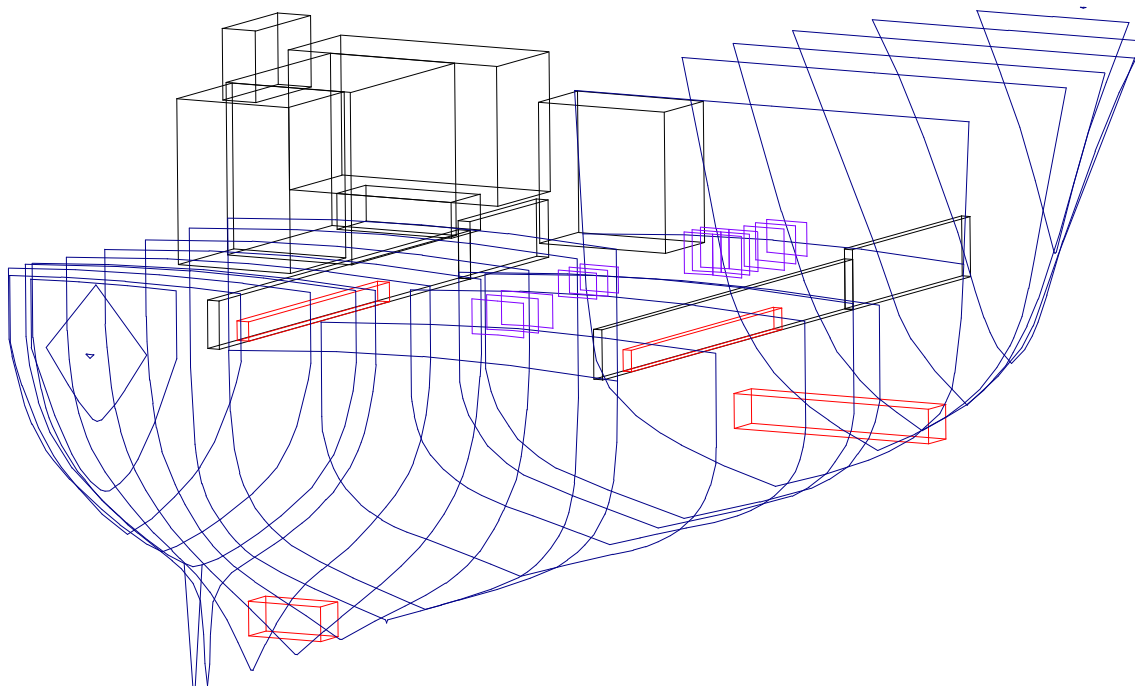


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# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

MS Aquafisk Senior - JWUO  
Ombygging 2019  
AM 064  
Tankdefinisjon  
Input data  
Peiletabeller



064-101-204\_A

21.05.2019

Revisjon A

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

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Date: 21 MAY 2019

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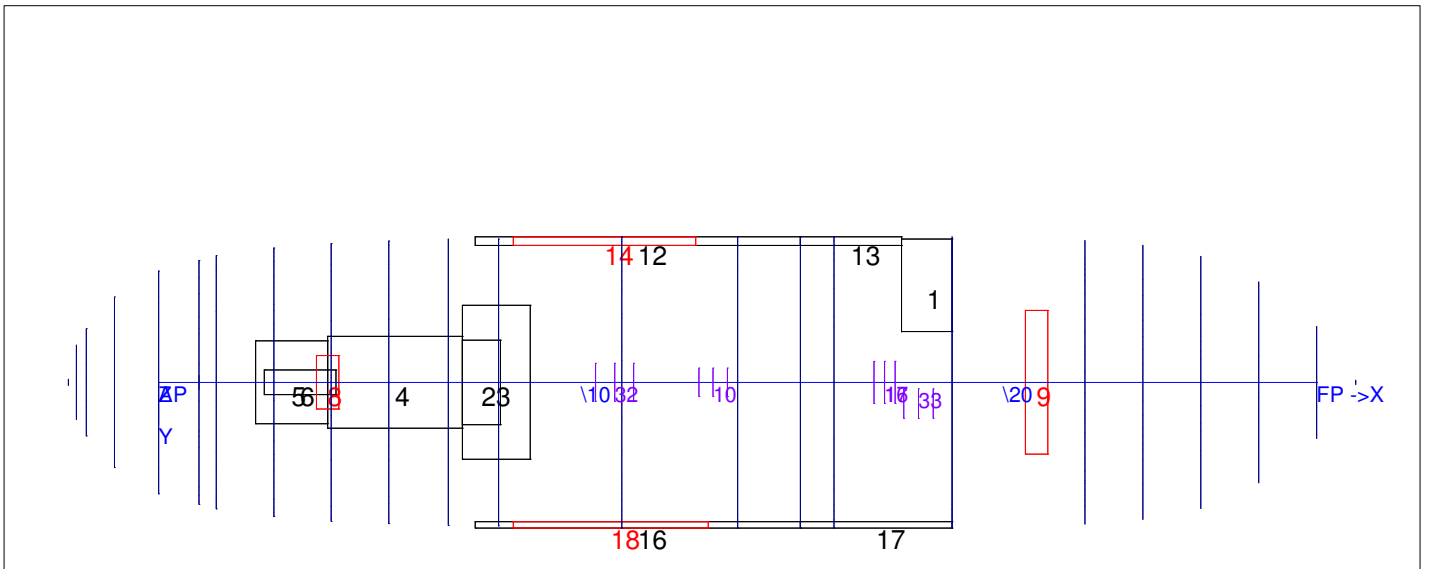
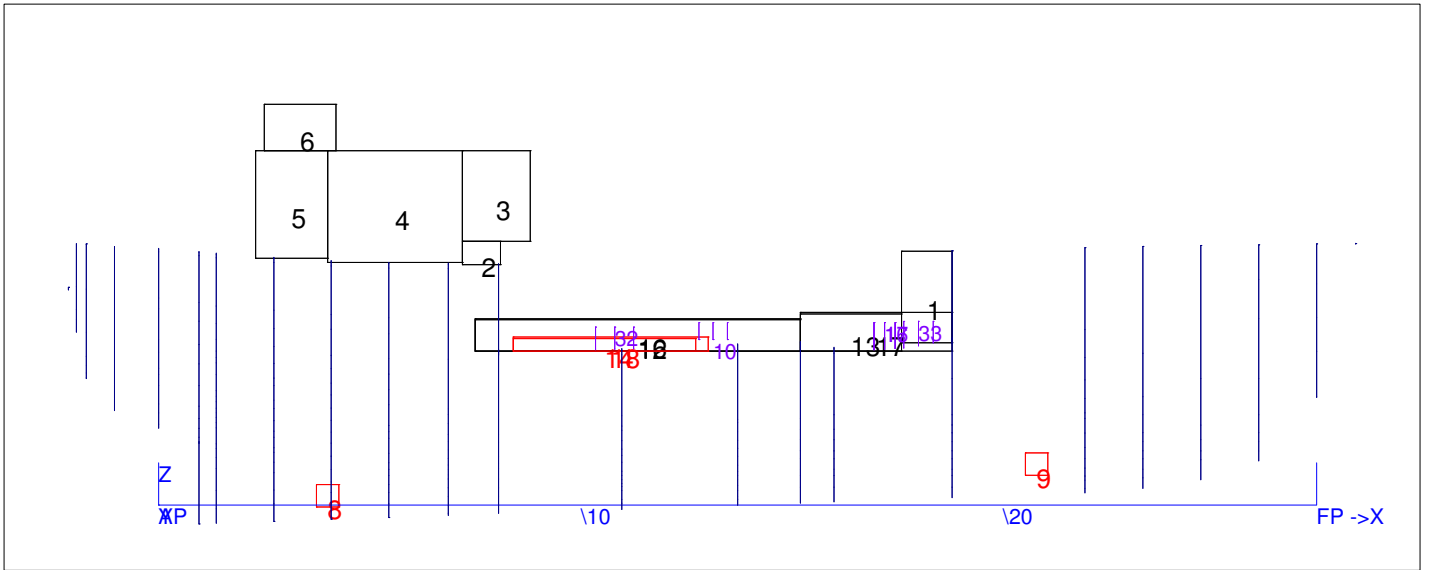
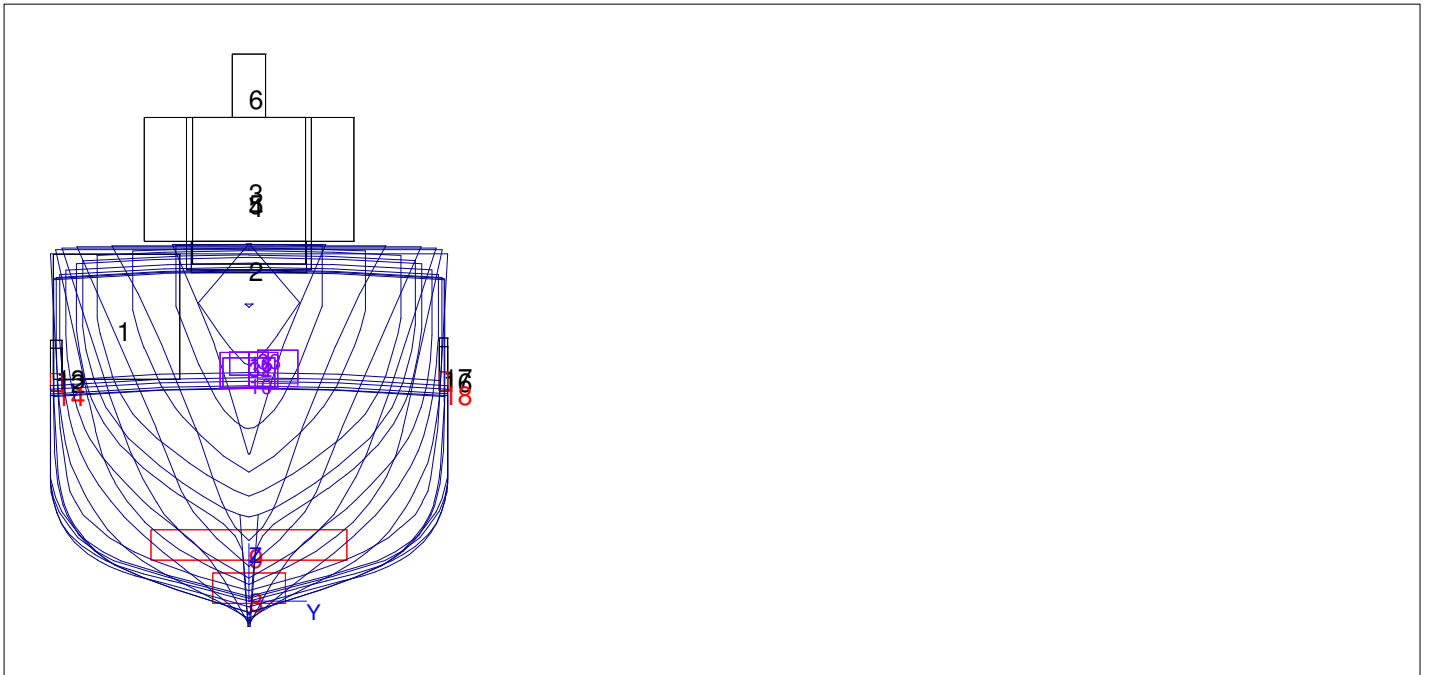
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Maindata

Path to ship: O:\Hypet\Skrogdatabase\_CW8\AM\064\

Prefix: 1

Date: 21 MAY 2019



# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The list of tanks.

Date: 21 MAY 2019

| No | Description           | Volume<br>(m3) | DWc<br>Dwc | Sp.Gr.<br>(t/m3) | Weight<br>(t) | LCG<br>(m) | VCG<br>(m) | TCG<br>(m) | Max.IT<br>(m4) | Corr.<br>factor | Flood points | Used Volume  | sections |
|----|-----------------------|----------------|------------|------------------|---------------|------------|------------|------------|----------------|-----------------|--------------|--------------|----------|
| 9  | Brennolje Vingtank BB | 9.03           | BO         | 0.8700           | 7.86          | 6.006      | 1.995      | -2.359     | 1.0            | 0.98000         |              | 36-37        |          |
| 10 | Brennolje Vingtank SB | 4.52           | BO         | 0.8700           | 3.93          | 4.506      | 2.277      | 2.254      | 0.5            | 0.98000         |              | 39-40        |          |
| 12 | Ferskvann Hekktank    | 2.78           | FV         | 1.0000           | 2.78          | -1.185     | 3.485      | 0.000      | 2.0            | 0.98000         |              | 25           |          |
| 13 | Vannballast Forut SB  | 5.86           | VB         | 1.0250           | 6.01          | 24.801     | 2.097      | 0.567      | 1.0            | 0.98000         |              | 28-30        |          |
| 14 | Vannballast Forut BB  | 5.86           | VB         | 1.0250           | 6.01          | 24.801     | 2.097      | -0.567     | 1.0            | 0.98000         |              | (28-30)M     |          |
| 15 | Lasterom 1            | 82.52          | LA         | 1.0250           | 84.58         | 10.858     | 1.998      | -0.000     | 135.0          | 1.00000         |              | 8-11         |          |
| 16 | Lasterom 2, SB        | 26.33          | LA         | 1.0250           | 26.99         | 15.582     | 2.041      | 1.481      | 11.3           | 1.00000         |              | 14-16        |          |
| 17 | Lasterom 3, BB        | 26.33          | LA         | 1.0250           | 26.99         | 15.582     | 2.041      | -1.481     | 11.3           | 1.00000         |              | (14-15)M, 17 |          |
| 19 | Dagtank BB            | 0.56           | BO         | 0.8700           | 0.49          | 24.600     | 5.461      | -0.913     | 0.0            | 0.98000         |              | 42           |          |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The list of tanks.

Date: 21 MAY 2019

| BO - Brennelje            | (0.8700t/m3) | Volume (m3)   | Displ. (t)    | LCG (m)      | VCG (m)      | TCG (m)       | Max.IT (m4) |
|---------------------------|--------------|---------------|---------------|--------------|--------------|---------------|-------------|
| 9 Brennelje Vingtank BB   |              | 9.034         | 7.860         | 6.006        | 1.995        | -2.359        | 1.0         |
| 10 Brennelje Vingtank SB  |              | 4.523         | 3.935         | 4.506        | 2.277        | 2.254         | 0.5         |
| 19 Dagtank BB             |              | 0.559         | 0.487         | 24.600       | 5.461        | -0.913        | 0.0         |
| <b>SUM BO - Brennelje</b> |              | <b>14.116</b> | <b>12.281</b> | <b>6.262</b> | <b>2.223</b> | <b>-0.824</b> |             |

| FV - Ferskvann            | (1.0000t/m3) | Volume (m3)  | Displ. (t)   | LCG (m)       | VCG (m)      | TCG (m)      | Max.IT (m4) |
|---------------------------|--------------|--------------|--------------|---------------|--------------|--------------|-------------|
| 12 Ferskvann Hekktank     |              | 2.776        | 2.776        | -1.185        | 3.485        | 0.000        | 2.0         |
| <b>SUM FV - Ferskvann</b> |              | <b>2.776</b> | <b>2.776</b> | <b>-1.185</b> | <b>3.485</b> | <b>0.000</b> |             |

| LA - Lasterom            | (1.0250t/m3) | Volume (m3)    | Displ. (t)     | LCG (m)       | VCG (m)      | TCG (m)       | Max.IT (m4) |
|--------------------------|--------------|----------------|----------------|---------------|--------------|---------------|-------------|
| 15 Lasterom 1            |              | 82.517         | 84.580         | 10.858        | 1.998        | -0.000        | 135.0       |
| 16 Lasterom 2, SB        |              | 26.333         | 26.991         | 15.582        | 2.041        | 1.481         | 11.3        |
| 17 Lasterom 3, BB        |              | 26.333         | 26.991         | 15.582        | 2.041        | -1.481        | 11.3        |
| <b>SUM LA - Lasterom</b> |              | <b>135.182</b> | <b>138.562</b> | <b>12.699</b> | <b>2.015</b> | <b>-0.000</b> |             |

| VB - Vannballast            | (1.0250t/m3) | Volume (m3)   | Displ. (t)    | LCG (m)       | VCG (m)      | TCG (m)      | Max.IT (m4) |
|-----------------------------|--------------|---------------|---------------|---------------|--------------|--------------|-------------|
| 13 Vannballast Forut SB     |              | 5.862         | 6.008         | 24.801        | 2.097        | 0.567        | 1.0         |
| 14 Vannballast Forut BB     |              | 5.862         | 6.008         | 24.801        | 2.097        | -0.567       | 1.0         |
| <b>SUM VB - Vannballast</b> |              | <b>11.723</b> | <b>12.016</b> | <b>24.801</b> | <b>2.097</b> | <b>0.000</b> |             |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The list of tanks.

Date: 21 MAY 2019

**Tank No:** 9 **Description:** Brennojle Vingtank BB

**Used Volume sections:** 36-37

**Flood points:**

| +/- No                            | Description of volume section | Uncorr. volume(m3) |
|-----------------------------------|-------------------------------|--------------------|
| + 36                              | Brennojle Vingtank BB Del 1   | 4.31               |
| + 37                              | Brennojle Vingtank BB Del 2   | 4.91               |
| <b>Total uncorr. volume (m3):</b> |                               | 9.22               |
| <b>Total corr. volume (m3):</b>   |                               | 9.22x 0.98000 9.03 |

**Tank No:** 10 **Description:** Brennojle Vingtank SB

**Used Volume sections:** 39-40

**Flood points:**

| +/- No                            | Description of volume section | Uncorr. volume(m3) |
|-----------------------------------|-------------------------------|--------------------|
| + 39                              | Brennojle Vingtank SB Del 1   | 1.27               |
| + 40                              | Brennojle Vingtank SB Del 2   | 3.34               |
| <b>Total uncorr. volume (m3):</b> |                               | 4.61               |
| <b>Total corr. volume (m3):</b>   |                               | 4.61x 0.98000 4.52 |

**Tank No:** 12 **Description:** Ferskvann Hekktank

**Used Volume sections:** 25

**Flood points:**

| +/- No                            | Description of volume section | Uncorr. volume(m3) |
|-----------------------------------|-------------------------------|--------------------|
| + 25                              | Ferskvann Hekktank            | 2.83               |
| <b>Total uncorr. volume (m3):</b> |                               | 2.83               |
| <b>Total corr. volume (m3):</b>   |                               | 2.83x 0.98000 2.78 |

**Tank No:** 13 **Description:** Vannballast Forut SB

**Used Volume sections:** 28-30

**Flood points:**

| +/- No                            | Description of volume section | Uncorr. volume(m3) |
|-----------------------------------|-------------------------------|--------------------|
| + 28                              | Vannballast Forut Del 1       | 3.71               |
| + 29                              | Vannballast Forut Del 2       | 1.63               |
| + 30                              | Vannballast Forut Del 3       | 0.64               |
| <b>Total uncorr. volume (m3):</b> |                               | 5.98               |
| <b>Total corr. volume (m3):</b>   |                               | 5.98x 0.98000 5.86 |

**Tank No:** 14 **Description:** Vannballast Forut BB

**Used Volume sections:** (28-30)M

**Flood points:**

| +/- No                            | Description of volume section | Uncorr. volume(m3) |
|-----------------------------------|-------------------------------|--------------------|
| + 28                              | Vannballast Forut Del 1       | 3.71               |
| + 29                              | Vannballast Forut Del 2       | 1.63               |
| + 30                              | Vannballast Forut Del 3       | 0.64               |
| <b>Total uncorr. volume (m3):</b> |                               | 5.98               |
| <b>Total corr. volume (m3):</b>   |                               | 5.98x 0.98000 5.86 |

**Tank No:** 15 **Description:** Lasterom 1

**Used Volume sections:** 8-11

**Flood points:**

| +/- No                            | Description of volume section     | Uncorr. volume(m3)   |
|-----------------------------------|-----------------------------------|----------------------|
| + 8                               | Trunk lasterom 1                  | 2.06                 |
| + 9                               | Lukekarm #30-#34                  | 0.47                 |
| + 10                              | Nedgangsluke lasterom 1           | 0.18                 |
| + 11                              | Lasterom 1- 8.0M - 13.60M FF. AP. | 79.81                |
| <b>Total uncorr. volume (m3):</b> |                                   | 82.52                |
| <b>Total corr. volume (m3):</b>   |                                   | 82.52x 1.00000 82.52 |



# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The list of tanks.

Date: 21 MAY 2019

**Tank No:** 16 **Description:** Lasterom 2, SB

**Used Volume sections:** 14-16

**Flood points:**

| +/- No   | Description of volume section       | Uncorr. volume(m3) |
|--|-------------------------------------|--------------------|
| + 14   | Lasterom 2/3 13.600M - 20.0M FF. AP | 25.89              |
| + 15   | Trunk lasterom 2/3                  | 0.29               |
| + 16   | Nedgangsluke lasterom 2 SB          | 0.16               |
| <b>Total uncorr. volume (m3):</b> 26.33        |                                     |                    |
| <b>Total corr. volume (m3):</b> 26.33x 1.00000 |                                     | 26.33              |

**Tank No:** 17 **Description:** Lasterom 3, BB

**Used Volume sections:** (14-15)M,17

**Flood points:**

| +/- No   | Description of volume section       | Uncorr. volume(m3) |
|--|-------------------------------------|--------------------|
| + 14   | Lasterom 2/3 13.600M - 20.0M FF. AP | 25.89              |
| + 15   | Trunk lasterom 2/3                  | 0.29               |
| + 17   | Nedgangsluke lasterom 3 BB          | 0.16               |
| <b>Total uncorr. volume (m3):</b> 26.33        |                                     |                    |
| <b>Total corr. volume (m3):</b> 26.33x 1.00000 |                                     | 26.33              |

**Tank No:** 19 **Description:** Dagtank BB

**Used Volume sections:** 42

**Flood points:**

| +/- No  | Description of volume section | Uncorr. volume(m3) |
|---|-------------------------------|--------------------|
| + 42  | Dagtank BB                    | 0.57               |
| <b>Total uncorr. volume (m3):</b> 0.57        |                               |                    |
| <b>Total corr. volume (m3):</b> 0.57x 0.98000 |                               | 0.56               |

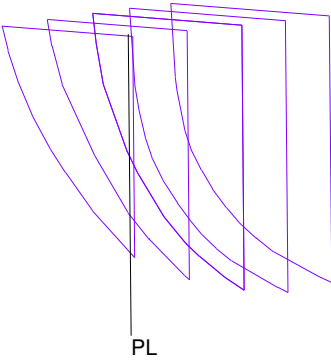
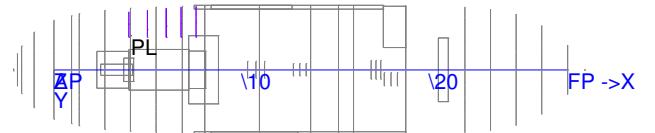
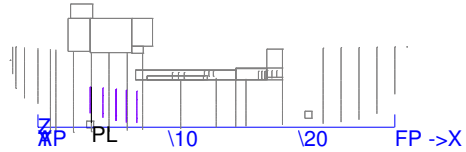
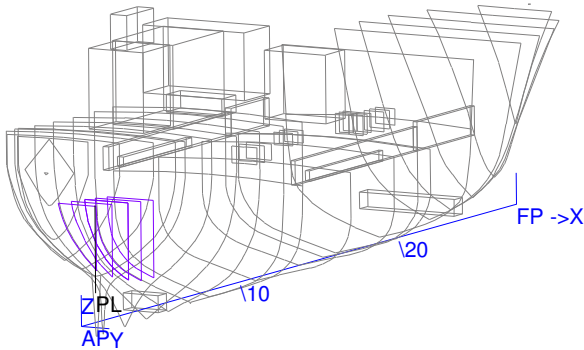
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The drawings of tanks

Date: 21 MAY 2019

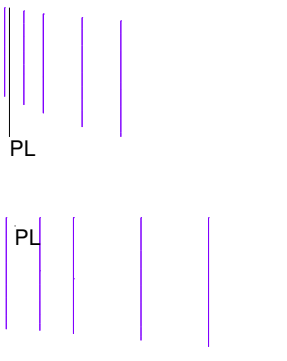
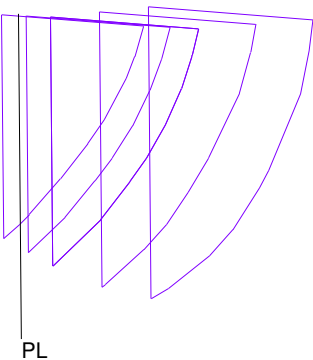
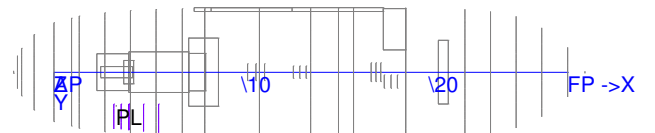
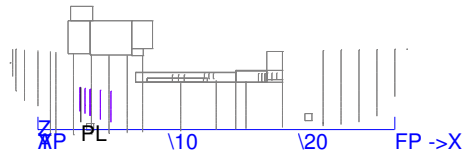
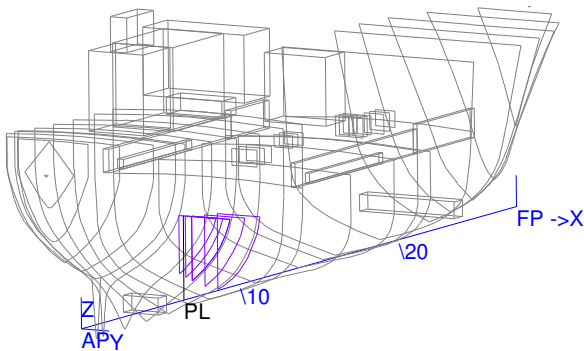
**Tank No:** 9    **Description:** Brennojle Vingtank BB  
**Used VolSections:** 36-37  
**Total uncorr. volume (m3):** 9.22  
**Total corr. volume (m3):** 9.22x 0.98000                      9.03

