

TECDIS USER GUIDE AMENDMENT ALERTS

TECDIS is equipped with an advanced alert system compliant with the latest standards for bridge alert management. TECDIS version 4.8.3.6 introduced several changes to this alert system, and this user guide amendment describes the current alert features in TECDIS.

This amendment supersedes all information related to alerts in TECDIS User Guide 1.00 section 4 and TECDIS Reference Manual 4.00 section 4.5.

Alerts and icons

Alerts in TECDIS follow the principles of maritime alert management, and they are divided into categories and priorities.

TECDIS presents alerts with standardized icons showing the priority and state of each alert. These icons are also explained in this section.

Categories

Alerts are divided into categories A, B and C.

Category	Description			
A	Alerts where information at a task station directly assigned to the function			
	generating the alert is necessary, as decision support for the evaluation of			
	the alert-related condition.			
В	Alerts where no additional information for decision support is necessary			
_	besides the information which can be presented at centra alert			
	management (CAM) user interfaces.			
С.	Alerts that cannot be acknowledged on the bridge but for which			
	information is required about the status and treatment of the alerts			

All alerts presented in TECDIS belong to category A or B.

Priorities

Alerts are divided into three priorities:

Priority	Icon	Description
Alarm	A	Conditions requiring immediate attention and action by the bridge team to avoid any kind of hazardous situation and to maintain the safe operation of the ship; and
		Escalation required as alarm from an unacknowledged warning Alarms are presented with red color and triangle shaped icons.
Warning	•	Conditions or situations which require immediate attention for precautionary reasons, to make the bridge team aware of conditions which are not immediately hazardous, but may become so. Warnings are presented with orange color and circle shaped icons.
Caution	!	Awareness of a condition which still requires attention out of the ordinary consideration of the situation or of given information. Cautions are presented with yellow color and square shaped icons.

States

Once an alert condition occurs in TECDIS, the corresponding alert is raised and presented. The alert remains presented as long as the alert condition is present. When the alert condition is no longer present, alarms and warnings continue to be presented until the alert has been acknowledged by an operator, either on TECDIS or via a CAM user interface. Cautions require no acknowledgement and are only shown as long as the condition for the caution is present. Only alerts in the Active Unacknowledged state are sounded.

While the alerts are presented, they may have the following states.

Priority	Icons	Description			
Active Unacknowledged	A •	The alert condition is present and the alert has not been acknowledged.			
	Flashing	Alarms in this state are sounded with 3 short beeps every 10 seconds.			
		Warnings in this state are sounded with 2 short beeps every 60 seconds or 4.8 minutes (configurable in the 'Safe' menu)			
Active Silenced	A U	The alert condition is present and the alert has not been acknowledged. The alert has been silenced from a CAM user interface.			

Rectified Unacknowledged



Flashing

The alert condition is no longer present, but the alert has not yet been acknowledged.

Active Acknowledged



The alert condition is still present, but the alert has been acknowledged by an operator.

Active Responsibility transferred



The alert condition is still present, but other bridge alert management equipment with additional system knowledge has taken over (see below).

Responsibility transfer

The latest standards for bridge alert management have introduced measures for reduction of the number of high-priority alerts presented on the bridge. The standards recognize that a system may have knowledge about the context of some alert(s) of another system(e.g. that a back-up option has been automatically engaged to mitigate the problem). Such a system may want to tell other equipment to cease its priority request for operator attention, and raise an alert with a lower priority instead. In that case, it may apply the "responsibility transfer" option to inform the alerting system that the alert is replaced by a more suitable alert to the operator, warranting a request to change the associated alert state to "active – responsibility transferred", which essentially embodies an auto-acknowledge (with safeguard).

The result of responsibility transfer has the following aspects:

- it causes a more appropriate (lower) level of operator distraction (no immediate action required), reflecting the system's ability in assisting the operator automatically;
- it causes an alert message with better guidance to the operator ("back-up in use", instead of persistent presentation of a problem that has already been mitigated); and
- it prevents, using the insignificant delay of alerts of which the responsibility could be transferred, unnecessary announcement of the original alert.

TECDIS permits responsibility transfer for all alarms and warnings.

When an alarm or warning is raised, the alert is communicated to connected BAM-compliant equipment immediately. The presentation of the alert in TECDIS is delayed by 3-5 seconds, giving the connected equipment time to evaluate whether it should take responsibility for the alert. If responsibility transfer takes place, the alert is presented in TECDIS with the state Active – Responsibility Transferred.

