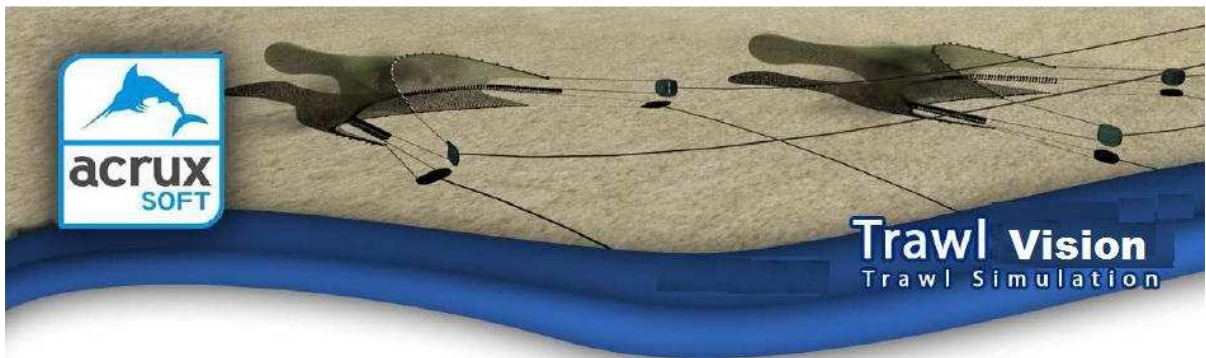


TRAWLVISION

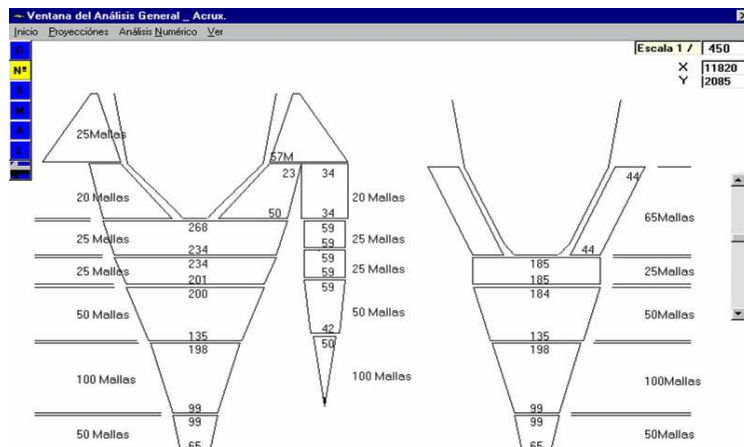
In order to perform and to anticipate the net setting, the exclusive new "TRAWLVISION" software brings new vision and knowledge to the skipper. He can adjust net gear according to the TRAWLVISION recommendations and increase catch while reducing fuel consumption. Our ACRUXSOFT Partner propose its technology and 40 years know how in trawl net and net gear setting experience, offering an easy to use skipper tool.



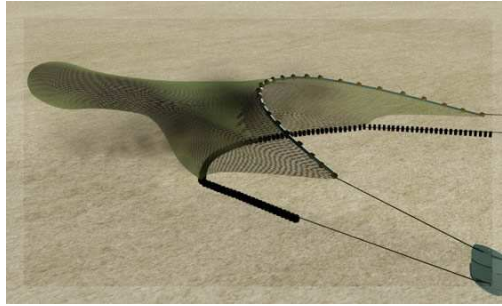
"The work of several days, done in a few minutes"

TRAWLVISION contains versatility in network design, in order to generate all kinds of trawl models, including bottom and pelagic European designs. It brings exclusive functionalities to the skipper to perform his net gear management.

It integrates both analysis of forces and geometry of the system. Then the trawl net design is assisted by TRAWLVISION, according the skipper expectations and requirement



Simulation the behaviour of fishing gear in real time, including all the trawl system.



Analyze information and evaluate the results suggesting corrections if necessary, according with pre programmed parameters depending of the fishing ground and local experiences.

Generate a database, permitting to enhance the catch techniques trough the correct interpretation of the collected information, which can be analyzed later to evaluate it efficiency, looking for lower costs, better times, and reduced unproductive outings.

This allows the captain to adjust his gear and increase it efficiency combining the, previous calculations and the experience at sea. It is important that the database used for this purpose works in a friendly way.



Using virtual cameras it will show the fishing gear from all possible angles in a 3D image, even working in depths up to 2000 meters including minimum details.

The system screen will "show the inaccessible", as under water the complete gear has a total length above 1000 meters when it works. Showing the complete gear

shape in real time, many errors can be detected and fixed speeding the optimization process.

Today this work is made measuring the catch performance after the trawling stage, that is very expensive and inaccurate.

Examines the bollard pull of the vessel and the forces acting in the fishing gear system (trawl doors, fishing nets, and warp length), etc.

In order to achieve a hydrodynamic balance in different situations. This option is of great value to optimize the energy consumed during towing operation.