**Flood points:**



**Tank No:** 10    **Description:** Brennojle Vingtank SB  
**Used VolSections:** 39-40  
**Total uncorr. volume (m3):** 4.61  
**Total corr. volume (m3):** 4.61x 0.98000                      4.52

**Flood points:**



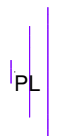
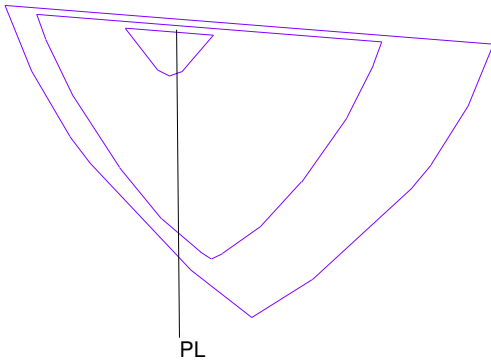
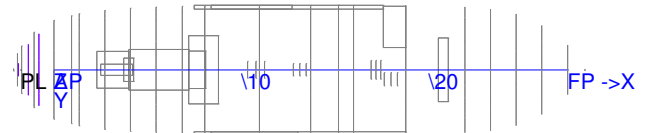
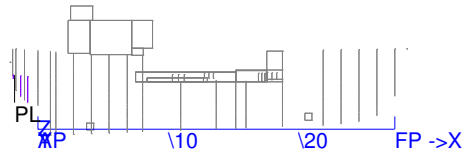
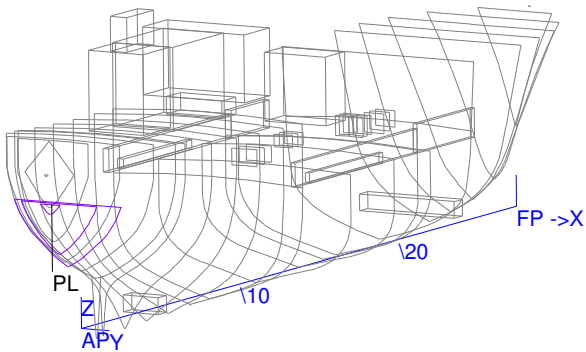
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The drawings of tanks

Date: 21 MAY 2019

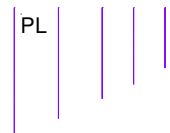
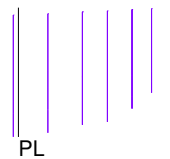
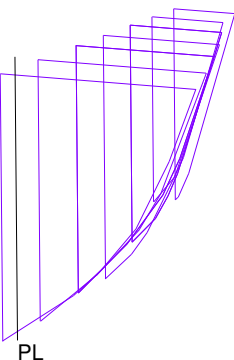
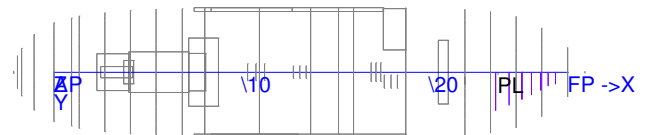
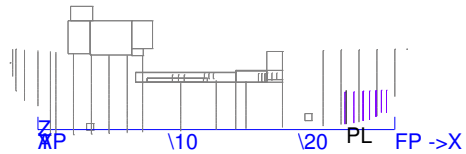
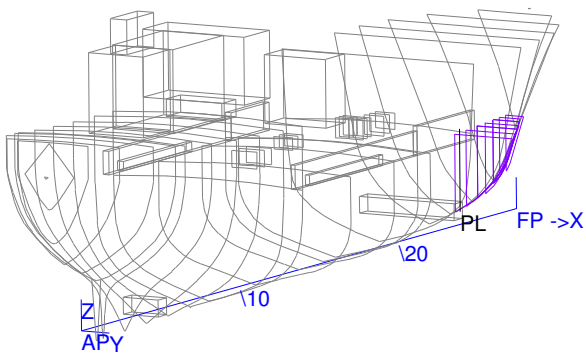
**Tank No:** 12    **Description:** Ferskvann Hekktank  
**Used VolSections:** 25  
**Total uncorr. volume (m3):** 2.83  
**Total corr. volume (m3):** 2.83x 0.98000                      2.78

**Flood points:**



**Tank No:** 13    **Description:** Vannballast Forut SB  
**Used VolSections:** 28-30  
**Total uncorr. volume (m3):** 5.98  
**Total corr. volume (m3):** 5.98x 0.98000                      5.86

**Flood points:**



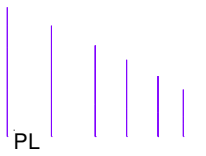
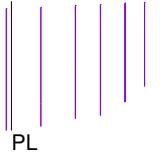
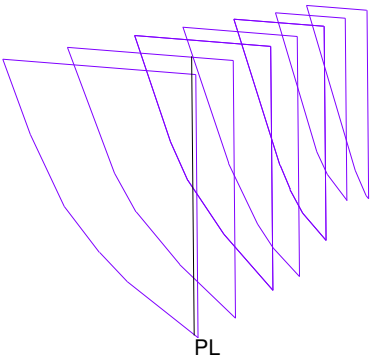
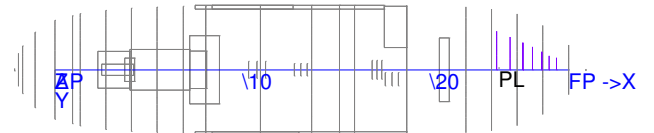
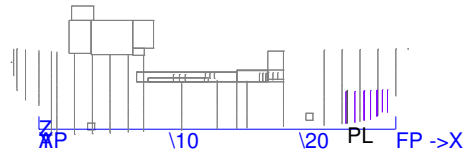
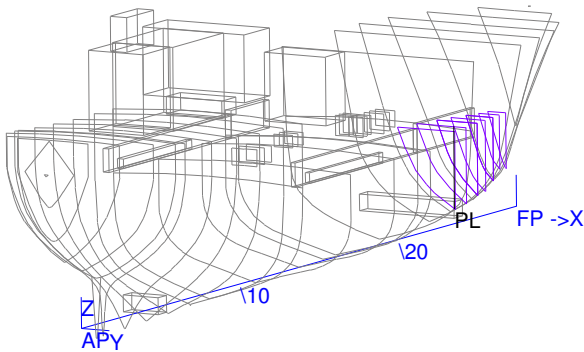
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The drawings of tanks

Date: 21 MAY 2019

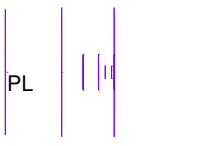
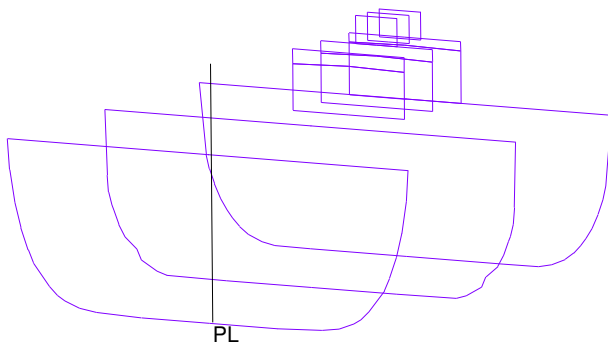
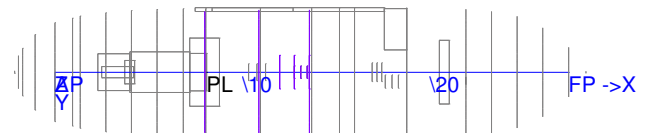
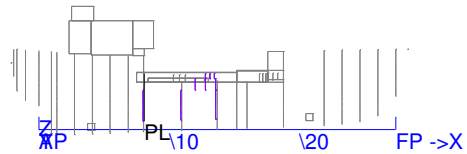
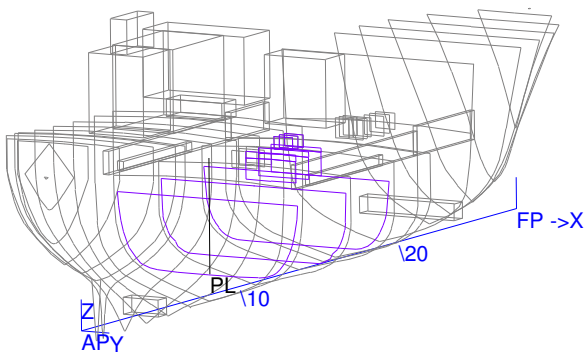
**Tank No:** 14 **Description:** Vannballast Forut BB  
**Used VolSections:** (28-30)M  
**Total uncorr. volume (m3):** 5.98  
**Total corr. volume (m3):** 5.98x 0.98000 5.86

**Flood points:**



**Tank No:** 15 **Description:** Lasterom 1  
**Used VolSections:** 8-11  
**Total uncorr. volume (m3):** 82.52  
**Total corr. volume (m3):** 82.52x 1.00000 82.52

**Flood points:**



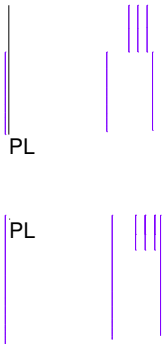
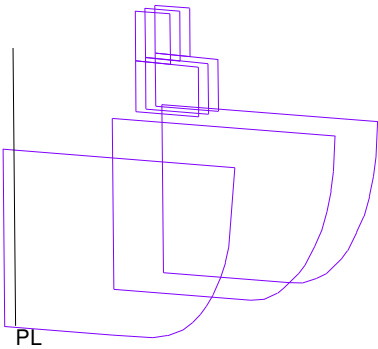
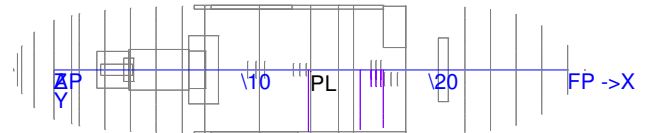
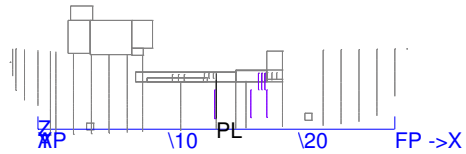
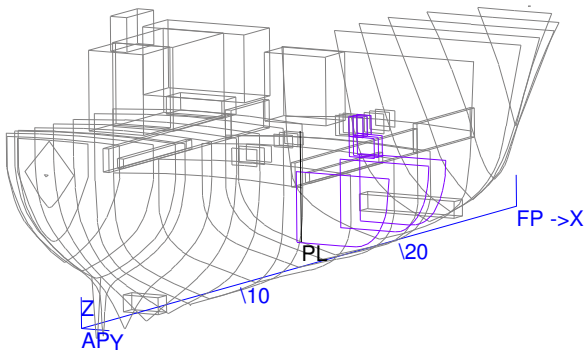
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The drawings of tanks

Date: 21 MAY 2019

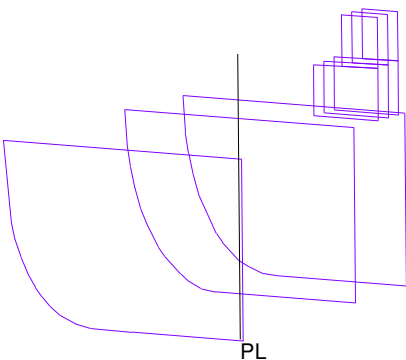
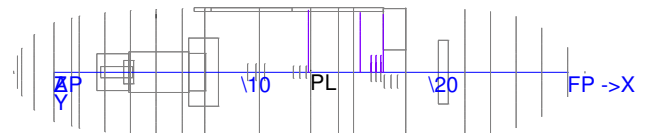
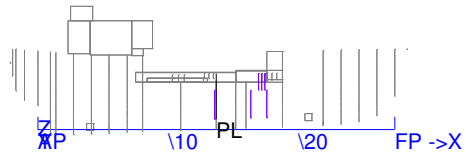
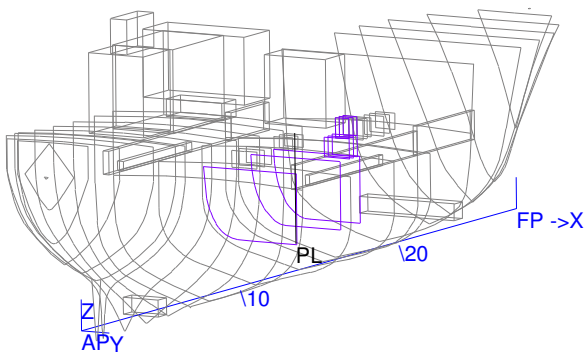
**Tank No:** 16    **Description:** Lasterom 2, SB  
**Used VolSections:** 14-16  
**Total uncorr. volume (m3):** 26.33  
**Total corr. volume (m3):** 26.33x 1.00000                      26.33

**Flood points:**



**Tank No:** 17    **Description:** Lasterom 3, BB  
**Used VolSections:** (14-15)M,17  
**Total uncorr. volume (m3):** 26.33  
**Total corr. volume (m3):** 26.33x 1.00000                      26.33

**Flood points:**



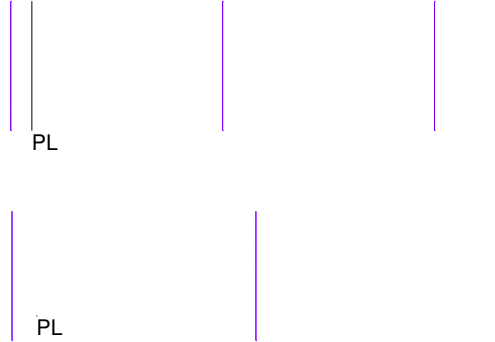
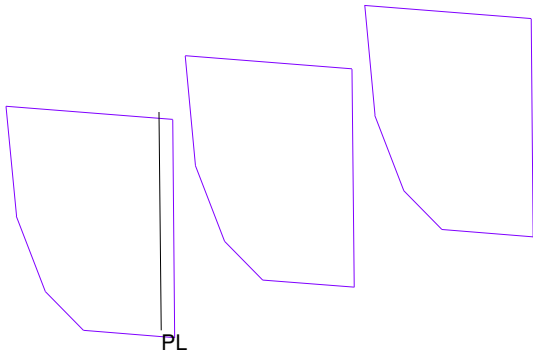
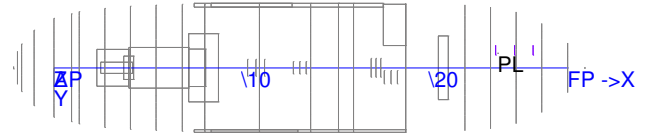
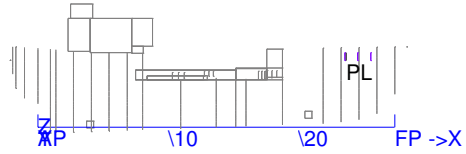
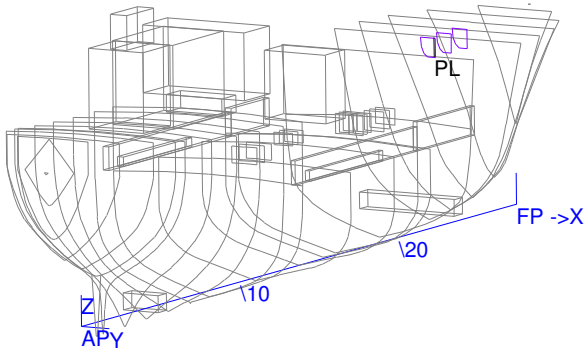
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## The drawings of tanks

Date: 21 MAY 2019

**Tank No:** 19    **Description:** Dagtank BB  
**Used VolSections:** 42  
**Total uncorr. volume (m3):** 0.57  
**Total corr. volume (m3):** 0.57x 0.98000                      0.56

**Flood points:**



# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 9 Brennojle Vingtank BB      **Correction factor:** 0.98000 **Vol. sections:** 36-37  
**Trims:** 0      **Set IT/IP/IL to 0:** NO

**Pipe data:**      **Waterline-space (m):** 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 4.1         | -1.825      | 0.349        |
| 2  | 4.1         | -1.825      | 3.120        |

| Height  |         |         | Corrected | VOLUMES (M3) |  |       | LCG     | VCG     | TCG     | IT      |
|---------|---------|---------|-----------|--------------|--|-------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED | Waterline | (DA-DF) in M |  |       | From AP | Ab.BASE | From CL | Transv. |
|         |         |         |           |              |  | (m)   | (m)     | (m)     | (m4)    |         |
| 0=0.349 | 0=3.120 | 0.000   |           |              |  |       |         |         |         |         |
| 0.000   | 2.671   | 0.00    |           |              |  | 7.050 | 0.426   | -1.798  | 0.00    |         |
| 0.100   | 2.671   | 0.01    |           |              |  | 7.050 | 0.426   | -1.798  | 0.00    |         |
| 0.200   | 2.571   | 0.05    |           |              |  | 6.978 | 0.490   | -1.868  | 0.01    |         |
| 0.300   | 2.471   | 0.14    |           |              |  | 6.880 | 0.560   | -1.931  | 0.04    |         |
| 0.400   | 2.371   | 0.25    |           |              |  | 6.821 | 0.624   | -1.981  | 0.07    |         |
| 0.500   | 2.271   | 0.40    |           |              |  | 6.764 | 0.690   | -2.023  | 0.11    |         |
| 0.600   | 2.171   | 0.59    |           |              |  | 6.698 | 0.757   | -2.056  | 0.17    |         |
| 0.700   | 2.071   | 0.81    |           |              |  | 6.622 | 0.824   | -2.083  | 0.23    |         |
| 0.800   | 1.971   | 1.06    |           |              |  | 6.556 | 0.890   | -2.108  | 0.29    |         |
| 0.900   | 1.871   | 1.35    |           |              |  | 6.497 | 0.956   | -2.131  | 0.35    |         |
| 1.000   | 1.771   | 1.66    |           |              |  | 6.444 | 1.021   | -2.152  | 0.42    |         |
| 1.100   | 1.671   | 2.00    |           |              |  | 6.398 | 1.086   | -2.172  | 0.48    |         |
| 1.200   | 1.571   | 2.37    |           |              |  | 6.357 | 1.149   | -2.191  | 0.54    |         |
| 1.300   | 1.471   | 2.75    |           |              |  | 6.322 | 1.212   | -2.209  | 0.59    |         |
| 1.400   | 1.371   | 3.16    |           |              |  | 6.290 | 1.275   | -2.225  | 0.64    |         |
| 1.500   | 1.271   | 3.58    |           |              |  | 6.261 | 1.336   | -2.241  | 0.68    |         |
| 1.600   | 1.171   | 4.01    |           |              |  | 6.235 | 1.398   | -2.255  | 0.73    |         |
| 1.700   | 1.071   | 4.46    |           |              |  | 6.212 | 1.459   | -2.268  | 0.77    |         |
| 1.800   | 0.971   | 4.93    |           |              |  | 6.190 | 1.519   | -2.281  | 0.81    |         |
| 1.900   | 0.871   | 5.41    |           |              |  | 6.170 | 1.579   | -2.293  | 0.85    |         |
| 2.000   | 0.771   | 5.90    |           |              |  | 6.151 | 1.639   | -2.305  | 0.89    |         |
| 2.100   | 0.671   | 6.40    |           |              |  | 6.133 | 1.698   | -2.316  | 0.93    |         |
| 2.200   | 0.571   | 6.90    |           |              |  | 6.117 | 1.758   | -2.326  | 0.96    |         |
| 2.300   | 0.471   | 7.42    |           |              |  | 6.102 | 1.816   | -2.336  | 0.99    |         |
| 2.400   | 0.371   | 7.94    |           |              |  | 6.088 | 1.874   | -2.345  | 1.02    |         |
| 2.500   | 0.271   | 8.45    |           |              |  | 6.071 | 1.930   | -2.353  | 0.95    |         |
| 2.600   | 0.171   | 8.80    |           |              |  | 6.040 | 1.969   | -2.357  | 0.39    |         |
| 2.700   | 0.071   | 9.00    |           |              |  | 6.013 | 1.991   | -2.359  | 0.00    |         |
| 2.771   | 0.000   | 9.03    |           |              |  | 6.006 | 1.995   | -2.359  | 0.00    |         |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 10 Brennojle Vingtank SB      **Correction factor:** 0.98000 **Vol. sections:** 39-40  
**Trims:** 0      **Set IT/IP/IL to 0:** NO

**Pipe data:**      **Waterline-space (m):** 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 3.3         | 1.810       | 0.582        |
| 2  | 3.3         | 1.810       | 3.251        |

| Height  |         |         | Corrected VOLUMES (M3) |  | LCG     | VCG     | TCG     | IT      |
|---------|---------|---------|------------------------|--|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED | Waterline (DA-DF) in M |  | From AP | Ab.BASE | From CL | Transv. |
| 0=0.582 | 0=3.251 | 0.000   |                        |  | (m)     | (m)     | (m)     | (m4)    |
| 0.000   | 2.569   | 0.00    |                        |  | 5.360   | 0.680   | 1.746   | 0.00    |
| 0.100   | 2.569   | 0.00    |                        |  | 5.360   | 0.680   | 1.746   | 0.00    |
| 0.200   | 2.469   | 0.01    |                        |  | 5.360   | 0.720   | 1.775   | 0.00    |
| 0.300   | 2.369   | 0.03    |                        |  | 5.331   | 0.790   | 1.815   | 0.00    |
| 0.400   | 2.269   | 0.05    |                        |  | 5.256   | 0.869   | 1.849   | 0.01    |
| 0.500   | 2.169   | 0.10    |                        |  | 5.175   | 0.948   | 1.878   | 0.01    |
| 0.600   | 2.069   | 0.16    |                        |  | 5.106   | 1.020   | 1.905   | 0.02    |
| 0.700   | 1.969   | 0.24    |                        |  | 5.047   | 1.091   | 1.930   | 0.03    |
| 0.800   | 1.869   | 0.34    |                        |  | 4.985   | 1.162   | 1.953   | 0.05    |
| 0.900   | 1.769   | 0.46    |                        |  | 4.922   | 1.233   | 1.974   | 0.07    |
| 1.000   | 1.669   | 0.61    |                        |  | 4.865   | 1.303   | 1.994   | 0.09    |
| 1.100   | 1.569   | 0.77    |                        |  | 4.816   | 1.372   | 2.014   | 0.11    |
| 1.200   | 1.469   | 0.94    |                        |  | 4.775   | 1.440   | 2.034   | 0.14    |
| 1.300   | 1.369   | 1.14    |                        |  | 4.740   | 1.507   | 2.054   | 0.16    |
| 1.400   | 1.269   | 1.35    |                        |  | 4.710   | 1.574   | 2.073   | 0.19    |
| 1.500   | 1.169   | 1.58    |                        |  | 4.684   | 1.640   | 2.093   | 0.23    |
| 1.600   | 1.069   | 1.82    |                        |  | 4.661   | 1.705   | 2.112   | 0.26    |
| 1.700   | 0.969   | 2.07    |                        |  | 4.641   | 1.770   | 2.130   | 0.30    |
| 1.800   | 0.869   | 2.34    |                        |  | 4.624   | 1.835   | 2.149   | 0.34    |
| 1.900   | 0.769   | 2.62    |                        |  | 4.609   | 1.899   | 2.167   | 0.38    |
| 2.000   | 0.669   | 2.92    |                        |  | 4.595   | 1.962   | 2.184   | 0.41    |
| 2.100   | 0.569   | 3.22    |                        |  | 4.583   | 2.025   | 2.200   | 0.45    |
| 2.200   | 0.469   | 3.53    |                        |  | 4.572   | 2.087   | 2.215   | 0.48    |
| 2.300   | 0.369   | 3.84    |                        |  | 4.562   | 2.148   | 2.229   | 0.51    |
| 2.400   | 0.269   | 4.16    |                        |  | 4.553   | 2.209   | 2.242   | 0.46    |
| 2.500   | 0.169   | 4.40    |                        |  | 4.532   | 2.253   | 2.251   | 0.22    |
| 2.600   | 0.069   | 4.51    |                        |  | 4.510   | 2.274   | 2.254   | 0.00    |
| 2.669   | 0.000   | 4.52    |                        |  | 4.506   | 2.277   | 2.254   | 0.00    |



## M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 12 Ferskvann Hekktank      **Correction factor:** 0.98000 **Vol. sections:** 25  
**Trims:** 0      **Set IT/IP/IL to 0:** NO

**Pipe data:**      **Waterline-space (m):** 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | -1.8        | 0.000       | 2.055        |
| 2  | -1.8        | 0.000       | 4.186        |

| Height  |         |         | Corrected VOLUMES (M3) | LCG     | VCG     | TCG     | IT      |
|---------|---------|---------|------------------------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED | Waterline (DA-DF) in M | From AP | Ab.BASE | From CL | Transv. |
|         |         |         |                        | (m)     | (m)     | (m)     | (m4)    |
| 0=2.055 | 0=4.186 | 0.000   |                        |         |         |         |         |
| 0.000   | 2.031   | 0.00    |                        | -0.965  | 2.172   | 0.000   | 0.00    |
| 0.100   | 2.031   | 0.00    |                        | -0.965  | 2.172   | 0.000   | 0.00    |
| 0.200   | 1.931   | 0.01    |                        | -0.965  | 2.214   | 0.000   | 0.01    |
| 0.300   | 1.831   | 0.03    |                        | -0.965  | 2.396   | 0.000   | 0.02    |
| 0.400   | 1.731   | 0.06    |                        | -0.965  | 2.428   | 0.000   | 0.03    |
| 0.500   | 1.631   | 0.09    |                        | -0.966  | 2.466   | 0.000   | 0.05    |
| 0.600   | 1.531   | 0.13    |                        | -0.977  | 2.531   | 0.000   | 0.09    |
| 0.700   | 1.431   | 0.19    |                        | -0.992  | 2.595   | 0.000   | 0.14    |
| 0.800   | 1.331   | 0.28    |                        | -1.026  | 2.665   | 0.000   | 0.19    |
| 0.900   | 1.231   | 0.39    |                        | -1.063  | 2.752   | 0.000   | 0.27    |
| 1.000   | 1.131   | 0.52    |                        | -1.088  | 2.829   | 0.000   | 0.39    |
| 1.100   | 1.031   | 0.67    |                        | -1.107  | 2.836   | 0.000   | 0.51    |
| 1.200   | 0.931   | 0.84    |                        | -1.121  | 2.911   | 0.000   | 0.63    |
| 1.300   | 0.831   | 1.01    |                        | -1.132  | 2.982   | 0.000   | 0.77    |
| 1.400   | 0.731   | 1.20    |                        | -1.141  | 3.051   | 0.000   | 0.93    |
| 1.500   | 0.631   | 1.41    |                        | -1.148  | 3.119   | 0.000   | 1.10    |
| 1.600   | 0.531   | 1.62    |                        | -1.155  | 3.186   | -0.000  | 1.28    |
| 1.700   | 0.431   | 1.85    |                        | -1.160  | 3.251   | -0.000  | 1.43    |
| 1.800   | 0.331   | 2.09    |                        | -1.165  | 3.315   | 0.000   | 1.60    |
| 1.900   | 0.231   | 2.34    |                        | -1.169  | 3.378   | 0.000   | 1.79    |
| 2.000   | 0.131   | 2.60    |                        | -1.174  | 3.442   | 0.000   | 1.95    |
| 2.100   | 0.031   | 2.77    |                        | -1.184  | 3.484   | 0.000   | 0.00    |
| 2.131   | 0.000   | 2.78    |                        | -1.185  | 3.485   | 0.000   | 0.00    |