If contact with the external equipment is lost before the alert condition is rectified, the alert will return to the state Active – Unacknowledged within 2 minutes.

Alert presentation and controls

Alerts are presented in three main ways, all in the lower right part of the TECDIS display:

- 1. Alert counters
- 2. Alert field
- 3. Alert list

Alert counters

The number of alerts that currently have been raised (or have not yet been acknowledged) are shown as separate counts of alarms, warnings and cautions in the bottom right corner of the display at all times.



Alert field

The alert field is located immediately above the alert counters. This field presents the alert that currently has the highest display priority (see below). The alert field display text for the alert is shown, along with the icon showing both the alert priority and state (see above). Alarms are presented with red color, warnings with orange color, and cautions with yellow color. If the alert has not yet been acknowledged, the alert icon will flash.

The alert shown here is the next alert that will be acknowledged (see below).

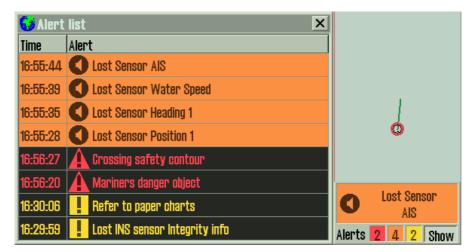
If there are no alerts, the alert field is displayed as empty with gray (day palette) or black (other palettes) background.

Also note, that if all alerts have been acknowledged, and the highest display priority alert is a warning or caution, the alert field will display the highest priority alert 30 seconds after each change to the alert. If none of the warnings or cautions have changed for 30 seconds, the alert field is cleared.



Alert list

The alert list is displayed by pressing the 'Show' button next to the alert counters, in the bottom right corner of the display.

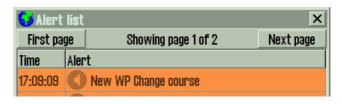


When acknowledging multiple alerts, the alert list may also be automatically displayed.

The alert list shows the up to 20 of the present alerts at one time, in order of alert display priority. For each, the time of last change, the alert icon and the alert description is shown.

Any alerts that have not yet been acknowledged are shown with a colored background in the alert list (red for alarms, orange for warnings), while cautions and acknowledged alerts are presented with a black background.

If more than 20 alerts are present, the alert list is split into pages. The following controls are shown above the alert list, allowing inspection of the following page(s) of alerts or return to the start with a single click.



Alert display priority

Alerts are presented in both the alert list and the alert field in the following order (highest priority first):

- 1. Active unacknowledged and silenced alarms
- 2. Active unacknowledged and silenced warnings
- 3. Rectified unacknowledged alarms
- 4. Rectified unacknowledged warnings
- 5. Active acknowledged alarms
- 6. Active responsibility transferred alarms
- 7. Active acknowledged warnings
- 8. Active responsibility transferred warnings
- 9. Active cautions



Within each of these categories, the alerts are sorted with the most recently changed alerts on top.

Acknowledging alerts

Alerts can be acknowledged in several ways:

- Clicking the alert field will acknowledge the highest priority alert (i.e. the alert displayed there).
- Pressing space bar on the keyboard, or the alert acknowledge key on the function keypad also acknowledges the highest priority alert.
- Category B alerts may be acknowledged on a connected CAM user interface.
- Left clicking in the chart display when a single alert is unacknowledged will acknowledge this alert.
- Left clicking in the chart display when multiple unacknowledged alerts are present will bring up the alert list. When the alert list is visible, each following click will acknowledge the topmost alert on the list. Once all alerts have been acknowledged, the next click closes the alert list again.

List of alerts

This section lists all alerts that may be presented by TECDIS. For each alert, the list includes the priority, category, alert field display, alert list description text if different, reasons for the alert, any special behavior of the alert, and applicable advice.

TECDIS permits responsibility transfer for all the listed alarms and warnings.

With one exception (Anchor watch), all the listed warnings are repeated as warnings after either 60 seconds or 4.8 minutes, depending on configuration in the 'Safe' menu.

