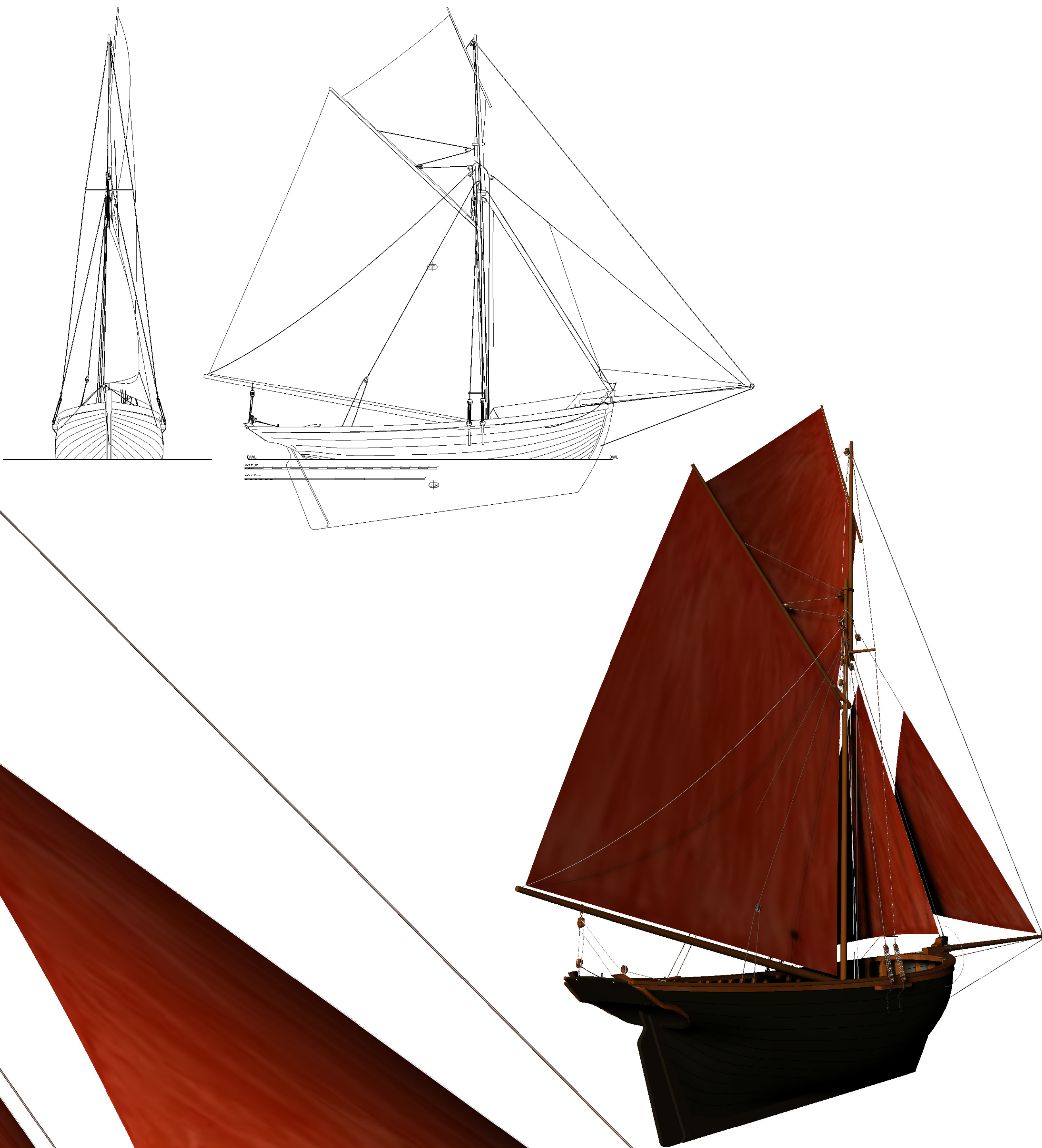
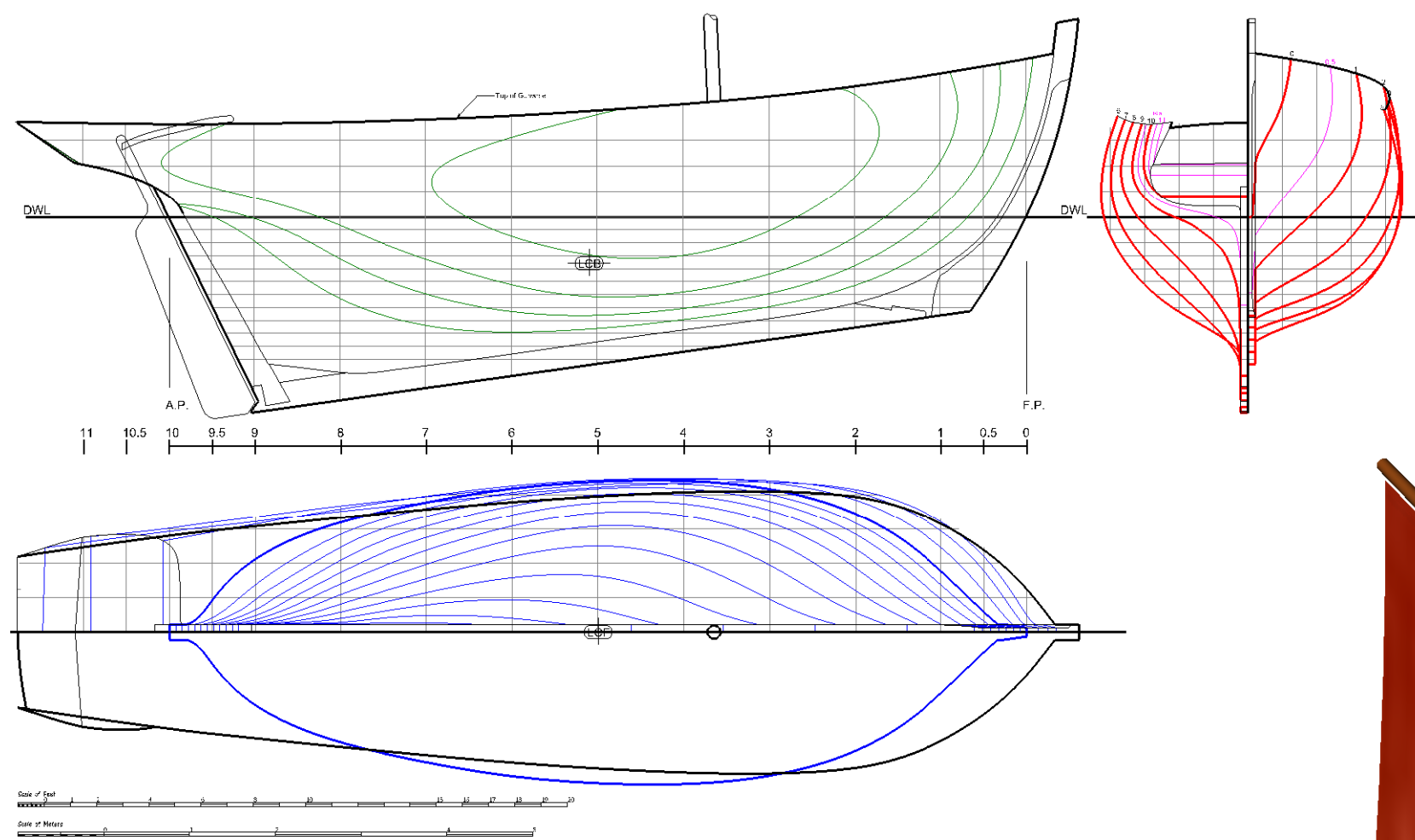


