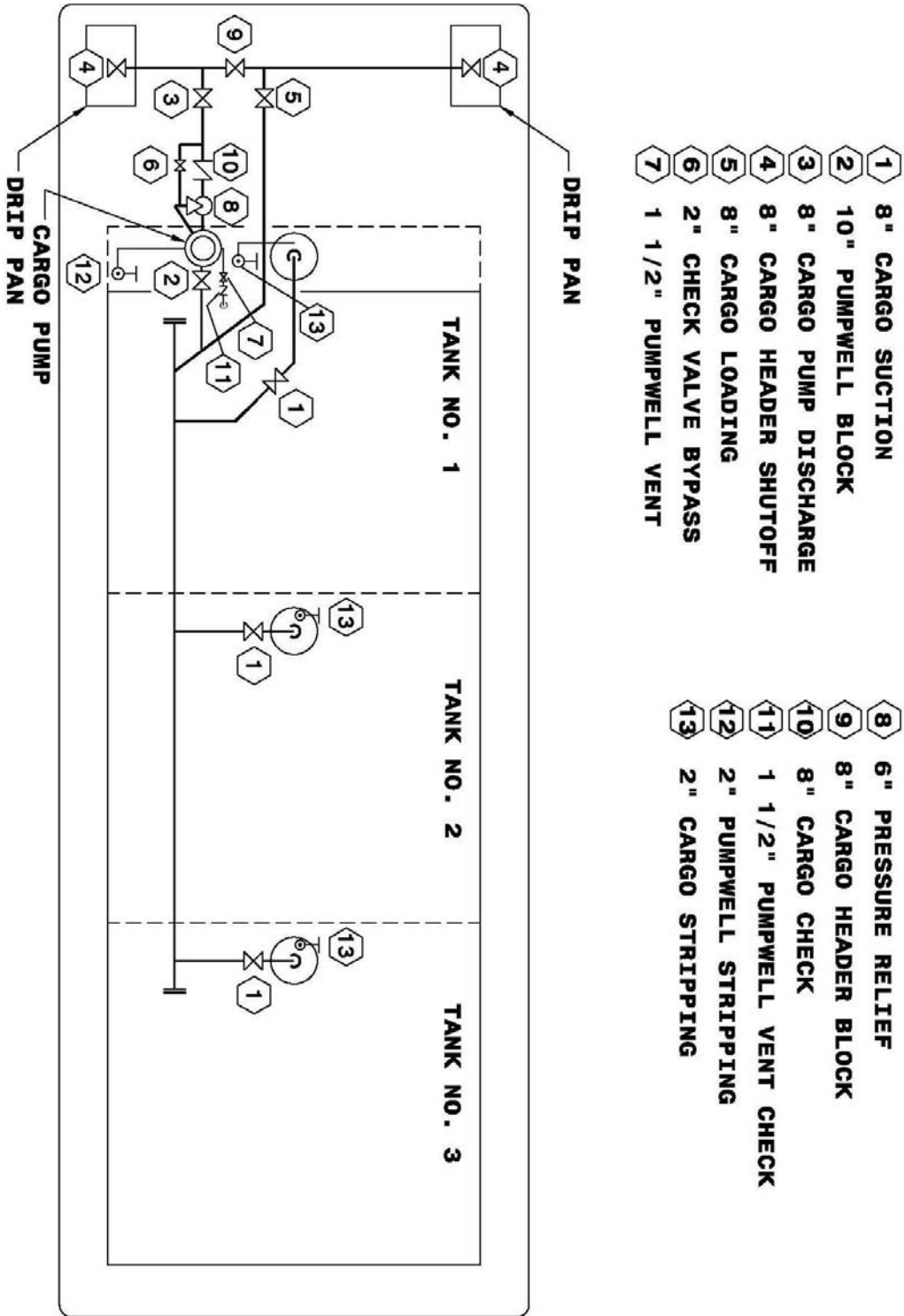


Cargo Piping Diagram  
 CBC 1101 EX: CHEM 1209 EX: AEP 10010  
 HULL# 13-2818



**Cargo Chart** 8/11/2014  
 Jeffboat Job: 5809-13  
 General Arrgt: B-21858  
 Lightship (ST) 417.52

Table Valid For: AEP 10001 THRU AEP 10040

Jeffboat Hulls: 13-2809 THRU 13-2828  
 13-2861 THRU 13-2880

Deadweight (Cargo Weight) shown based on barge in fresh water at even keel

| Average Draft | ST Deadweight | Average Draft | ST Deadweight | Average Draft | ST Deadweight | Average Draft | ST Deadweight |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1'-1"         |               | 4'-4"         | 461           | 7'-7"         | 1,149         |               |               |
| 1'-2"         |               | 4'-5"         | 479           | 7'-8"         | 1,167         |               |               |
| 1'-3"         |               | 4'-6"         | 496           | 7'-9"         | 1,185         |               |               |
| 1'-4"         |               | 4'-7"         | 514           | 7'-10"        | 1,203         |               |               |
| 1'-5"         |               | 4'-8"         | 531           | 7'-11"        | 1,221         |               |               |
| 1'-6"         |               | 4'-9"         | 549           | 8'-0"         | 1,239         |               |               |
| 1'-7"         |               | 4'-10"        | 566           | 8'-1"         | 1,256         |               |               |
| 1'-8"         |               | 4'-11"        | 583           | 8'-2"         | 1,274         |               |               |
| 1'-9"         |               | 5'-0"         | 601           | 8'-3"         | 1,292         |               |               |
| 1'-10"        |               | 5'-1"         | 619           | 8'-4"         | 1,310         |               |               |
| 1'-11"        |               | 5'-2"         | 636           | 8'-5"         | 1,328         |               |               |
| 2'-0"         |               | 5'-3"         | 654           | 8'-6"         | 1,346         |               |               |
| 2'-1"         |               | 5'-4"         | 671           | 8'-7"         | 1,364         |               |               |
| 2'-2"         | 14            | 5'-5"         | 689           | 8'-8"         | 1,382         |               |               |
| 2'-3"         | 31            | 5'-6"         | 706           | 8'-9"         | 1,400         |               |               |
| 2'-4"         | 48            | 5'-7"         | 724           | 8'-10"        | 1,418         |               |               |
| 2'-5"         | 65            | 5'-8"         | 741           | 8'-11"        | 1,436         |               |               |