## M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 13 Vannballast Forut SB      **Correction factor:** 0.98000 **Vol. sections:** 28-30  
**Trims:** 0      **Set IT/IP/IL to 0:** NO

**Pipe data:**      **Waterline-space (m):** 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 23.7        | 0.100       | 0.434        |
| 2  | 23.7        | 0.100       | 3.050        |

| Height  |         |         | Corrected VOLUMES (M3) | LCG     | VCG     | TCG     | IT      |
|---------|---------|---------|------------------------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED | Waterline (DA-DF) in M | From AP | Ab.BASE | From CL | Transv. |
|         |         |         |                        | (m)     | (m)     | (m)     | (m4)    |
| 0=0.434 | 0=3.050 | 0.000   |                        |         |         |         |         |
| 0.000   | 2.516   | 0.00    |                        | 23.818  | 0.515   | 0.036   | 0.00    |
| 0.100   | 2.516   | 0.00    |                        | 23.818  | 0.515   | 0.036   | 0.00    |
| 0.200   | 2.416   | 0.02    |                        | 23.964  | 0.580   | 0.076   | 0.00    |
| 0.300   | 2.316   | 0.04    |                        | 24.053  | 0.652   | 0.116   | 0.00    |
| 0.400   | 2.216   | 0.10    |                        | 24.165  | 0.726   | 0.151   | 0.01    |
| 0.500   | 2.116   | 0.17    |                        | 24.267  | 0.799   | 0.185   | 0.03    |
| 0.600   | 2.016   | 0.28    |                        | 24.339  | 0.869   | 0.218   | 0.05    |
| 0.700   | 1.916   | 0.41    |                        | 24.398  | 0.938   | 0.249   | 0.08    |
| 0.800   | 1.816   | 0.56    |                        | 24.446  | 1.006   | 0.278   | 0.11    |
| 0.900   | 1.716   | 0.73    |                        | 24.482  | 1.073   | 0.305   | 0.14    |
| 1.000   | 1.616   | 0.92    |                        | 24.512  | 1.139   | 0.332   | 0.19    |
| 1.100   | 1.516   | 1.14    |                        | 24.546  | 1.206   | 0.356   | 0.25    |
| 1.200   | 1.416   | 1.38    |                        | 24.578  | 1.272   | 0.377   | 0.30    |
| 1.300   | 1.316   | 1.64    |                        | 24.607  | 1.337   | 0.398   | 0.34    |
| 1.400   | 1.216   | 1.91    |                        | 24.631  | 1.401   | 0.416   | 0.39    |
| 1.500   | 1.116   | 2.20    |                        | 24.651  | 1.464   | 0.434   | 0.43    |
| 1.600   | 1.016   | 2.50    |                        | 24.670  | 1.527   | 0.450   | 0.48    |
| 1.700   | 0.916   | 2.81    |                        | 24.686  | 1.589   | 0.465   | 0.53    |
| 1.800   | 0.816   | 3.14    |                        | 24.700  | 1.651   | 0.479   | 0.58    |
| 1.900   | 0.716   | 3.48    |                        | 24.713  | 1.712   | 0.493   | 0.63    |
| 2.000   | 0.616   | 3.83    |                        | 24.725  | 1.774   | 0.507   | 0.68    |
| 2.100   | 0.516   | 4.19    |                        | 24.736  | 1.835   | 0.520   | 0.74    |
| 2.200   | 0.416   | 4.56    |                        | 24.746  | 1.897   | 0.532   | 0.80    |
| 2.300   | 0.316   | 4.95    |                        | 24.756  | 1.958   | 0.545   | 0.86    |
| 2.400   | 0.216   | 5.34    |                        | 24.765  | 2.020   | 0.557   | 0.93    |
| 2.500   | 0.116   | 5.73    |                        | 24.777  | 2.079   | 0.568   | 0.28    |
| 2.600   | 0.016   | 5.86    |                        | 24.801  | 2.097   | 0.567   | 0.00    |
| 2.616   | 0.000   | 5.86    |                        | 24.801  | 2.097   | 0.567   | 0.00    |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 14 Vannballast Forut BB      **Correction factor:** 0.98000 **Vol. sections:** (28-30)M  
**Trims:** 0      **Set IT/IP/IL to 0:** NO

**Pipe data:**      **Waterline-space (m):** 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 23.7        | -0.100      | 0.434        |
| 2  | 23.7        | -0.100      | 3.050        |

| Height  |         |         | Corrected VOLUMES (M3) | LCG     | VCG     | TCG     | IT      |
|---------|---------|---------|------------------------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED | Waterline (DA-DF) in M | From AP | Ab.BASE | From CL | Transv. |
|         |         |         |                        | (m)     | (m)     | (m)     | (m4)    |
| 0=0.434 | 0=3.050 | 0.000   |                        |         |         |         |         |
| 0.000   | 2.516   | 0.00    |                        | 23.818  | 0.515   | -0.036  | 0.00    |
| 0.100   | 2.516   | 0.00    |                        | 23.818  | 0.515   | -0.036  | 0.00    |
| 0.200   | 2.416   | 0.02    |                        | 23.964  | 0.580   | -0.076  | 0.00    |
| 0.300   | 2.316   | 0.04    |                        | 24.053  | 0.652   | -0.116  | 0.00    |
| 0.400   | 2.216   | 0.10    |                        | 24.165  | 0.726   | -0.151  | 0.01    |
| 0.500   | 2.116   | 0.17    |                        | 24.267  | 0.799   | -0.185  | 0.03    |
| 0.600   | 2.016   | 0.28    |                        | 24.339  | 0.869   | -0.218  | 0.05    |
| 0.700   | 1.916   | 0.41    |                        | 24.398  | 0.938   | -0.249  | 0.08    |
| 0.800   | 1.816   | 0.56    |                        | 24.446  | 1.006   | -0.278  | 0.11    |
| 0.900   | 1.716   | 0.73    |                        | 24.482  | 1.073   | -0.305  | 0.14    |
| 1.000   | 1.616   | 0.92    |                        | 24.512  | 1.139   | -0.332  | 0.19    |
| 1.100   | 1.516   | 1.14    |                        | 24.546  | 1.206   | -0.356  | 0.25    |
| 1.200   | 1.416   | 1.38    |                        | 24.578  | 1.272   | -0.377  | 0.30    |
| 1.300   | 1.316   | 1.64    |                        | 24.607  | 1.337   | -0.398  | 0.34    |
| 1.400   | 1.216   | 1.91    |                        | 24.631  | 1.401   | -0.416  | 0.39    |
| 1.500   | 1.116   | 2.20    |                        | 24.651  | 1.464   | -0.434  | 0.43    |
| 1.600   | 1.016   | 2.50    |                        | 24.670  | 1.527   | -0.450  | 0.48    |
| 1.700   | 0.916   | 2.81    |                        | 24.686  | 1.589   | -0.465  | 0.53    |
| 1.800   | 0.816   | 3.14    |                        | 24.700  | 1.651   | -0.479  | 0.58    |
| 1.900   | 0.716   | 3.48    |                        | 24.713  | 1.712   | -0.493  | 0.63    |
| 2.000   | 0.616   | 3.83    |                        | 24.725  | 1.774   | -0.507  | 0.68    |
| 2.100   | 0.516   | 4.19    |                        | 24.736  | 1.835   | -0.520  | 0.74    |
| 2.200   | 0.416   | 4.56    |                        | 24.746  | 1.897   | -0.532  | 0.80    |
| 2.300   | 0.316   | 4.95    |                        | 24.756  | 1.958   | -0.545  | 0.86    |
| 2.400   | 0.216   | 5.34    |                        | 24.765  | 2.020   | -0.557  | 0.93    |
| 2.500   | 0.116   | 5.73    |                        | 24.777  | 2.079   | -0.568  | 0.28    |
| 2.600   | 0.016   | 5.86    |                        | 24.801  | 2.097   | -0.567  | 0.00    |
| 2.616   | 0.000   | 5.86    |                        | 24.801  | 2.097   | -0.567  | 0.00    |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 15 Lasterom 1

**Correction factor:** 1.00000 **Vol. sections:** 8-11

**Trims:** 0,-1,1,2

**Set IT/IP/IL to 0:** NO

**Pipe data:** Waterline-space (m): 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 8.1         | 0.000       | 0.650        |
| 2  | 8.1         | 0.000       | 4.328        |

| Height  |         | Corrected VOLUMES (M3) |           |         |       | LCG     | VCG     | TCG     | IT      |
|---------|---------|------------------------|-----------|---------|-------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED                | Waterline | (DA-DF) | in M  | From AP | Ab.BASE | From CL | Transv. |
| 0=0.650 | 0=4.328 | 0.000                  | -1.000    | 1.000   | 2.000 | (m)     | (m)     | (m)     | (m4)    |
| 0.000   | 3.678   | 0.00                   | 0.18      | 0.01    | 0.02  | 8.866   | 0.684   | 0.000   | 1.08    |
| 0.100   | 3.578   | 0.45                   | 2.73      | 0.47    | 0.49  | 8.866   | 0.718   | 0.000   | 8.36    |
| 0.200   | 3.478   | 2.74                   | 5.63      | 1.03    | 1.05  | 10.150  | 0.791   | 0.000   | 58.65   |
| 0.300   | 3.378   | 5.65                   | 8.68      | 3.08    | 1.64  | 10.481  | 0.848   | 0.000   | 72.32   |
| 0.400   | 3.278   | 8.69                   | 11.80     | 5.71    | 3.57  | 10.596  | 0.901   | 0.000   | 77.89   |
| 0.500   | 3.178   | 11.81                  | 15.03     | 8.74    | 6.09  | 10.653  | 0.954   | 0.000   | 85.35   |
| 0.600   | 3.078   | 15.05                  | 18.37     | 11.86   | 8.84  | 10.688  | 1.007   | 0.000   | 95.40   |
| 0.700   | 2.978   | 18.38                  | 21.77     | 15.09   | 11.94 | 10.711  | 1.060   | 0.000   | 101.92  |
| 0.800   | 2.878   | 21.79                  | 25.22     | 18.42   | 15.16 | 10.728  | 1.113   | 0.000   | 107.53  |
| 0.900   | 2.778   | 25.24                  | 28.72     | 21.82   | 18.49 | 10.740  | 1.166   | 0.000   | 111.94  |
| 1.000   | 2.678   | 28.74                  | 32.26     | 25.27   | 21.88 | 10.750  | 1.219   | 0.000   | 116.43  |
| 1.100   | 2.578   | 32.28                  | 35.84     | 28.77   | 25.33 | 10.757  | 1.272   | 0.000   | 120.49  |
| 1.200   | 2.478   | 35.86                  | 39.45     | 32.32   | 28.82 | 10.763  | 1.325   | 0.000   | 123.90  |
| 1.300   | 2.378   | 39.47                  | 43.07     | 35.90   | 32.37 | 10.769  | 1.377   | 0.000   | 125.95  |
| 1.400   | 2.278   | 43.10                  | 46.71     | 39.51   | 35.94 | 10.773  | 1.430   | 0.000   | 127.53  |
| 1.500   | 2.178   | 46.74                  | 50.35     | 43.13   | 39.55 | 10.776  | 1.482   | 0.000   | 128.75  |
| 1.600   | 2.078   | 50.38                  | 54.01     | 46.77   | 43.17 | 10.779  | 1.534   | 0.000   | 129.54  |
| 1.700   | 1.978   | 54.04                  | 57.67     | 50.42   | 46.81 | 10.782  | 1.586   | 0.000   | 130.33  |
| 1.800   | 1.878   | 57.70                  | 61.34     | 54.08   | 50.46 | 10.784  | 1.638   | 0.000   | 131.12  |
| 1.900   | 1.778   | 61.37                  | 65.01     | 57.74   | 54.12 | 10.785  | 1.689   | 0.000   | 131.92  |
| 2.000   | 1.678   | 65.05                  | 68.70     | 61.42   | 57.79 | 10.787  | 1.741   | 0.000   | 132.64  |
| 2.100   | 1.578   | 68.74                  | 72.39     | 65.10   | 61.46 | 10.788  | 1.792   | 0.000   | 133.24  |
| 2.200   | 1.478   | 72.43                  | 76.08     | 68.78   | 65.14 | 10.789  | 1.844   | 0.000   | 133.84  |
| 2.300   | 1.378   | 76.12                  | 79.35     | 72.47   | 68.82 | 10.791  | 1.895   | 0.000   | 134.44  |
| 2.400   | 1.278   | 79.81                  | 80.28     | 76.14   | 72.46 | 10.792  | 1.946   | -0.000  | 0.78    |
| 2.500   | 1.178   | 80.10                  | 80.59     | 79.19   | 75.51 | 10.799  | 1.950   | -0.000  | 0.78    |
| 2.600   | 1.078   | 80.39                  | 80.88     | 79.89   | 78.56 | 10.806  | 1.955   | -0.000  | 0.78    |
| 2.700   | 0.978   | 80.67                  | 81.17     | 80.18   | 79.24 | 10.813  | 1.959   | -0.000  | 0.78    |
| 2.800   | 0.878   | 80.96                  | 81.46     | 80.47   | 79.97 | 10.820  | 1.964   | -0.000  | 0.00    |
| 2.900   | 0.778   | 81.25                  | 81.74     | 80.76   | 80.26 | 10.827  | 1.970   | -0.000  | 0.00    |
| 3.000   | 0.678   | 81.54                  | 82.03     | 81.04   | 80.55 | 10.834  | 1.976   | -0.000  | 0.00    |
| 3.100   | 0.578   | 81.83                  | 82.31     | 81.33   | 80.84 | 10.841  | 1.982   | -0.000  | 0.00    |
| 3.200   | 0.478   | 82.11                  | 82.39     | 81.62   | 81.13 | 10.848  | 1.988   | -0.000  | 0.00    |
| 3.300   | 0.378   | 82.35                  | 82.43     | 81.91   | 81.42 | 10.854  | 1.994   | -0.000  | 0.00    |
| 3.400   | 0.278   | 82.39                  | 82.47     | 82.20   | 81.71 | 10.855  | 1.995   | -0.000  | 0.00    |
| 3.500   | 0.178   | 82.44                  | 82.52     | 82.35   | 81.99 | 10.856  | 1.996   | -0.000  | 0.00    |
| 3.600   | 0.078   | 82.48                  | 82.52     | 82.40   | 82.26 | 10.857  | 1.997   | -0.000  | 0.00    |
| 3.678   | 0.000   | 82.52                  | 82.52     | 82.43   | 82.35 | 10.858  | 1.998   | -0.000  | 0.00    |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 16 Lasterom 2, SB

**Correction factor:** 1.00000 **Vol. sections:** 14-16

**Trims:** 0,-1,1,2

**Set IT/IP/IL to 0:** NO

**Pipe data:** Waterline-space (m): 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 13.7        | 0.100       | 0.814        |
| 2  | 13.7        | 0.100       | 4.321        |

| Height  |         | Corrected VOLUMES (M3) |           |         |       | LCG     | VCG     | TCG     | IT      |
|---------|---------|------------------------|-----------|---------|-------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED                | Waterline | (DA-DF) | in M  | From AP | Ab.BASE | From CL | Transv. |
| 0=0.814 | 0=4.321 | 0.000                  | -1.000    | 1.000   | 2.000 | (m)     | (m)     | (m)     | (m4)    |
| 0.000   | 3.507   | 0.00                   | 0.10      | 0.01    | 0.02  | 14.381  | 0.837   | 0.883   | 0.36    |
| 0.100   | 3.407   | 0.37                   | 1.00      | 0.26    | 0.26  | 14.762  | 0.881   | 1.112   | 3.82    |
| 0.200   | 3.307   | 1.31                   | 1.98      | 0.67    | 0.54  | 15.285  | 0.941   | 1.157   | 4.90    |
| 0.300   | 3.207   | 2.31                   | 3.01      | 1.64    | 0.98  | 15.398  | 0.995   | 1.198   | 5.64    |
| 0.400   | 3.107   | 3.35                   | 4.08      | 2.65    | 1.97  | 15.446  | 1.048   | 1.231   | 6.34    |
| 0.500   | 3.007   | 4.44                   | 5.19      | 3.70    | 3.00  | 15.473  | 1.101   | 1.262   | 7.02    |
| 0.600   | 2.907   | 5.55                   | 6.33      | 4.79    | 4.06  | 15.490  | 1.154   | 1.289   | 7.59    |
| 0.700   | 2.807   | 6.69                   | 7.49      | 5.92    | 5.16  | 15.502  | 1.207   | 1.313   | 8.04    |
| 0.800   | 2.707   | 7.86                   | 8.67      | 7.07    | 6.29  | 15.511  | 1.260   | 1.335   | 8.51    |
| 0.900   | 2.607   | 9.04                   | 9.86      | 8.24    | 7.44  | 15.518  | 1.313   | 1.354   | 8.92    |
| 1.000   | 2.507   | 10.25                  | 11.08     | 9.43    | 8.62  | 15.524  | 1.366   | 1.372   | 9.32    |
| 1.100   | 2.407   | 11.47                  | 12.31     | 10.64   | 9.81  | 15.529  | 1.419   | 1.388   | 9.63    |
| 1.200   | 2.307   | 12.70                  | 13.55     | 11.86   | 11.03 | 15.533  | 1.472   | 1.403   | 9.92    |
| 1.300   | 2.207   | 13.94                  | 14.80     | 13.09   | 12.25 | 15.536  | 1.525   | 1.417   | 10.16   |
| 1.400   | 2.107   | 15.20                  | 16.06     | 14.34   | 13.49 | 15.539  | 1.577   | 1.429   | 10.35   |
| 1.500   | 2.007   | 16.46                  | 17.32     | 15.59   | 14.73 | 15.542  | 1.630   | 1.440   | 10.54   |
| 1.600   | 1.907   | 17.72                  | 18.60     | 16.85   | 15.99 | 15.544  | 1.683   | 1.451   | 10.70   |
| 1.700   | 1.807   | 19.00                  | 19.87     | 18.12   | 17.25 | 15.546  | 1.735   | 1.460   | 10.84   |
| 1.800   | 1.707   | 20.28                  | 21.16     | 19.40   | 18.52 | 15.548  | 1.787   | 1.469   | 10.98   |
| 1.900   | 1.607   | 21.56                  | 22.44     | 20.68   | 19.80 | 15.550  | 1.840   | 1.477   | 11.06   |
| 2.000   | 1.507   | 22.84                  | 23.73     | 21.96   | 21.08 | 15.552  | 1.892   | 1.485   | 11.14   |
| 2.100   | 1.407   | 24.13                  | 25.02     | 23.25   | 22.37 | 15.553  | 1.944   | 1.491   | 11.22   |
| 2.200   | 1.307   | 25.43                  | 25.79     | 24.54   | 23.65 | 15.554  | 1.995   | 1.498   | 11.29   |
| 2.300   | 1.207   | 25.92                  | 25.97     | 25.60   | 24.70 | 15.556  | 2.015   | 1.499   | 0.00    |
| 2.400   | 1.107   | 25.96                  | 26.02     | 25.90   | 25.65 | 15.559  | 2.017   | 1.497   | 0.00    |
| 2.500   | 1.007   | 26.01                  | 26.06     | 25.95   | 25.90 | 15.562  | 2.019   | 1.495   | 0.00    |
| 2.600   | 0.907   | 26.05                  | 26.11     | 25.99   | 25.94 | 15.565  | 2.022   | 1.493   | 0.00    |
| 2.700   | 0.807   | 26.10                  | 26.15     | 26.04   | 25.98 | 15.568  | 2.024   | 1.491   | 0.00    |
| 2.800   | 0.707   | 26.14                  | 26.19     | 26.08   | 26.03 | 15.571  | 2.027   | 1.490   | 0.00    |
| 2.900   | 0.607   | 26.18                  | 26.21     | 26.13   | 26.07 | 15.573  | 2.029   | 1.488   | 0.00    |
| 3.000   | 0.507   | 26.21                  | 26.24     | 26.17   | 26.12 | 15.575  | 2.031   | 1.487   | 0.00    |
| 3.100   | 0.407   | 26.23                  | 26.26     | 26.20   | 26.16 | 15.576  | 2.033   | 1.486   | 0.00    |
| 3.200   | 0.307   | 26.26                  | 26.29     | 26.22   | 26.19 | 15.578  | 2.034   | 1.484   | 0.00    |
| 3.300   | 0.207   | 26.28                  | 26.31     | 26.25   | 26.22 | 15.579  | 2.036   | 1.483   | 0.00    |
| 3.400   | 0.107   | 26.31                  | 26.33     | 26.27   | 26.24 | 15.581  | 2.038   | 1.482   | 0.00    |
| 3.500   | 0.007   | 26.33                  | 26.33     | 26.30   | 26.27 | 15.582  | 2.041   | 1.481   | 0.00    |
| 3.507   | 0.000   | 26.33                  | 26.33     | 26.30   | 26.27 | 15.582  | 2.041   | 1.481   | 0.00    |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 17 Lasterom 3, BB

**Correction factor:** 1.00000 **Vol. sections:** (14-15)M,17

**Trims:** 0,-1,1,2

**Set IT/IP/IL to 0:** NO

**Pipe data:** Waterline-space (m): 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 13.7        | -0.100      | 0.814        |
| 2  | 13.7        | -0.100      | 4.321        |

| Height  |         |         |           |         |       | LCG     | VCG     | TCG     | IT      |
|---------|---------|---------|-----------|---------|-------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED | Waterline | (DA-DF) | in M  | From AP | Ab.BASE | From CL | Transv. |
| 0=0.814 | 0=4.321 | 0.000   | -1.000    | 1.000   | 2.000 | (m)     | (m)     | (m)     | (m4)    |
| 0.000   | 3.507   | 0.00    | 0.10      | 0.01    | 0.02  | 14.381  | 0.837   | -0.883  | 0.36    |
| 0.100   | 3.407   | 0.37    | 1.00      | 0.26    | 0.26  | 14.762  | 0.881   | -1.112  | 3.82    |
| 0.200   | 3.307   | 1.31    | 1.98      | 0.67    | 0.54  | 15.285  | 0.941   | -1.157  | 4.90    |
| 0.300   | 3.207   | 2.31    | 3.01      | 1.64    | 0.98  | 15.398  | 0.995   | -1.198  | 5.64    |
| 0.400   | 3.107   | 3.35    | 4.08      | 2.65    | 1.97  | 15.446  | 1.048   | -1.231  | 6.34    |
| 0.500   | 3.007   | 4.44    | 5.19      | 3.70    | 3.00  | 15.473  | 1.101   | -1.262  | 7.02    |
| 0.600   | 2.907   | 5.55    | 6.33      | 4.79    | 4.06  | 15.490  | 1.154   | -1.289  | 7.59    |
| 0.700   | 2.807   | 6.69    | 7.49      | 5.92    | 5.16  | 15.502  | 1.207   | -1.313  | 8.04    |
| 0.800   | 2.707   | 7.86    | 8.67      | 7.07    | 6.29  | 15.511  | 1.260   | -1.335  | 8.51    |
| 0.900   | 2.607   | 9.04    | 9.86      | 8.24    | 7.44  | 15.518  | 1.313   | -1.354  | 8.92    |
| 1.000   | 2.507   | 10.25   | 11.08     | 9.43    | 8.62  | 15.524  | 1.366   | -1.372  | 9.32    |
| 1.100   | 2.407   | 11.47   | 12.31     | 10.64   | 9.81  | 15.529  | 1.419   | -1.388  | 9.63    |
| 1.200   | 2.307   | 12.70   | 13.55     | 11.86   | 11.03 | 15.533  | 1.472   | -1.403  | 9.92    |
| 1.300   | 2.207   | 13.94   | 14.80     | 13.09   | 12.25 | 15.536  | 1.525   | -1.417  | 10.16   |
| 1.400   | 2.107   | 15.20   | 16.06     | 14.34   | 13.49 | 15.539  | 1.577   | -1.429  | 10.35   |
| 1.500   | 2.007   | 16.46   | 17.32     | 15.59   | 14.73 | 15.542  | 1.630   | -1.440  | 10.54   |
| 1.600   | 1.907   | 17.72   | 18.60     | 16.85   | 15.99 | 15.544  | 1.683   | -1.451  | 10.70   |
| 1.700   | 1.807   | 19.00   | 19.87     | 18.12   | 17.25 | 15.546  | 1.735   | -1.460  | 10.84   |
| 1.800   | 1.707   | 20.28   | 21.16     | 19.40   | 18.52 | 15.548  | 1.787   | -1.469  | 10.98   |
| 1.900   | 1.607   | 21.56   | 22.44     | 20.68   | 19.80 | 15.550  | 1.840   | -1.477  | 11.06   |
| 2.000   | 1.507   | 22.84   | 23.73     | 21.96   | 21.08 | 15.552  | 1.892   | -1.485  | 11.14   |
| 2.100   | 1.407   | 24.13   | 25.02     | 23.25   | 22.37 | 15.553  | 1.944   | -1.491  | 11.22   |
| 2.200   | 1.307   | 25.43   | 25.79     | 24.54   | 23.65 | 15.554  | 1.995   | -1.498  | 11.29   |
| 2.300   | 1.207   | 25.92   | 25.97     | 25.60   | 24.70 | 15.556  | 2.015   | -1.499  | 0.00    |
| 2.400   | 1.107   | 25.96   | 26.02     | 25.90   | 25.65 | 15.559  | 2.017   | -1.497  | 0.00    |
| 2.500   | 1.007   | 26.01   | 26.06     | 25.95   | 25.90 | 15.562  | 2.019   | -1.495  | 0.00    |
| 2.600   | 0.907   | 26.05   | 26.11     | 25.99   | 25.94 | 15.565  | 2.022   | -1.493  | 0.00    |
| 2.700   | 0.807   | 26.10   | 26.15     | 26.04   | 25.98 | 15.568  | 2.024   | -1.491  | 0.00    |
| 2.800   | 0.707   | 26.14   | 26.19     | 26.08   | 26.03 | 15.571  | 2.027   | -1.490  | 0.00    |
| 2.900   | 0.607   | 26.18   | 26.21     | 26.13   | 26.07 | 15.573  | 2.029   | -1.488  | 0.00    |
| 3.000   | 0.507   | 26.21   | 26.24     | 26.17   | 26.12 | 15.575  | 2.031   | -1.487  | 0.00    |
| 3.100   | 0.407   | 26.23   | 26.26     | 26.20   | 26.16 | 15.576  | 2.033   | -1.486  | 0.00    |
| 3.200   | 0.307   | 26.26   | 26.29     | 26.22   | 26.19 | 15.578  | 2.034   | -1.484  | 0.00    |
| 3.300   | 0.207   | 26.28   | 26.31     | 26.25   | 26.22 | 15.579  | 2.036   | -1.483  | 0.00    |
| 3.400   | 0.107   | 26.31   | 26.33     | 26.27   | 26.24 | 15.581  | 2.038   | -1.482  | 0.00    |
| 3.500   | 0.007   | 26.33   | 26.33     | 26.30   | 26.27 | 15.582  | 2.041   | -1.481  | 0.00    |
| 3.507   | 0.000   | 26.33   | 26.33     | 26.30   | 26.27 | 15.582  | 2.041   | -1.481  | 0.00    |