# "Kinsale Hooker"



PRINCIPAL PARTICULARS

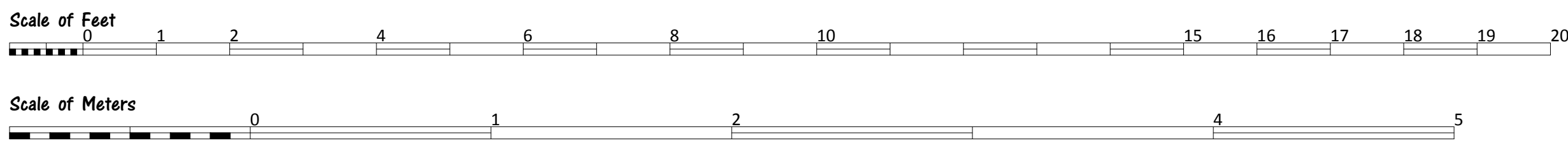
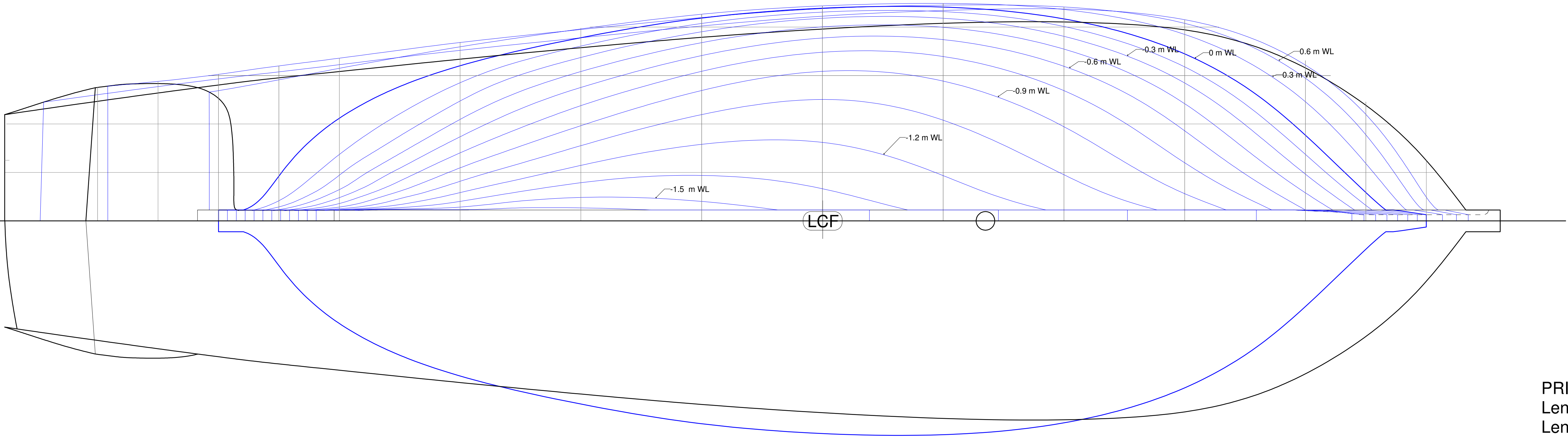
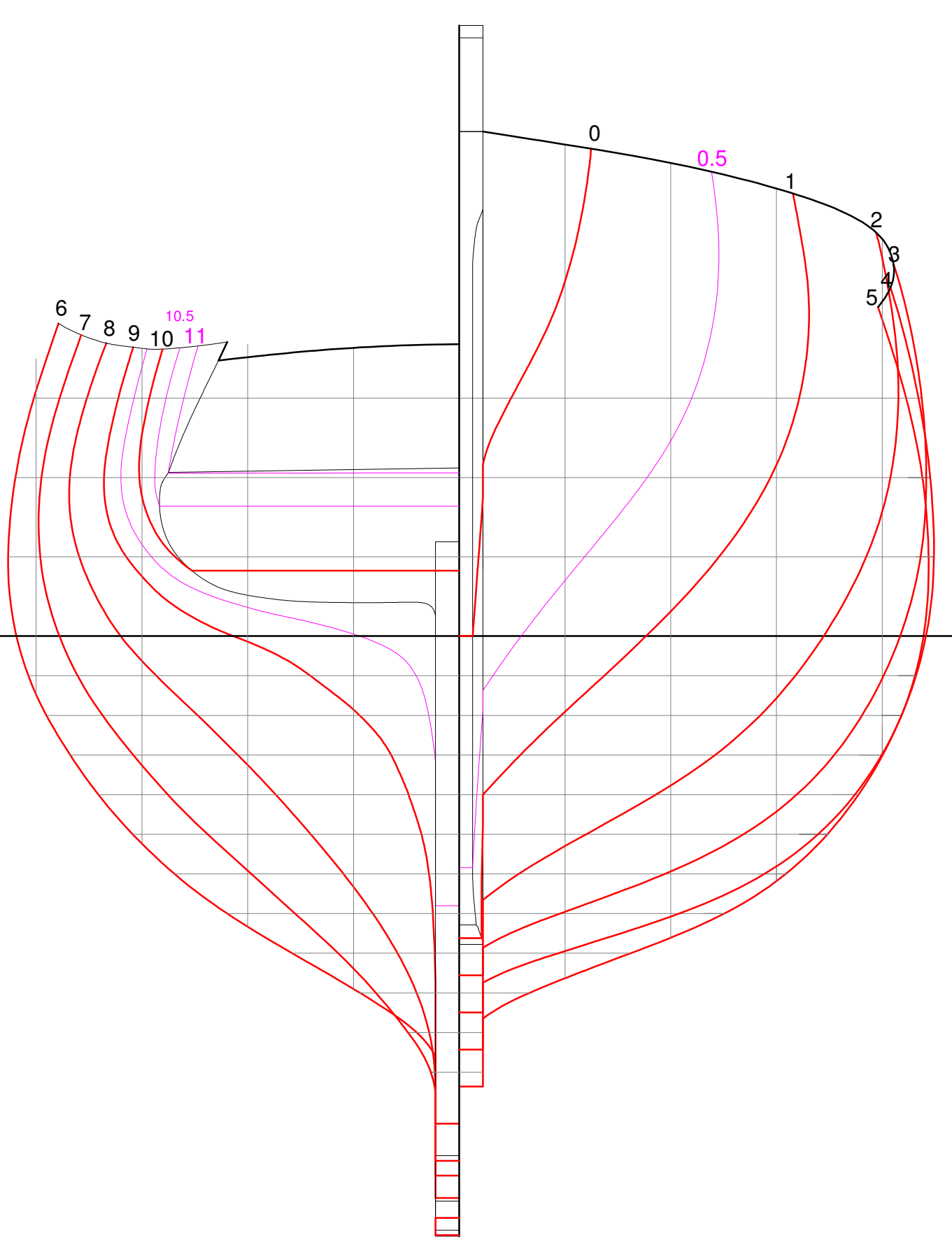
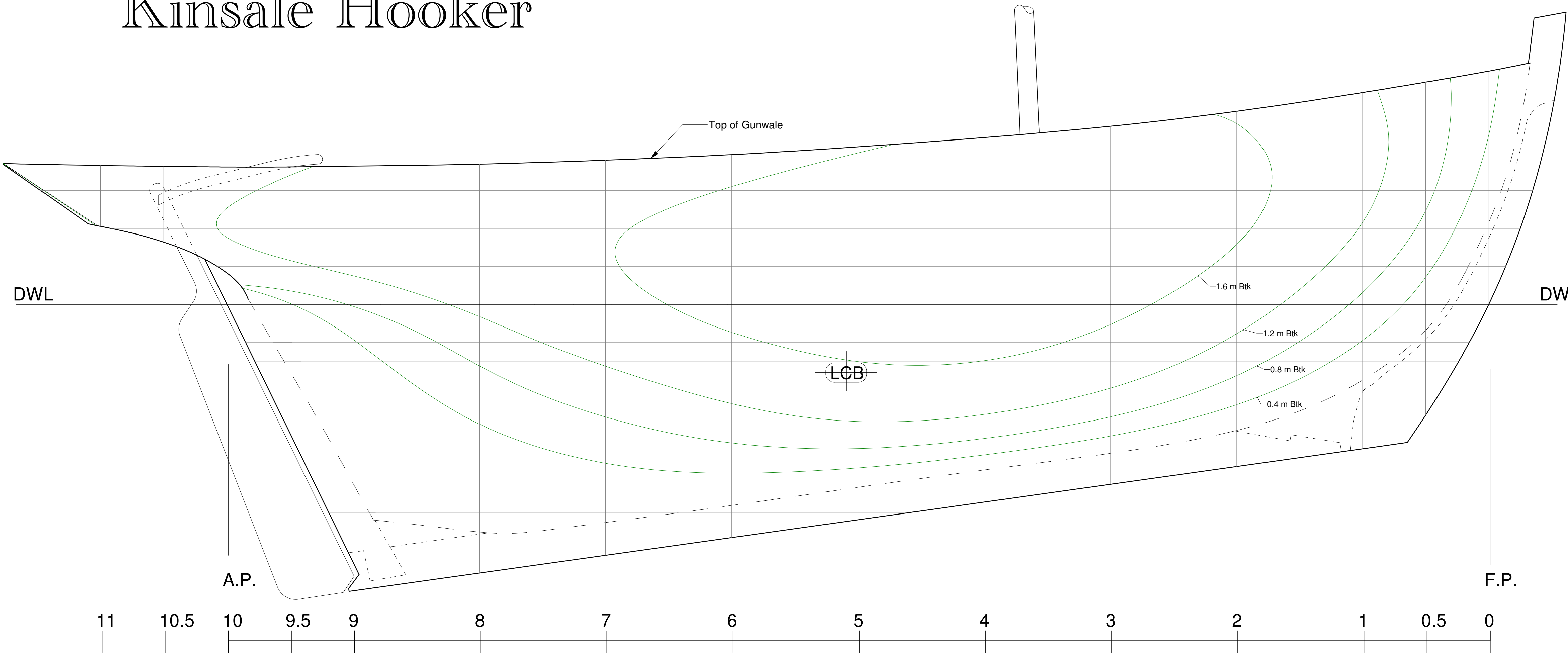
|                               |                     |                          |
|-------------------------------|---------------------|--------------------------|
| Length Overall (On Deck)..... | 12.35 m             | (40' - 6 ½")             |
| Length W.L.....               | 9.98 m              | (32' - 9 ½")             |
| Beam.....                     | 3.59 m              | (11' - 9 ½")             |
| Draught .....                 | 2.27 m              | (7' - 5 ½")              |
| Depth .....                   | 4.58 m              | (15' - 0 ½")             |
| Displacement.....             | 21.5 tonnes         | (21.15 tons)             |
| Total Sail Area.....          | 105m <sup>2</sup>   | (1130 ft <sup>2</sup> )  |
| Main Sail Area.....           | 61.5m <sup>2</sup>  | (662.5 ft <sup>2</sup> ) |
| Top Sail Area.....            | 16.4m <sup>2</sup>  | (176.9ft <sup>2</sup> )  |
| Stay Sail Area.....           | 13.6m <sup>2</sup>  | (145.8 ft <sup>2</sup> ) |
| Head Sail Area.....           | 13.50m <sup>2</sup> | (144.8 ft <sup>2</sup> ) |

