901 0.942 1.000  
 1.25 155.05 16154 -0.002 754.8 864.9 0.901 0.901 0.942 1.000  
 1.26 153.78 16154 -0.002 754.8 865.9 0.901 0.901 0.942 1.000  
 1.27 152.52 16154 -0.002 754.8 866.8 0.902 0.902 0.942 1.000  
 1.28 151.29 16154 -0.002 754.8 867.8 0.902 0.902 0.942 1.000  
 1.29 150.07 16154 -0.002 754.8 868.7 0.902 0.902 0.942 1.000  
   
 1.30 148.88 16154 -0.002 754.8 869.6 0.903 0.903 0.942 1.000  
 1.31 148.82 16194 0.008 756.7 872.5 0.903 0.903 0.944 1.000  
 1.32 149.27 16253 0.021 759.5 876.2 0.903 0.903 0.948 1.000  
 1.33 149.71 16312 0.035 762.2 879.9 0.904 0.904 0.951 1.000  
 1.34 150.15 16371 0.049 765.0 883.6 0.904 0.904 0.954 1.000  
 1.35 150.58 16430 0.062 767.8 887.3 0.905 0.905 0.958 1.000  
 1.36 151.00 16489 0.076 770.5 891.0 0.905 0.905 0.961 1.000  
 1.37 151.42 16548 0.090 773.3 894.7 0.905 0.905 0.965 1.000  
 1.38 150.40 16553 0.091 773.5 896.0 0.906 0.906 0.965 1.000  
 1.39 149.26 16553 0.091 773.5 896.9 0.906 0.906 0.965 1.000  
   
 1.40 148.14 16553 0.091 773.5 897.9 0.907 0.907 0.965 1.000  
 1.41 147.03 16553 0.091 773.5 898.9 0.907 0.907 0.965 1.000  
 1.42 145.94 16553 0.091 773.5 899.8 0.907 0.907 0.965 1.000  
 1.43 144.87 16552 0.091 773.5 900.8 0.908 0.908 0.965 1.000  
 1.44 143.88 16555 0.090 773.6 901.9 0.908 0.908 0.965 1.000  
 1.45 143.37 16576 0.086 774.6 903.8 0.909 0.909 0.966 1.000  
 1.46 142.87 16596 0.081 775.6 905.8 0.909 0.909 0.968 1.000  
 1.47 142.37 16617 0.076 776.5 907.7 0.909 0.909 0.969 1.000  
 1.48 141.89 16638 0.071 777.5 909.6 0.910 0.910 0.970 1.000  
 1.49 141.41 16658 0.067 778.5 911.6 0.910 0.910 0.971 1.000  
   
 1.50 140.94 16679 0.062 779.5 913.5 0.911 0.911 0.972 1.000  
 1.51 140.29 16693 0.059 780.1 915.1 0.911 0.911 0.973 1.000  
 1.52 139.31 16693 0.059 780.1 916.1 0.911 0.911 0.973 1.000  
 1.53 138.35 16692 0.059 780.1 917.1 0.912 0.912 0.973 1.000  
 1.54 137.40 16692 0.059 780.1 918.0 0.912 0.912 0.973 1.000  
 1.55 136.47 16692 0.059 780.1 919.0 0.913 0.913 0.973 1.000  
 1.56 135.55 16692 0.059 780.1 920.0 0.913 0.913 0.973 1.000  
 1.57 134.64 16692 0.059 780.1 921.0 0.913 0.913 0.973 1.000  
 1.58 133.74 16692 0.059 780.1 921.9 0.914 0.914 0.973 1.000  
 1.59 132.86 16692 0.059 780.1 922.9 0.914 0.914 0.973 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
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 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
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 1.60 1202.92 1159.72 7.996 31.56 -0.233 -0.368 0.803 15.026  
 1.61 1210.91 1167.51 7.996 31.56 -0.234 -0.368 0.808 14.937  
 1.62 1218.91 1175.29 7.996 31.56 -0.235 -0.368 0.813 14.850  
 1.63 1226.91 1183.08 7.996 31.56 -0.236 -0.368 0.818 14.763  
 1.64 1234.90 1190.86 7.996 31.56 -0.237 -0.368 0.823 14.678  
 1.65 1242.90 1198.65 7.996 31.56 -0.238 -0.368 0.829 14.594  
 1.66 1250.89 1206.44 7.996 31.56 -0.239 -0.368 0.834 14.511  
 1.67 1258.89 1214.22 7.996 31.56 -0.239 -0.368 0.839 14.429  
 1.68 1266.88 1222.01 7.996 31.56 -0.240 -0.368 0.844 14.349  
 1.69 1274.88 1229.79 7.996 31.56 -0.241 -0.368 0.850 14.269  
   
 1.70 1282.87 1237.58 7.996 31.56 -0.242 -0.368 0.855 14.190  
 1.71 1290.87 1245.37 7.996 31.56 -0.243 -0.368 0.860 14.113  
 1.72 1298.88 1253.16 8.002 31.64 -0.244 -0.388 0.865 14.046  
 1.73 1306.90 1260.95 8.009 31.72 -0.245 -0.408 0.870 13.979  
 1.74 1314.91 1268.75 8.015 31.80 -0.246 -0.428 0.876 13.913  
 1.75 1322.92 1276.54 8.022 31.87 -0.247 -0.448 0.881 13.849  
 1.76 1330.94 1284.34 8.028 31.95 -0.248 -0.468 0.886 13.785  
 1.77 1338.95 1292.13 8.035 32.03 -0.249 -0.488 0.891 13.721  
 1.78 1346.97 1299.93 8.040 32.09 -0.250 -0.504 0.896 13.657  
 1.79 1355.01 1307.76 8.040 32.09 -0.252 -0.504 0.901 13.586  
   
 1.80 1363.05 1315.59 8.040 32.09 -0.253 -0.504 0.907 13.517  
 1.81 1371.09 1323.42 8.040 32.09 -0.255 -0.504 0.912 13.448  
 1.82 1379.13 1331.25 8.040 32.09 -0.256 -0.504 0.917 13.380  
 1.83 1387.17 1339.08 8.040 32.09 -0.258 -0.504 0.922 13.313  
 1.84 1395.21 1346.91 8.040 32.09 -0.259 -0.504 0.927 13.246  
 1.85 1403.32 1354.79 8.048 32.19 -0.259 -0.478 0.932 13.192  
 1.86 1411.51 1362.74 8.067 32.43 -0.258 -0.419 0.938 13.152  
 1.87 1419.70 1370.69 8.086 32.66 -0.257 -0.361 0.943 13.113  
 1.88 1427.89 1378.63 8.105 32.89 -0.255 -0.303 0.948 13.074  
 1.89 1436.08 1386.58 8.124 33.12 -0.254 -0.245 0.954 13.036  
   
 1.90 1444.27 1394.53 8.143 33.35 -0.253 -0.188 0.959 12.998  
 1.91 1452.46 1402.48 8.162 33.58 -0.252 -0.131 0.964 12.960  
 1.92 1460.64 1410.43 8.168 33.66 -0.251 -0.112 0.969 12.907  
 1.93 1468.81 1418.39 8.168 33.66 -0.250 -0.112 0.974 12.846  
 1.94 1476.97 1426.34 8.168 33.66 -0.249 -0.112 0.980 12.785  
 1.95 1485.14 1434.29 8.168 33.66 -0.249 -0.112 0.985 12.725  
 1.96 1493.31 1442.25 8.168 33.66 -0.248 -0.112 0.990 12.666  
 1.97 1501.48 1450.20 8.168 33.66 -0.247 -0.112 0.995 12.608  
 1.98 1509.65 1458.16 8.168 33.66 -0.246 -0.112 1.000 12.550  
 1.99 1517.81 1466.11 8.168 33.66 -0.246 -0.112 1.006 12.493  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
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 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
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 1.60 131.98 16692 0.059 780.1 923.9 0.915 0.915 0.973 1.000  
 1.61 131.12 16691 0.059 780.1 924.9 0.915 0.915 0.973 1.000  
 1.62 130.27 16691 0.059 780.1 925.8 0.915 0.915 0.973 1.000  
 1.63 129.43 16691 0.059 780.1 926.8 0.916 0.916 0.973 1.000  
 1.64 128.60 16691 0.059 780.1 927.8 0.916 0.916 0.973 1.000  
 1.65 127.79 16691 0.059 780.1 928.8 0.916 0.916 0.973 1.000  
 1.66 126.98 16691 0.059 780.1 929.7 0.917 0.917 0.973 1.000  
 1.67 126.18 16691 0.059 780.1 930.7 0.917 0.917 0.973 1.000  
 1.68 125.40 16691 0.059 780.1 931.7 0.917 0.917 0.973 1.000  
 1.69 124.62 16690 0.059 780.1 932.6 0.918 0.918 0.973 1.000  
   