## M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

**Tank No:** 19 Dagtank BB                      **Correction factor:** 0.98000 **Vol. sections:** 42  
**Trims:** 0    **Set IT/IP/IL to 0:** NO

**Pipe data:**                      **Waterline-space (m):** 0.1

| No | From AP (m) | From CL (m) | Above BL (m) |
|----|-------------|-------------|--------------|
| 1  | 23.7        | -0.775      | 5.135        |
| 2  | 23.7        | -0.775      | 5.745        |

| Height  |         |         | Corrected VOLUMES (M3) | LCG     | VCG     | TCG     | IT      |
|---------|---------|---------|------------------------|---------|---------|---------|---------|
| Sound.  | Ullage  | TRIMMED | Waterline (DA-DF) in M | From AP | Ab.BASE | From CL | Transv. |
|         |         |         |                        | (m)     | (m)     | (m)     | (m4)    |
| 0=5.135 | 0=5.745 | 0.000   |                        |         |         |         |         |
| 0.000   | 0.610   | 0.00    |                        | 24.600  | 5.135   | -0.820  | 0.00    |
| 0.100   | 0.510   | 0.07    |                        | 24.600  | 5.188   | -0.852  | 0.01    |
| 0.200   | 0.410   | 0.15    |                        | 24.600  | 5.242   | -0.874  | 0.02    |
| 0.300   | 0.310   | 0.25    |                        | 24.600  | 5.297   | -0.889  | 0.02    |
| 0.400   | 0.210   | 0.35    |                        | 24.600  | 5.351   | -0.900  | 0.02    |
| 0.500   | 0.110   | 0.45    |                        | 24.600  | 5.404   | -0.907  | 0.02    |
| 0.600   | 0.010   | 0.55    |                        | 24.600  | 5.456   | -0.913  | 0.00    |
| 0.610   | 0.000   | 0.56    |                        | 24.600  | 5.461   | -0.913  | 0.00    |

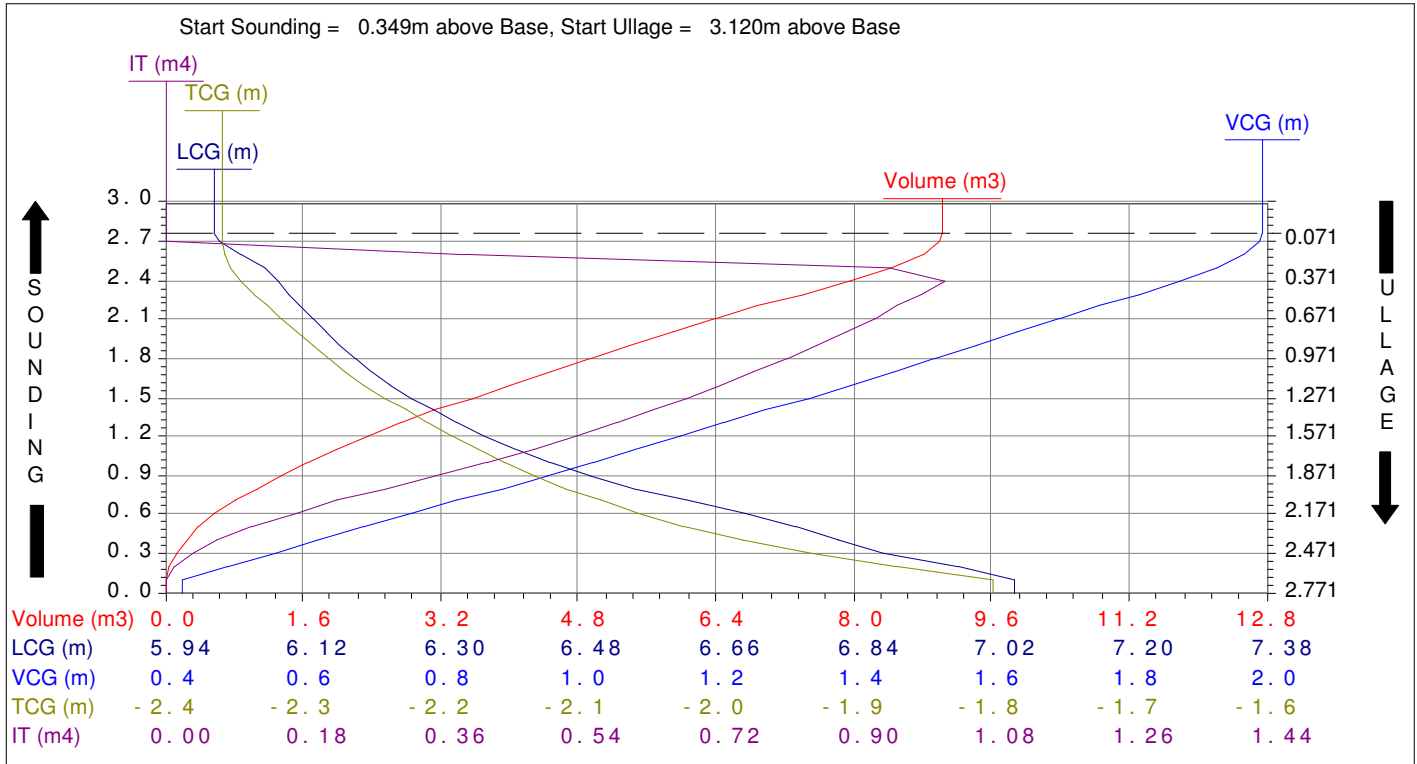
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

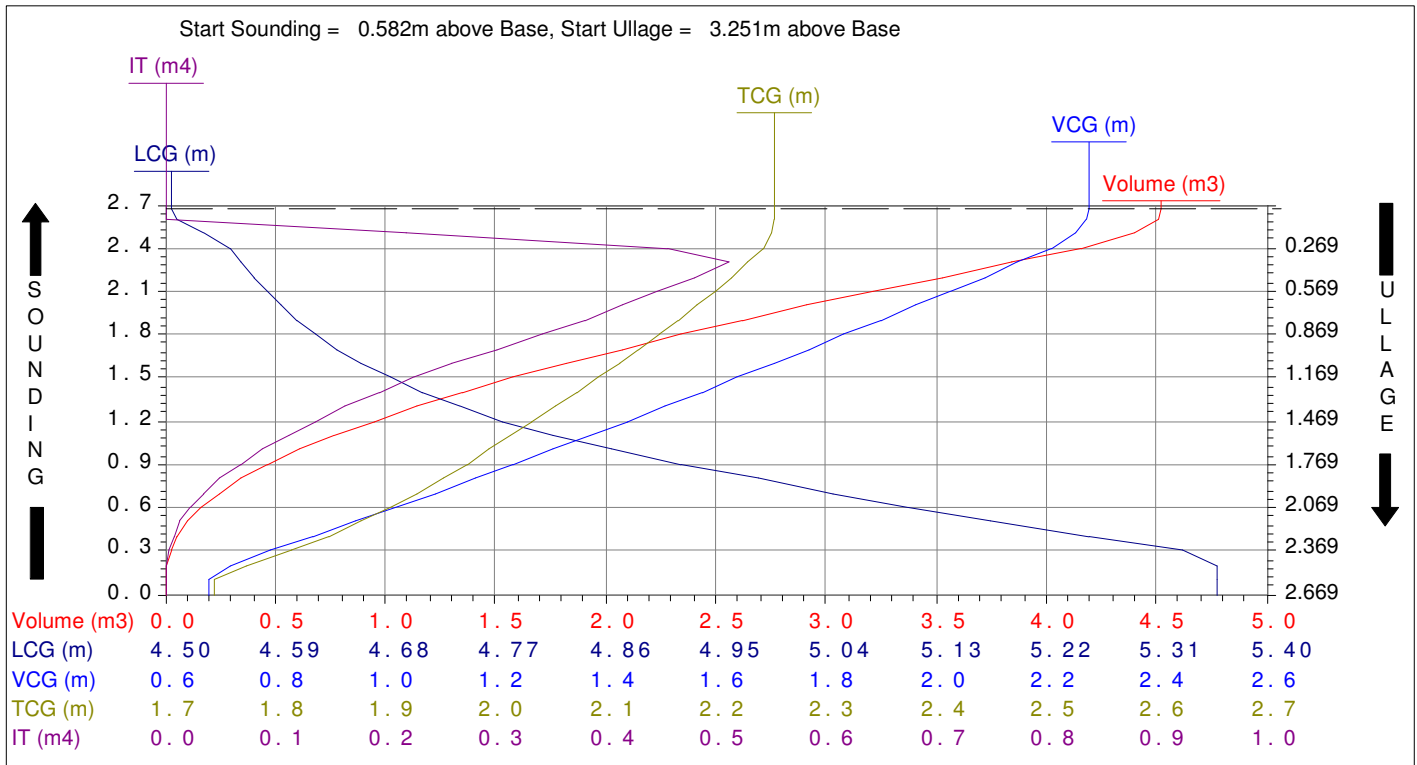
Tank No: 9 Brennojle Vingtank BB

Vol. sections: 36-37



Tank No: 10 Brennojle Vingtank SB

Vol. sections: 39-40





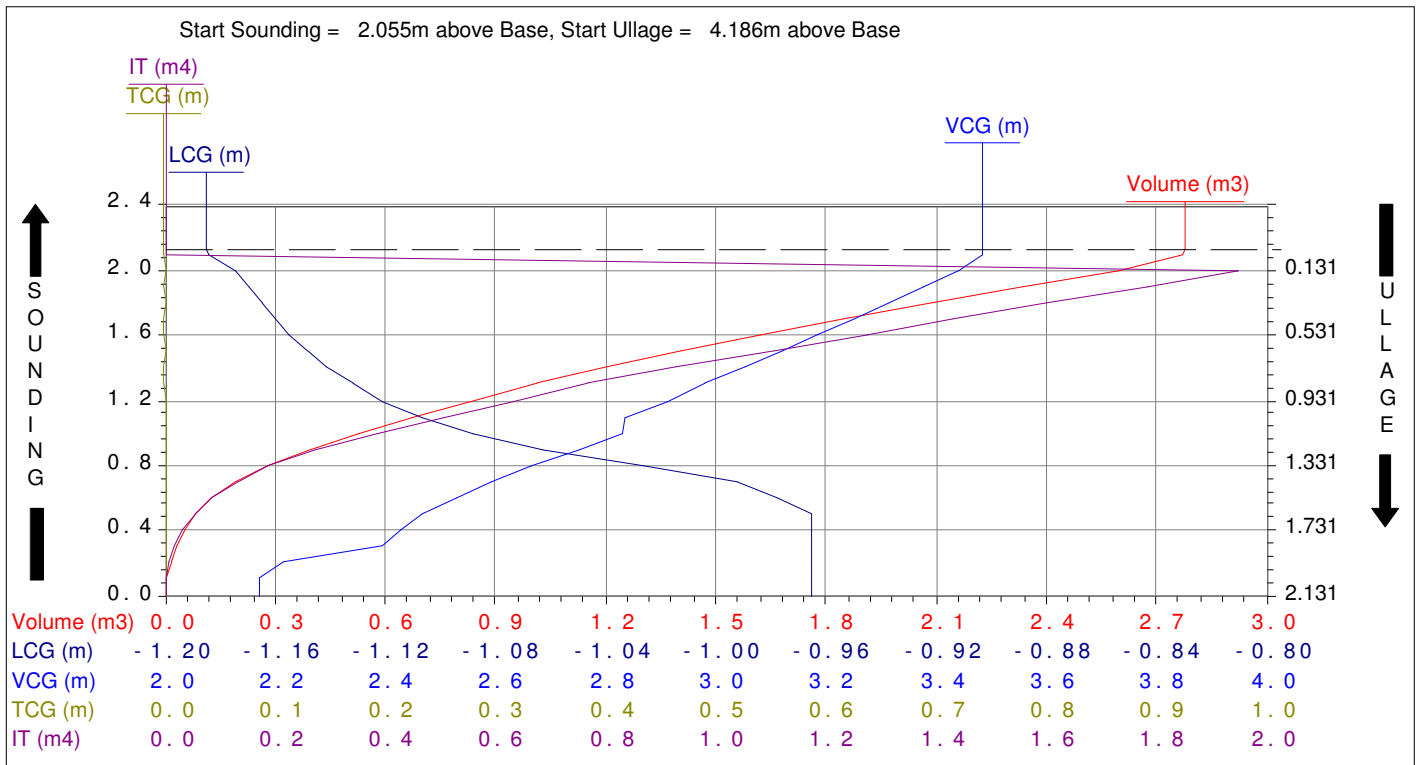
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

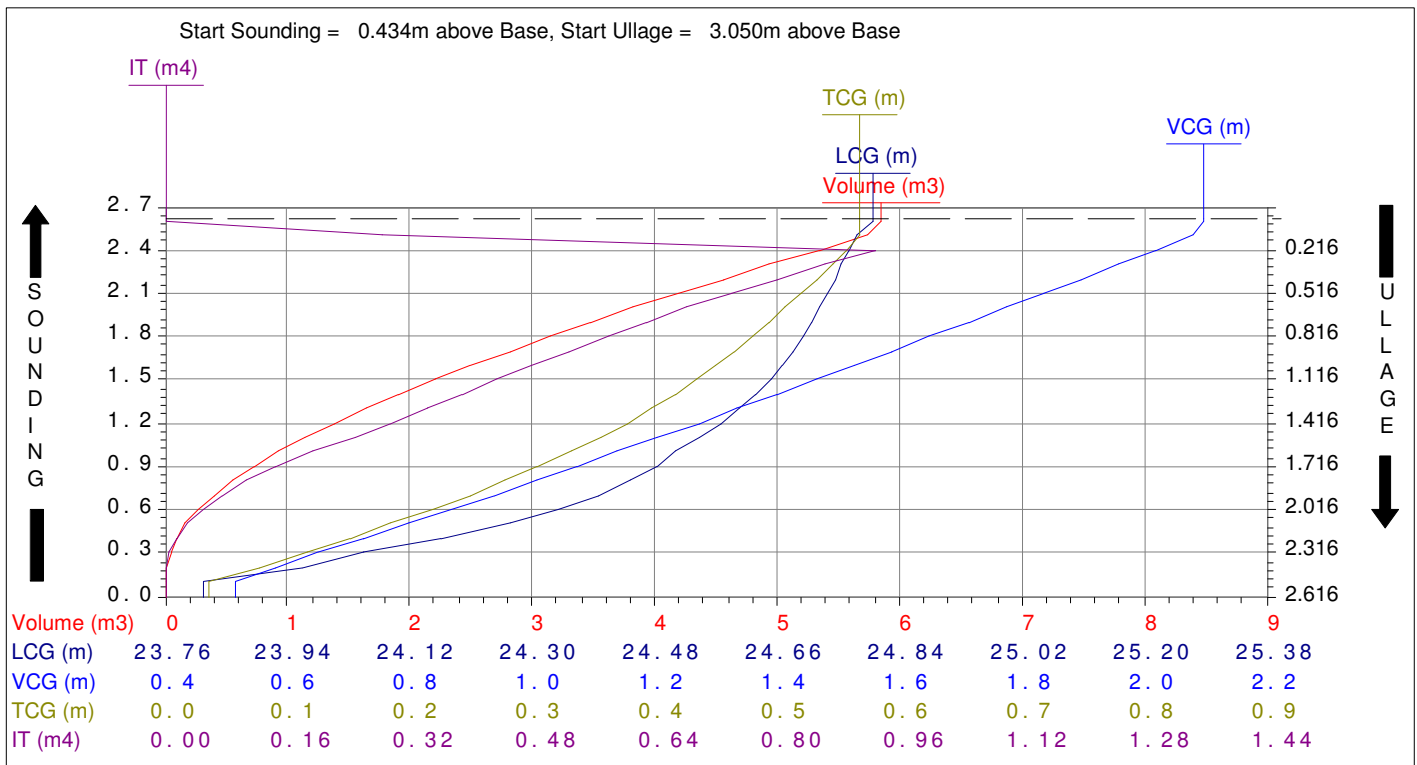
Tank No: 12 Ferskvann Hekktank

Vol. sections: 25



Tank No: 13 Vannballast Forut SB

Vol. sections: 28-30



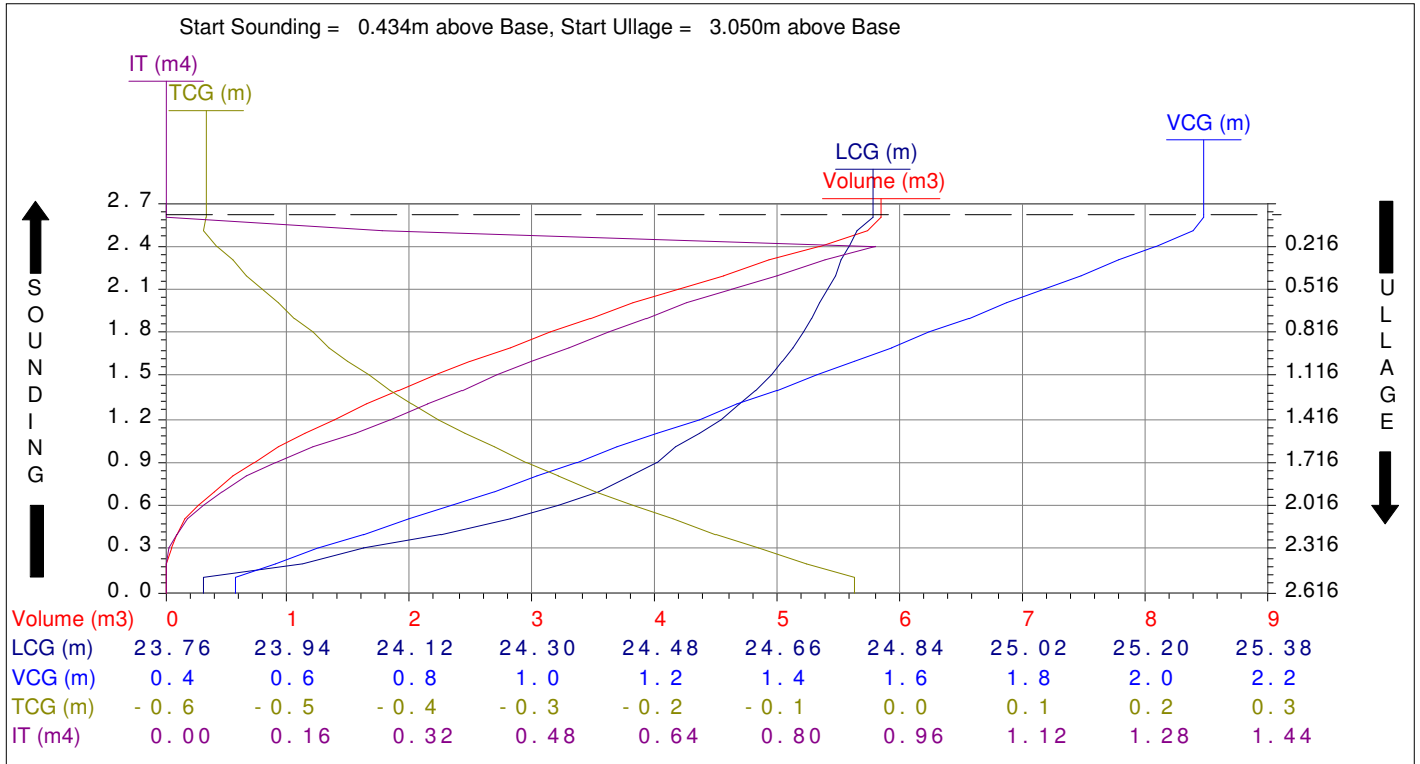
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

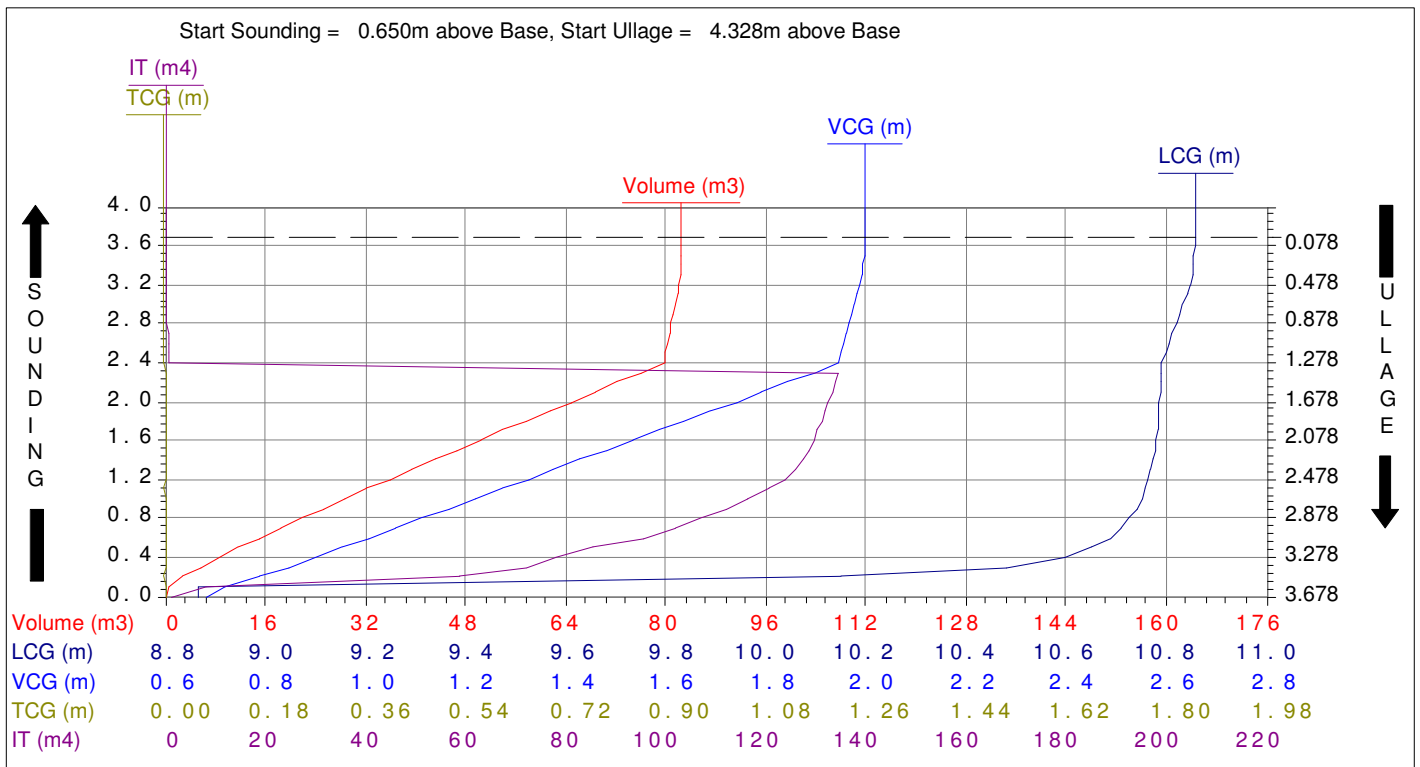
Tank No: 14 Vannballast Forut BB

Vol. sections: (28-30)M



Tank No: 15 Lasterom 1

Vol. sections: 8-11



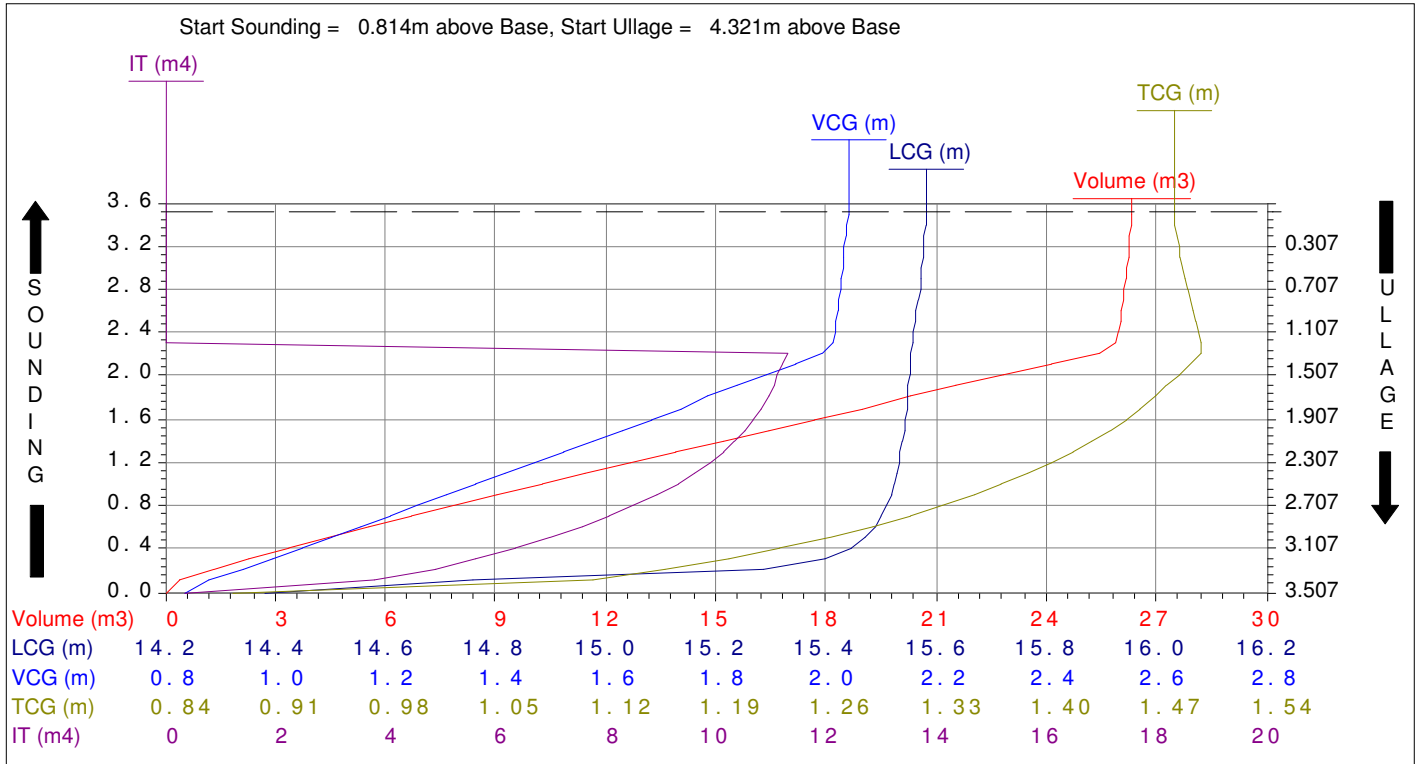
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

