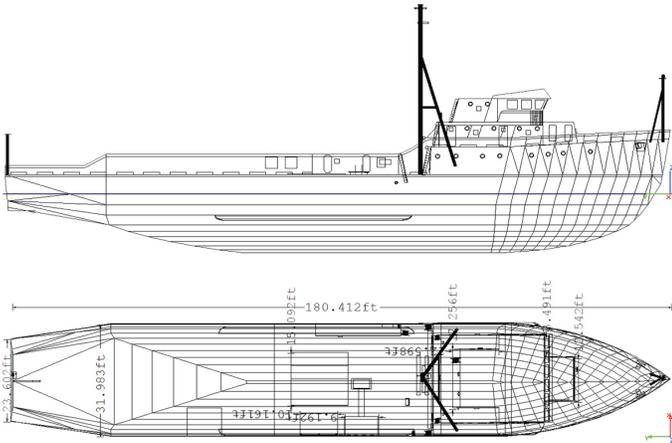


Deck Lighting Simulation & Design Services

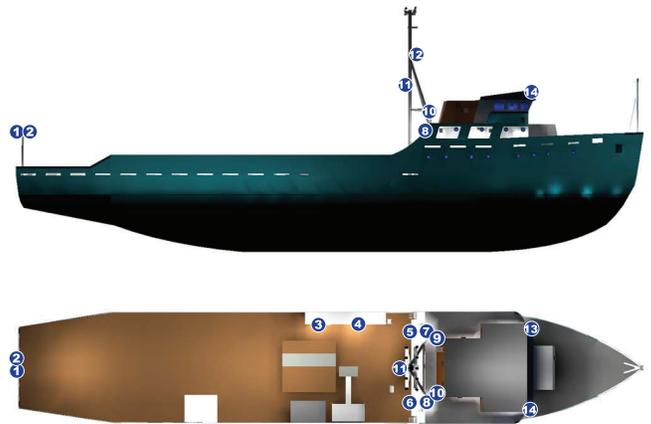
STEP 1: 2D BLUEPRINT

Imtra begins project by requesting 2D ship drawings, defining the application, researching luminous flux requirements, and detailing customer preferences.



STEP 2: 3D MODEL

Using customer supplied drawings, Imtra and Vision X work on creating a 3D Model that matches the drawing specifications. The model is then carried over to the rendering.



STEP 3: SIMULATION RENDER

The Vision X engineering team creates a simulation rendering of the intended result to help envision if the final product will meet customer requirements and expectations.

Simulation Color Side View



Simulation Color Front View



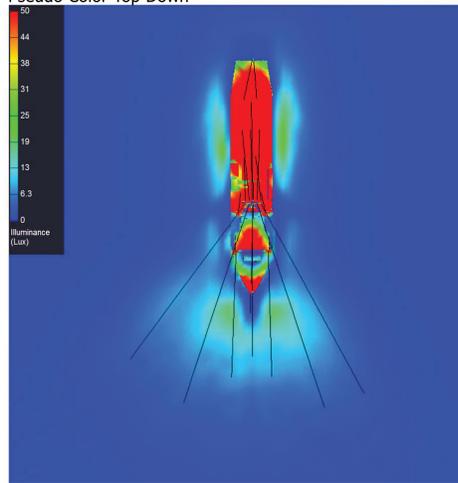
Simulation Color Rear View



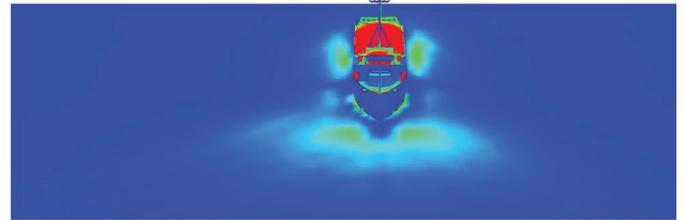
STEP 4: SOLUTION

Imtra creates a complete breakdown of what the customer needs to meet their specific requirements in terms of performance and safety.

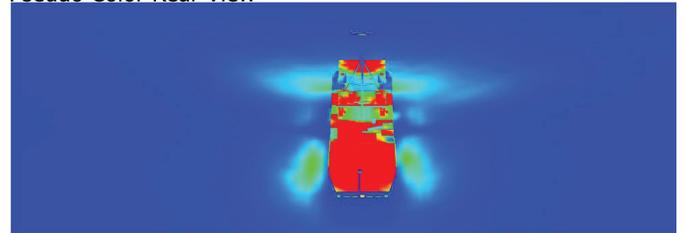
Pseudo Color Top Down



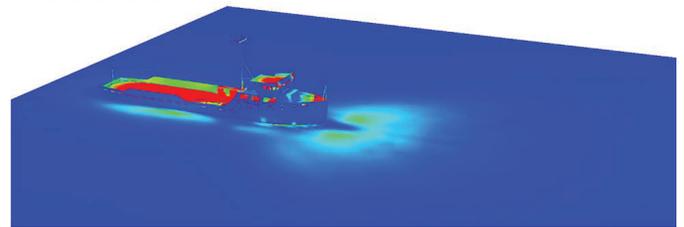
Pseudo Color Front View



Pseudo Color Rear View



Pseudo Color Side View



Fitout No.	Part No.	Orientation	Side	Position	Comments
1	ILBMB07025	Aft Facing	Starboard	Stern Pole	Set at 20dg to Stb
2	ILBMB07025	Aft Facing	Port	Stern Pole	Set at 20dg to Port
3	ILBMB07093065	Port Facing	Port	Cabin House Brow	Side deck illumination
4	ILBMB07093065	Port Facing	Port	Cabin House Brow	Side deck illumination
5	ILBMB070560	Aft Facing	Port	Aft Cabin Bulkhead	Courtesy/Safety Lighting
6	ILBMB070560	Aft Facing	Starboard	Aft Cabin Bulkhead	Courtesy/Safety Lighting
7	ILBMB071260	Port Facing	Port	Aft Cabin Under Brow	Docking Light
8	ILBMB071260	Starboard Facing	Starboard	Aft Cabin Under Brow	Docking Light
9	ILBMB072060	Aft Facing	Port	Radar Post - Lower Level	Mid Deck Working
10	ILBMB072060	Aft Facing	Starboard	Radar Post - Lower Level	Mid Deck Working
11	ILPM05B6040PSE	Aft Facing	Centerline	Radr Post - Upper	Main Deck Working
12	ILPM05B6010PSE	Fwd Facing	Centerline	Radar Post - Upper	Searchlight
13	ILBMB071240	Fwd Facing	Port	Bridge Brow	Fwd Deck Working
14	ILBMB071240	Fwd Facing	Starboard	Bridge Brow	Fwd Deck Working