 1.70 123.85 16690 0.059 780.1 933.6 0.918 0.918 0.973 1.000  
 1.71 123.10 16690 0.059 780.1 934.6 0.918 0.918 0.973 1.000  
 1.72 122.65 16702 0.062 780.7 936.2 0.919 0.919 0.974 1.000  
 1.73 122.21 16714 0.065 781.3 937.8 0.919 0.919 0.975 1.000  
 1.74 121.78 16725 0.069 782.0 939.4 0.919 0.919 0.976 1.000  
 1.75 121.35 16737 0.072 782.6 941.0 0.920 0.920 0.976 1.000  
 1.76 120.92 16748 0.075 783.2 942.7 0.920 0.920 0.977 1.000  
 1.77 120.50 16760 0.078 783.9 944.3 0.920 0.920 0.978 1.000  
 1.78 120.02 16769 0.081 784.4 945.7 0.921 0.921 0.979 1.000  
 1.79 119.32 16769 0.081 784.4 946.7 0.921 0.921 0.979 1.000  
   
 1.80 118.63 16768 0.081 784.4 947.7 0.921 0.921 0.979 1.000  
 1.81 117.94 16768 0.081 784.4 948.7 0.922 0.922 0.979 1.000  
 1.82 117.26 16768 0.081 784.4 949.7 0.922 0.922 0.979 1.000  
 1.83 116.59 16768 0.081 784.4 950.6 0.922 0.922 0.979 1.000  
 1.84 115.93 16768 0.081 784.4 951.6 0.923 0.923 0.979 1.000  
 1.85 115.64 16784 0.077 785.2 953.4 0.923 0.923 0.980 1.000  
 1.86 115.80 16820 0.068 787.0 956.3 0.923 0.923 0.982 1.000  
 1.87 115.96 16856 0.058 788.9 959.1 0.924 0.924 0.984 1.000  
 1.88 116.11 16891 0.049 790.7 962.0 0.924 0.924 0.987 1.000  
 1.89 116.27 16927 0.040 792.6 964.8 0.924 0.924 0.989 1.000  
   
 1.90 116.42 16963 0.031 794.4 967.6 0.925 0.925 0.991 1.000  
 1.91 116.57 16999 0.021 796.3 970.5 0.925 0.925 0.993 1.000  
 1.92 116.19 17011 0.018 796.9 972.1 0.925 0.925 0.994 1.000  
 1.93 115.55 17011 0.018 796.9 973.1 0.926 0.926 0.994 1.000  
 1.94 114.92 17011 0.018 796.9 974.1 0.926 0.926 0.994 1.000  
 1.95 114.30 17010 0.018 796.9 975.1 0.927 0.927 0.994 1.000  
 1.96 113.69 17010 0.018 796.9 976.1 0.927 0.927 0.994 1.000  
 1.97 113.08 17010 0.018 796.9 977.1 0.927 0.927 0.994 1.000  
 1.98 112.48 17010 0.018 796.9 978.1 0.928 0.928 0.994 1.000  
 1.99 111.88 17010 0.018 796.9 979.1 0.928 0.928 0.994 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
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 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
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 2.00 1525.98 1474.06 8.168 33.66 -0.245 -0.112 1.011 12.437  
 2.01 1534.15 1482.02 8.168 33.66 -0.244 -0.112 1.016 12.381  
 2.02 1542.32 1489.97 8.168 33.66 -0.244 -0.112 1.022 12.326  
 2.03 1550.49 1497.92 8.168 33.66 -0.243 -0.112 1.027 12.272  
 2.04 1558.65 1505.88 8.168 33.66 -0.242 -0.112 1.032 12.218  
 2.05 1566.82 1513.83 8.168 33.66 -0.242 -0.112 1.037 12.165  
 2.06 1574.99 1521.79 8.168 33.66 -0.241 -0.112 1.042 12.112  
 2.07 1583.16 1529.74 8.168 33.66 -0.240 -0.112 1.047 12.060  
 2.08 1591.33 1537.69 8.168 33.66 -0.240 -0.112 1.053 12.009  
 2.09 1599.49 1545.65 8.168 33.66 -0.239 -0.112 1.058 11.958  
   
 2.10 1607.66 1553.60 8.168 33.66 -0.238 -0.112 1.063 11.908  
 2.11 1615.83 1561.55 8.168 33.66 -0.238 -0.112 1.068 11.858  
 2.12 1624.00 1569.51 8.168 33.66 -0.237 -0.112 1.073 11.809  
 2.13 1632.16 1577.46 8.168 33.66 -0.236 -0.112 1.079 11.760  
 2.14 1640.33 1585.41 8.168 33.66 -0.236 -0.112 1.084 11.712  
 2.15 1648.50 1593.37 8.168 33.66 -0.235 -0.112 1.089 11.665  
 2.16 1656.67 1601.32 8.168 33.66 -0.235 -0.112 1.094 11.618  
 2.17 1664.84 1609.27 8.168 33.66 -0.234 -0.112 1.099 11.571  
 2.18 1673.00 1617.23 8.168 33.66 -0.233 -0.112 1.104 11.525  
 2.19 1681.18 1625.19 8.170 33.69 -0.233 -0.104 1.110 11.482  
   
 2.20 1689.37 1633.16 8.174 33.74 -0.232 -0.091 1.115 11.441  
 2.21 1697.56 1641.13 8.179 33.79 -0.231 -0.078 1.120 11.400  
 2.22 1705.76 1649.10 8.183 33.85 -0.230 -0.064 1.125 11.360  
 2.23 1713.95 1657.07 8.187 33.90 -0.229 -0.051 1.130 11.321  
 2.24 1722.14 1665.04 8.192 33.96 -0.228 -0.038 1.136 11.282  
 2.25 1730.33 1673.01 8.196 34.01 -0.227 -0.024 1.141 11.243  
 2.26 1738.52 1680.99 8.197 34.03 -0.226 -0.021 1.146 11.201  
 2.27 1746.72 1688.97 8.197 34.03 -0.225 -0.021 1.151 11.159  
 2.28 1754.92 1696.95 8.197 34.03 -0.224 -0.021 1.156 11.118  
 2.29 1763.11 1704.93 8.197 34.03 -0.223 -0.021 1.162 11.076  
   
 2.30 1771.31 1712.91 8.197 34.03 -0.222 -0.021 1.167 11.036  
 2.31 1779.51 1720.90 8.197 34.03 -0.221 -0.021 1.172 10.995  
 2.32 1787.70 1728.88 8.197 34.03 -0.221 -0.021 1.177 10.955  
 2.33 1795.90 1736.86 8.197 34.02 -0.220 -0.021 1.182 10.916  
 2.34 1804.10 1744.84 8.197 34.02 -0.219 -0.021 1.187 10.877  
 2.35 1812.29 1752.82 8.197 34.02 -0.218 -0.021 1.193 10.838  
 2.36 1820.49 1760.81 8.197 34.02 -0.217 -0.021 1.198 10.800  
 2.37 1828.69 1768.79 8.197 34.02 -0.216 -0.021 1.203 10.762  
 2.38 1836.89 1776.77 8.197 34.02 -0.215 -0.021 1.208 10.724  
 2.39 1845.08 1784.75 8.197 34.02 -0.214 -0.021 1.213 10.687  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
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 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
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 2.00 111.29 17010 0.018 796.9 980.1 0.928 0.928 0.994 1.000  
 2.01 110.71 17010 0.018 796.9 981.1 0.929 0.929 0.994 1.000  
 2.02 110.13 17010 0.018 796.9 982.0 0.929 0.929 0.994 1.000  
 2.03 109.56 17010 0.018 796.9 983.0 0.929 0.929 0.994 1.000  
 2.04 109.00 17009 0.018 796.9 984.0 0.930 0.930 0.994 1.000  
 2.05 108.44 17009 0.018 796.9 985.0 0.930 0.930 0.994 1.000  
 2.06 107.89 17009 0.018 796.9 986.0 0.930 0.930 0.994 1.000  
 2.07 107.34 17009 0.018 796.9 987.0 0.930 0.930 0.994 1.000  
 2.08 106.80 17009 0.018 796.9 988.0 0.931 0.931 0.994 1.000  
 2.09 106.27 17009 0.018 796.9 989.0 0.931 0.931 0.994 1.000  
   