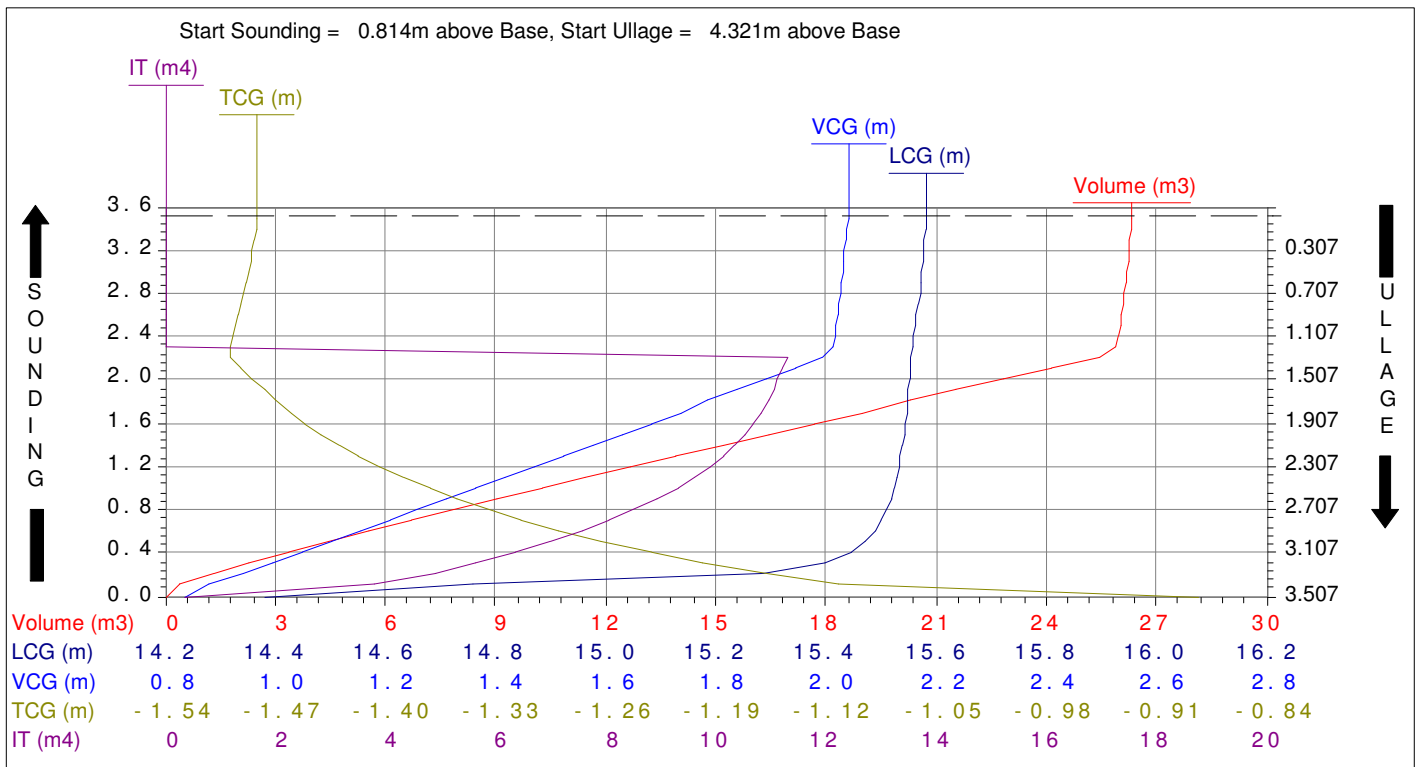
Tank No: 16 Lasterom 2, SB

Vol. sections: 14-16



Tank No: 17 Lasterom 3, BB

Vol. sections: (14-15)M,17



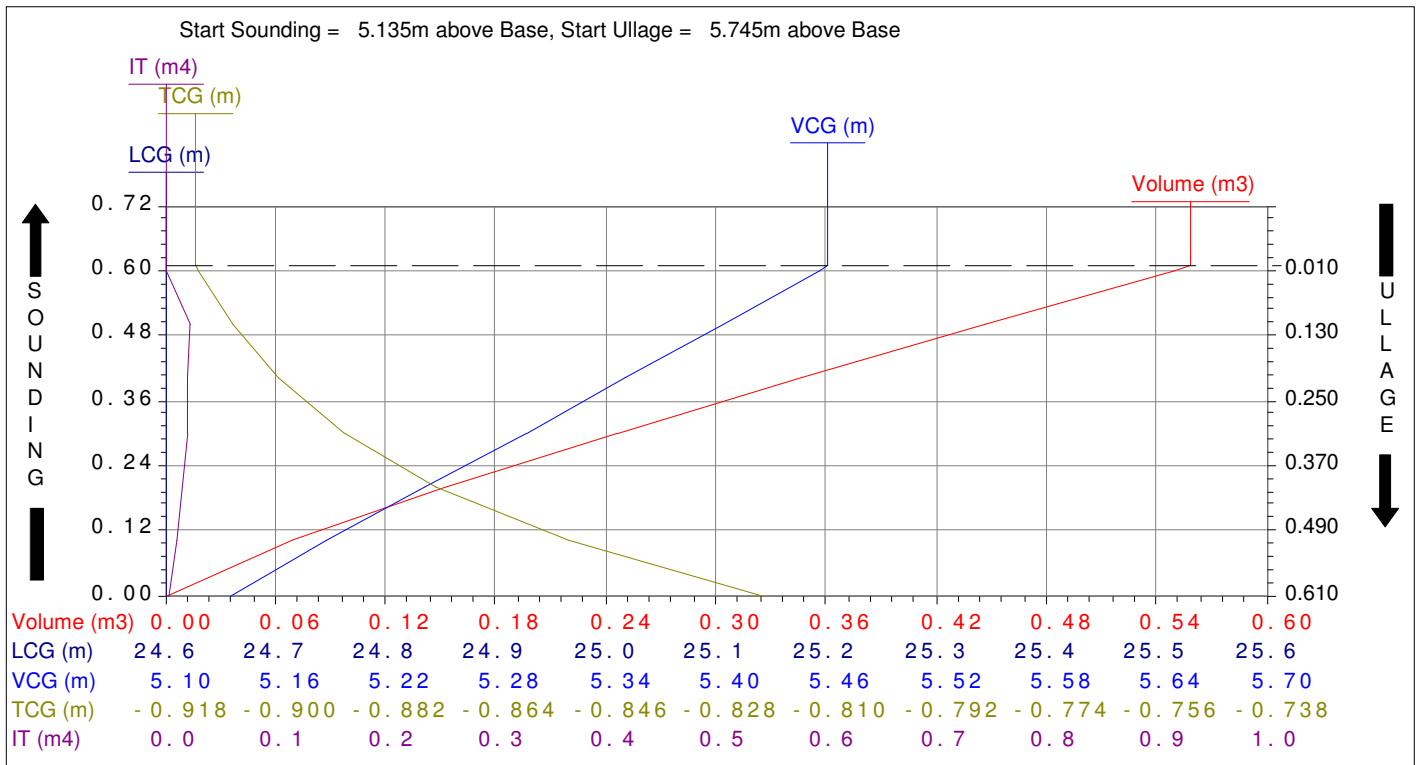
# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Tank table. Heeling angle = 0.0(°)

Date: 21 MAY 2019

Tank No: 19 Dagtank BB

Vol. sections: 42



## M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

### The list of volume sections.

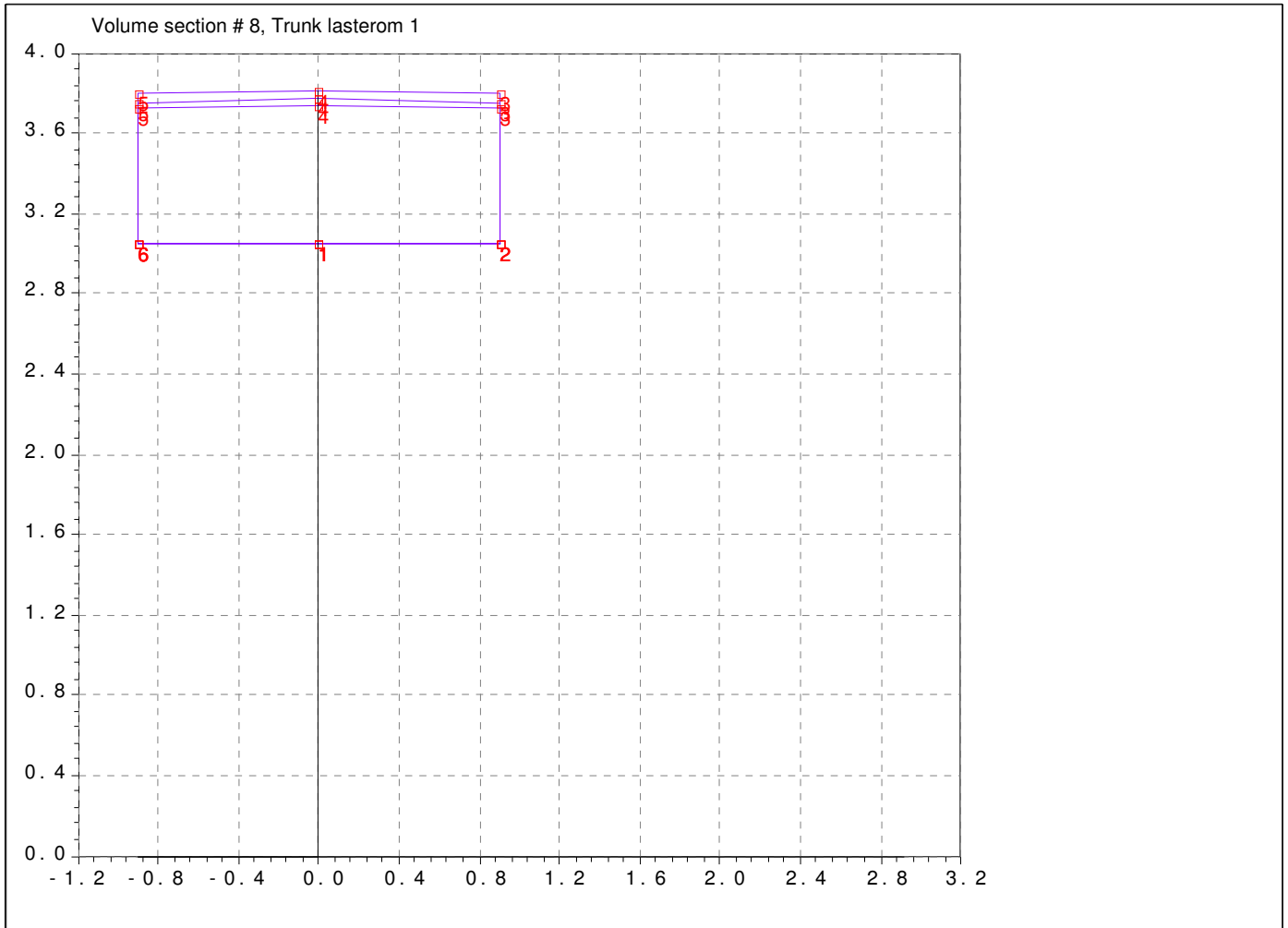
Date: 21 MAY 2019

| No +/- G | Description                          | From (m) | To (m) | Volume (m3) | LCG (m) | VCG (m) | TCG (m) | Corr. f. | Opt. Ang. |
|----------|--------------------------------------|----------|--------|-------------|---------|---------|---------|----------|-----------|
| 8 +      | G Trunk lasterom 1                   | 12       | 13.6   | 2.06        | 12.814  | 3.407   | 0.000   | 1.00000  |           |
| 9 +      | G Lukekarm #30-#34                   | 12       | 13.6   | 0.47        | 12.739  | 3.845   | 0.000   | 1.00000  | 1.0       |
| 10 +     | G Nedgangsluke lasterom 1            | S32      | 13.47  | 0.18        | 13.135  | 4.128   | 0.000   | 1.00000  |           |
| 11 +     | Lasterom 1- 8.0M - 13.60M FF. AP.    | 8.0      | 13.600 | 79.81       | 10.792  | 1.946   | 0.000   | 1.00000  |           |
| 14 +     | Lasterom 2/3 13.600M - 20.0M FF. AP. | 13.600   | 17.6   | 25.89       | 15.555  | 2.014   | 1.500   | 1.00000  |           |
| 15 +     | G Trunk lasterom 2/3                 | 16.95    | 17.45  | 0.29        | 17.202  | 3.372   | 0.448   | 1.00000  |           |
| 16 +     | G Nedgangsluke lasterom 2 SB         | 16.95    | 17.45  | 0.16        | 17.198  | 4.009   | 0.251   | 1.00000  |           |
| 17 +     | G Nedgangsluke lasterom 3 BB         | 16.95    | 17.45  | 0.16        | 17.198  | 4.009   | -0.251  | 1.00000  |           |
| 25 +     | G Ferskvann Hekktank                 | -1.9     | -0.8   | 2.83        | -1.185  | 3.485   | 0.000   | 1.00000  | 5.0       |
| 28 +     | G Vannballast Forut Del 1            | 23.6     | 25     | 3.71        | 24.247  | 2.027   | 0.669   | 1.00000  | 5.0       |
| 29 +     | G Vannballast Forut Del 2            | 25       | 26     | 1.63        | 25.455  | 2.153   | 0.448   | 1.00000  | 5.0       |
| 30 +     | G Vannballast Forut Del 3            | 26       | 26.8   | 0.64        | 26.355  | 2.363   | 0.275   | 1.00000  | 5.0       |
| 36 +     | G Brennelje Vingtank BB Del 1        | 4        | 6      | 4.31        | 5.074   | 2.161   | -2.292  | 1.00000  | 3.0       |
| 37 +     | G Brennelje Vingtank BB Del 2        | 6        | 7.6    | 4.91        | 6.822   | 1.849   | -2.417  | 1.00000  | 3.0       |
| 39 +     | G Brennelje Vingtank SB Del 1        | 3.2      | 4      | 1.27        | 3.612   | 2.476   | 2.214   | 1.00000  | 3.0       |
| 40 +     | G Brennelje Vingtank SB Del 2        | 4        | 5.6    | 3.34        | 4.847   | 2.201   | 2.269   | 1.00000  | 3.0       |
| 42 +     | G Dagtank BB                         | S59      | S64    | 0.57        | 24.600  | 5.461   | -0.913  | 1.00000  |           |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Trunk lasterom 1

Date: 21 MAY 2019



Gen.code: 0,3.05;0.9,z;<90,#;0,#; M (Used optimize angle: 0.0)

Volume= 2.057m<sup>3</sup> LCG= 12.814m VCG= 3.407m TCG= 0.000m

From AP:12 ( 12.000m)

From AP: 12.800 ( 12.800m)

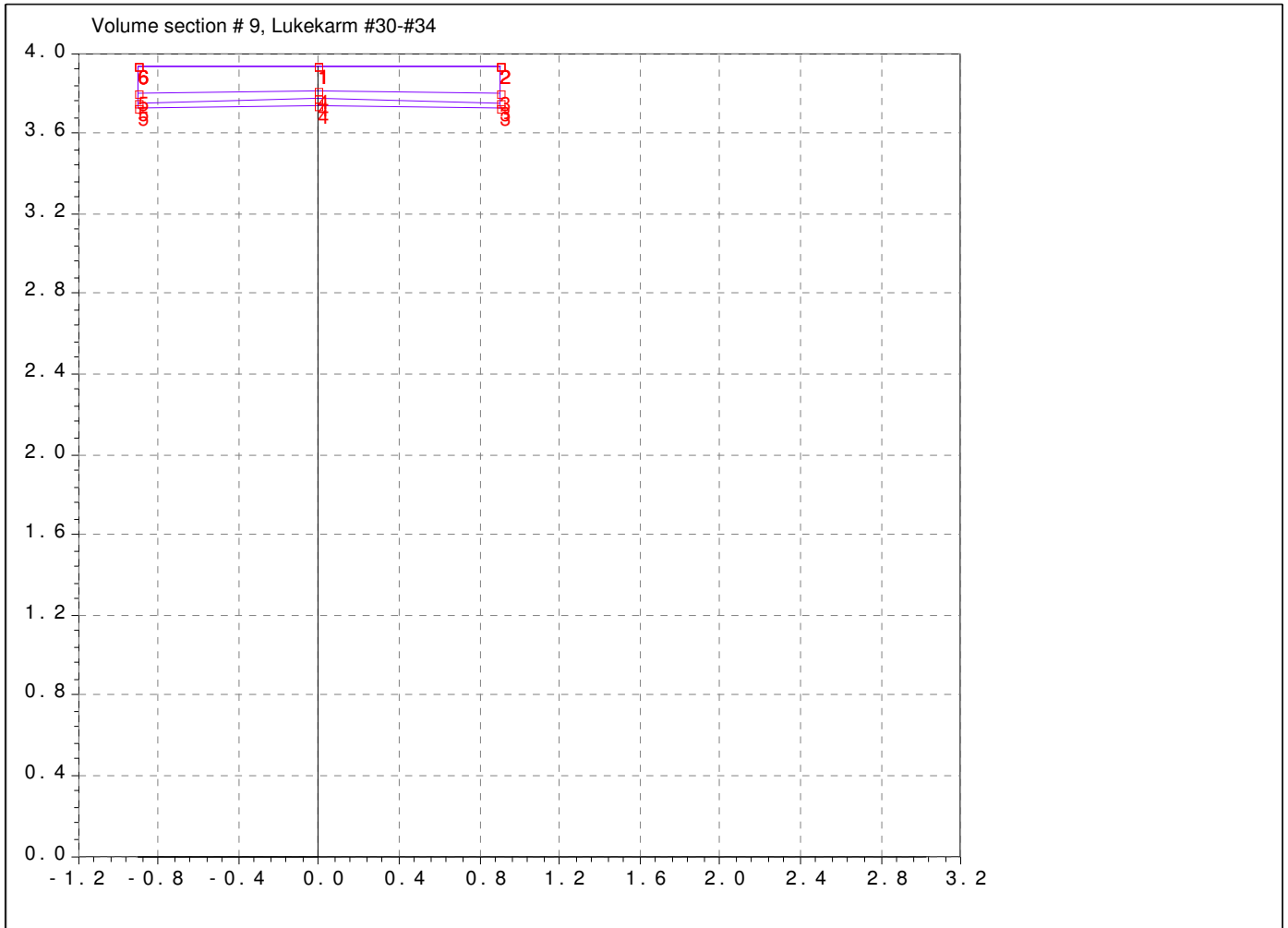
From AP:13.6 ( 13.600m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 3.050      | 1 | 0.000       | 3.050      | 1 | 0.000       | 3.050      |
| 2 | 0.900       | 3.050      | 2 | 0.900       | 3.050      | 2 | 0.900       | 3.050      |
| 3 | 0.900       | 3.718      | 3 | 0.900       | 3.752      | 3 | 0.900       | 3.796      |
| 4 | 0.000       | 3.741      | 4 | 0.000       | 3.773      | 4 | 0.000       | 3.814      |
| 5 | -0.900      | 3.718      | 5 | -0.900      | 3.752      | 5 | -0.900      | 3.796      |
| 6 | -0.900      | 3.050      | 6 | -0.900      | 3.050      | 6 | -0.900      | 3.050      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Lukekarm #30-#34

Date: 21 MAY 2019



Gen.code: 0,3.928;0.9,z;<-90,#;0,#; M (Used optimize angle: 1.0)

Volume= 0.472m3 LCG= 12.739m VCG= 3.845m TCG= 0.000m

From AP:12 ( 12.000m)

From AP: 12.800 ( 12.800m)

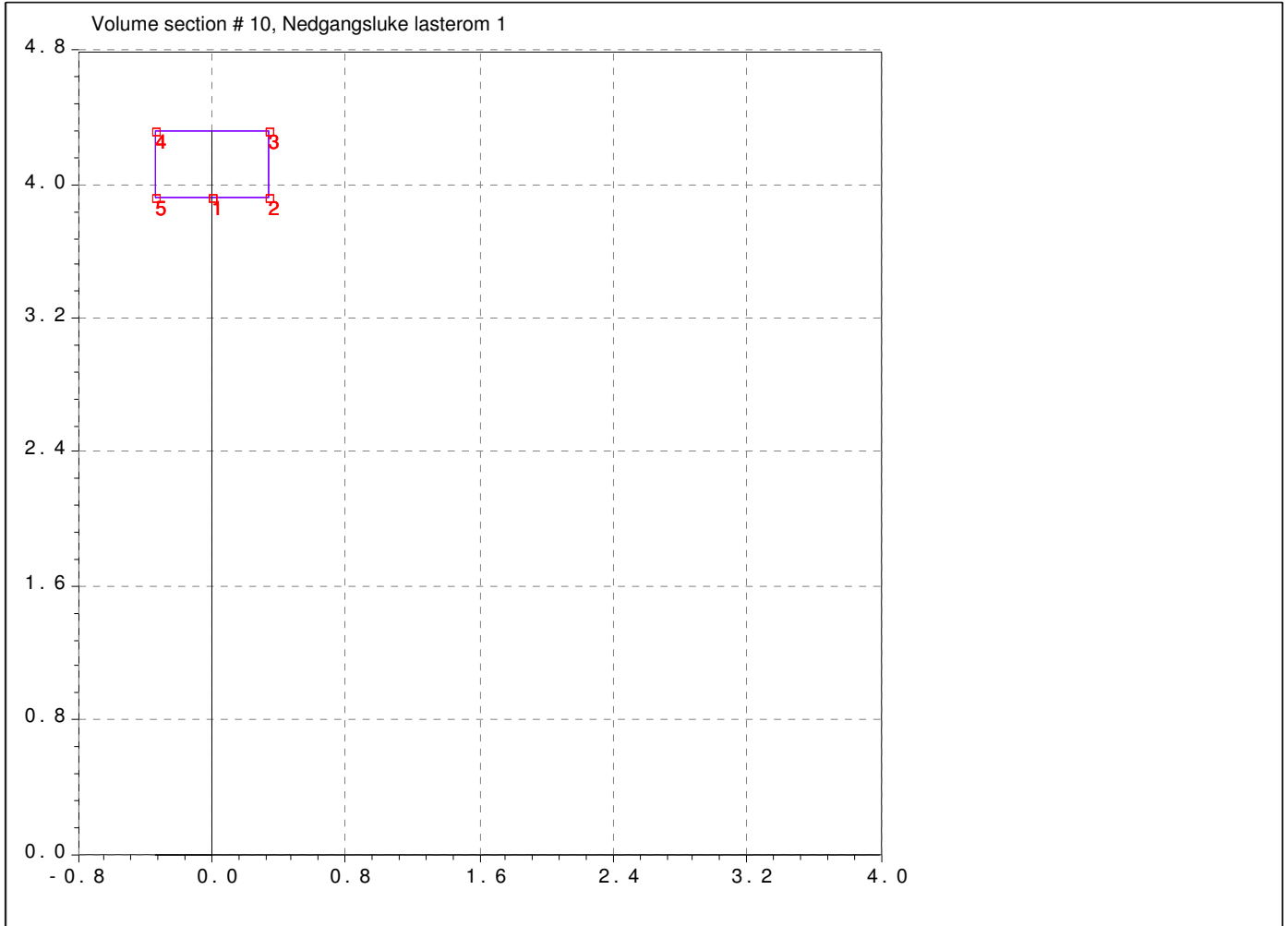
From AP:13.6 ( 13.600m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 3.928      | 1 | 0.000       | 3.928      | 1 | 0.000       | 3.928      |
| 2 | 0.900       | 3.928      | 2 | 0.900       | 3.928      | 2 | 0.900       | 3.928      |
| 3 | 0.900       | 3.718      | 3 | 0.900       | 3.752      | 3 | 0.900       | 3.796      |
| 4 | 0.000       | 3.741      | 4 | 0.000       | 3.773      | 4 | 0.000       | 3.814      |
| 5 | -0.900      | 3.718      | 5 | -0.900      | 3.752      | 5 | -0.900      | 3.796      |
| 6 | -0.900      | 3.928      | 6 | -0.900      | 3.928      | 6 | -0.900      | 3.928      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Nedgangsluke lasterom 1

