



A user-friendly application to monitor, record and manage work and rest hour rules at sea

WORK • AND • REST • HOURS

Shipping is a 24/7 industry with ships' crews having to work around the clock to operate the ship both at sea and in port.

It is a fact that long work hours and short rest periods may cause fatigue which can result in progressive decline of performance, loss of energy and even slowed movements and reactions.

With the entry of the 2010 Manila amendments to the STCW Convention and the ratification of the 2006 Maritime Labour Convention (MLC 2006), Port State Control will invariably pay increasing attention to ensuring compliance with the requirements for Seafarers rest hours.

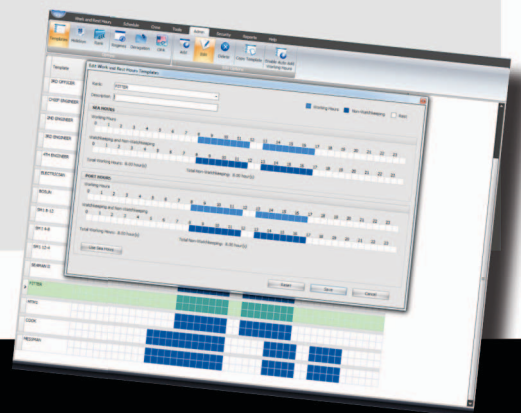
The Work and Rest Hour application (WRH) is designed to monitor and prevent eventual non-conformance with STCW and MLC rest hours regimes and produces reports in accordance with the STCW standard that can be presented to Port State Control.

Some exemptions to rest hour regimes are allowed under certain conditions and National administrations are also allowed to implement national rest hour exemptions. WRH, produced and maintained by Spectral Technologies Inc., can apply existing exemptions, which can also be further adapted to cater to future national exemption rules, as and when circumstances dictate. WRH can also be set to monitor rest hours in compliance with OPA 90.

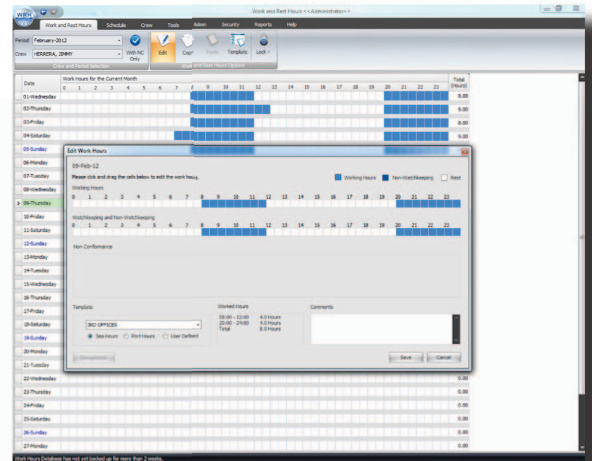
WRH is easy to set up and crew work hours are added by either the crews themselves or by their supervisors in a user-friendly graphic environment. WRH will promptly and in real time warn users if any non-conformance is occurring.

KEY FEATURES of WRH

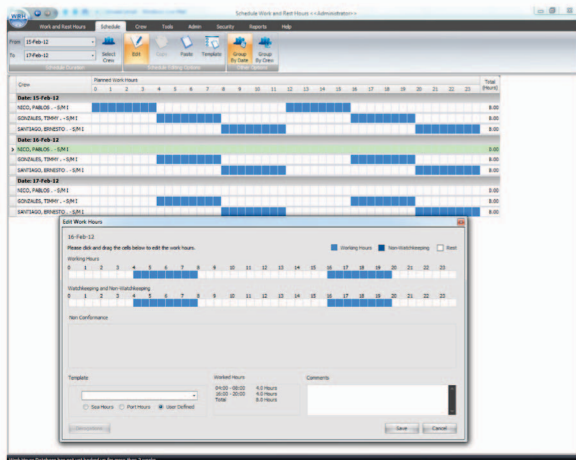
- Monitor compliance with rules for work and rest hours in accordance with STCW Code Section A-VIII/1 *Fitness for duty*, MLC 2006 Regulation 2.3 *Hours of work and hours of rest* and OPA 90
- Three levels of users - Administrator, Crew Supervisor & Crew
- Facility to add and edit ranks
- Facility to add and edit public holidays
- Facility to add and edit crew
- Facility to add and edit work hour templates
- Facility to add and edit work hours
- Built in monitoring of rest hour violations
- Facility to add and edit future work hours
- Six built in reports
- Can be networked
- Built-in easy to use back up system
- All reports can be generated as .pdf .xls and .rtf files



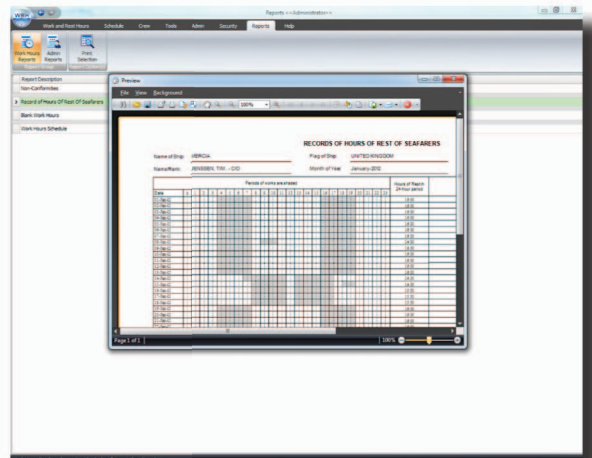
Work hours are easily entered with a mouse and can be copied direct from the pre-prepared templates or added manually.



Work hour templates are set up and assigned to ranks, the work hours in the templates are used to enter work hours for the crew onboard and to produce the Shipboard Working Arrangement Report



WRH has a special interface page to plan and enter future work hours and a report can also be printed listing planned future work for selected groups of crews.



WRH has six built in reports which include Crew Monthly Work Hours and a Non-Conformance Report. All reports can be output as rtf, pdf and xls files.

WRH is produced and serviced by Spectral Technologies Inc.