 2.10 105.74 17009 0.018 796.9 990.0 0.931 0.931 0.994 1.000  
 2.11 105.21 17009 0.018 796.9 991.0 0.932 0.932 0.994 1.000  
 2.12 104.69 17009 0.018 796.9 992.0 0.932 0.932 0.994 1.000  
 2.13 104.18 17008 0.018 796.9 993.0 0.932 0.932 0.994 1.000  
 2.14 103.67 17008 0.018 796.9 994.0 0.933 0.933 0.994 1.000  
 2.15 103.17 17008 0.018 796.8 995.0 0.933 0.933 0.994 1.000  
 2.16 102.67 17008 0.018 796.8 996.0 0.933 0.933 0.994 1.000  
 2.17 102.18 17008 0.018 796.8 997.0 0.933 0.933 0.994 1.000  
 2.18 101.69 17008 0.018 796.8 998.0 0.934 0.934 0.994 1.000  
 2.19 101.29 17012 0.017 797.1 999.2 0.934 0.934 0.994 1.000  
   
 2.20 100.97 17019 0.015 797.5 1000.6 0.934 0.934 0.995 1.000  
 2.21 100.66 17025 0.013 797.9 1002.1 0.935 0.935 0.996 1.000  
 2.22 100.35 17032 0.011 798.3 1003.5 0.935 0.935 0.996 1.000  
 2.23 100.04 17039 0.008 798.8 1004.9 0.935 0.935 0.997 1.000  
 2.24 99.73 17046 0.006 799.2 1006.3 0.935 0.935 0.997 1.000  
 2.25 99.43 17053 0.004 799.6 1007.7 0.936 0.936 0.998 1.000  
 2.26 99.00 17054 0.003 799.7 1008.8 0.936 0.936 0.998 1.000  
 2.27 98.55 17054 0.003 799.7 1009.8 0.936 0.936 0.998 1.000  
 2.28 98.10 17054 0.003 799.7 1010.8 0.937 0.937 0.998 1.000  
 2.29 97.65 17054 0.003 799.7 1011.8 0.937 0.937 0.998 1.000  
   
 2.30 97.21 17054 0.003 799.7 1012.8 0.937 0.937 0.998 1.000  
 2.31 96.77 17054 0.003 799.7 1013.8 0.937 0.937 0.998 1.000  
 2.32 96.34 17054 0.003 799.7 1014.8 0.938 0.938 0.998 1.000  
 2.33 95.91 17054 0.003 799.7 1015.8 0.938 0.938 0.998 1.000  
 2.34 95.49 17054 0.003 799.7 1016.8 0.938 0.938 0.998 1.000  
 2.35 95.06 17053 0.003 799.7 1017.8 0.938 0.938 0.998 1.000  
 2.36 94.65 17053 0.003 799.7 1018.8 0.939 0.939 0.998 1.000  
 2.37 94.23 17053 0.003 799.7 1019.8 0.939 0.939 0.998 1.000  
 2.38 93.82 17053 0.003 799.7 1020.8 0.939 0.939 0.998 1.000  
 2.39 93.42 17053 0.003 799.7 1021.8 0.939 0.939 0.998 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
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 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
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 2.40 1853.28 1792.73 8.197 34.02 -0.213 -0.021 1.218 10.650  
 2.41 1861.48 1800.72 8.197 34.02 -0.213 -0.021 1.224 10.614  
 2.42 1869.67 1808.70 8.197 34.02 -0.212 -0.021 1.229 10.578  
 2.43 1877.87 1816.68 8.197 34.02 -0.211 -0.021 1.234 10.542  
 2.44 1886.07 1824.66 8.197 34.02 -0.210 -0.021 1.239 10.507  
 2.45 1894.26 1832.64 8.197 34.02 -0.209 -0.021 1.244 10.471  
 2.46 1902.46 1840.63 8.197 34.02 -0.208 -0.021 1.249 10.437  
 2.47 1910.66 1848.61 8.197 34.02 -0.208 -0.021 1.254 10.403  
 2.48 1918.85 1856.59 8.197 34.02 -0.207 -0.021 1.260 10.369  
 2.49 1927.05 1864.57 8.197 34.02 -0.206 -0.021 1.265 10.335  
   
 2.50 1935.25 1872.55 8.197 34.02 -0.205 -0.021 1.270 10.302  
 2.51 1943.44 1880.53 8.197 34.02 -0.205 -0.021 1.275 10.269  
 2.52 1951.64 1888.52 8.197 34.02 -0.204 -0.021 1.280 10.236  
 2.53 1959.84 1896.50 8.197 34.02 -0.203 -0.021 1.285 10.203  
 2.54 1968.03 1904.48 8.197 34.02 -0.202 -0.021 1.290 10.172  
 2.55 1976.23 1912.46 8.197 34.02 -0.201 -0.021 1.296 10.140  
 2.56 1984.43 1920.44 8.197 34.02 -0.201 -0.021 1.301 10.108  
 2.57 1992.62 1928.42 8.197 34.02 -0.200 -0.021 1.306 10.077  
 2.58 2000.82 1936.41 8.197 34.02 -0.199 -0.021 1.311 10.046  
 2.59 2009.02 1944.39 8.196 34.02 -0.199 -0.021 1.316 10.016  
   
 2.60 2017.21 1952.37 8.196 34.02 -0.198 -0.021 1.321 9.985  
 2.61 2025.41 1960.35 8.196 34.02 -0.197 -0.021 1.326 9.956  
 2.62 2033.60 1968.33 8.196 34.02 -0.196 -0.021 1.332 9.926  
 2.63 2041.80 1976.31 8.196 34.02 -0.196 -0.021 1.337 9.896  
 2.64 2050.00 1984.30 8.196 34.02 -0.195 -0.021 1.342 9.867  
 2.65 2058.19 1992.28 8.196 34.02 -0.194 -0.021 1.347 9.838  
 2.66 2066.39 2000.26 8.196 34.02 -0.194 -0.021 1.352 9.810  
 2.67 2074.59 2008.24 8.196 34.02 -0.193 -0.021 1.357 9.781  
 2.68 2082.78 2016.22 8.196 34.02 -0.192 -0.021 1.362 9.753  
 2.69 2090.98 2024.20 8.196 34.02 -0.192 -0.021 1.368 9.726  
   
 2.70 2099.18 2032.18 8.196 34.02 -0.191 -0.021 1.373 9.698  
 2.71 2107.37 2040.17 8.196 34.02 -0.190 -0.021 1.378 9.671  
 2.72 2115.57 2048.15 8.196 34.02 -0.190 -0.021 1.383 9.644  
 2.73 2123.76 2056.13 8.196 34.02 -0.189 -0.021 1.388 9.617  
 2.74 2131.96 2064.11 8.196 34.02 -0.188 -0.021 1.393 9.590  
 2.75 2140.16 2072.09 8.196 34.02 -0.188 -0.021 1.398 9.564  
 2.76 2148.35 2080.07 8.196 34.02 -0.187 -0.021 1.403 9.538  
 2.77 2156.55 2088.05 8.196 34.02 -0.186 -0.021 1.408 9.512  
 2.78 2164.75 2096.03 8.196 34.02 -0.186 -0.021 1.414 9.486  
 2.79 2172.94 2104.02 8.196 34.02 -0.185 -0.021 1.419 9.461  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
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 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
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 2.40 93.01 17053 0.003 799.7 1022.8 0.940 0.940 0.998 1.000  
 2.41 92.61 17053 0.003 799.7 1023.8 0.940 0.940 0.998 1.000  
 2.42 92.22 17053 0.003 799.7 1024.8 0.940 0.940 0.998 1.000  
 2.43 91.83 17053 0.003 799.7 1025.8 0.940 0.940 0.998 1.000  
 2.44 91.44 17052 0.003 799.7 1026.8 0.941 0.941 0.998 1.000  
 2.45 91.05 17052 0.003 799.7 1027.8 0.941 0.941 0.998 1.000  
 2.46 90.67 17052 0.003 799.7 1028.8 0.941 0.941 0.998 1.000  
 2.47 90.29 17052 0.003 799.7 1029.8 0.941 0.941 0.998 1.000  
 2.48 89.91 17052 0.003 799.7 1030.8 0.941 0.941 0.998 1.000  
 2.49 89.54 17052 0.003 799.7 1031.8 0.942 0.942 0.998 1.000  
   