Date: 21 MAY 2019



Gen.code: 0,3.928;0.335,z;y,z+0.4;M (Used optimize angle: 0.0)

Volume= 0.180m<sup>3</sup> LCG= 13.135m VCG= 4.128m TCG= 0.000m

From AP:S32 ( 12.800m)

From AP:S32+335 ( 13.135m)

From AP:13.47 ( 13.470m)

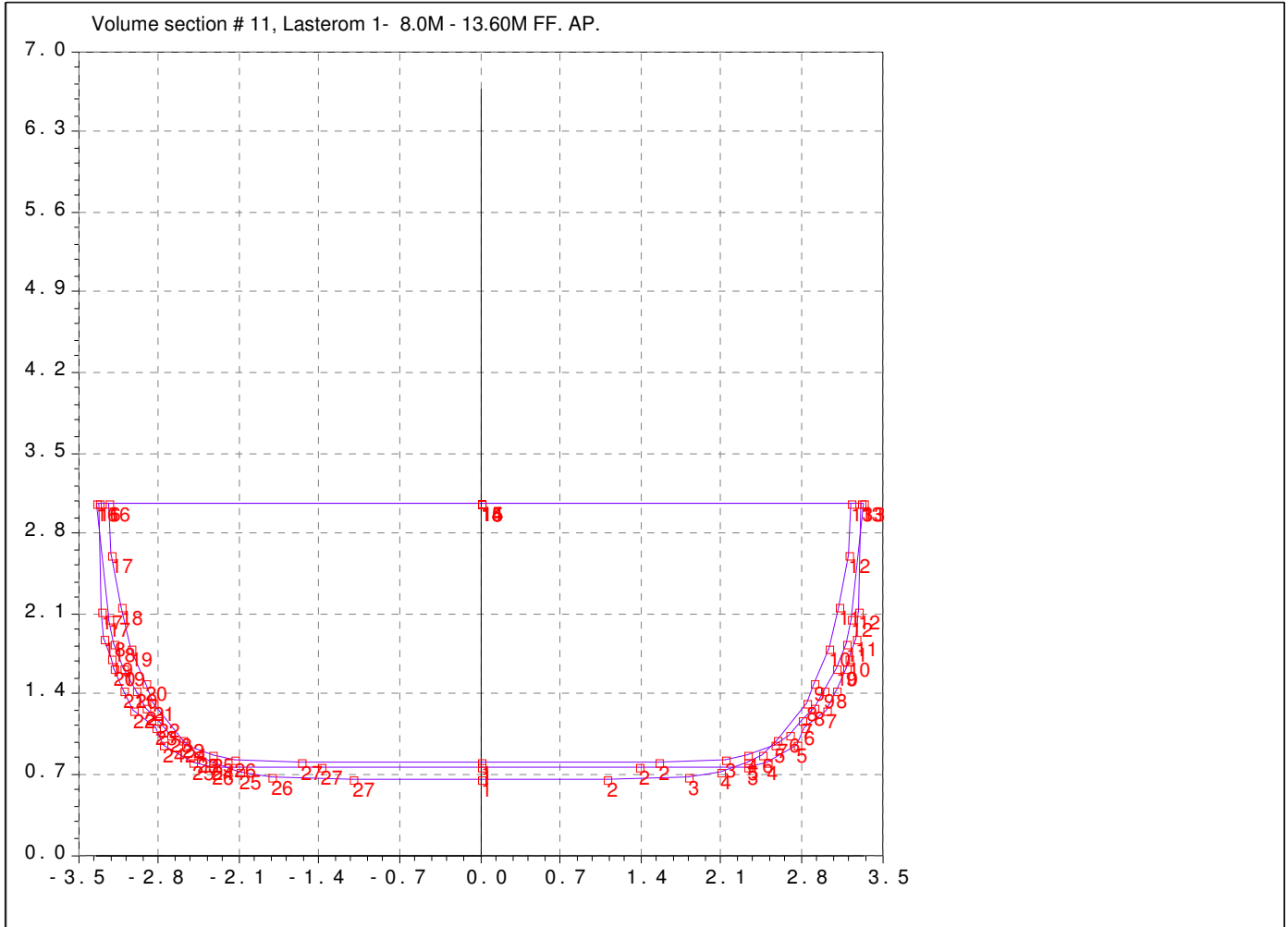
| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 3.928      | 1 | 0.000       | 3.928      | 1 | 0.000       | 3.928      |
| 2 | 0.335       | 3.928      | 2 | 0.335       | 3.928      | 2 | 0.335       | 3.928      |
| 3 | 0.335       | 4.328      | 3 | 0.335       | 4.328      | 3 | 0.335       | 4.328      |
| 4 | -0.335      | 4.328      | 4 | -0.335      | 4.328      | 4 | -0.335      | 4.328      |
| 5 | -0.335      | 3.928      | 5 | -0.335      | 3.928      | 5 | -0.335      | 3.928      |



# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

Lasterom 1- 8.0M - 13.60M FF. AP.

Date: 21 MAY 2019



Volume= 79.809m3 LCG= 10.792m VCG= 1.946m TCG= -0.000m

From AP:8.0 ( 8.000m)

From AP:10.902 ( 10.902m)

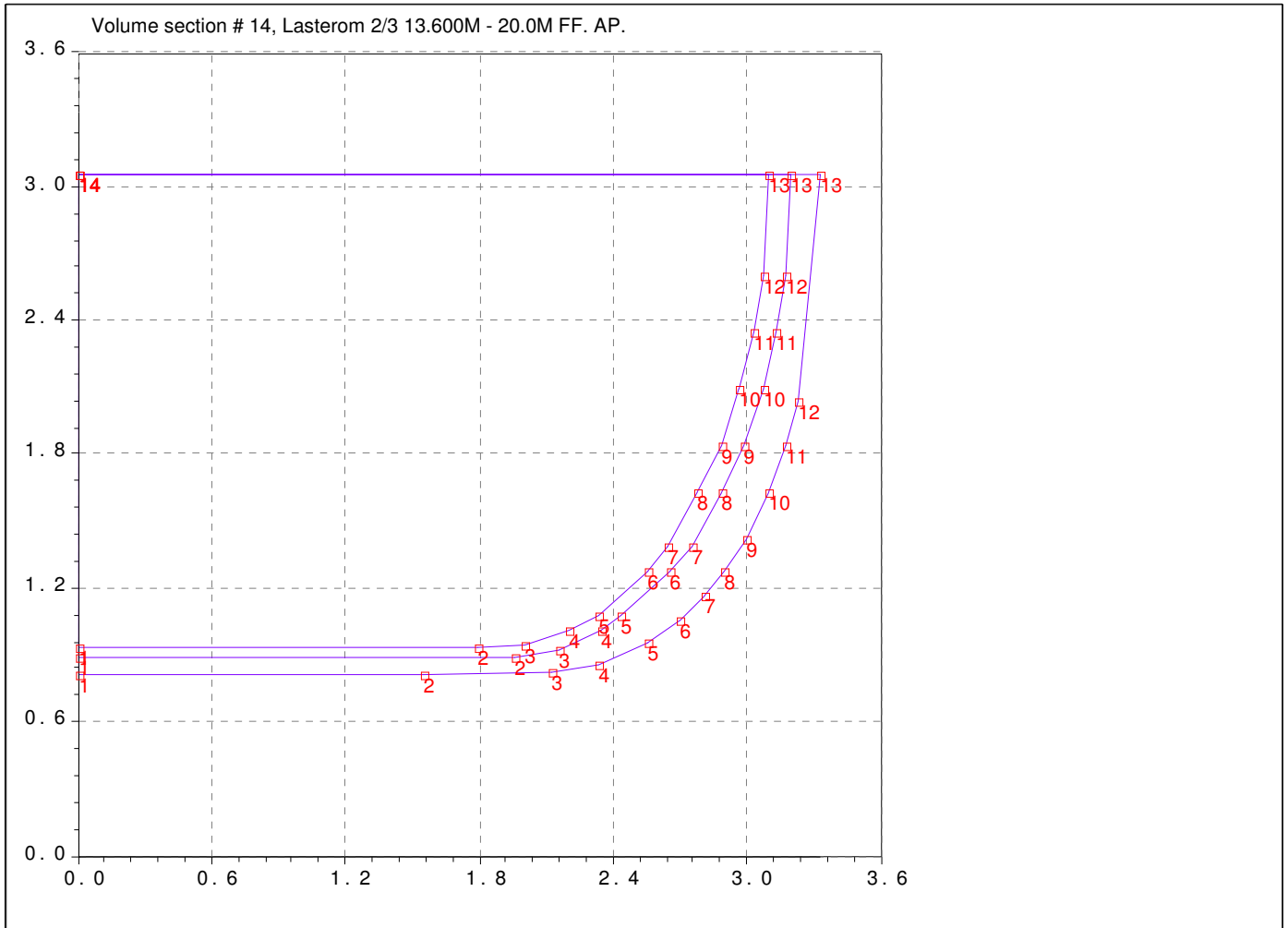
From AP:13.600 ( 13.600m)

| P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) |
|----|-------------|------------|----|-------------|------------|----|-------------|------------|
| 1  | 0.000       | 0.650      | 1  | 0.000       | 0.753      | 1  | 0.000       | 0.814      |
| 2  | 1.096       | 0.650      | 2  | 1.375       | 0.753      | 2  | 1.557       | 0.814      |
| 3  | 1.821       | 0.680      | 3  | 2.340       | 0.760      | 3  | 2.130       | 0.820      |
| 4  | 2.097       | 0.717      | 4  | 2.500       | 0.810      | 4  | 2.340       | 0.860      |
| 5  | 2.335       | 0.806      | 5  | 2.750       | 0.950      | 5  | 2.560       | 0.950      |
| 6  | 2.452       | 0.874      | 6  | 2.820       | 1.100      | 6  | 2.700       | 1.050      |
| 7  | 2.579       | 0.994      | 7  | 3.010       | 1.260      | 7  | 2.810       | 1.160      |
| 8  | 2.835       | 1.310      | 8  | 3.110       | 1.430      | 8  | 2.900       | 1.270      |
| 9  | 2.917       | 1.491      | 9  | 3.190       | 1.630      | 9  | 3.000       | 1.420      |
| 10 | 3.036       | 1.800      | 10 | 3.220       | 1.700      | 10 | 3.100       | 1.630      |
| 11 | 3.126       | 2.150      | 11 | 3.270       | 1.880      | 11 | 3.180       | 1.840      |
| 12 | 3.206       | 2.610      | 12 | 3.290       | 2.120      | 12 | 3.230       | 2.040      |
| 13 | 3.238       | 3.050      | 13 | 3.320       | 3.050      | 13 | 3.330       | 3.050      |
| 14 | 0.000       | 3.050      | 14 | 0.000       | 3.050      | 14 | 0.000       | 3.050      |
| 15 | 0.000       | 3.050      | 15 | 0.000       | 3.050      | 15 | 0.000       | 3.050      |
| 16 | -3.238      | 3.050      | 16 | -3.320      | 3.050      | 16 | -3.330      | 3.050      |
| 17 | -3.206      | 2.610      | 17 | -3.290      | 2.120      | 17 | -3.230      | 2.040      |
| 18 | -3.126      | 2.150      | 18 | -3.270      | 1.880      | 18 | -3.180      | 1.840      |
| 19 | -3.036      | 1.800      | 19 | -3.220      | 1.700      | 19 | -3.100      | 1.630      |
| 20 | -2.917      | 1.491      | 20 | -3.190      | 1.630      | 20 | -3.000      | 1.420      |
| 21 | -2.835      | 1.310      | 21 | -3.110      | 1.430      | 21 | -2.900      | 1.270      |
| 22 | -2.579      | 0.994      | 22 | -3.010      | 1.260      | 22 | -2.810      | 1.160      |
| 23 | -2.452      | 0.874      | 23 | -2.820      | 1.100      | 23 | -2.700      | 1.050      |
| 24 | -2.335      | 0.806      | 24 | -2.750      | 0.950      | 24 | -2.560      | 0.950      |
| 25 | -2.097      | 0.717      | 25 | -2.500      | 0.810      | 25 | -2.340      | 0.860      |
| 26 | -1.821      | 0.680      | 26 | -2.340      | 0.760      | 26 | -2.130      | 0.820      |
| 27 | -1.096      | 0.650      | 27 | -1.375      | 0.753      | 27 | -1.557      | 0.814      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Lasterom 2/3 13.600M - 20.0M FF. AP.

Date: 21 MAY 2019



Volume= 25.887m3 LCG= 15.555m VCG= 2.014m TCG= 1.500m

From AP:13.600 ( 13.600m)

From AP:16.353 ( 16.353m)

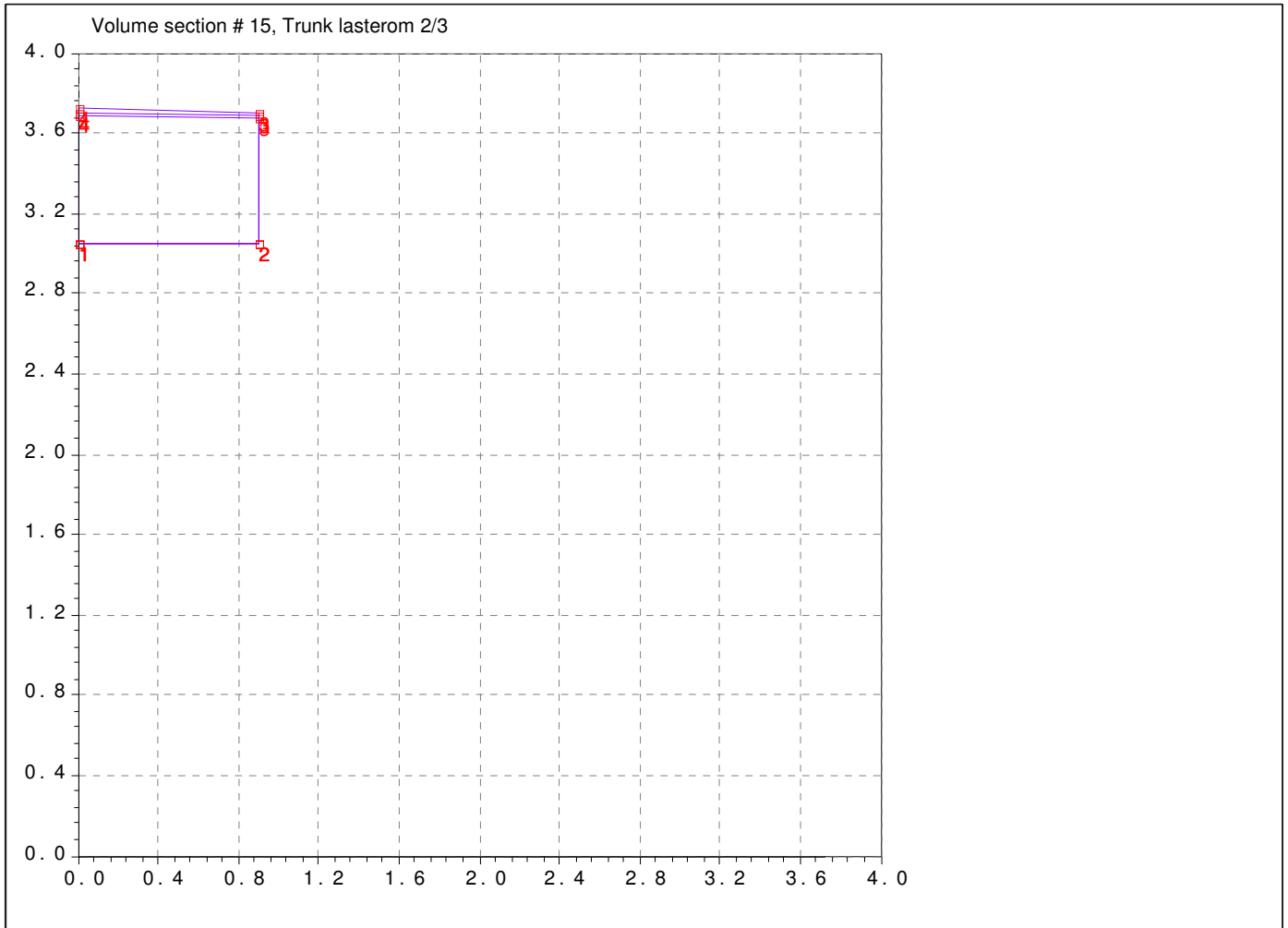
From AP:17.6 ( 17.600m)

| P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) |
|----|-------------|------------|----|-------------|------------|----|-------------|------------|
| 1  | 0.000       | 0.814      | 1  | 0.000       | 0.894      | 1  | 0.000       | 0.928      |
| 2  | 1.557       | 0.814      | 2  | 1.963       | 0.894      | 2  | 1.800       | 0.928      |
| 3  | 2.130       | 0.820      | 3  | 2.160       | 0.920      | 3  | 2.000       | 0.940      |
| 4  | 2.340       | 0.860      | 4  | 2.350       | 1.010      | 4  | 2.200       | 1.010      |
| 5  | 2.560       | 0.950      | 5  | 2.440       | 1.080      | 5  | 2.340       | 1.080      |
| 6  | 2.700       | 1.050      | 6  | 2.660       | 1.280      | 6  | 2.560       | 1.280      |
| 7  | 2.810       | 1.160      | 7  | 2.750       | 1.390      | 7  | 2.650       | 1.390      |
| 8  | 2.900       | 1.270      | 8  | 2.890       | 1.630      | 8  | 2.780       | 1.630      |
| 9  | 3.000       | 1.420      | 9  | 2.990       | 1.840      | 9  | 2.890       | 1.840      |
| 10 | 3.100       | 1.630      | 10 | 3.070       | 2.090      | 10 | 2.970       | 2.090      |
| 11 | 3.180       | 1.840      | 11 | 3.130       | 2.350      | 11 | 3.030       | 2.350      |
| 12 | 3.230       | 2.040      | 12 | 3.170       | 2.600      | 12 | 3.070       | 2.600      |
| 13 | 3.330       | 3.050      | 13 | 3.200       | 3.050      | 13 | 3.100       | 3.050      |
| 14 | 0.000       | 3.050      | 14 | 0.000       | 3.050      | 14 | 0.000       | 3.050      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Trunk lasterom 2/3

Date: 21 MAY 2019



Gen.code: 0,3.05;0.9,z;<90,#;0,#; (Used optimize angle: 0.0)

Volume= 0.290m3 LCG= 17.202m VCG= 3.372m TCG= 0.448m

From AP:16.95 ( 16.950m)

From AP: 17.200 ( 17.200m)

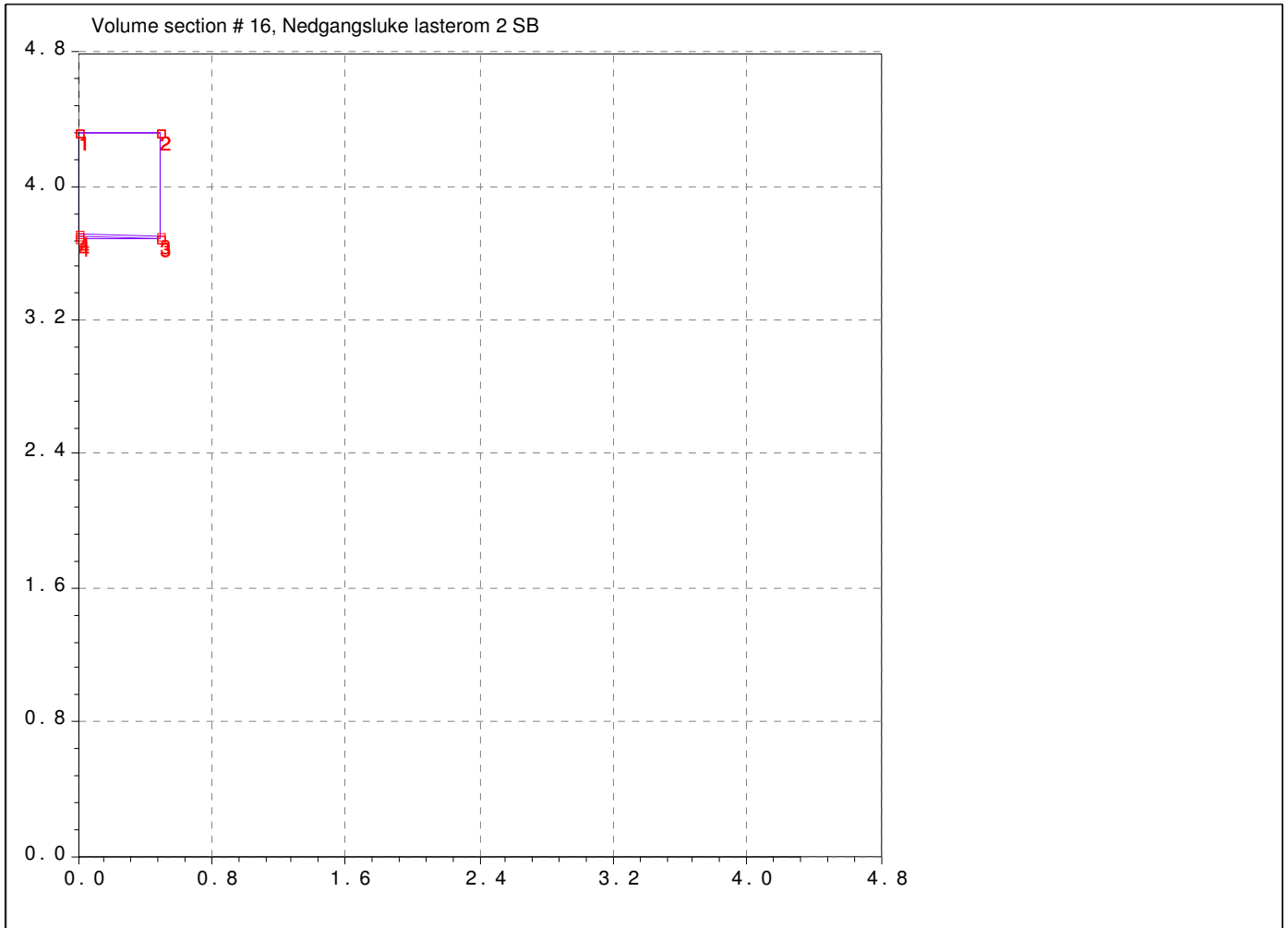
From AP:17.45 ( 17.450m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 3.050      | 1 | 0.000       | 3.050      | 1 | 0.000       | 3.050      |
| 2 | 0.900       | 3.050      | 2 | 0.900       | 3.050      | 2 | 0.900       | 3.050      |
| 3 | 0.900       | 3.675      | 3 | 0.900       | 3.684      | 3 | 0.900       | 3.702      |
| 4 | 0.000       | 3.693      | 4 | 0.000       | 3.701      | 4 | 0.000       | 3.719      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Nedgangsluke lasterom 2 SB

Date: 21 MAY 2019



Gen.code: 0,4.321;0.5,z;<-90,#;0,#; (Used optimize angle: 0.0)

Volume= 0.156m<sup>3</sup> LCG= 17.198m VCG= 4.009m TCG= 0.251m

From AP:16.95 ( 16.950m)

From AP: 17.200 ( 17.200m)

