



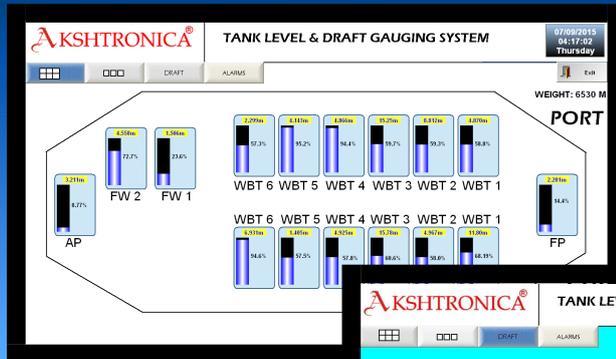
AKSHAY CONTROLS & SYSTEMS PVT. LTD.

Marine Electronics, Controls & Automation

Mumbai

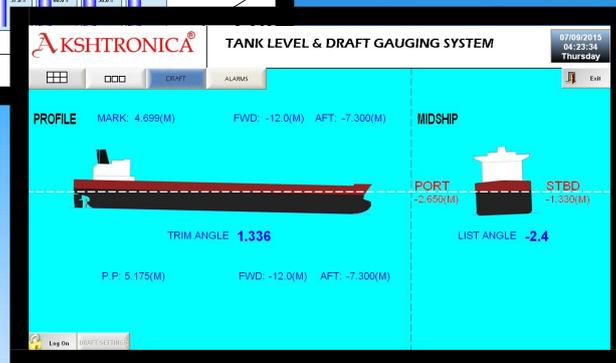
Vizag

Kochi



PAN INDIA 3000

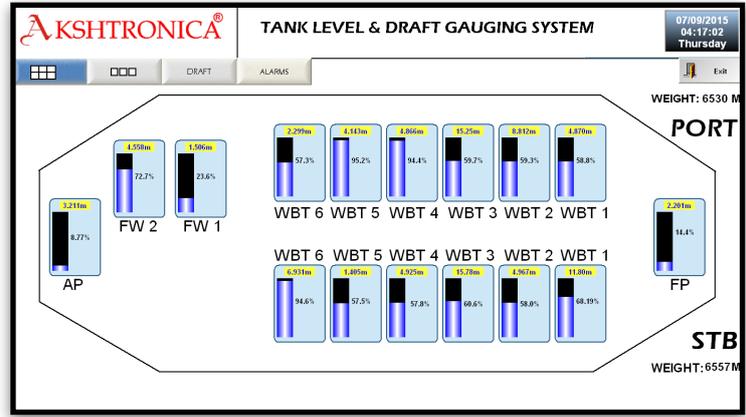
Gauge the next level



- Real time monitoring of level, volume and weight of a number of tanks as per requirement
- Suitable for all shipboard tanks, also monitoring and correction of other parameters such as trim and list.
- View live status of all tanks on one screen arranged in a fashion that mirrors the tanks actual location on the vessel
- Displays weight distribution of tanks on port and starboard side of vessel
- High level and low level warnings with custom set points

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S A T I S F I E D C L I E N T S

Pan India 3000 is a simple to operate, enhanced graphic display software package capable of providing the user the current status of all inputs for a complete tank gauging solution. Its main feature aside its aesthetic simplicity is its customisability which can be made suitable to any requirement.



Graphical representation makes it easy to grasp information

All tanks on one screen

Pan India 3000 is designed on the foundation of perceiving vast amounts of information at a glance, like the total weight in tonnes on the port and starboard side of the vessel is depicted on the right side of the main screen.

Details are just a click away

To view further details on any tank such as volume, weight and capacity, simply click on the desired tank and a tank detail view page will open.

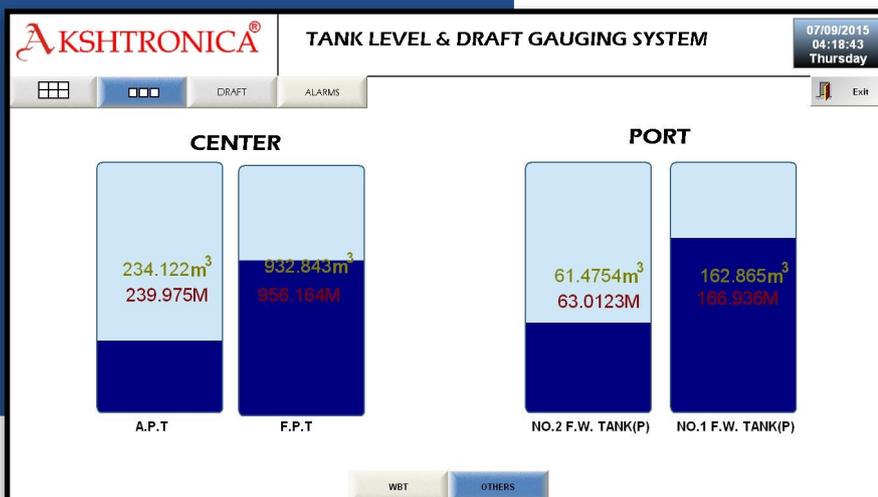
The input data is collected from a variety of measurement sources including hydrostatic pressure transmitter using Modbus serial protocol. Each input can be individually configured on screen for scaling and settings other parameters such as specific gravity and alarm set points.

83.12%

Volume : 629.51 m³

Weight : 645.25 T

Capacity : 981.43 m³



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Complex structures demand complex modelling.

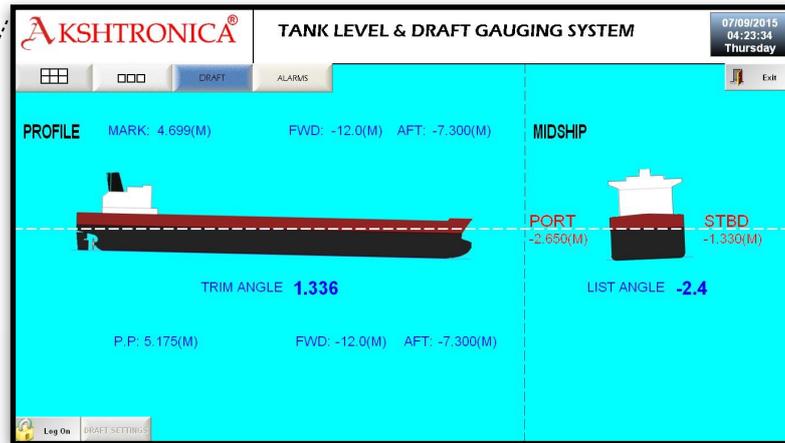
Due to the non standard shapes of tanks, a direct linear relationship cannot be established between height of the liquid obtained to volume needed to calculate the weight.

Moreover the trim of the vessel has a consequential effect on the obtained height of the liquid.

Thus considering all these factors, a complex mathematical modelling and analysis is studied which gives us a higher order polynomial relationship between height and volume to near incredible precision.



Trim and List. Don't just feel it, see it.



One of the key features of Pan India 3000 is its ability to elegantly depict the trim and list of the vessel along with its respective angles with the horizontal in real time.

Pan India 3000 is available in a variety of screen sizes and aspect ratios as per requirement and is also available with an optional HD widescreen touch screen interface as well.

PAN INDIA 3000

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