 2.50 89.17 17052 0.003 799.7 1032.8 0.942 0.942 0.998 1.000  
 2.51 88.81 17052 0.003 799.7 1033.8 0.942 0.942 0.998 1.000  
 2.52 88.44 17052 0.003 799.7 1034.8 0.942 0.942 0.998 1.000  
 2.53 88.08 17051 0.003 799.7 1035.8 0.943 0.943 0.998 1.000  
 2.54 87.73 17051 0.003 799.7 1036.8 0.943 0.943 0.998 1.000  
 2.55 87.37 17051 0.003 799.7 1037.8 0.943 0.943 0.998 1.000  
 2.56 87.02 17051 0.003 799.7 1038.8 0.943 0.943 0.998 1.000  
 2.57 86.68 17051 0.003 799.7 1039.8 0.943 0.943 0.998 1.000  
 2.58 86.33 17051 0.003 799.7 1040.8 0.944 0.944 0.998 1.000  
 2.59 85.99 17051 0.003 799.7 1041.8 0.944 0.944 0.998 1.000  
   
 2.60 85.65 17051 0.003 799.7 1042.8 0.944 0.944 0.998 1.000  
 2.61 85.31 17051 0.003 799.7 1043.8 0.944 0.944 0.998 1.000  
 2.62 84.98 17050 0.003 799.7 1044.8 0.944 0.944 0.998 1.000  
 2.63 84.65 17050 0.003 799.7 1045.8 0.945 0.945 0.998 1.000  
 2.64 84.32 17050 0.003 799.7 1046.8 0.945 0.945 0.998 1.000  
 2.65 83.99 17050 0.003 799.6 1047.8 0.945 0.945 0.998 1.000  
 2.66 83.67 17050 0.003 799.6 1048.8 0.945 0.945 0.998 1.000  
 2.67 83.35 17050 0.003 799.6 1049.8 0.945 0.945 0.998 1.000  
 2.68 83.03 17050 0.003 799.6 1050.8 0.946 0.946 0.998 1.000  
 2.69 82.72 17050 0.003 799.6 1051.8 0.946 0.946 0.998 1.000  
   
 2.70 82.41 17050 0.003 799.6 1052.8 0.946 0.946 0.998 1.000  
 2.71 82.09 17050 0.003 799.6 1053.8 0.946 0.946 0.998 1.000  
 2.72 81.79 17049 0.003 799.6 1054.8 0.946 0.946 0.998 1.000  
 2.73 81.48 17049 0.003 799.6 1055.8 0.947 0.947 0.998 1.000  
 2.74 81.18 17049 0.003 799.6 1056.8 0.947 0.947 0.998 1.000  
 2.75 80.88 17049 0.003 799.6 1057.8 0.947 0.947 0.998 1.000  
 2.76 80.58 17049 0.003 799.6 1058.8 0.947 0.947 0.998 1.000  
 2.77 80.28 17049 0.003 799.6 1059.8 0.947 0.947 0.998 1.000  
 2.78 79.99 17049 0.003 799.6 1060.8 0.948 0.948 0.998 1.000  
 2.79 79.70 17049 0.003 799.6 1061.8 0.948 0.948 0.998 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
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 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
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 2.80 2181.14 2112.00 8.196 34.02 -0.185 -0.021 1.424 9.436  
 2.81 2189.33 2119.98 8.196 34.02 -0.184 -0.021 1.429 9.411  
 2.82 2197.53 2127.96 8.196 34.02 -0.183 -0.021 1.434 9.386  
 2.83 2205.73 2135.94 8.196 34.02 -0.183 -0.021 1.439 9.362  
 2.84 2213.92 2143.92 8.196 34.02 -0.182 -0.021 1.444 9.337  
 2.85 2222.12 2151.90 8.196 34.02 -0.182 -0.021 1.449 9.313  
 2.86 2230.31 2159.88 8.196 34.02 -0.181 -0.021 1.454 9.289  
 2.87 2238.51 2167.87 8.196 34.02 -0.180 -0.021 1.460 9.266  
 2.88 2246.71 2175.85 8.196 34.02 -0.180 -0.021 1.465 9.242  
 2.89 2254.90 2183.83 8.196 34.02 -0.179 -0.021 1.470 9.219  
   
 2.90 2263.10 2191.81 8.196 34.02 -0.179 -0.021 1.475 9.196  
 2.91 2271.29 2199.79 8.196 34.02 -0.178 -0.021 1.480 9.173  
 2.92 2279.49 2207.77 8.196 34.02 -0.177 -0.021 1.485 9.151  
 2.93 2287.69 2215.75 8.196 34.02 -0.177 -0.021 1.490 9.128  
 2.94 2295.88 2223.73 8.196 34.02 -0.176 -0.021 1.495 9.106  
 2.95 2304.08 2231.71 8.196 34.02 -0.176 -0.021 1.500 9.084  
 2.96 2312.27 2239.69 8.196 34.02 -0.175 -0.021 1.506 9.062  
 2.97 2320.47 2247.68 8.196 34.02 -0.175 -0.021 1.511 9.041  
 2.98 2328.67 2255.66 8.196 34.02 -0.174 -0.021 1.516 9.019  
 2.99 2336.86 2263.64 8.196 34.02 -0.174 -0.021 1.521 8.998  
   
 3.00 2345.06 2271.62 8.196 34.02 -0.173 -0.021 1.526 8.977  
 3.01 2353.25 2279.60 8.196 34.02 -0.173 -0.021 1.531 8.956  
 3.02 2361.45 2287.58 8.196 34.02 -0.172 -0.021 1.536 8.935  
 3.03 2369.64 2295.56 8.196 34.02 -0.172 -0.021 1.541 8.915  
 3.04 2377.84 2303.54 8.196 34.02 -0.171 -0.021 1.546 8.894  
 3.05 2386.04 2311.52 8.196 34.02 -0.171 -0.021 1.551 8.874  
 3.06 2394.23 2319.50 8.196 34.02 -0.170 -0.021 1.556 8.854  
 3.07 2402.43 2327.48 8.196 34.02 -0.169 -0.021 1.562 8.834  
 3.08 2410.62 2335.46 8.196 34.02 -0.169 -0.021 1.567 8.815  
 3.09 2418.82 2343.45 8.196 34.02 -0.168 -0.021 1.572 8.795  
   
 3.10 2427.01 2351.43 8.196 34.02 -0.168 -0.021 1.577 8.776  
 3.11 2435.21 2359.41 8.196 34.02 -0.167 -0.021 1.582 8.757  
 3.12 2443.41 2367.39 8.196 34.02 -0.167 -0.021 1.587 8.738  
 3.13 2451.60 2375.37 8.196 34.01 -0.167 -0.021 1.592 8.719  
 3.14 2459.80 2383.35 8.196 34.01 -0.166 -0.021 1.597 8.700  
 3.15 2467.99 2391.33 8.196 34.01 -0.166 -0.021 1.602 8.682  
 3.16 2476.19 2399.31 8.196 34.01 -0.165 -0.021 1.607 8.663  
 3.17 2484.38 2407.29 8.195 34.01 -0.165 -0.021 1.613 8.645  
 3.18 2492.58 2415.27 8.195 34.01 -0.164 -0.021 1.618 8.627  
 3.19 2500.77 2423.25 8.195 34.01 -0.164 -0.021 1.623 8.609  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
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 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
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 2.80 79.41 17049 0.003 799.6 1062.8 0.948 0.948 0.998 1.000  
 2.81 79.12 17048 0.003 799.6 1063.8 0.948 0.948 0.998 1.000  
 2.82 78.84 17048 0.003 799.6 1064.8 0.948 0.948 0.998 1.000  
 2.83 78.55 17048 0.003 799.6 1065.8 0.948 0.948 0.998 1.000  
 2.84 78.27 17048 0.003 799.6 1066.8 0.949 0.949 0.998 1.000  
 2.85 77.99 17048 0.003 799.6 1067.8 0.949 0.949 0.998 1.000  
 2.86 77.72 17048 0.003 799.6 1068.8 0.949 0.949 0.998 1.000  
 2.87 77.44 17048 0.003 799.6 1069.8 0.949 0.949 0.998 1.000  
 2.88 77.17 17048 0.003 799.6 1070.8 0.949 0.949 0.998 1.000  
 2.89 76.90 17048 0.003 799.6 1071.8 0.949 0.949 0.998 1.000  
   