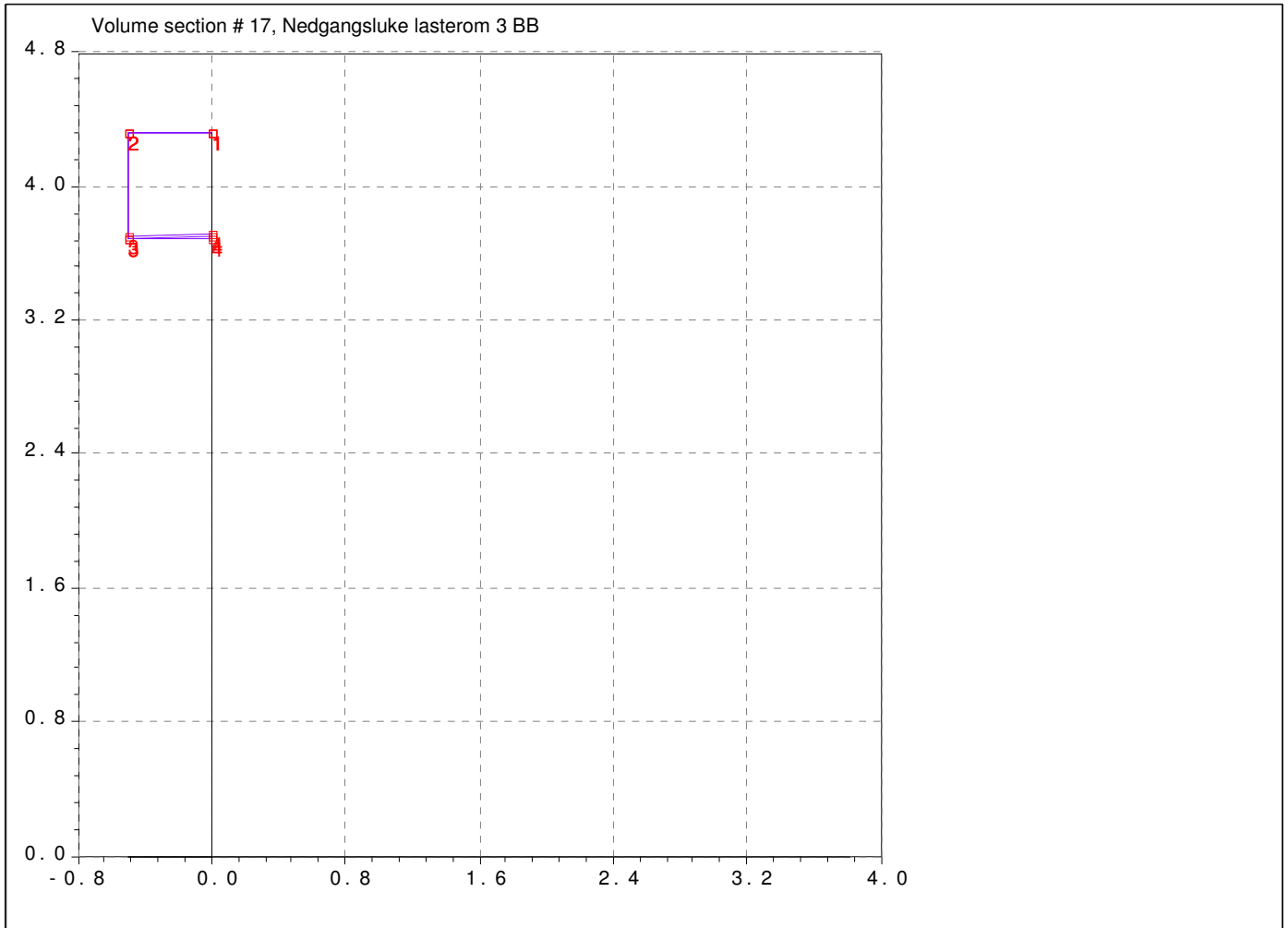
From AP:17.45 ( 17.450m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 4.321      | 1 | 0.000       | 4.321      | 1 | 0.000       | 4.321      |
| 2 | 0.500       | 4.321      | 2 | 0.500       | 4.321      | 2 | 0.500       | 4.321      |
| 3 | 0.500       | 3.683      | 3 | 0.500       | 3.692      | 3 | 0.500       | 3.710      |
| 4 | 0.000       | 3.693      | 4 | 0.000       | 3.701      | 4 | 0.000       | 3.719      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Nedgangsluke lasterom 3 BB

Date: 21 MAY 2019



Gen.code: 0,4.321;0.5,z;<-90,#;0,#; @ (Used optimize angle: 0.0)

Volume= 0.156m3 LCG= 17.198m VCG= 4.009m TCG= -0.251m

From AP:16.95 ( 16.950m)

From AP: 17.200 ( 17.200m)

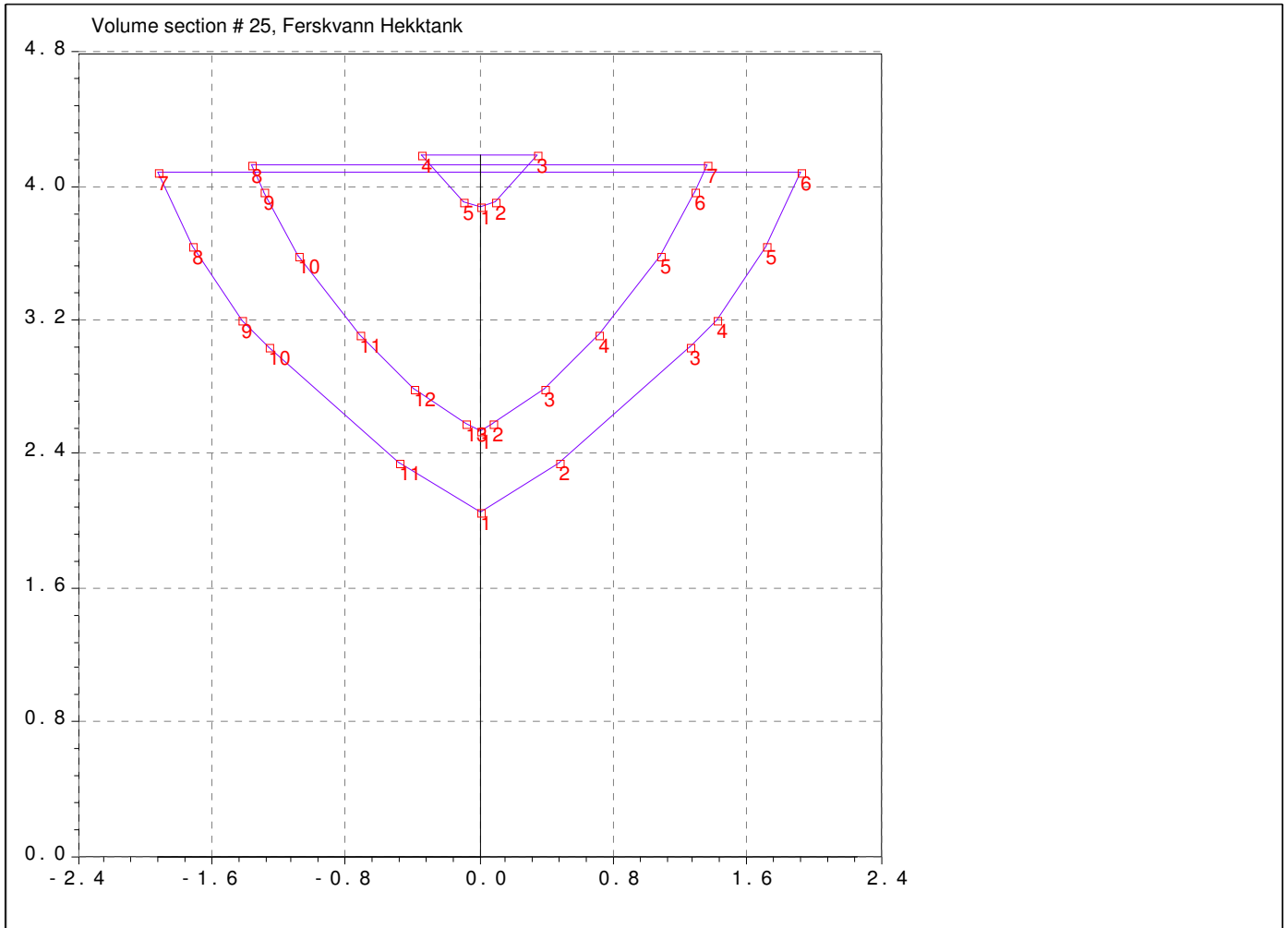
From AP:17.45 ( 17.450m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 4.321      | 1 | 0.000       | 4.321      | 1 | 0.000       | 4.321      |
| 2 | -0.500      | 4.321      | 2 | -0.500      | 4.321      | 2 | -0.500      | 4.321      |
| 3 | -0.500      | 3.683      | 3 | -0.500      | 3.692      | 3 | -0.500      | 3.710      |
| 4 | 0.000       | 3.693      | 4 | 0.000       | 3.701      | 4 | 0.000       | 3.719      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Ferskvann Hekktank

Date: 21 MAY 2019



Gen.code: 0,##,BDH();M (Used optimize angle: 5.0)

Volume= 2.832m3 LCG= -1.185m VCG= 3.485m TCG= 0.000m

From AP:-1.9 ( -1.900m)

From AP: -1.350 ( -1.350m)

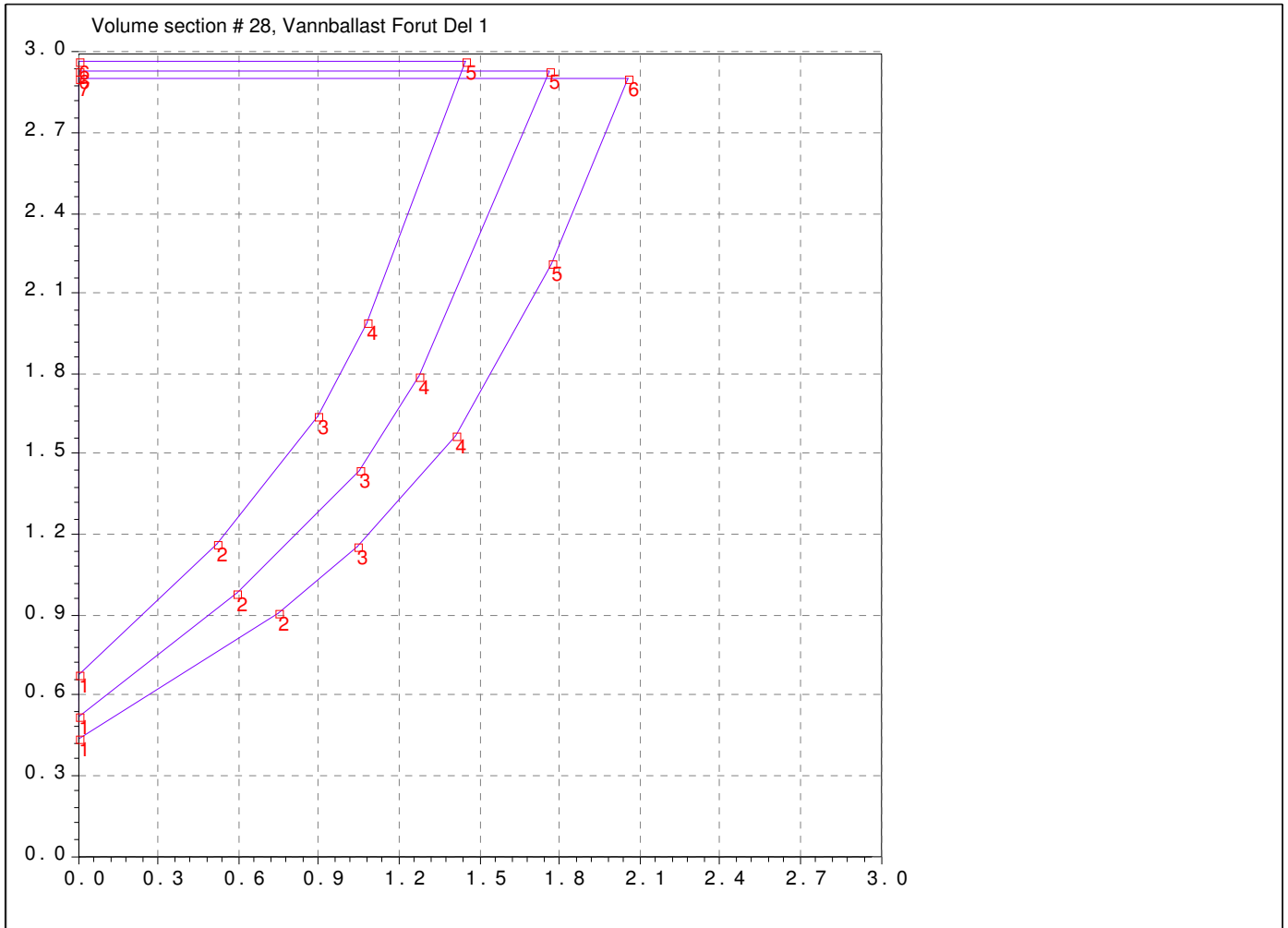
From AP:-0.8 ( -0.800m)

| P | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) |
|---|-------------|------------|----|-------------|------------|----|-------------|------------|
| 1 | 0.000       | 3.880      | 1  | 0.000       | 2.537      | 1  | 0.000       | 2.055      |
| 2 | 0.094       | 3.915      | 2  | 0.086       | 2.579      | 2  | 0.477       | 2.349      |
| 3 | 0.347       | 4.186      | 3  | 0.388       | 2.787      | 3  | 1.263       | 3.034      |
| 4 | -0.347      | 4.186      | 4  | 0.716       | 3.119      | 4  | 1.422       | 3.209      |
| 5 | -0.094      | 3.915      | 5  | 1.076       | 3.588      | 5  | 1.717       | 3.638      |
|   |             |            | 6  | 1.288       | 3.966      | 6  | 1.921       | 4.079      |
|   |             |            | 7  | 1.357       | 4.133      | 7  | -1.921      | 4.079      |
|   |             |            | 8  | -1.357      | 4.133      | 8  | -1.717      | 3.638      |
|   |             |            | 9  | -1.288      | 3.966      | 9  | -1.422      | 3.209      |
|   |             |            | 10 | -1.076      | 3.588      | 10 | -1.263      | 3.034      |
|   |             |            | 11 | -0.716      | 3.119      | 11 | -0.477      | 2.349      |
|   |             |            | 12 | -0.388      | 2.787      |    |             |            |
|   |             |            | 13 | -0.086      | 2.579      |    |             |            |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Vannballast Forut Del 1

Date: 21 MAY 2019



Gen.code: 0,##,VB();0,z; (Used optimize angle: 5.0)

Volume= 3.711m<sup>3</sup> LCG= 24.247m VCG= 2.027m TCG= 0.669m

From AP:23.6 ( 23.600m)

From AP: 24.300 ( 24.300m)

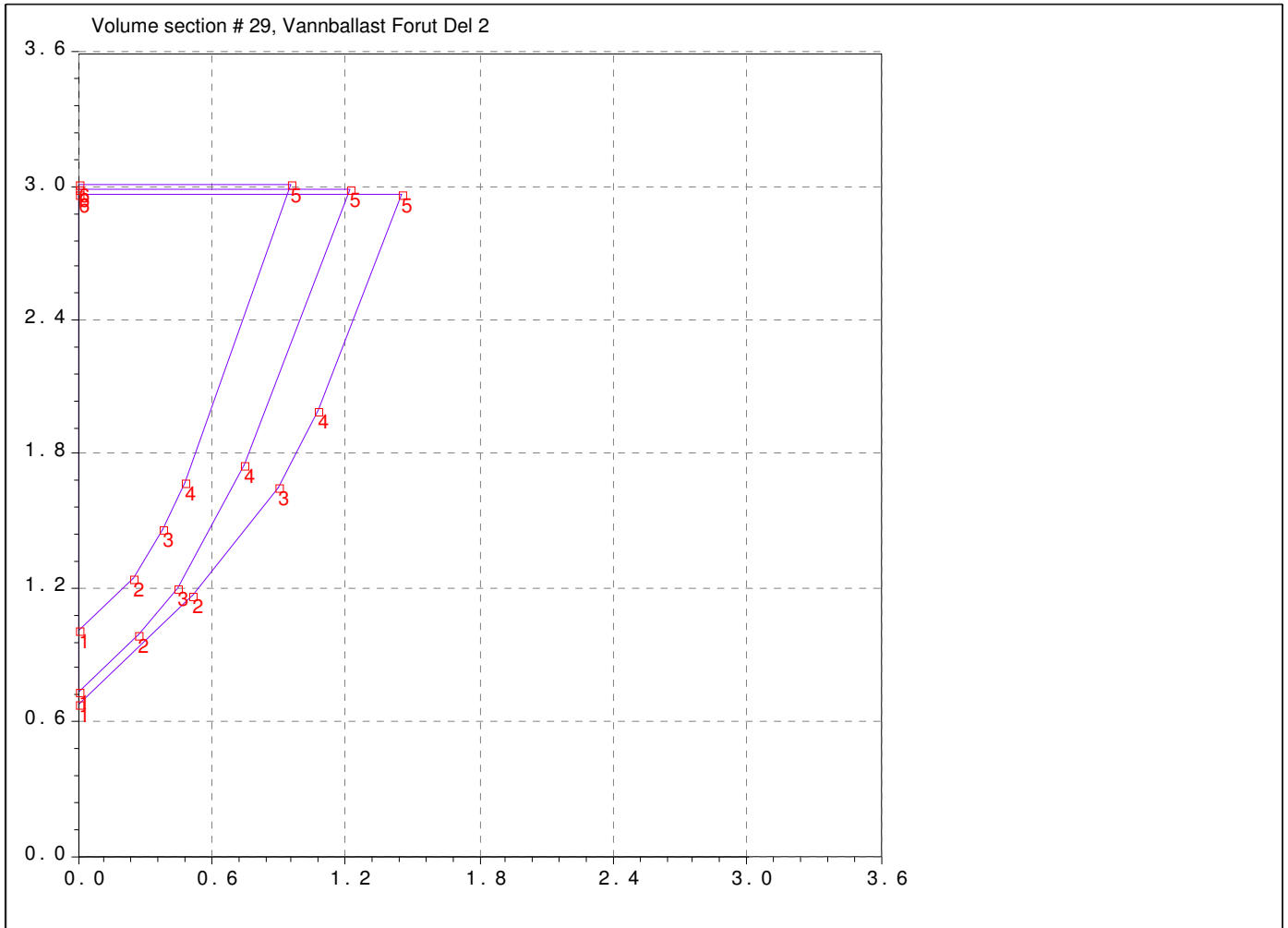
From AP:25 ( 25.000m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 0.434      | 1 | 0.000       | 0.518      | 1 | 0.000       | 0.680      |
| 2 | 0.751       | 0.906      | 2 | 0.590       | 0.981      | 2 | 0.516       | 1.168      |
| 3 | 1.043       | 1.159      | 3 | 1.050       | 1.441      | 3 | 0.897       | 1.646      |
| 4 | 1.414       | 1.566      | 4 | 1.276       | 1.787      | 4 | 1.077       | 1.996      |
| 5 | 1.768       | 2.214      | 5 | 1.764       | 2.932      | 5 | 1.447       | 2.965      |
| 6 | 2.056       | 2.899      | 6 | 0.000       | 2.932      | 6 | 0.000       | 2.965      |
| 7 | 0.000       | 2.899      |   |             |            |   |             |            |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Vannballast Forut Del 2

Date: 21 MAY 2019



Gen.code: 0,##,VB();0,z; (Used optimize angle: 5.0)

Volume= 1.633m3 LCG= 25.455m VCG= 2.153m TCG= 0.448m

From AP:25 ( 25.000m)

From AP: 25.500 ( 25.500m)

From AP:26 ( 26.000m)

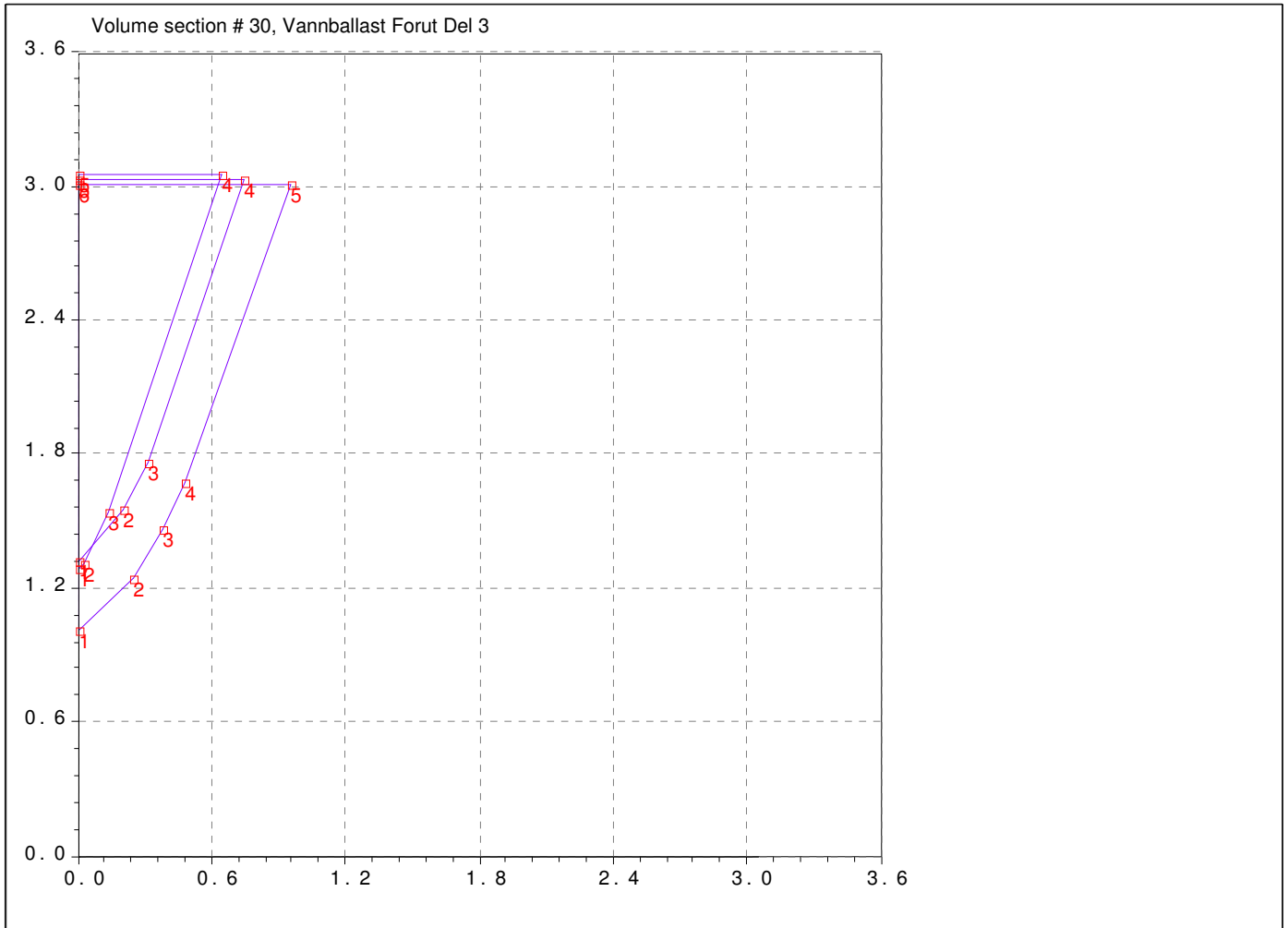
| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 0.680      | 1 | 0.000       | 0.739      | 1 | 0.000       | 1.008      |
| 2 | 0.516       | 1.168      | 2 | 0.276       | 0.986      | 2 | 0.245       | 1.246      |
| 3 | 0.897       | 1.646      | 3 | 0.442       | 1.200      | 3 | 0.379       | 1.460      |
| 4 | 1.077       | 1.996      | 4 | 0.744       | 1.749      | 4 | 0.482       | 1.675      |
| 5 | 1.447       | 2.965      | 5 | 1.220       | 2.989      | 5 | 0.959       | 3.012      |
| 6 | 0.000       | 2.965      | 6 | 0.000       | 2.989      | 6 | 0.000       | 3.012      |



# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Vannballast Forut Del 3

Date: 21 MAY 2019



Gen.code: 0,##,VB();0,z; (Used optimize angle: 5.0)

Volume= 0.637m3 LCG= 26.355m VCG= 2.363m TCG= 0.275m

From AP:26 ( 26.000m)

From AP: 26.400 ( 26.400m)

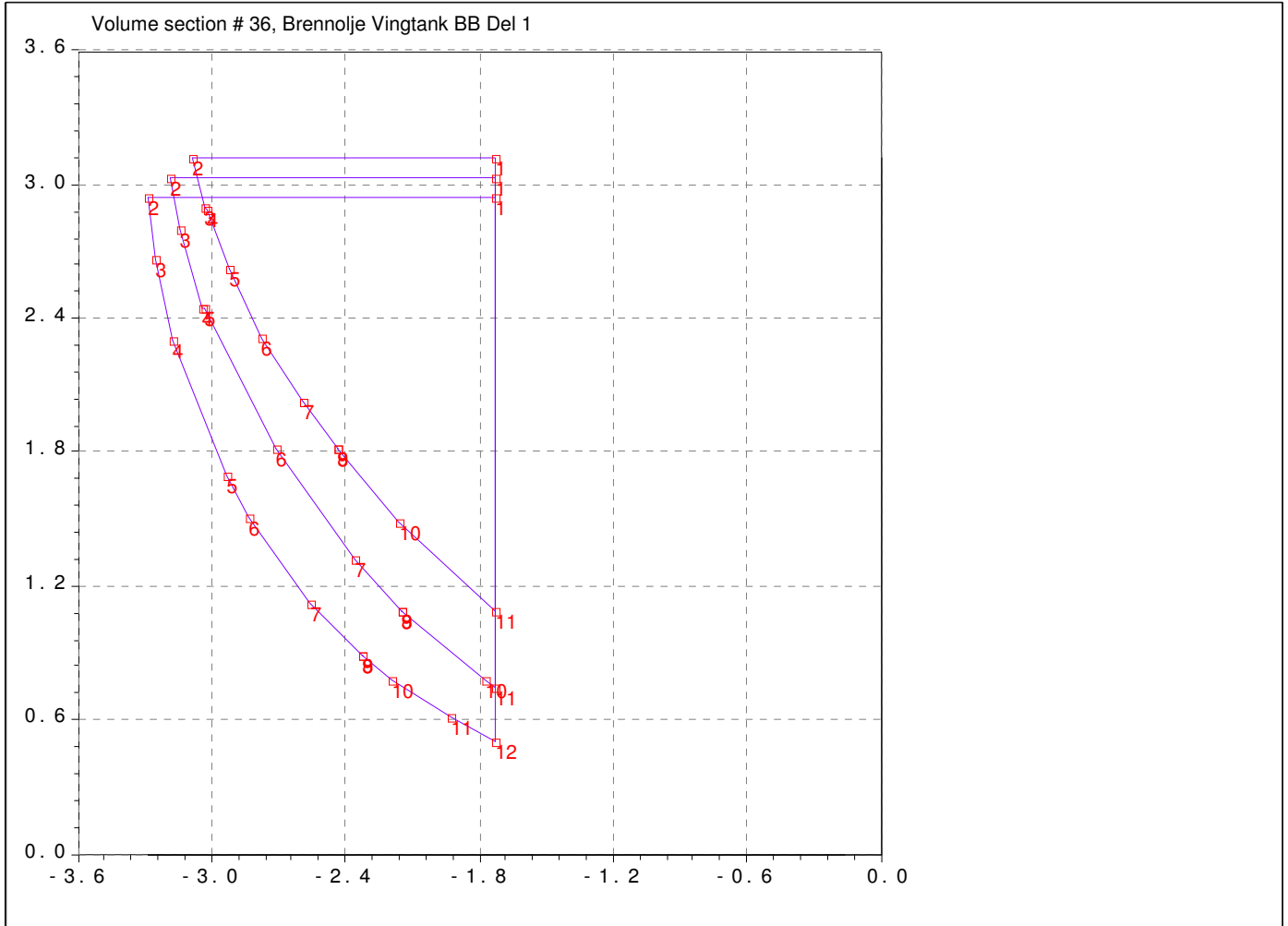
From AP:26.8 ( 26.800m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | 0.000       | 1.008      | 1 | 0.000       | 1.324      | 1 | 0.000       | 1.285      |
| 2 | 0.245       | 1.246      | 2 | 0.209       | 1.553      | 2 | 0.028       | 1.313      |
| 3 | 0.379       | 1.460      | 3 | 0.318       | 1.760      | 3 | 0.141       | 1.542      |
| 4 | 0.482       | 1.675      | 4 | 0.745       | 3.031      | 4 | 0.641       | 3.050      |
| 5 | 0.959       | 3.012      | 5 | 0.000       | 3.031      | 5 | 0.000       | 3.050      |
| 6 | 0.000       | 3.012      |   |             |            |   |             |            |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Brennolje Vingtank BB Del 1