| 2'-6"         | 82            | 5'-9"         | 759           | 9'-0"         | 1,454         |               |               |
| 2'-7"         | 99            | 5'-10"        | 777           | 9'-1"         | 1,472         |               |               |
| 2'-8"         | 116           | 5'-11"        | 794           | 9'-2"         | 1,490         |               |               |
| 2'-9"         | 133           | 6'-0"         | 812           | 9'-3"         | 1,508         |               |               |
| 2'-10"        | 150           | 6'-1"         | 830           | 9'-4"         | 1,526         |               |               |
| 2'-11"        | 167           | 6'-2"         | 847           | 9'-5"         | 1,544         |               |               |
| 3'-0"         | 185           | 6'-3"         | 865           | 9'-6"         | 1,562         |               |               |
| 3'-1"         | 202           | 6'-4"         | 883           | 9'-7"         | 1,580         |               |               |
| 3'-2"         | 219           | 6'-5"         | 900           | 9'-8"         | 1,598         |               |               |
| 3'-3"         | 236           | 6'-6"         | 918           | 9'-9"         | 1,616         |               |               |
| 3'-4"         | 253           | 6'-7"         | 936           | 9'-10"        | 1,634         |               |               |
| 3'-5"         | 271           | 6'-8"         | 954           | 9'-11"        | 1,652         |               |               |
| 3'-6"         | 288           | 6'-9"         | 971           | 10'-0"        | 1,670         |               |               |
| 3'-7"         | 305           | 6'-10"        | 989           | 10'-1"        | 1,688         |               |               |
| 3'-8"         | 323           | 6'-11"        | 1,007         | 10'-2"        | 1,706         | Cargo Volume  | 11,065        |
| 3'-9"         | 340           | 7'-0"         | 1,025         |               |               |               |               |
| 3'-10"        | 357           | 7'-1"         | 1,042         |               |               |               |               |
| 3'-11"        | 374           | 7'-2"         | 1,060         |               |               | G. R. T.      | 735           |
| 4'-0"         | 392           | 7'-3"         | 1,078         |               |               |               |               |
| 4'-1"         | 409           | 7'-4"         | 1,096         |               |               |               |               |
| 4'-2"         | 427           | 7'-5"         | 1,114         |               |               |               |               |
| 4'-3"         | 444           | 7'-6"         | 1,131         |               |               |               |               |