 2.90 76.63 17047 0.003 799.6 1072.8 0.950 0.950 0.998 1.000  
 2.91 76.37 17047 0.003 799.6 1073.8 0.950 0.950 0.998 1.000  
 2.92 76.10 17047 0.003 799.6 1074.8 0.950 0.950 0.998 1.000  
 2.93 75.84 17047 0.003 799.6 1075.8 0.950 0.950 0.998 1.000  
 2.94 75.58 17047 0.003 799.6 1076.8 0.950 0.950 0.998 1.000  
 2.95 75.32 17047 0.003 799.6 1077.8 0.950 0.950 0.998 1.000  
 2.96 75.06 17047 0.003 799.6 1078.8 0.951 0.951 0.998 1.000  
 2.97 74.81 17047 0.003 799.6 1079.8 0.951 0.951 0.998 1.000  
 2.98 74.55 17047 0.003 799.6 1080.8 0.951 0.951 0.998 1.000  
 2.99 74.30 17046 0.003 799.6 1081.8 0.951 0.951 0.998 1.000  
   
 3.00 74.05 17046 0.003 799.6 1082.8 0.951 0.951 0.998 1.000  
 3.01 73.81 17046 0.003 799.6 1083.8 0.951 0.951 0.998 1.000  
 3.02 73.56 17046 0.003 799.6 1084.8 0.952 0.952 0.998 1.000  
 3.03 73.32 17046 0.003 799.6 1085.8 0.952 0.952 0.998 1.000  
 3.04 73.07 17046 0.003 799.6 1086.8 0.952 0.952 0.998 1.000  
 3.05 72.83 17046 0.003 799.6 1087.8 0.952 0.952 0.998 1.000  
 3.06 72.59 17046 0.003 799.6 1088.8 0.952 0.952 0.998 1.000  
 3.07 72.36 17046 0.003 799.6 1089.8 0.952 0.952 0.998 1.000  
 3.08 72.12 17045 0.003 799.6 1090.8 0.952 0.952 0.998 1.000  
 3.09 71.89 17045 0.003 799.6 1091.8 0.953 0.953 0.998 1.000  
   
 3.10 71.65 17045 0.003 799.6 1092.8 0.953 0.953 0.998 1.000  
 3.11 71.42 17045 0.003 799.6 1093.8 0.953 0.953 0.998 1.000  
 3.12 71.19 17045 0.003 799.6 1094.8 0.953 0.953 0.998 1.000  
 3.13 70.96 17045 0.003 799.6 1095.8 0.953 0.953 0.998 1.000  
 3.14 70.74 17045 0.003 799.6 1096.8 0.953 0.953 0.998 1.000  
 3.15 70.51 17045 0.003 799.6 1097.8 0.953 0.953 0.998 1.000  
 3.16 70.29 17045 0.003 799.6 1098.8 0.954 0.954 0.998 1.000  
 3.17 70.07 17045 0.003 799.6 1099.8 0.954 0.954 0.998 1.000  
 3.18 69.85 17044 0.003 799.6 1100.8 0.954 0.954 0.998 1.000  
 3.19 69.63 17044 0.003 799.6 1101.8 0.954 0.954 0.998 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 1 \*   
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 DRAFT DISPT MOLDED T.P.C M.T.C L.C.B L.C.F K.B K.M.T  
 B.O.K VOLUME   
   
 M TON M\*\*3 TON/CM M\*TON M M M M  
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 3.20 2508.97 2431.23 8.195 34.01 -0.163 -0.021 1.628 8.591  
 3.21 2517.17 2439.21 8.195 34.01 -0.163 -0.021 1.633 8.573  
 3.22 2525.36 2447.19 8.195 34.01 -0.162 -0.021 1.638 8.556  
 3.23 2533.56 2455.17 8.195 34.01 -0.162 -0.021 1.643 8.539  
 3.24 2541.75 2463.15 8.195 34.01 -0.161 -0.021 1.648 8.522  
 3.25 2549.95 2471.13 8.195 34.01 -0.161 -0.021 1.653 8.504  
 3.26 2558.14 2479.11 8.195 34.01 -0.160 -0.021 1.658 8.487  
 3.27 2566.34 2487.10 8.195 34.01 -0.160 -0.021 1.663 8.471  
 3.28 2574.53 2495.08 8.195 34.01 -0.160 -0.021 1.668 8.454  
 3.29 2582.73 2503.06 8.195 34.01 -0.159 -0.021 1.674 8.438  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - 2 \*   
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 DRAFT K.M.L I.M.T CDIP W.P WET. BLOCK PRISM WL-A MID.  
 B.O.K AREA SURF. COEF. COEF. COEF. COEF.  
 (CB) (CP) (CW) (CM)  
 M M M\*\*4 TON M\*\*2 M\*\*2  
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 3.20 69.41 17044 0.003 799.6 1102.8 0.954 0.954 0.998 1.000  
 3.21 69.20 17044 0.003 799.6 1103.8 0.954 0.954 0.998 1.000  
 3.22 68.98 17044 0.003 799.6 1104.8 0.954 0.954 0.998 1.000  
 3.23 68.77 17044 0.003 799.6 1105.8 0.955 0.955 0.998 1.000  
 3.24 68.56 17044 0.003 799.5 1106.8 0.955 0.955 0.998 1.000  
 3.25 68.35 17044 0.003 799.5 1107.8 0.955 0.955 0.998 1.000  
 3.26 68.14 17044 0.003 799.5 1108.8 0.955 0.955 0.998 1.000  
 3.27 67.93 17043 0.003 799.5 1109.8 0.955 0.955 0.998 1.000  
 3.28 67.73 17043 0.003 799.5 1110.8 0.955 0.955 0.998 1.000  
 3.29 67.52 17043 0.003 799.5 1111.8 0.955 0.955 0.998 1.000  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 TRIM : 0.500 M BY STEM  
  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 0.40 289.17 23.45 53.838 3.813 0.313 0.222 739.7  
 0.41 295.41 23.50 52.746 3.805 0.300 0.221 740.8  
 0.42 301.65 23.55 51.699 3.797 0.288 0.219 741.8  
 0.43 308.72 23.57 50.538 3.729 0.289 0.223 742.8  
 0.44 315.97 23.58 49.396 3.650 0.293 0.228 743.8  
 0.45 323.23 23.60 48.306 3.575 0.297 0.233 744.9  
 0.46 330.48 23.61 47.264 3.503 0.301 0.238 745.9  
 0.47 337.74 23.62 46.267 3.435 0.305 0.242 746.9  
 0.48 344.99 23.64 45.311 3.369 0.309 0.246 747.9  
 0.49 352.25 23.65 44.397 3.306 0.314 0.251 748.9  
   
 0.50 359.53 23.73 43.554 3.246 0.338 0.256 750.6  
 0.51 366.81 23.80 42.744 3.189 0.362 0.261 752.2  
 0.52 374.10 23.88 41.966 3.135 0.385 0.266 753.9  
 0.53 381.38 23.96 41.218 3.082 0.409 0.271 755.5  
 0.54 388.67 24.03 40.498 3.031 0.432 0.275 757.2  
 0.55 395.95 24.11 39.804 2.983 0.456 0.279 758.8  
 0.56 403.24 24.17 39.124 2.936 0.473 0.284 760.2  
 0.57 410.56 24.17 38.437 2.892 0.473 0.289 761.1  
 0.58 417.87 24.17 37.774 2.850 0.473 0.294 762.0  
 0.59 425.19 24.17 37.133 2.809 0.473 0.299 762.9  
   
