

ECDIS

Standard Settings & Alarm Parameters

ECDIS is a powerful navigation tool, which when used correctly, enables near real-time monitoring of the navigational situation and the vessel's progress against the planned passage. However, the system is only as good as the information and settings within it. **ECDIS can never replace good seamanship and proper watchkeeping!**

To ensure that the system is being operated in a safe and effective manner the following are considered to be the standard settings that are to be used in the various navigation profiles shown below.

A Depth Monitoring

	Alarm Settings in all Operational Areas
Shallow Contour	Next charted contour below the Maximum Draft*
Safety Depth	Maximum Draft + UKC Policy
Safety Contour	Next charted contour below the Safety Depth**
Deep Contour	Next charted contour below the Safety Contour, but not less than 20m
<ul style="list-style-type: none"> • "Shallow Pattern", where areas inside the safety contour are hatched/shaded, should not be selected as there is a risk the shading will obscure objects of importance in the shaded area. • It is recognised that when entering and leaving port, there will be times when the vessel crosses the Safety Contour. This needs to be planned for during Passage Planning, and it may be necessary to implement additional safeguards to protect against alarm fatigue and to ensure the safety of navigation. 	
* For example: max draft 7m, next charted contour 10m. This may be the same value as the Safety Contour value.	
** For example: Safety Depth 7.7m, next charted contour 10m.	

B Chart Information

	Settings in all Operational Areas
Layers	CUSTOM (See Below)
The following information categories must be selected (as a minimum):	
<ul style="list-style-type: none"> • All Depth contours • Cables, Pipelines • Isolated Dangers • Names • Buoys Names • Spot Soundings to: (enter value, to be at least the value of the Deep Contour) 	
In ENC options, the following are to be selected:	
<ul style="list-style-type: none"> • Four Shades • Non-Active Objects • National Names (unless this setting has the potential to obstruct navigational features) • Shallow Danger 	
At any time the "STANDARD" display may be used, however the OOW must ensure that the standard display includes all of the above features.	

C Track Monitoring

	Sea Passage	Coastal Passage	Pilotage
XTD Alarm	1'	0.5'	Masters Discretion
WPT/WOL Approach	12mins	6mins	minimum 30secs

If the vessel is operating outside the above navigation profiles, then the Master must ensure that the ECDIS is set up in a manner appropriate to the prevailing conditions.