NOTES  
This lines which are the basis for this drawing were produced  
by 3D laser scanning the National Museum Model

Traditional Boats of Ireland Project  
DRAWN **P. Tanner**  
DRAWING NUMBER **1**  
MODEL UNITS **Meters**  
DATE **12/10/2011**  
SHEET **Cover - A1**  
SCALE **N/A**



# "Kinsale Hooker"



| PRINCIPAL PARTICULARS         |                          |
|-------------------------------|--------------------------|
| Length Overall (On Deck)..... | 12.35 m (40' - 6 ½")     |
| Length W.L.....               | 9.98 m (32' - 9 ½")      |
| Beam.....                     | 3.59 m ( 11' - 9 ½")     |
| Draught .....                 | 2.27 m ( 7' - 5 ½")      |
| Depth .....                   | 4.58 m ( 15' - 0 ½")     |
| Displacement.....             | 21.5 tonnes (21.15 tons) |

NOTES  
This lines plan was produced by 3D laser scanning  
the National Museum Model  
Lines drawn to outside of planking

## LINES PLAN

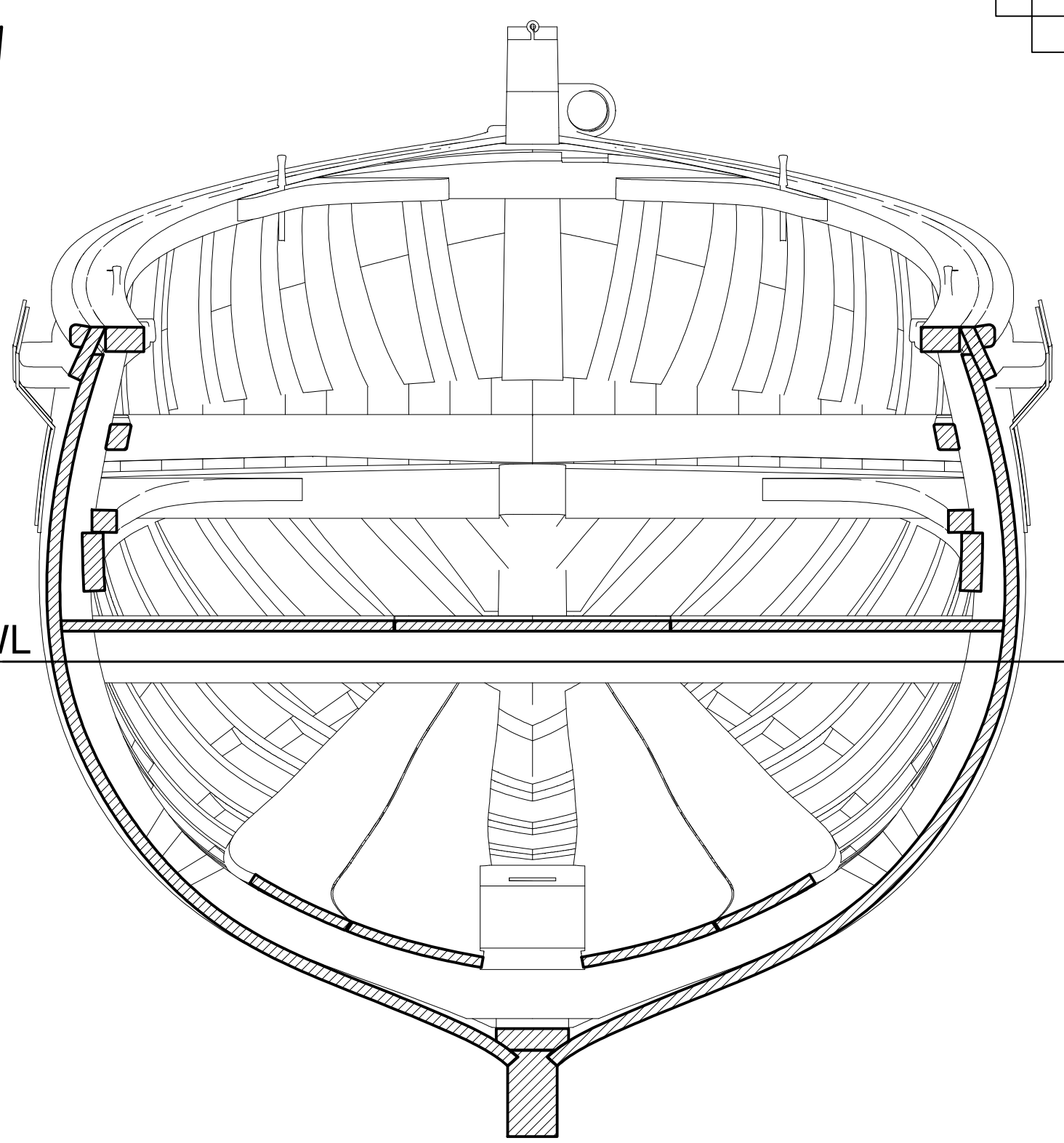
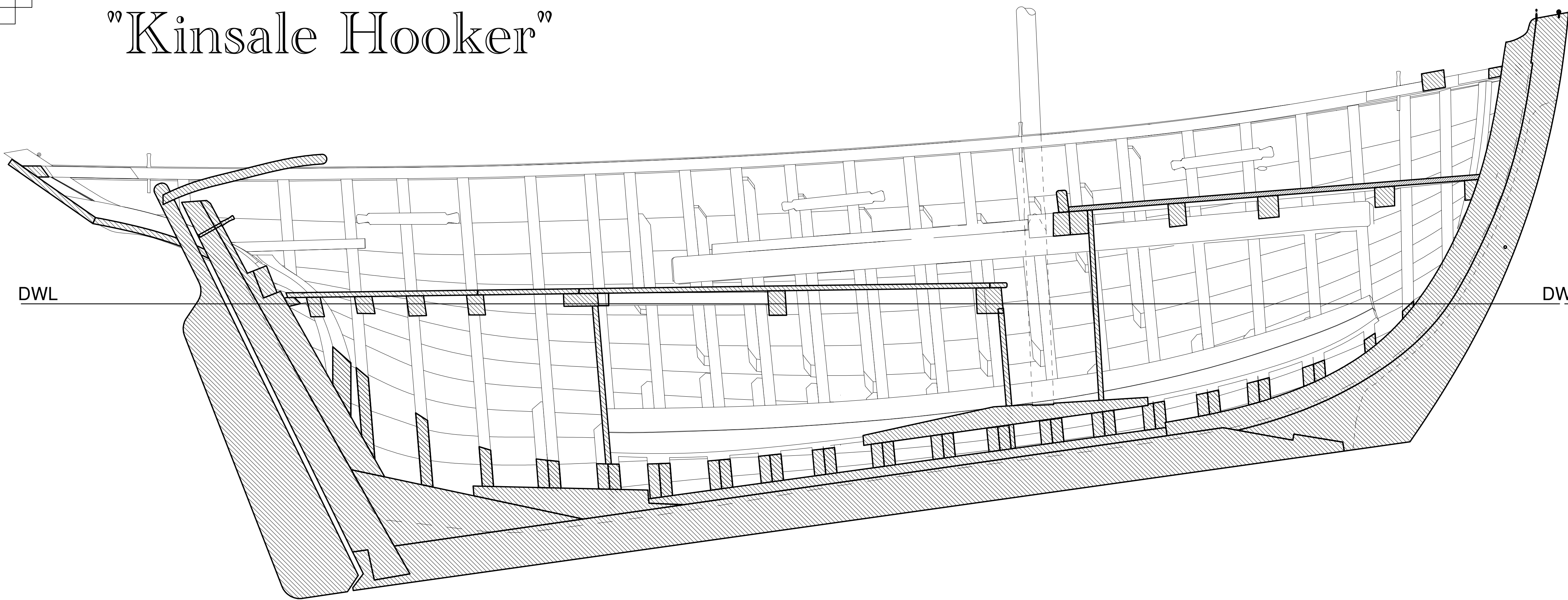
### Traditional Boats of Ireland Project