 0.60 432.51 24.17 36.515 2.769 0.473 0.304 763.8  
 0.61 439.82 24.16 35.917 2.731 0.473 0.309 764.7  
 0.62 447.14 24.16 35.339 2.694 0.473 0.313 765.6  
 0.63 454.51 24.28 34.827 2.655 0.439 0.318 767.5  
 0.64 461.94 24.51 34.381 2.614 0.369 0.323 770.7  
 0.65 469.38 24.74 33.950 2.575 0.299 0.328 773.8  
 0.66 476.81 24.97 33.532 2.536 0.229 0.333 776.9  
 0.67 484.24 25.20 33.127 2.499 0.160 0.338 780.0  
 0.68 491.68 25.43 32.735 2.463 0.092 0.343 783.1  
 0.69 499.11 25.66 32.354 2.428 0.023 0.347 786.2  
   
 0.70 506.58 25.76 31.927 2.392 -0.002 0.352 788.0  
 0.71 514.07 25.80 31.488 2.357 -0.010 0.358 789.3  
 0.72 521.56 25.84 31.062 2.322 -0.017 0.363 790.6  
 0.73 529.06 25.88 30.647 2.289 -0.025 0.368 791.9  
 0.74 536.55 25.91 30.245 2.257 -0.033 0.372 793.2  
 0.75 544.04 25.95 29.853 2.225 -0.040 0.377 794.5  
 0.76 551.53 25.99 29.472 2.194 -0.048 0.382 795.8  
 0.77 559.04 26.02 29.098 2.164 -0.051 0.387 797.0  
 0.78 566.55 26.05 28.733 2.135 -0.053 0.392 798.2  
 0.79 574.06 26.08 28.378 2.106 -0.056 0.397 799.4  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 TRIM : 0.500 M BY STEM  
  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 0.80 581.57 26.11 28.032 2.078 -0.058 0.402 800.6  
 0.81 589.08 26.14 27.695 2.051 -0.061 0.407 801.8  
 0.82 596.60 26.17 27.366 2.024 -0.063 0.412 802.9  
 0.83 604.11 26.21 27.046 1.999 -0.063 0.416 804.2  
 0.84 611.66 26.26 26.740 1.974 -0.052 0.422 805.6  
 0.85 619.21 26.31 26.440 1.950 -0.040 0.427 806.9  
 0.86 626.75 26.36 26.148 1.927 -0.029 0.432 808.3  
 0.87 634.30 26.41 25.863 1.904 -0.017 0.437 809.7  
 0.88 641.84 26.46 25.585 1.882 -0.005 0.442 811.1  
 0.89 649.39 26.51 25.313 1.860 0.006 0.446 812.5  
   
 0.90 656.97 26.60 25.057 1.840 0.029 0.451 814.2  
 0.91 664.61 26.74 24.824 1.823 0.072 0.457 816.5  
 0.92 672.25 26.89 24.597 1.805 0.115 0.462 818.8  
 0.93 679.90 27.04 24.375 1.788 0.157 0.467 821.0  
 0.94 687.54 27.19 24.158 1.772 0.199 0.472 823.3  
 0.95 695.18 27.34 23.945 1.756 0.242 0.477 825.6  
 0.96 702.82 27.48 23.737 1.740 0.283 0.482 827.9  
 0.97 710.46 27.55 23.510 1.724 0.301 0.487 829.4  
 0.98 718.10 27.55 23.270 1.709 0.301 0.492 830.3  
 0.99 725.75 27.55 23.035 1.694 0.301 0.497 831.3  
   
 1.00 733.39 27.55 22.805 1.680 0.301 0.503 832.2  
 1.01 741.03 27.55 22.580 1.666 0.301 0.508 833.1  
 1.02 748.67 27.55 22.359 1.652 0.301 0.512 834.1  
 1.03 756.31 27.55 22.143 1.638 0.301 0.517 835.0  
 1.04 763.97 27.64 21.954 1.624 0.278 0.522 836.7  
 1.05 771.64 27.75 21.775 1.610 0.249 0.528 838.6  
 1.06 779.30 27.86 21.599 1.597 0.221 0.533 840.6  
 1.07 786.97 27.97 21.426 1.584 0.192 0.538 842.5  
 1.08 794.63 28.08 21.257 1.571 0.164 0.543 844.4  
 1.09 802.29 28.19 21.091 1.558 0.136 0.548 846.3  
   
 1.10 809.96 28.30 20.928 1.546 0.108 0.553 848.2  
 1.11 817.68 28.34 20.750 1.532 0.100 0.558 849.5  
 1.12 825.40 28.38 20.576 1.518 0.091 0.563 850.8  
 1.13 833.12 28.42 20.405 1.505 0.083 0.568 852.1  
 1.14 840.84 28.46 20.237 1.492 0.074 0.573 853.4  
 1.15 848.55 28.50 20.072 1.480 0.066 0.578 854.7  
 1.16 856.27 28.54 19.910 1.467 0.057 0.583 856.0  
 1.17 864.00 28.58 19.751 1.455 0.052 0.588 857.3  
 1.18 871.75 28.62 19.594 1.443 0.059 0.594 858.6  
 1.19 879.50 28.66 19.441 1.431 0.066 0.599 859.9  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 TRIM : 0.500 M BY STEM  
  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 1.20 887.24 28.70 19.290 1.419 0.073 0.604 861.2  
 1.21 894.99 28.74 19.142 1.407 0.080 0.609 862.5  
 1.22 902.74 28.78 18.996 1.396 0.087 0.614 863.7  
 1.23 910.49 28.82 18.853 1.385 0.093 0.619 865.0  
 1.24 918.25 28.88 18.715 1.374 0.105 0.624 866.5  
 1.25 926.04 28.95 18.584 1.364 0.123 0.629 868.1  
 1.26 933.82 29.03 18.455 1.354 0.140 0.634 869.7  
 1.27 941.61 29.10 18.328 1.344 0.157 0.640 871.3  
 1.28 949.39 29.17 18.203 1.334 0.175 0.645 872.9  
 1.29 957.18 29.25 18.080 1.325 0.192 0.650 874.5  
   
 1.30 964.96 29.32 17.959 1.316 0.209 0.655 876.1  
 1.31 972.76 29.35 17.830 1.307 0.215 0.660 877.2  
 1.32 980.57 29.35 17.698 1.298 0.215 0.665 878.2  
 1.33 988.37 29.35 17.569 1.290 0.215 0.670 879.1  
 1.34 996.18 29.35 17.441 1.281 0.215 0.675 880.1  
 1.35 1003.98 29.35 17.316 1.273 0.215 0.680 881.0  
 1.36 1011.78 29.35 17.193 1.265 0.215 0.685 882.0  
 1.37 1019.59 29.35 17.071 1.257 0.215 0.690 882.9  
 1.38 1027.39 29.35 16.952 1.249 0.215 0.696 883.9  
 1.39 1035.20 29.35 16.834 1.241 0.215 0.701 884.8  
   
 1.40 1043.00 29.35 16.719 1.233 0.215 0.706 885.8  
 1.41 1050.81 29.35 16.605 1.226 0.215 0.711 886.7  
 1.42 1058.61 29.35 16.492 1.218 0.215 0.716 887.7  
 1.43 1066.42 29.35 16.382 1.211 0.215 0.721 888.6  
 1.44 1074.22 29.35 16.273 1.204 0.215 0.726 889.6  
 1.45 1082.03 29.36 16.168 1.197 0.218 0.731 890.7  
 1.46 1089.85 29.37 16.064 1.190 0.222 0.736 891.7  
 1.47 1097.66 29.38 15.962 1.183 0.225 0.742 892.8  
 1.48 1105.47 29.40 15.861 1.176 0.228 0.747 893.8  
 1.49 1113.29 29.41 15.762 1.170 0.232 0.752 894.9  
   
