List of alerts (valid for v4.8.3.9 and above)

This document provides a list of alerts generated by TECDIS, including information on category, priority and identifiers in both ALR and ALF communication modes. See note on alert Legacy mode below the alert list. Unless otherwise specified, warnings repeats (escalates) as warnings at a user specified interval of either 60s (default) or 4.8 min.

Alert interfaces

TECDIS has **one** available alert interface, which is configurable in the TECDIS Setup application via the sensor "Alarm ctrl".

The interface can be configured for IEC 61162-1 or IEC 61162-2.

Criteria for classification of alerts

The following criteria have been used for the classification of the alerts in this list.

Alarms

1. 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
2. Escalation required as alarm from not acknowledged warning.

Warnings

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.

Cautions

Awareness of a condition which still requires attention out of the ordinary consideration of the situation or of given information.

Category 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, e.g.:

1. danger of collision; and
2. danger of grounding.

Category B

Alerts where no additional information for decision support is necessary besides the information which can be presented at the CAM-HMI.

List of alerts for new ECDIS installations

This section only lists the alerts relevant for new installations of the current version of TECDIS with legacy modes disabled:

Alert	Priority	Cat.	Identifier			
			ALR	Mnemonic	ALF	Instance
Crossing safety contour	Alarm	A	257		3031	1
Critical point at WP x [6]	Warning	A	260		3038	2+
Vessel off track	Alarm	A	261		3024	1
New WP Change Course [1,6]	Warning	A	262		3028	2+
Invalid datum Position 1	Warning	B	265		3005	1
Invalid datum Position 2	Warning	B	266		3005	2
Mariners danger object	Alarm	A	267		3031	3
Heading difference limit exceeded [1]	Caution	B	268		3013	1
Final WP passed [1,6]	Warning	A	271		3028	2+
Lost monitor control and alert buzzer	Warning	B	273		3002	1
Chart area with special conditions [4]	Warning	A	524		3035	2+
Lost sensor Heading 1 [2]	Warning	B	527		3015	3
Lost sensor Heading 2 [2]	Warning	B	528		3015	4
Lost sensor Water Speed	Warning	B	529		3015	5
Lost sensor AIS	Warning	B	534		3015	6
Lost sensor Wind	Caution	B	536		3016	7
Navigational Hazard	Warning	A	538		3035	1
Lost network link to other ECDIS	Warning	B	547		3002	2
Target buffer use > 95% Reduce Ais range	Caution	B	548		3043	
Target buffer full reduce Ais range	Warning	A	549		3042	
Anchor watch	Alarm	A	283		3031	2
Anchor watch [5]	Warning	A	551		3032	2
Sounder position mismatch in Setup / Sounder	Warning	B	552		3078	1
Lost chart synchronization link	Warning	B	553		3002	3
Antigrounding off Updating charts	Warning	B	554		3008	1
System watchdog is offline	Warning	B	556		3062	1
Lost sensor Position 1	Warning	B	558		3015	1
Lost sensor Position 2	Warning	B	559		3015	2
Lost AIS AtoN [1,4]	Warning	A	570		3052	1+
Lost AIS locating device [1,4]	Warning	A	571		3052	1+
Refer to paper charts	Caution	B	2		3079	1
Refer to paper charts or S52 presentation	Caution	B	3		3079	2
Sleeping AIS targets hidden (DIST above x NM)	Caution	B	4		3079	3
Sleeping AIS class B hidden (DIST above x NM)	Caution	B	5		3079	4
Refer to Navtex window for full message list	Caution	B	8		3079	5
Chart area with special conditions [4]	Caution	B	9		3036	2+
Navigational Hazard	Caution	B	10		3036	1
Lost sensor Heading 1 [3]	Caution	B	11		3016	3
Lost sensor Heading 2 [3]	Caution	B	12		3016	4
Lost VDR Screenshot link	Caution	B	13		3003	5
Lost INS sensor Integrity info	Caution	B	14		3016	8

Note 1: Optional.
Note 2: Only when no alternative sensor is available.
Note 3: Only when the system automatically switches to an alternative valid sensor.
Note 4: Alerts with identical ALF identifiers are distinguished by ALF instance number.
Note 5: Escalates to Alarm after 120 seconds if not acknowledged.
Note 6: Instance is WP number+1. Waypoint alert and Final waypoint passed cannot occur on the same waypoint.

List of additional or modified alerts for new TCS installations

This section only lists the additional or modified alerts relevant for new installations of the current version of TECDIS with legacy mode disabled, in track control configuration.

Only ALF type alert communication is allowed for TCS installations.

Alert	Priority	Cat.	Identifier		
			Mnemonic	ALF	Instance
Vessel off track [4]	Alarm	A		3024	1
Early Course Change [1]	Warning	A		3038	1
Early Course Change [2]	Alarm	A		3037	
Actual Course Change [1]	Warning	A		3028	1
Actual Course Change [2]	Alarm	A		3027	
Approaching Last Waypoint [1]	Warning	A		3025	
Approaching Last Waypoint [2]	Alarm	A		3024	2
Track Control Stopped [1]	Warning	A		3008	
Track Control Stopped [2]	Alarm	A		3007	
Heading difference limit exceeded [7]	Warning	B		3012	1
Pos sensor difference limit exceeded [7]	Warning	B		3012	2
Pos sensor difference limit exceeded [8]	Caution	B		3013	2
Lost sensor Water Speed [2,7]	Alarm	B		3014	3
All position sensors lost [2,7]	Alarm	B		3014	1
All heading sensors lost [2,7]	Alarm	B		3014	2
Lost sensor Water Speed [8]	Warning	B		3015	5
Switch to Heading Control or Manual [3]	Warning	B		3078	2
Switch to Manual Control [7]	Warning	B		3078	3
Back-up Navigator alarm active [7]	Warning	B		3078	4
Course difference limit exceeded [7]	Warning	B		3032	1
Valid position sensor is available [7]	Warning	B		3078	5
Valid speed sensor is available [7]	Warning	B		3078	6
Low Speed [7]	Warning	B		3065	
Lost autopilot communication	Warning	B		3002	6