|                           |                          |
|---------------------------|--------------------------|
| DRAWN <b>P. Tanner</b>    | DATE <b>12/10/2011</b>   |
| DRAWING NUMBER <b>2a</b>  | SHEET <b>2 of 4 - A1</b> |
| MODEL UNITS <b>Meters</b> | SCALE <b>1 : 20</b>      |

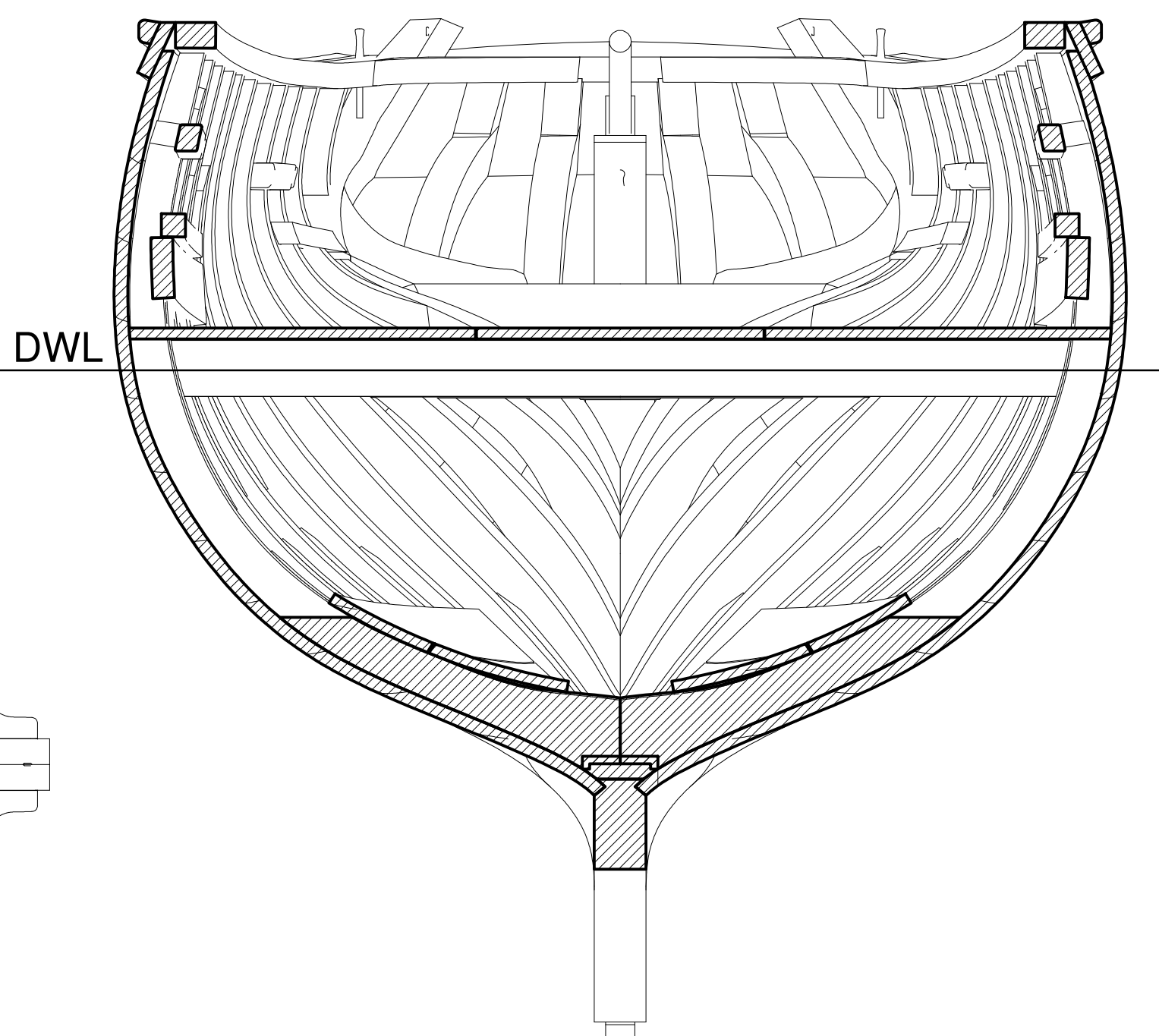
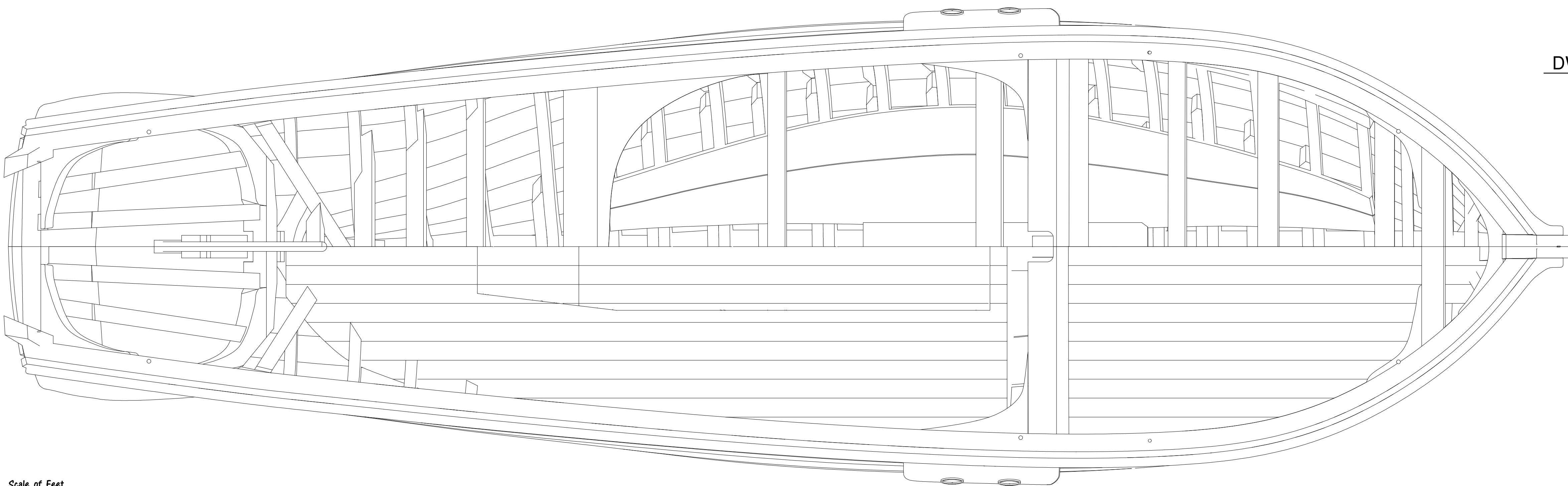
CP.....0.579   AWP.....25.195 m<sup>2</sup> (271.2 ft<sup>2</sup>)   WSA.....45.072 m<sup>2</sup> ( 485.15 ft<sup>2</sup>)   LCB.....51%   258 kg/cm (1448 lbs/in)   Ballast & Cargo.....12.9 tonnes (12.69 tons)



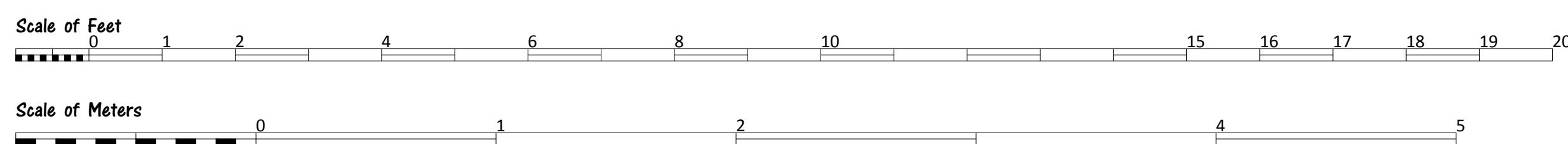
# "Kinsale Hooker"



Mid Ship Section looking forward



Mid Ship Section looking aft



| PRINCIPAL PARTICULARS         |                          |
|-------------------------------|--------------------------|
| Length Overall (On Deck)..... | 12.35 m (40' - 6 ½")     |
| Length W.L.....               | 9.98 m (32' - 9 ½")      |
| Beam.....                     | 3.59 m ( 11' - 9 ½")     |
| Draught .....                 | 2.27 m ( 7' - 5 ½")      |
| Depth .....                   | 4.58 m ( 15' - 0 ½")     |
| Displacement.....             | 21.5 tonnes (21.15 tons) |

NOTES  
This lines which are the basis for this drawing were produced  
by 3D laser scanning the National Museum Model

## Construction Drawing

### Traditional Boats of Ireland Project

|                           |                          |
|---------------------------|--------------------------|
| DRAWN <b>P. Tanner</b>    | DATE <b>12/10/2011</b>   |
| DRAWING NUMBER <b>3a</b>  | SHEET <b>3 of 4 - A1</b> |
| MODEL UNITS <b>Meters</b> | SCALE <b>1:20</b>        |