 1.50 1121.10 29.42 15.664 1.163 0.235 0.757 895.9  
 1.51 1128.95 29.50 15.578 1.156 0.220 0.762 897.5  
 1.52 1136.86 29.69 15.512 1.148 0.171 0.767 900.1  
 1.53 1144.77 29.89 15.446 1.140 0.122 0.772 902.7  
 1.54 1152.68 30.09 15.382 1.132 0.073 0.777 905.3  
 1.55 1160.59 30.28 15.318 1.124 0.025 0.783 907.9  
 1.56 1168.50 30.48 15.256 1.116 -0.023 0.788 910.5  
 1.57 1176.41 30.67 15.194 1.108 -0.072 0.793 913.1  
 1.58 1184.39 30.87 15.131 1.100 -0.096 0.798 915.7  
 1.59 1192.43 31.06 15.069 1.092 -0.104 0.803 918.3  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 1.60 1200.47 31.26 15.007 1.084 -0.111 0.808 920.9  
 1.61 1208.51 31.45 14.946 1.076 -0.118 0.814 923.5  
 1.62 1216.54 31.65 14.885 1.069 -0.125 0.819 926.1  
 1.63 1224.58 31.84 14.826 1.061 -0.132 0.824 928.7  
 1.64 1232.62 32.04 14.767 1.053 -0.139 0.829 931.3  
 1.65 1240.73 32.18 14.701 1.047 -0.118 0.834 933.5  
 1.66 1248.85 32.32 14.634 1.041 -0.089 0.840 935.6  
 1.67 1256.98 32.45 14.568 1.035 -0.061 0.845 937.6  
 1.68 1265.10 32.59 14.502 1.029 -0.032 0.850 939.7  
 1.69 1273.23 32.72 14.437 1.023 -0.004 0.855 941.8  
   
 1.70 1281.36 32.86 14.373 1.017 0.025 0.860 943.9  
 1.71 1289.48 32.99 14.310 1.011 0.053 0.866 946.0  
 1.72 1297.60 33.01 14.234 1.005 0.048 0.871 947.1  
 1.73 1305.73 33.03 14.158 0.999 0.044 0.876 948.2  
 1.74 1313.85 33.04 14.084 0.993 0.040 0.882 949.4  
 1.75 1321.97 33.06 14.010 0.987 0.035 0.887 950.5  
 1.76 1330.09 33.08 13.937 0.981 0.031 0.892 951.6  
 1.77 1338.22 33.10 13.865 0.975 0.026 0.897 952.8  
 1.78 1346.34 33.11 13.794 0.969 0.023 0.902 953.9  
 1.79 1354.47 33.11 13.722 0.964 0.024 0.907 954.9  
   
 1.80 1362.59 33.12 13.652 0.958 0.025 0.913 955.9  
 1.81 1370.72 33.12 13.582 0.953 0.026 0.918 956.9  
 1.82 1378.84 33.12 13.512 0.947 0.027 0.923 957.9  
 1.83 1386.97 33.13 13.444 0.942 0.028 0.928 959.0  
 1.84 1395.09 33.13 13.377 0.936 0.029 0.933 960.0  
 1.85 1403.22 33.13 13.310 0.931 0.029 0.939 961.0  
 1.86 1411.35 33.13 13.244 0.926 0.030 0.944 962.0  
 1.87 1419.47 33.13 13.179 0.921 0.030 0.949 963.0  
 1.88 1427.60 33.14 13.114 0.916 0.030 0.954 964.0  
 1.89 1435.73 33.14 13.051 0.911 0.030 0.959 965.0  
   
 1.90 1443.85 33.14 12.988 0.906 0.031 0.965 966.0  
 1.91 1451.98 33.14 12.925 0.901 0.031 0.970 967.0  
 1.92 1460.12 33.18 12.868 0.896 0.029 0.975 968.3  
 1.93 1468.26 33.24 12.813 0.891 0.025 0.980 969.8  
 1.94 1476.41 33.30 12.759 0.887 0.022 0.985 971.3  
 1.95 1484.55 33.37 12.706 0.882 0.019 0.991 972.7  
 1.96 1492.70 33.43 12.653 0.877 0.015 0.996 974.2  
 1.97 1500.84 33.49 12.600 0.873 0.012 1.001 975.7  
 1.98 1508.99 33.55 12.548 0.868 0.009 1.006 977.2  
 1.99 1517.16 33.62 12.497 0.864 0.006 1.011 978.7  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 2.00 1525.34 33.68 12.447 0.859 0.003 1.017 980.1  
 2.01 1533.52 33.74 12.397 0.855 0.000 1.022 981.6  
 2.02 1541.70 33.80 12.347 0.850 -0.003 1.027 983.1  
 2.03 1549.88 33.86 12.298 0.846 -0.005 1.032 984.6  
 2.04 1558.06 33.93 12.249 0.841 -0.008 1.037 986.1  
 2.05 1566.24 33.98 12.201 0.837 -0.011 1.042 987.5  
 2.06 1574.43 33.98 12.148 0.833 -0.011 1.048 988.5  
 2.07 1582.63 33.98 12.096 0.828 -0.011 1.053 989.5  
 2.08 1590.82 33.99 12.044 0.824 -0.012 1.058 990.5  
 2.09 1599.01 33.99 11.993 0.820 -0.012 1.063 991.5  
   
 2.10 1607.21 33.99 11.943 0.815 -0.012 1.068 992.5  
 2.11 1615.40 33.99 11.893 0.811 -0.013 1.073 993.5  
 2.12 1623.60 33.99 11.843 0.807 -0.013 1.079 994.6  
 2.13 1631.79 34.00 11.795 0.803 -0.015 1.084 995.6  
 2.14 1639.99 34.00 11.747 0.799 -0.016 1.089 996.7  
 2.15 1648.18 34.01 11.700 0.795 -0.017 1.094 997.7  
 2.16 1656.38 34.01 11.653 0.791 -0.019 1.099 998.7  
 2.17 1664.57 34.02 11.607 0.787 -0.020 1.105 999.8  
 2.18 1672.77 34.02 11.561 0.783 -0.021 1.110 1000.8  
 2.19 1680.96 34.03 11.515 0.779 -0.022 1.115 1001.8  
   
 2.20 1689.16 34.03 11.470 0.775 -0.022 1.120 1002.8  
 2.21 1697.36 34.03 11.425 0.771 -0.022 1.125 1003.8  
 2.22 1705.56 34.03 11.380 0.767 -0.022 1.131 1004.8  
 2.23 1713.75 34.03 11.337 0.764 -0.022 1.136 1005.8  
 2.24 1721.95 34.03 11.293 0.760 -0.022 1.141 1006.8  
 2.25 1730.15 34.03 11.250 0.756 -0.022 1.146 1007.8  
 2.26 1738.34 34.03 11.207 0.753 -0.022 1.151 1008.8  
 2.27 1746.54 34.03 11.165 0.749 -0.022 1.156 1009.8  
 2.28 1754.74 34.03 11.124 0.745 -0.022 1.161 1010.8  
 2.29 1762.94 34.03 11.083 0.742 -0.022 1.167 1011.8  
   
 2.30 1771.13 34.03 11.042 0.738 -0.022 1.172 1012.8  
 2.31 1779.33 34.03 11.001 0.735 -0.022 1.177 1013.8  
 2.32 1787.53 34.03 10.961 0.731 -0.022 1.182 1014.8  
 2.33 1795.72 34.03 10.922 0.728 -0.022 1.187 1015.8  
 2.34 1803.92 34.03 10.883 0.724 -0.022 1.192 1016.8  
 2.35 1812.12 34.03 10.844 0.721 -0.022 1.198 1017.8  
 2.36 1820.31 34.02 10.806 0.718 -0.022 1.203 1018.8  
 2.37 1828.51 34.02 10.768 0.714 -0.022 1.208 1019.8  
 2.38 1836.71 34.02 10.730 0.711 -0.022 1.213 1020.8  
 2.39 1844.91 34.02 10.693 0.708 -0.022 1.218 1021.8  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 TRIM : 0.500 M BY STEM  
  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 2.40 1853.10 34.02 10.656 0.705 -0.022 1.223 1022.8  
 2.41 1861.30 34.02 10.619 0.701 -0.022 1.228 1023.8  
 2.42 1869.50 34.02 10.583 0.698 -0.022 1.233 1024.8  
 2.43 1877.69 34.02 10.548 0.695 -0.022 1.239 1025.8  
 2.44 1885.89 34.02 10.512 0.692 -0.022 1.244 1026.8  
 2.45 1894.09 34.02 10.477 0.689 -0.022 1.249 1027.8  
 2.46 1902.28 34.02 10.442 0.686 -0.022 1.254 1028.8  
 2.47 1910.48 34.02 10.408 0.683 -0.022 1.259 1029.8  
 2.48 1918.68 34.02 10.374 0.680 -0.022 1.264 1030.8  
 2.49 1926.87 34.02 10.341 0.677 -0.022 1.269 1031.8  
   