Alarms

Anchor Watch	Priority: Alarm Category: A				
Reasons:	The anchor watch feature is active, part of the ship outline has been outside the anchor watch				
	limit and the warning raised for this was not acknowledged within 2 minutes while the ship				
	outline remained outside the limit.				
Special behavior:	If the anchor watch feature is switched off, the alarm is removed immediately.				
Advice:	Attend to the anchor watch feature and assess the situation. Adjust anchor watch settings if				
	needed.				
Crossing Safety Co	ntour Priority: Alarm Category: A				
Reasons:	Chart objects shallower than the Safety Contour setting inside the look-ahead area.				
Advice:	Attend to charts at the ships position and assess the situation. While the alert is active and				
	acknowledged, ensure that other means are used for grounding avoidance.				
Mariners Danger O	bject Priority: Alarm Category: A				
Reasons:	Mariner entered danger objects inside the look-ahead area.				
Advice:	Attend to the mariner entered objects at the ships position and assess the situation.				
Vessel OFF TRACK	Priority: Alarm Category: A				
Reasons:	Route monitoring is active, and the vessel has moved outside the planned cross-track limits.				
Special behavior:	If route monitoring is switched off, the alarm is removed immediately.				
Advice:	Attend to the monitored route at the ships position and assess the situation.				

Warnings

Anchor Watch	Priority: Warning Category: A			
Reasons:	The anchor watch feature is active, part of the vessel outline has been outside the anchor			
	watch limit			
Special behavior:	Escalates to alarm after 2 minutes if not acknowledged and the ships outline remains outside			
	the anchor watch limit.			
Advice:	Attend to the anchor watch feature and assess the situation. Adjust anchor watch settings if			
	needed.			
Antigrounding off	Updating charts Priority: Warning Category: B			
Reasons:	A chart database selected for display is being updated and is not monitored for chart dangers.			
Advice:	Attend to the chart display and other means used for grounding avoidance. Abort the chart			
	updating process if needed.			
Area with special	conditions Priority: Warning or Caution Category: A			
Alert list text:	Chart area: <chart class="" name="" object=""></chart>			
Reasons:	The look-ahead area has intersected with the boundary of a chart area for which special			
	conditions exists.			
Special behavior:	Priority is warning if configured in the 'Safe' menu, 'Caution' otherwise.			