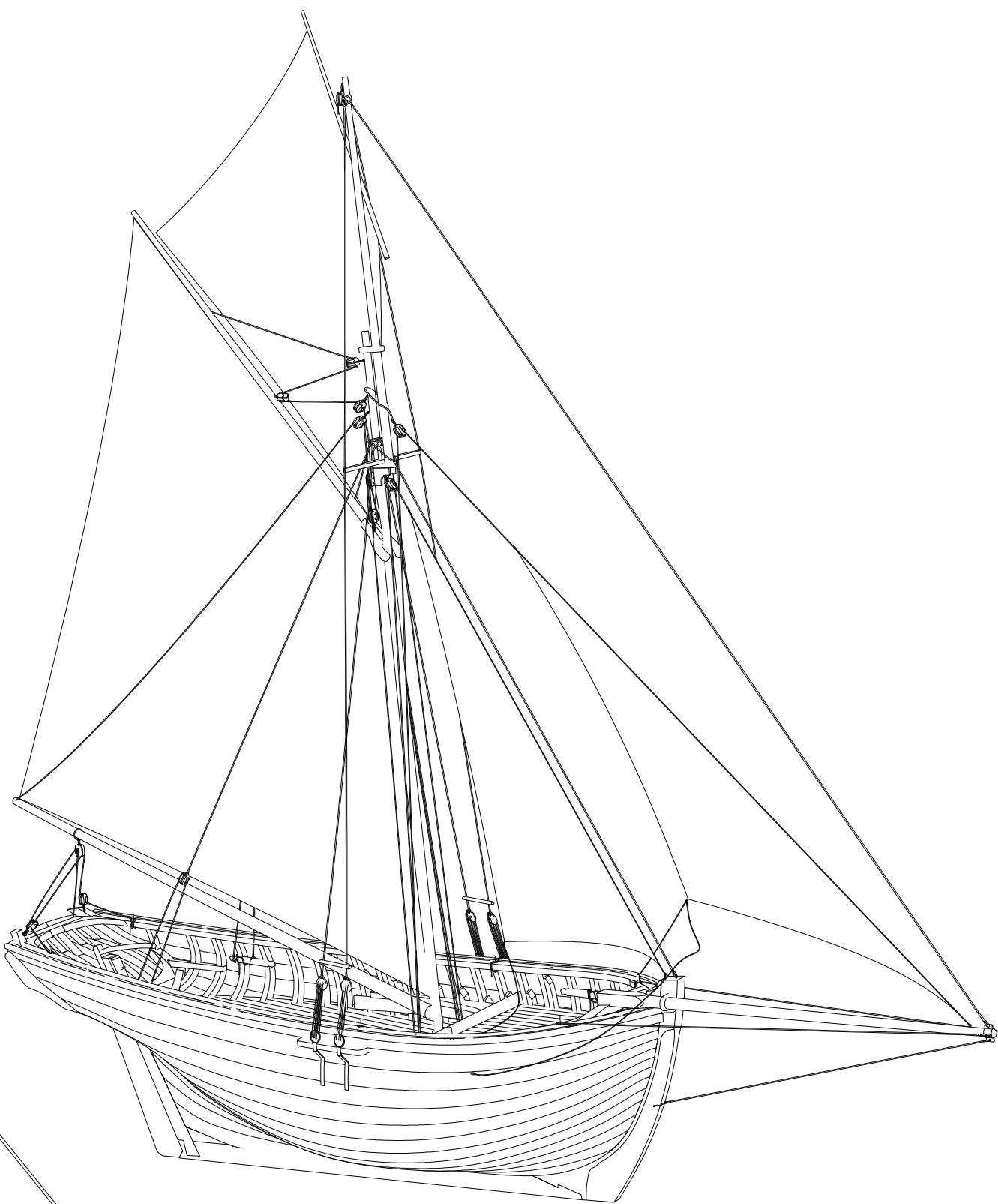
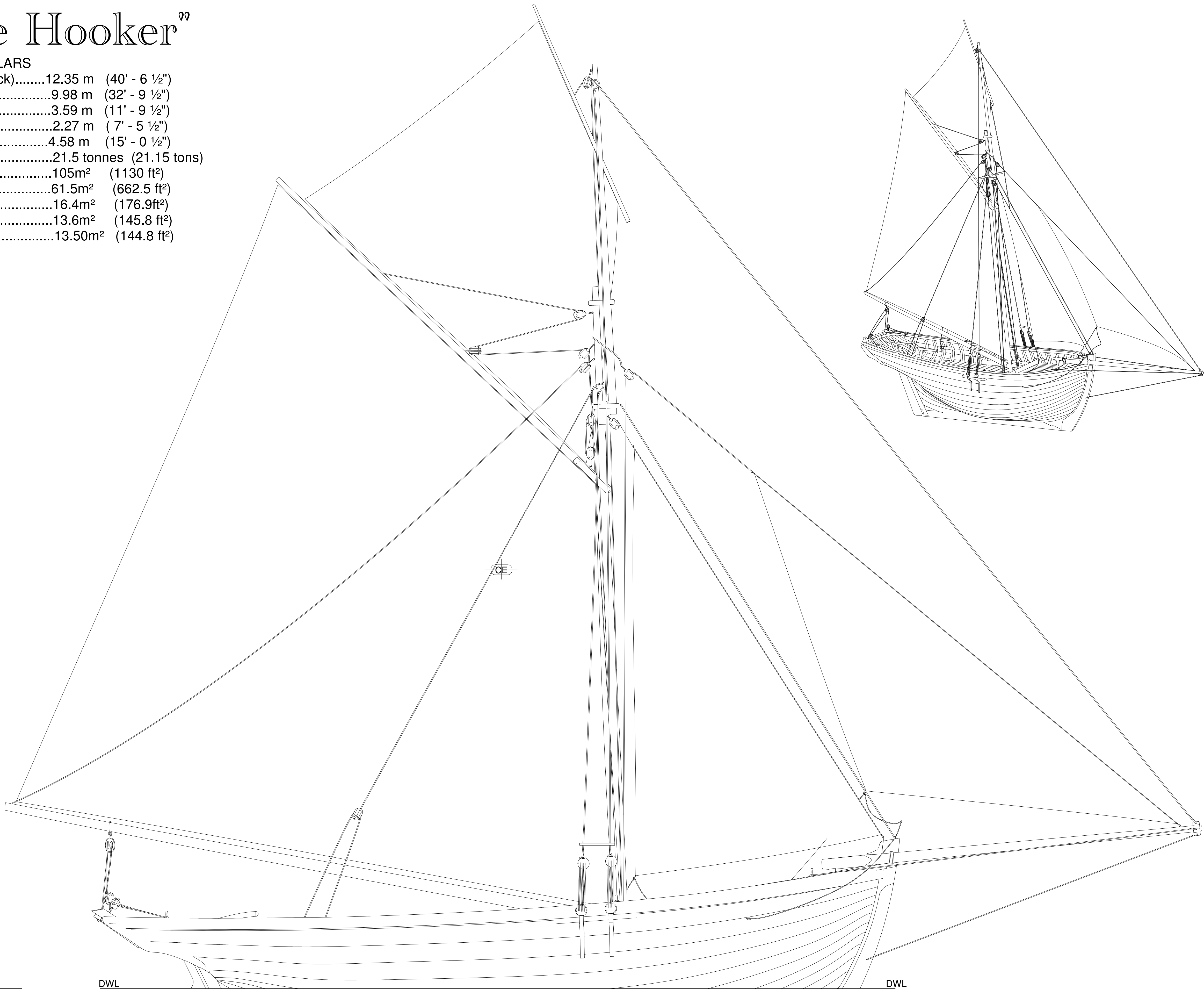
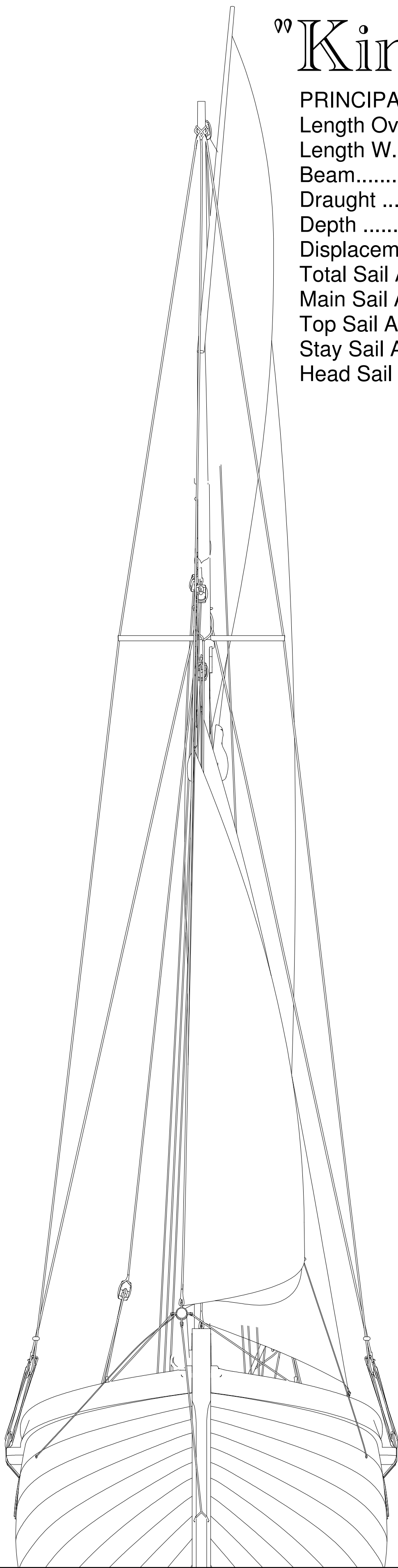
CP.....0.579    AWP.....25.195 m² (271.2 ft²)    WSA.....45.072 m² ( 485.15 ft²)    LCB.....51%    258 kg/cm (1448 lbs/in)    Ballast & Cargo.....12.9 tonnes (12.69 tons)