 2.50 1935.07 34.02 10.307 0.674 -0.022 1.275 1032.8  
 2.51 1943.27 34.02 10.274 0.671 -0.022 1.280 1033.8  
 2.52 1951.46 34.02 10.241 0.668 -0.022 1.285 1034.8  
 2.53 1959.66 34.02 10.209 0.665 -0.022 1.290 1035.8  
 2.54 1967.86 34.02 10.177 0.662 -0.022 1.295 1036.8  
 2.55 1976.05 34.02 10.145 0.659 -0.022 1.300 1037.8  
 2.56 1984.25 34.02 10.114 0.657 -0.022 1.305 1038.8  
 2.57 1992.45 34.02 10.082 0.654 -0.022 1.310 1039.8  
 2.58 2000.64 34.02 10.052 0.651 -0.022 1.315 1040.8  
 2.59 2008.84 34.02 10.021 0.648 -0.022 1.320 1041.8  
   
 2.60 2017.04 34.02 9.991 0.646 -0.022 1.326 1042.8  
 2.61 2025.23 34.02 9.961 0.643 -0.022 1.331 1043.8  
 2.62 2033.43 34.02 9.931 0.640 -0.022 1.336 1044.8  
 2.63 2041.63 34.02 9.902 0.637 -0.022 1.341 1045.8  
 2.64 2049.82 34.02 9.872 0.635 -0.022 1.346 1046.8  
 2.65 2058.02 34.02 9.843 0.632 -0.022 1.351 1047.8  
 2.66 2066.21 34.02 9.815 0.630 -0.022 1.356 1048.8  
 2.67 2074.41 34.02 9.786 0.627 -0.022 1.361 1049.8  
 2.68 2082.61 34.02 9.758 0.624 -0.022 1.367 1050.8  
 2.69 2090.80 34.02 9.731 0.622 -0.022 1.372 1051.8  
   
 2.70 2099.00 34.02 9.703 0.619 -0.022 1.377 1052.8  
 2.71 2107.20 34.02 9.676 0.617 -0.022 1.382 1053.8  
 2.72 2115.39 34.02 9.648 0.614 -0.022 1.387 1054.8  
 2.73 2123.59 34.02 9.622 0.612 -0.022 1.392 1055.8  
 2.74 2131.79 34.02 9.595 0.610 -0.022 1.397 1056.8  
 2.75 2139.98 34.02 9.569 0.607 -0.022 1.402 1057.8  
 2.76 2148.18 34.02 9.543 0.605 -0.022 1.408 1058.8  
 2.77 2156.37 34.02 9.517 0.602 -0.022 1.413 1059.8  
 2.78 2164.57 34.02 9.491 0.600 -0.022 1.418 1060.8  
 2.79 2172.77 34.02 9.466 0.598 -0.022 1.423 1061.8  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 TRIM : 0.500 M BY STEM  
  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 2.80 2180.96 34.02 9.440 0.595 -0.022 1.428 1062.8  
 2.81 2189.16 34.02 9.416 0.593 -0.022 1.433 1063.8  
 2.82 2197.35 34.02 9.391 0.591 -0.022 1.438 1064.8  
 2.83 2205.55 34.02 9.366 0.588 -0.022 1.443 1065.8  
 2.84 2213.75 34.02 9.342 0.586 -0.022 1.448 1066.8  
 2.85 2221.94 34.02 9.318 0.584 -0.022 1.453 1067.8  
 2.86 2230.14 34.02 9.294 0.582 -0.022 1.458 1068.8  
 2.87 2238.34 34.02 9.270 0.580 -0.022 1.463 1069.8  
 2.88 2246.53 34.02 9.247 0.577 -0.022 1.469 1070.8  
 2.89 2254.73 34.02 9.224 0.575 -0.022 1.474 1071.8  
   
 2.90 2262.92 34.02 9.201 0.573 -0.022 1.479 1072.8  
 2.91 2271.12 34.02 9.178 0.571 -0.022 1.484 1073.8  
 2.92 2279.31 34.02 9.155 0.569 -0.022 1.489 1074.8  
 2.93 2287.51 34.02 9.133 0.567 -0.022 1.494 1075.8  
 2.94 2295.71 34.02 9.111 0.565 -0.022 1.499 1076.8  
 2.95 2303.90 34.02 9.089 0.562 -0.022 1.504 1077.8  
 2.96 2312.10 34.02 9.067 0.560 -0.022 1.509 1078.8  
 2.97 2320.29 34.02 9.045 0.558 -0.022 1.514 1079.8  
 2.98 2328.49 34.02 9.024 0.556 -0.022 1.520 1080.8  
 2.99 2336.69 34.02 9.002 0.554 -0.022 1.525 1081.8  
   
 3.00 2344.88 34.02 8.981 0.552 -0.022 1.530 1082.8  
 3.01 2353.08 34.02 8.960 0.550 -0.022 1.535 1083.8  
 3.02 2361.27 34.02 8.940 0.548 -0.022 1.540 1084.8  
 3.03 2369.47 34.02 8.919 0.546 -0.022 1.545 1085.8  
 3.04 2377.67 34.02 8.899 0.544 -0.022 1.550 1086.8  
 3.05 2385.86 34.02 8.879 0.542 -0.022 1.555 1087.8  
 3.06 2394.06 34.02 8.858 0.540 -0.022 1.560 1088.8  
 3.07 2402.25 34.01 8.838 0.539 -0.022 1.565 1089.9  
 3.08 2410.45 34.01 8.818 0.537 -0.023 1.570 1090.9  
 3.09 2418.64 34.01 8.798 0.535 -0.024 1.575 1091.9  
   
 3.10 2426.84 34.00 8.778 0.533 -0.025 1.581 1093.0  
 3.11 2435.04 34.00 8.758 0.531 -0.026 1.586 1094.0  
 3.12 2443.23 33.99 8.738 0.529 -0.027 1.591 1095.0  
 3.13 2451.43 33.99 8.718 0.527 -0.028 1.596 1096.0  
 3.14 2459.62 33.97 8.697 0.525 -0.032 1.601 1097.2  
 3.15 2467.81 33.95 8.675 0.524 -0.039 1.606 1098.4  
 3.16 2476.00 33.92 8.653 0.522 -0.045 1.611 1099.6  
 3.17 2484.19 33.90 8.631 0.520 -0.052 1.616 1100.9  
 3.18 2492.39 33.87 8.610 0.518 -0.059 1.621 1102.1  
 3.19 2500.58 33.85 8.588 0.516 -0.065 1.626 1103.3  
   
  
  
  
  
  
  
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 \* HYDROSTATIC PARTICULARS - TRIMMED \*  
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 TRIM : 0.500 M BY STEM  
  
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 DRAFT DISPT M.T.C K.M.T L.C.B L.C.F K.B WET S.  
   
 B.O.K TON M\*TON M M M M M\*\*2  
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 3.20 2508.77 33.82 8.567 0.514 -0.072 1.631 1104.5  
 3.21 2516.94 33.74 8.539 0.513 -0.091 1.636 1106.2  
 3.22 2525.11 33.66 8.511 0.511 -0.112 1.641 1108.0  
 3.23 2533.28 33.58 8.483 0.509 -0.133 1.646 1109.7  
 3.24 2541.45 33.49 8.454 0.507 -0.155 1.652 1111.5  
 3.25 2549.61 33.41 8.427 0.505 -0.176 1.657 1113.2  
 3.26 2557.78 33.33 8.399 0.503 -0.197 1.662 1115.0  
 3.27 2565.94 33.23 8.368 0.501 -0.224 1.667 1116.9  
 3.28 2574.04 32.90 8.304 0.498 -0.309 1.672 1121.0  
 3.29 2582.13 32.58 8.240 0.496 -0.396 1.677 1125.1