	Attend to the chart area for which the alert was raised (click the alert in alert list).
Critical Route Poir	<u> </u>
Alert list text:	Critical point at WP x
Reasons:	The ship has moved closer to a waypoint configured as a critical route point than the
	configured limits for the critical point.
Special behavior:	If route monitoring is switched off, the warning is removed immediately.
Advice:	Attend to route monitoring and the critical point for which the alert was raised.
Final WP Passed	Priority: Warning Category: A
Reasons:	Waypoint alerts are activated in the 'Safe' menu, and the ship has moved past the final
	waypoint of a route being monitored.
Special behavior:	If route monitoring is switched off, the warning is removed immediately. This alert is optional
	(configured in the 'Safe' menu).
Advice:	Attend to the chart display at the ships position.
Invalid datum Pos	ition 1 Priority: Warning Category: B
Reasons:	The position sensor configured as primary is reporting a datum other than WGS84 for the
	position provided.
Advice:	Attend to the position sensor and reconfigure for WGS84 datum if possible. Switch to
	secondary position source if available.
Invalid datum Pos	ition 2 Priority: Warning Category: B
Reasons:	The position sensor configured as secondary is reporting a datum other than WGS84 for the
	position provided.
Advice:	Attend to the position sensor and reconfigure for WGS84 datum if possible. Switch to primar
	position source if available.
Lost chart synchro	nization link Priority: Warning Category: B
Reasons:	The link used by TECDIS to transfer chart updates applied on one system to the other(s) on
	board is not operational.
Advice:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI
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Advice: Lost Monitor and I Alert list text:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed.
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Lost Monitor and I Alert list text:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. Duzzer Priority: Warning Category: B Lost monitor control and alert buzzer
Lost Monitor and I Alert list text: Reasons:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. DUZZET Priority: Warning Category: B Lost monitor control and alert buzzer The TECDIS unit is not receiving feedback from the connected monitor over the control link.
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Lost Monitor and I Alert list text: Reasons: Advice: Lost network link Reasons: Advice: Lost sensor AIS Reasons:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. Duzzer Priority: Warning Category: B Lost monitor control and alert buzzer The TECDIS unit is not receiving feedback from the connected monitor over the control link. Refer to troubleshooting documentation. Check the connections between the TECDIS processing unit and the monitor. Verify whether audible signals are given by alerts or not. Ensure that attention to TECDIS alerts is maintained at a high level if no audible signals are given. Contact your TECDIS supplier for assistance if needed. Bother ECDIS Priority: Warning Category: B The link used by TECDIS to exchange sensor data, routes and mariner notes is not operational Refer to troubleshooting documentation. Check the connections between the TECDIS units. Use alternate means for exchanging routes and mariner notes between the TECDIS units. Contact your TECDIS supplier for assistance if needed. Priority: Warning Category: B
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Lost Monitor and I Alert list text: Reasons: Advice: Lost network link Reasons: Advice: Lost sensor AIS Reasons:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. **Duzzer** Priority: Warning Category: B **Lost monitor control and alert buzzer** The TECDIS unit is not receiving feedback from the connected monitor over the control link. Refer to troubleshooting documentation. Check the connections between the TECDIS processing unit and the monitor. Verify whether audible signals are given by alerts or not. Ensure that attention to TECDIS alerts is maintained at a high level if no audible signals are given. Contact your TECDIS supplier for assistance if needed. **To other ECDIS** Priority: Warning Category: B The link used by TECDIS to exchange sensor data, routes and mariner notes is not operational Refer to troubleshooting documentation. Check the connections between the TECDIS units. Use alternate means for exchanging routes and mariner notes between the TECDIS units. Contact your TECDIS supplier for assistance if needed. **Priority: Warning Category: B TECDIS is no longer receiving data from the AIS unit. Check the AIS unit and the connection between TECDIS and the AIS. Refer to troubleshooting.
Lost Monitor and I Alert list text: Reasons: Advice: Lost network link Reasons: Advice: Lost sensor AIS Reasons: Advice:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. **Duzzer** Priority: Warning Category: B **Lost monitor control and alert buzzer** The TECDIS unit is not receiving feedback from the connected monitor over the control link. Refer to troubleshooting documentation. Check the connections between the TECDIS processing unit and the monitor. Verify whether audible signals are given by alerts or not. Ensure that attention to TECDIS alerts is maintained at a high level if no audible signals are given. Contact your TECDIS supplier for assistance if needed. **Eto other ECDIS** **Priority: Warning Category: B** The link used by TECDIS to exchange sensor data, routes and mariner notes is not operational Refer to troubleshooting documentation. Check the connections between the TECDIS units. Use alternate means for exchanging routes and mariner notes between the TECDIS units. Contact your TECDIS supplier for assistance if needed. **Priority: Warning Category: B** TECDIS is no longer receiving data from the AIS unit. Check the AIS unit and the connection between TECDIS and the AIS. Refer to troubleshooting documentation. Ensure that attention to targets is maintained via other systems. Contact you service supplier for assistance if needed.
Lost Monitor and I Alert list text: Reasons: Advice: Lost network link Reasons: Advice: Lost sensor AIS Reasons:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. **Duzzer** Priority: Warning Category: B **Lost monitor control and alert buzzer** The TECDIS unit is not receiving feedback from the connected monitor over the control link. Refer to troubleshooting documentation. Check the connections between the TECDIS processing unit and the monitor. Verify whether audible signals are given by alerts or not. Ensure that attention to TECDIS alerts is maintained at a high level if no audible signals are given. Contact your TECDIS supplier for assistance if needed. **Roother ECDIS** **Priority: Warning Category: B** The link used by TECDIS to exchange sensor data, routes and mariner notes is not operational Refer to troubleshooting documentation. Check the connections between the TECDIS units. Use alternate means for exchanging routes and mariner notes between the TECDIS units. Contact your TECDIS supplier for assistance if needed. **Priority: Warning Category: B** TECDIS is no longer receiving data from the AIS unit. Check the AIS unit and the connection between TECDIS and the AIS. Refer to troubleshooting documentation. Ensure that attention to targets is maintained via other systems. Contact your service supplier for assistance if needed.
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Lost Monitor and I Alert list text: Reasons: Advice: Lost network link Reasons: Advice: Lost sensor AIS Reasons: Advice:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. **DUZZEF** Priority: Warning Category: B **Lost monitor control and alert buzzer** The TECDIS unit is not receiving feedback from the connected monitor over the control link. Refer to troubleshooting documentation. Check the connections between the TECDIS processing unit and the monitor. Verify whether audible signals are given by alerts or not. Ensure that attention to TECDIS alerts is maintained at a high level if no audible signals are given. Contact your TECDIS supplier for assistance if needed. **Eto other ECDIS** Priority: Warning Category: B The link used by TECDIS to exchange sensor data, routes and mariner notes is not operational. Refer to troubleshooting documentation. Check the connections between the TECDIS units. Use alternate means for exchanging routes and mariner notes between the TECDIS units. Contact your TECDIS supplier for assistance if needed. **Priority: Warning Category: B TECDIS is no longer receiving data from the AIS unit. Check the AIS unit and the connection between TECDIS and the AIS. Refer to troubleshooting documentation. Ensure that attention to targets is maintained via other systems. Contact your service supplier for assistance if needed. **Priority: Warning or Caution Category: B TECDIS is no longer receiving sensor data from the primary heading sensor. Priority is Caution if the other heading sensor is operational, and Warning if no other heading sensor is available.
Lost Monitor and I Alert list text: Reasons: Advice: Lost network link Reasons: Advice: Lost sensor AIS Reasons: Advice: Lost sensor Headi Reasons: Special behavior:	Apply chart updates to all TECDIS units on board. Check the connections between the TECDI units. Refer to troubleshooting documentation and contact your TECDIS supplier for assistance if needed. **DUZZEF*** Priority: Warning Category: B **Lost monitor control and alert buzzer** The TECDIS unit is not receiving feedback from the connected monitor over the control link. Refer to troubleshooting documentation. Check the connections between the TECDIS processing unit and the monitor. Verify whether audible signals are given by alerts or not. Ensure that attention to TECDIS alerts is maintained at a high level if no audible signals are given. Contact your TECDIS supplier for assistance if needed. **Example 1** Example