Date: 21 MAY 2019



Gen.code: -1.725,HDMBB(); P#,z;-1.725,#; (Used optimize angle: 3.0)

Volume= 4.305m<sup>3</sup> LCG= 5.074m VCG= 2.161m TCG= -2.292m

From AP:4 ( 4.000m)

From AP: 5.000 ( 5.000m)

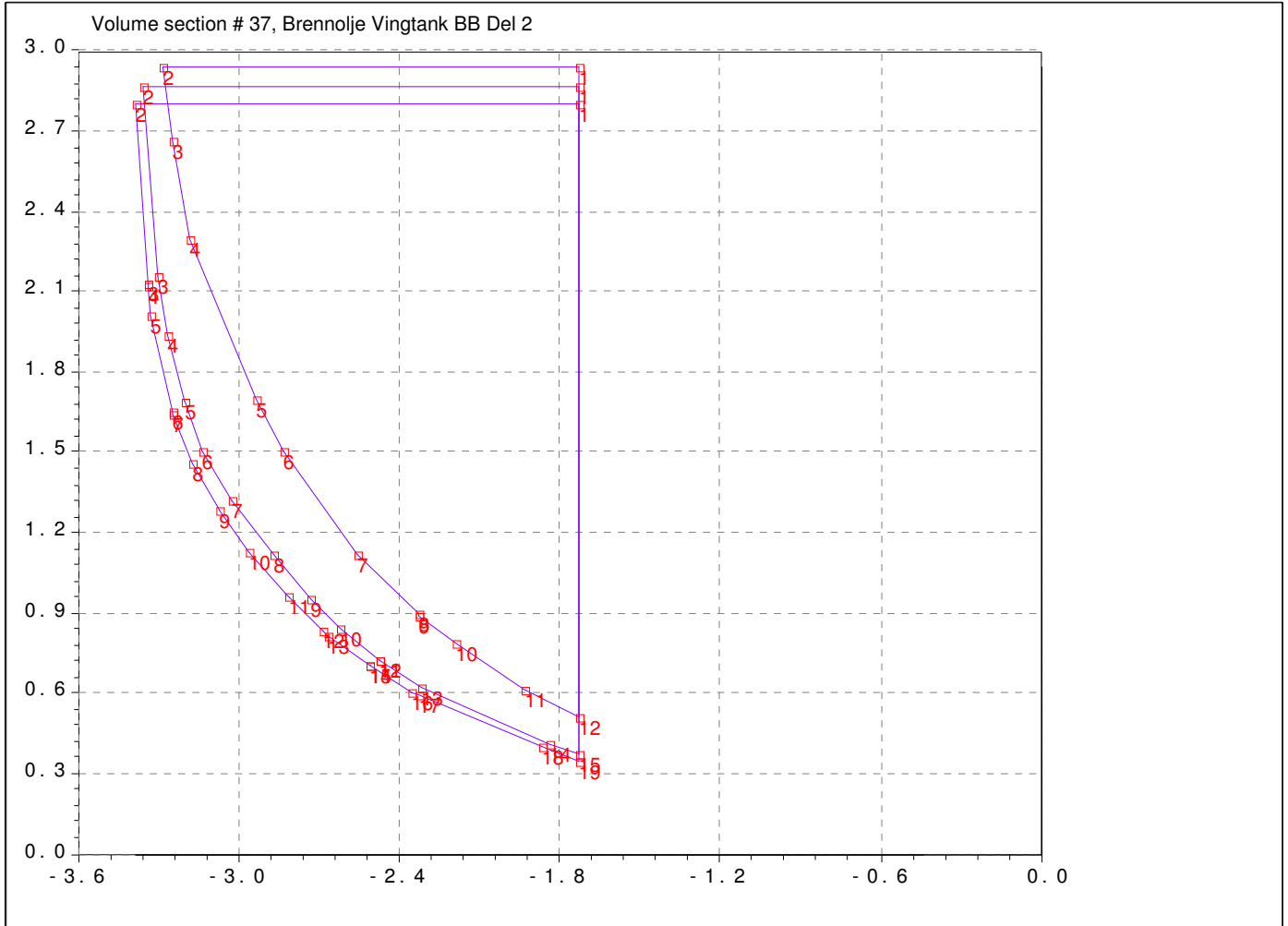
From AP:6 ( 6.000m)

| P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) |
|----|-------------|------------|----|-------------|------------|----|-------------|------------|
| 1  | -1.725      | 3.120      | 1  | -1.725      | 3.031      | 1  | -1.725      | 2.942      |
| 2  | -3.089      | 3.120      | 2  | -3.187      | 3.031      | 2  | -3.283      | 2.942      |
| 3  | -3.029      | 2.897      | 3  | -3.140      | 2.794      | 3  | -3.249      | 2.666      |
| 4  | -3.025      | 2.888      | 4  | -3.037      | 2.446      | 4  | -3.180      | 2.297      |
| 5  | -2.926      | 2.618      | 5  | -3.035      | 2.441      | 5  | -2.935      | 1.694      |
| 6  | -2.774      | 2.310      | 6  | -2.706      | 1.816      | 6  | -2.831      | 1.507      |
| 7  | -2.592      | 2.022      | 7  | -2.362      | 1.315      | 7  | -2.557      | 1.120      |
| 8  | -2.437      | 1.819      | 8  | -2.144      | 1.088      | 8  | -2.330      | 0.893      |
| 9  | -2.436      | 1.817      | 9  | -2.144      | 1.087      | 9  | -2.330      | 0.892      |
| 10 | -2.159      | 1.485      | 10 | -1.776      | 0.777      | 10 | -2.187      | 0.783      |
| 11 | -1.725      | 1.087      | 11 | -1.725      | 0.742      | 11 | -1.929      | 0.614      |
|    |             |            |    |             |            | 12 | -1.725      | 0.506      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Brennolje Vingtank BB Del 2

Date: 21 MAY 2019



Gen.code: -1.725,HDMBB(); P#,z;-1.725,#; (Used optimize angle: 3.0)

Volume= 4.913m3 LCG= 6.822m VCG= 1.849m TCG= -2.417m

From AP:6 ( 6.000m)

From AP: 6.800 ( 6.800m)

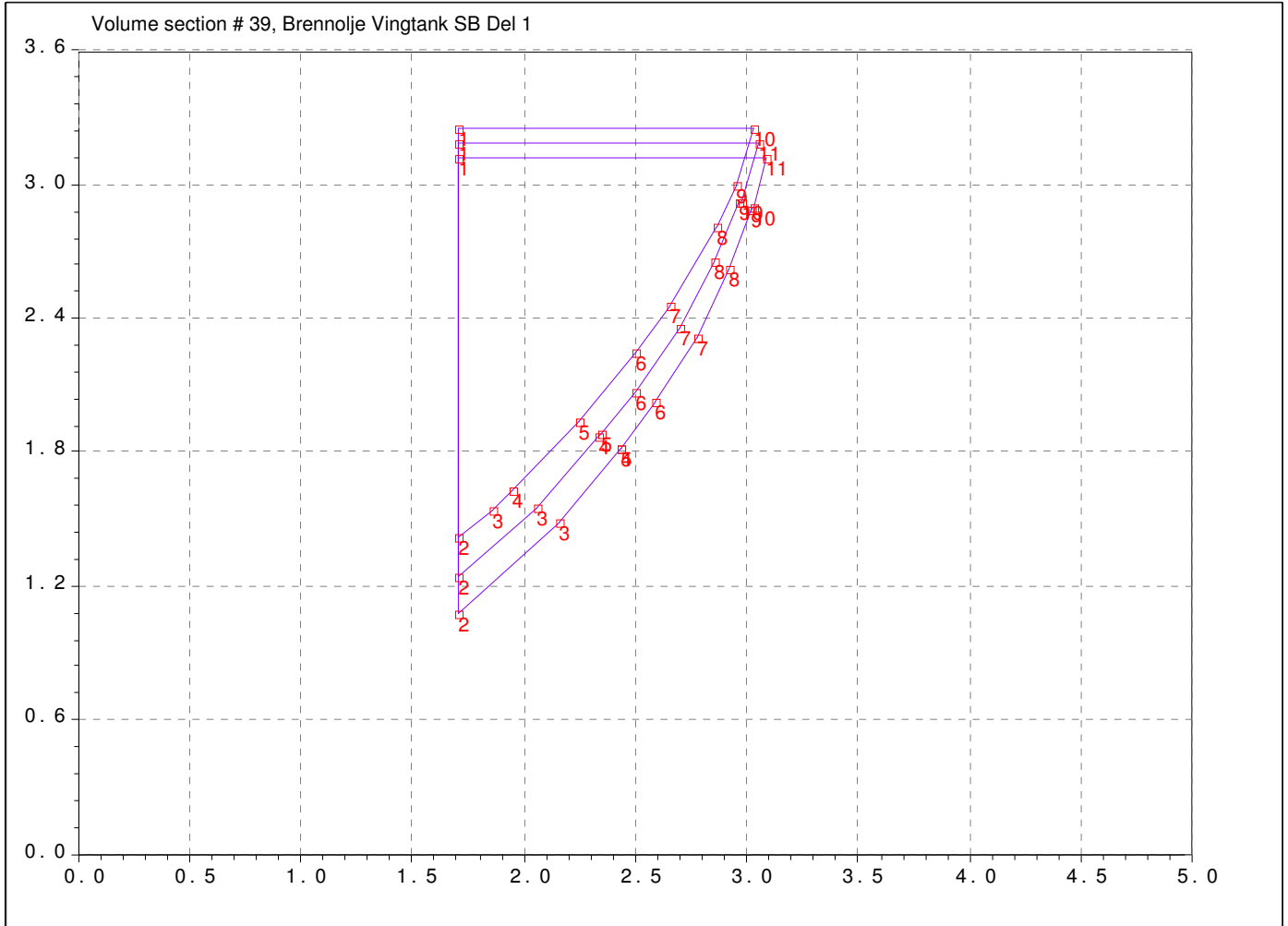
From AP:7.6 ( 7.600m)

| P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) |
|----|-------------|------------|----|-------------|------------|----|-------------|------------|
| 1  | -1.725      | 2.942      | 1  | -1.725      | 2.871      | 1  | -1.725      | 2.800      |
| 2  | -3.283      | 2.942      | 2  | -3.354      | 2.871      | 2  | -3.380      | 2.800      |
| 3  | -3.249      | 2.666      | 3  | -3.305      | 2.155      | 3  | -3.339      | 2.130      |
| 4  | -3.180      | 2.297      | 4  | -3.264      | 1.935      | 4  | -3.339      | 2.125      |
| 5  | -2.935      | 1.694      | 5  | -3.201      | 1.686      | 5  | -3.325      | 2.008      |
| 6  | -2.831      | 1.507      | 6  | -3.132      | 1.506      | 6  | -3.248      | 1.656      |
| 7  | -2.557      | 1.120      | 7  | -3.025      | 1.316      | 7  | -3.244      | 1.643      |
| 8  | -2.330      | 0.893      | 8  | -2.873      | 1.117      | 8  | -3.175      | 1.461      |
| 9  | -2.330      | 0.892      | 9  | -2.733      | 0.956      | 9  | -3.073      | 1.286      |
| 10 | -2.187      | 0.783      | 10 | -2.624      | 0.846      | 10 | -2.962      | 1.123      |
| 11 | -1.929      | 0.614      | 11 | -2.471      | 0.726      | 11 | -2.815      | 0.960      |
| 12 | -1.725      | 0.506      | 12 | -2.470      | 0.725      | 12 | -2.688      | 0.837      |
|    |             |            | 13 | -2.314      | 0.625      | 13 | -2.667      | 0.819      |
|    |             |            | 14 | -1.836      | 0.414      | 14 | -2.510      | 0.705      |
|    |             |            | 15 | -1.725      | 0.373      | 15 | -2.509      | 0.704      |
|    |             |            |    |             |            | 16 | -2.352      | 0.604      |
|    |             |            |    |             |            | 17 | -2.328      | 0.591      |
|    |             |            |    |             |            | 18 | -1.868      | 0.399      |
|    |             |            |    |             |            | 19 | -1.725      | 0.349      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Brennojle Vingtank SB Del 1

Date: 21 MAY 2019



Gen.code: 1.71,HDMBB(); y,#; #,HDMBB(); (Used optimize angle: 3.0)

Volume= 1.273m3 LCG= 3.612m VCG= 2.476m TCG= 2.214m

From AP:3.2 ( 3.200m)

From AP: 3.600 ( 3.600m)

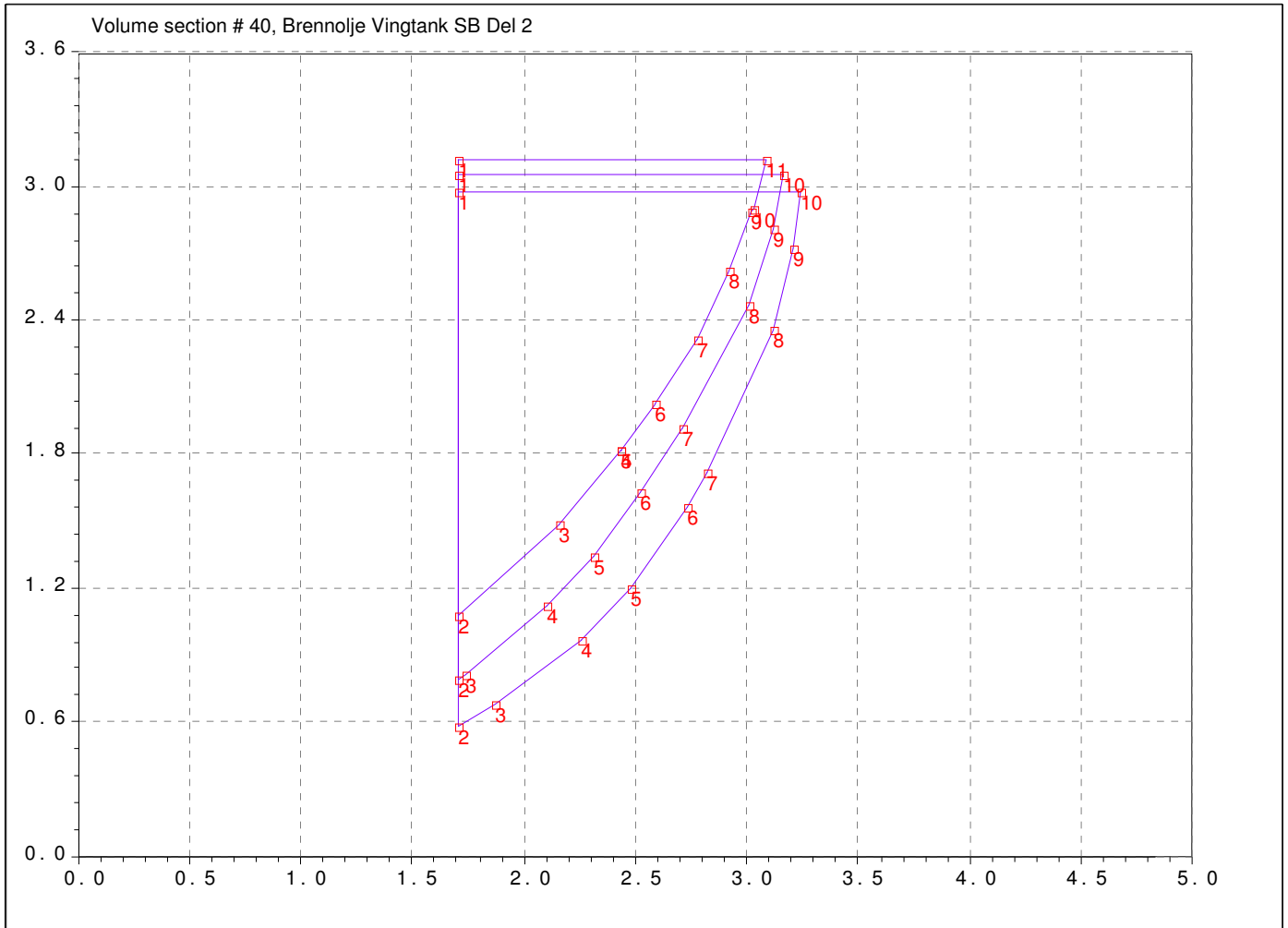
From AP:4 ( 4.000m)

| P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) |
|----|-------------|------------|----|-------------|------------|----|-------------|------------|
| 1  | 1.710       | 3.251      | 1  | 1.710       | 3.185      | 1  | 1.710       | 3.120      |
| 2  | 1.710       | 1.414      | 2  | 1.710       | 1.241      | 2  | 1.710       | 1.074      |
| 3  | 1.858       | 1.538      | 3  | 2.056       | 1.554      | 3  | 2.159       | 1.485      |
| 4  | 1.953       | 1.630      | 4  | 2.341       | 1.876      | 4  | 2.436       | 1.817      |
| 5  | 2.246       | 1.943      | 5  | 2.342       | 1.878      | 5  | 2.437       | 1.819      |
| 6  | 2.502       | 2.247      | 6  | 2.503       | 2.075      | 6  | 2.592       | 2.022      |
| 7  | 2.661       | 2.456      | 7  | 2.696       | 2.353      | 7  | 2.774       | 2.310      |
| 8  | 2.871       | 2.810      | 8  | 2.859       | 2.654      | 8  | 2.926       | 2.618      |
| 9  | 2.952       | 2.995      | 9  | 2.970       | 2.917      | 9  | 3.025       | 2.888      |
| 10 | 3.034       | 3.251      | 10 | 2.974       | 2.925      | 10 | 3.029       | 2.897      |
|    |             |            | 11 | 3.054       | 3.185      | 11 | 3.089       | 3.120      |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Brennolje Vingtank SB Del 2

Date: 21 MAY 2019



Gen.code: 1.71,HDMBB(); y,#; #,HDMBB(); (Used optimize angle: 3.0)

Volume= 3.342m3 LCG= 4.847m VCG= 2.201m TCG= 2.269m

From AP:4 ( 4.000m)

From AP: 4.800 ( 4.800m)

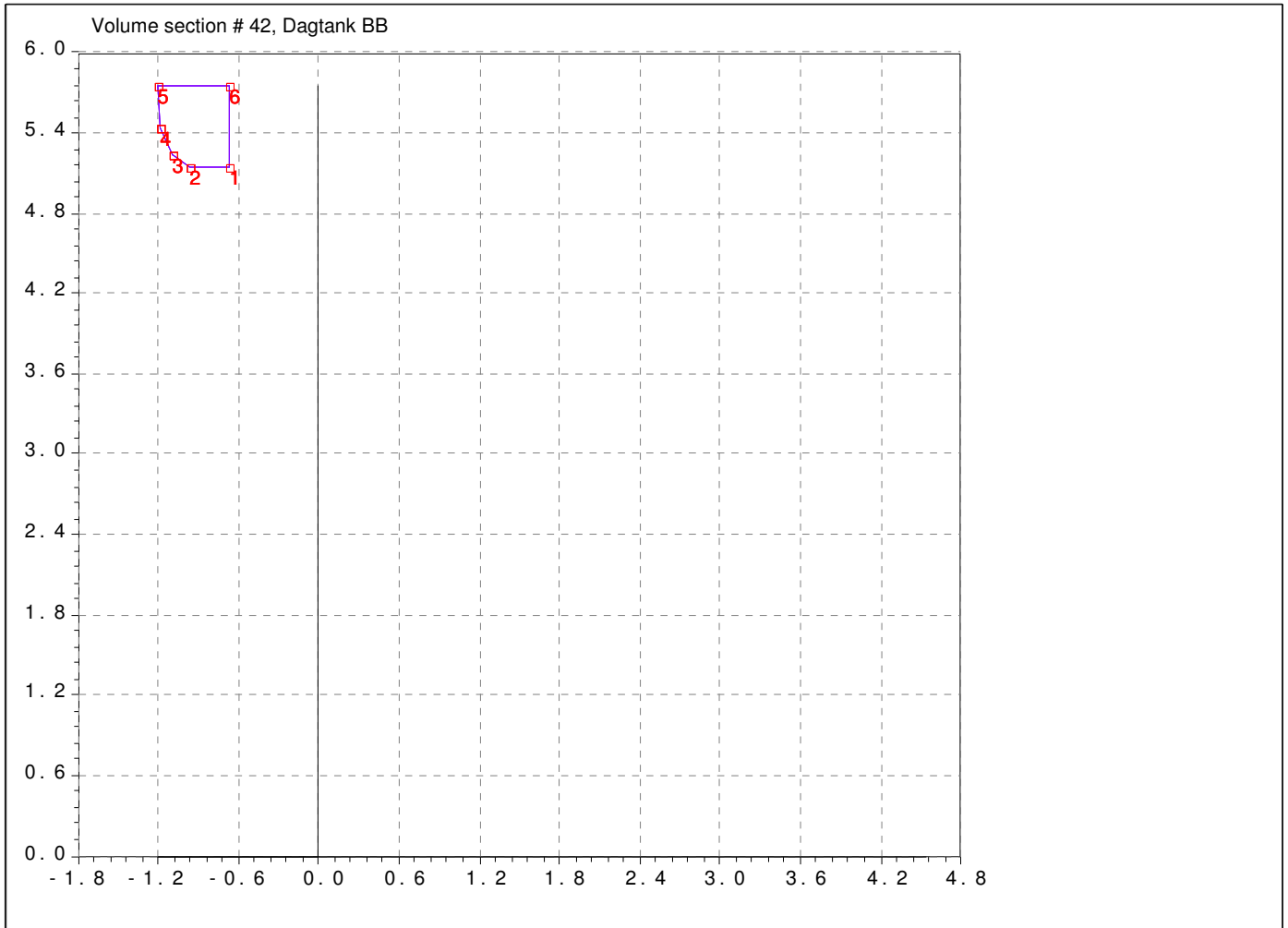
From AP:5.6 ( 5.600m)

| P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) | P  | Breadth (m) | Height (m) |
|----|-------------|------------|----|-------------|------------|----|-------------|------------|
| 1  | 1.710       | 3.120      | 1  | 1.710       | 3.049      | 1  | 1.710       | 2.978      |
| 2  | 1.710       | 1.074      | 2  | 1.710       | 0.790      | 2  | 1.710       | 0.582      |
| 3  | 2.159       | 1.485      | 3  | 1.741       | 0.812      | 3  | 1.873       | 0.676      |
| 4  | 2.436       | 1.817      | 4  | 2.104       | 1.126      | 4  | 2.258       | 0.971      |
| 5  | 2.437       | 1.819      | 5  | 2.319       | 1.347      | 5  | 2.479       | 1.201      |
| 6  | 2.592       | 2.022      | 6  | 2.522       | 1.625      | 6  | 2.730       | 1.562      |
| 7  | 2.774       | 2.310      | 7  | 2.715       | 1.920      | 7  | 2.820       | 1.713      |
| 8  | 2.926       | 2.618      | 8  | 3.009       | 2.470      | 8  | 3.122       | 2.358      |
| 9  | 3.025       | 2.888      | 9  | 3.118       | 2.815      | 9  | 3.206       | 2.721      |
| 10 | 3.029       | 2.897      | 10 | 3.168       | 3.049      | 10 | 3.244       | 2.978      |
| 11 | 3.089       | 3.120      |    |             |            |    |             |            |

# M/S AQUAFISK SENIOR - JWUO - 3 LASTEROM

## Dagtank BB

Date: 21 MAY 2019



Gen.code: -0.675, 5.135;y-0.29,z;-0.675-0.41,5.135+0.10; -0.675-0.5,5.135+0.305;-0.675-0.53,z+0.305;-0.675,z; (Used optimize angle: 0.0)

Volume= 0.571m<sup>3</sup> LCG= 24.600m VCG= 5.461m TCG= -0.913m

From AP:S59 ( 23.600m)

From AP:S61+200 ( 24.600m)

From AP:S64 ( 25.600m)

| P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) | P | Breadth (m) | Height (m) |
|---|-------------|------------|---|-------------|------------|---|-------------|------------|
| 1 | -0.675      | 5.135      | 1 | -0.675      | 5.135      | 1 | -0.675      | 5.135      |
| 2 | -0.965      | 5.135      | 2 | -0.965      | 5.135      | 2 | -0.965      | 5.135      |
| 3 | -1.085      | 5.235      | 3 | -1.085      | 5.235      | 3 | -1.085      | 5.235      |
| 4 | -1.175      | 5.440      | 4 | -1.175      | 5.440      | 4 | -1.175      | 5.440      |
| 5 | -1.205      | 5.745      | 5 | -1.205      | 5.745      | 5 | -1.205      | 5.745      |
| 6 | -0.675      | 5.745      | 6 | -0.675      | 5.745      | 6 | -0.675      | 5.745      |