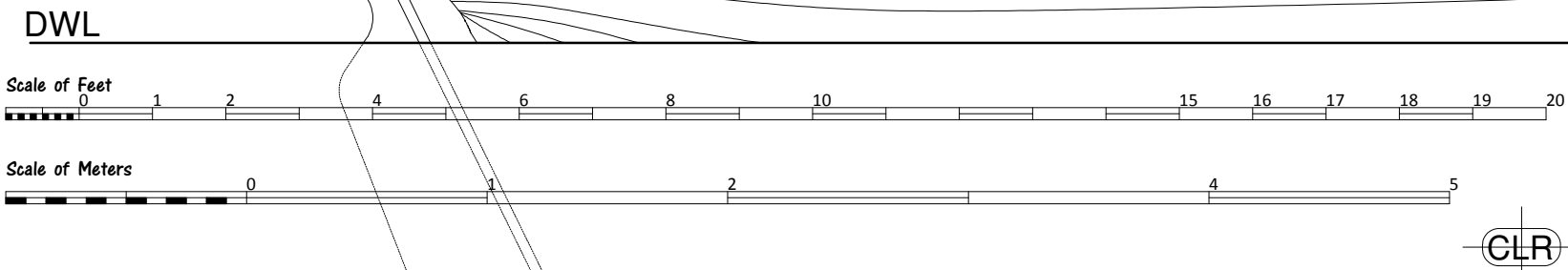
# “Kinsale Hooker”

## PRINCIPAL PARTICULARS

Length Overall (On Deck).....12.35 m (40' - 6 ½")  
Length W.L.....9.98 m (32' - 9 ½")  
Beam.....3.59 m (11' - 9 ½")  
Draught .....2.27 m ( 7' - 5 ½")  
Depth .....4.58 m (15' - 0 ½")  
Displacement.....21.5 tonnes (21.15 tons)  
Total Sail Area.....105m<sup>2</sup> (1130 ft<sup>2</sup>)  
Main Sail Area.....61.5m<sup>2</sup> (662.5 ft<sup>2</sup>)  
Top Sail Area.....16.4m<sup>2</sup> (176.9ft<sup>2</sup>)  
Stay Sail Area.....13.6m<sup>2</sup> (145.8 ft<sup>2</sup>)  
Head Sail Area.....13.50m<sup>2</sup> (144.8 ft<sup>2</sup>)



NOTES  
This lines which are the basis for this drawing were produced  
by 3D laser scanning the National Museum Model



## SAIL PLAN

CP.....0.579 AWP.....25.195 m<sup>2</sup> (271.2 ft<sup>2</sup>) WSA.....45.072 m<sup>2</sup> ( 485.15 ft<sup>2</sup>) LCB.....51% 258 kg/cm (1448 lbs/in) Ballast & Cargo.....12.9 tonnes (12.69 tons)

## Traditional Boats of Ireland Project

DRAWN **P. Tanner**  
DRAWING NUMBER **4a**  
MODEL UNITS **Meters**

DATE **12/10/2011**  
SHEET **4 of 4 - A1**  
SCALE **1 : 30**