Lost sensor Headi	ing 2 Priority: Warning or Caution Category: B
Reasons:	TECDIS is no longer receiving sensor data from the secondary heading sensor.
Special behavior:	Priority is Caution if the other heading sensor is operational, and Warning if no other heading
	sensor is available.
Advice:	Check the heading sensor and the connection between the TECDIS and the heading sensor.
	Refer to troubleshooting documentation. Contact your service supplier for assistance if
	needed.
Lost sensor Position	on 1 Priority: Warning Category: B
Reasons:	TECDIS is no longer receiving sensor data from the primary position sensor.
Advice:	Check the position sensor and the connection between the TECDIS and the position sensor. I
	none of the position sensors are operational, ensure that other means such as Lines of Position
	(LOP) is used to maintain position monitoring. Refer to troubleshooting documentation and
	contact your service supplier if needed.
Lost sensor Position	on 2 Priority: Warning Category: B
Reasons:	TECDIS is no longer receiving sensor data from the secondary position sensor.
Advice:	Check the position sensor and the connection between the TECDIS and the position sensor. I
	none of the position sensors are operational, ensure that other means such as Lines of Positic
	(LOP) is used to maintain position monitoring. Refer to troubleshooting documentation and
	contact your service supplier if needed.
Lost sensor Water	r Speed Priority: Category:
Reasons:	TECDIS is no longer receiving sensor data from the water speed sensor.
Advice:	Check the water speed sensor and the connection between the TECDIS unit and the water
	speed sensor. Refer to troubleshooting documentation and contact your service supplier if
	needed.
Navigational Haza	Priority: Warning or Caution Category: A
Alert list text:	Navigational hazard. see danger list.
Reasons:	One or more navigational hazards are present within the look-ahead area.
Special behavior:	Priority is warning if configured in the 'Safe' menu, 'Caution' otherwise.
Advice:	Attend to the list of dangers and chart highlighting of dangers within the look-ahead area.
New WP Change	Course Priority: Warning Category: A
Reasons:	The wheel over line for a waypoint in the route being monitored has been passed.
Special behavior:	If route monitoring is switched off, the warning is removed immediately. This alert is optional
	(configured in the 'Safe' menu).
Advice:	Attend to the route being monitored and change course as needed.
Sounder Position	Mismatch Priority: Warning Category: B
Alert list text:	Sounder position mismatch in Setup/Sounder
Reasons:	The offset from keel configured in TECDIS Setup is different from the offset reported by the
	sounder sensor.
Advice:	Check the sounder and TECDIS Setup configuration and correct the discrepancy. Contact you
	service supplier if needed.
System Watchdog	g Offline Priority: Warning Category: B
Alert list text:	System watchdog is offline
Reasons:	The independent watchdog process on the TECDIS system is not communicating with the
	TECDIS software.
Advice:	Restart the TECDIS system. Refer to troubleshooting documentation. Contact your TECDIS
	supplier if needed.
Target Buffer Full	Priority: Warning Category: A
Alert list text:	Target buffer full reduce AIS range
Reasons:	TECDIS is receiving a higher number of targets from radars and/or AIS than the TECDIS
	system can monitor.
Advice:	Reduce the 'Active range' setting in the 'TGT' menu. Set the 'Hide sleeping AIS' filter in the
	'TGT' menu to a lower range.

Cautions

Heading differenc		Priority:	Caution	Category:	В
Reasons:	The difference between the hea	dings reported b	y the primary a	ind the seconda	ary heading
	sensor exceeds the configured li	imit.			
Special behavior:	Optional alert, configured in TEC	CDIS Setup.			
Advice:	Check the heading sensors. Refe	er to troubleshoo	ting document	ation. Contact y	our service
	supplier if needed.				
Lost INS sensor In	tegrity Info	Priority:	Caution	Category:	В
Reasons:	TECDIS is no longer receiving se	nsor integrity inf	ormation from	the INS via the	INS or position
	sensor connection (NSR sentenc	ce).			
Advice:	Check the INS system and/or the	e position sensor	s. Refer to troul	bleshooting do	cumentation.
	Contact your service supplier if r	needed.			
Lost VDR Screens	hot link	Priority:	Caution	Category:	В
Reasons:	The VDR is not confirming recep	otion of screensh	ots from the TE	CDIS unit.	
Advice:	Check the VDR and the connect	tion between TEC	CDIS and the VI	DR. Refer to tro	ubleshooting
	documentation. Contact your se	ervice supplier if r	needed.		
Refer to Navtex w	indow	Priority:	Caution	Category:	В
Alert list text:	Refer to Navtex window for full r	message list.			
Reasons:	Navtex messagages with identif	iable position inf	ormation are sh	nown in the cha	rt display. The
	alert reminds the navigator that	only the Navtex	message list co	ontains the com	plete list of
	received messages.				
Advice:	Refer to the Navtex message list	regularly to ens	ure that all rece	eived Navtex me	essages are
	attended to.				
Refer to paper cha	arts	Priority:	Caution	Category:	В
Reasons:	Non-official chart(s) are present	in the chart disp	lay.		
Advice:	Ensure that paper charts are use	ed for navigation	where official E	NCs are not av	ailable.
Refer to paper cha	arts or S52	Priority:	Caution	Category:	В
Alert list text:	Refer to paper charts or S52 pres	sentation			
Reasons:	TECDIS is configured to display o	charts with a nor	n-official presen	tation.	
Advice:	Switch to official presentation ('S	552' button in the	e 'Chart' menu)	or ensure that _l	paper charts
	are used for navigation.				
Sleeping AIS class	B filter is active	Priority:	Caution	Category:	В
Alert list text:	Sleeping AIS class B hidden (DIS	ST above x NM)			
Reasons:	The filter removing sleeping AIS	class B targets fr	om display is s	et to the range	shown in the
	alert description.				
Advice:	Maintain awareness that sleepin	ng AIS class B tar	gets with distar	nce above the s	pecified range
	are not displayed. Adjust the filte	er in the 'TGT' me	nu if needed.		
Sleeping AIS targe	et filter is active	Priority:	Caution	Category:	В
Alert list text:	Sleeping AIS targets hidden (DIS	ST above x NM)			
Aleit list text.					
Reasons:	The filter removing sleeping AIS	targets from dis	olay is		
Reasons:	The filter removing sleeping AIS Maintain awareness that sleepin			ve the specified	I range are no
Reasons:		ng AIS targets wit	h distance abo	ve the specifiec	I range are no
Reasons: Advice:	Maintain awareness that sleepin displayed. Adjust the filter in the	ng AIS targets wit	h distance abo	ve the specified	I range are no
Reasons: Advice: Target buffer Ne al	Maintain awareness that sleepin displayed. Adjust the filter in the	ng AIS targets wit FTGT' menu if ne Priority:	h distance abo eded.	•	
Reasons: Advice: Target buffer Nea Alert list text:	Maintain awareness that sleepin displayed. Adjust the filter in the r full Target buffer use > 95% Reduce	ng AIS targets wit e 'TGT' menu if ne Priority: AIS range	h distance abo eded. Caution	Category:	В
	Maintain awareness that sleepin displayed. Adjust the filter in the r full Target buffer use > 95% Reduce TECDIS is receiving close to the	ng AIS targets wit e 'TGT' menu if ne Priority: AIS range	h distance abo eded. Caution	Category:	В
Reasons: Advice: Target buffer Nea Alert list text:	Maintain awareness that sleepin displayed. Adjust the filter in the r full Target buffer use > 95% Reduce	ng AIS targets wit e 'TGT' menu if ne Priority: AIS range highest number	h distance abo eded. Caution of targets from	Category: radars and/or A	B AIS that the