Note 1: Escalates to Alarm after 30 seconds if not acknowledged.
Note 2: Triggers Back-up navigator alert after 30 seconds unacknowledged.
Note 3: Repeated every 2 minutes and returned to unacknowledged state if acknowledged.
Note 4: TCS alert for this configuration while TCS is active (aggregated on TECDIS with the ECDIS off-track alarm)
Note 5: Only when no alternative sensor is available.
Note 6: Only when the system automatically switches to an alternative valid sensor.
Note 7: Only if TCS is active.
Note 8: Only if TCS is not active.

List of alerts in legacy mode (legacy mode 2 enabled)

This section only lists the alerts relevant for new installations of the current version of TECDIS with Legacy mode disabled, in ECDIS configuration (STD) and track control configuration (5500 TCS):

Alerts with **5 digit ALF ids** use the manufacturer mnemonic "TEL" in ALF/ACL to BAM.

Alert	Priority	Cat.	Identifier ALR	Identifier ALF	Config. STD	Config. 5500 TCS	Type
Crossing safety contour	Alarm	A	257	171	●	●	ECDIS
Route critical point	Warning	A	260	174	●	●	ECDIS
Vessel off track	Alarm	A	261	172	●	●[9]	ECDIS
Waypoint alert	Warning	A	262	10262	●[1]		ECDIS
Sensor Error Pos.1 Wrong Datum[15]	Warning	B	265	175	●	●	ECDIS
Sensor Error Pos.2 Wrong Datum[15]	Warning	B	266	175	●	●	ECDIS
Mariners danger object	Alarm	A	267	10267	●	●	ECDIS
Heading difference limit exceeded	C / W	B	268	10268	C[1,2]	C[20]	TCS
Final waypoint passed	Warning	A	271	10271	●[1]		ECDIS
Pos sensor difference limit exceeded	C / W	B	272	10272		C[20]	TCS
Lost monitor control and alert buzzer	Warning	B	273	10273	●	●	ECDIS
Lost sensor Water Speed	Alarm	B	276	10276		●[6,18]	TCS
All position sensors lost	Alarm	B	---[7]	10284		●[6,18]	TCS
All heading sensors lost	Alarm	B	---[7]	10285		●[6,18]	TCS
Chart area with special conditions[15]	Warning	A	524	173	●	●	ECDIS
Lost sensor Heading 1	Warning	B	527	10527	●[12]	●[4,12]	ECDIS
Lost sensor Heading 2	Warning	B	528	10528	●[12]	●[4,12]	ECDIS
Lost sensor Water Speed	Warning	B	529	10529	●	●[19]	ECDIS
Lost sensor AIS	Warning	B	534	10534	●	●	ECDIS
Lost sensor Relative Wind	Caution	B	536	10536	●	●	ECDIS
Navigational Hazard	Warning	A	538	10538	●	●	ECDIS
Missing link to other ECDIS	Warning	B	547	10547	●	●	ECDIS
Target buffer use > 95% reduce range	Caution	A	548	10548	●	●	ECDIS
Target buffer full reduce range	Warning	A	549	10549	●	●	ECDIS
Anchor watch	W / A	A	551	10551	W[17]	W[17]	ECDIS
Sounder position err. Setup / Sounder	Warning	B	552	10552	●	●	ECDIS
Lost synchronization link for charts	Warning	B	553	10553	●	●	ECDIS
Updating charts, antigrounding off	Warning	B	554	10554	●	●	ECDIS
System watchdog is offline	Warning	B	556	176	●	●	ECDIS
Lost connection to BAM	Warning	B	557	10557	●	●	ECDIS
Lost sensor Position 1[15]	Warning	B	---[7]	170	●	●	ECDIS
Lost sensor Position 2[15]	Warning	B	---[7]	170	●	●	ECDIS
Track Control Stopped	W / A	A	---[7]	10560		W[5,6]	TCS
Back-up Navigator alarm active	Warning	B	---[7]	10561		●	ECDIS
Switch to Heading Control or Manual	Warning	B	---[7]	10562		●[8]	TCS
Course difference limit exceeded	Warning	B	563	10563		●	TCS
Low Speed	Warning	B	---[7]	10564		●[16]	TCS
Lost autopilot communication	Warning	B	---[7]	10565		●	TCS
Lost autopilot alert communication	Warning	B	---[7]	10566		●	TCS
Refer to paper charts	Caution	B	2	11026	●	●	ECDIS
Refer to paper charts or S52 pres.	Caution	B	3	11027	●	●	ECDIS
Sleeping AIS target filter active	Caution	B	4	11028	●	●	ECDIS
Sleeping AIS class B filter active	Caution	B	5	11029	●	●	ECDIS
Refer to Navtex wnd for full msg list	Caution	B	8	11032	●	●	ECDIS
Chart area with special conditions[15]	Caution	A	9	173	●	●	ECDIS

Alert	Priority	Cat.	Identifier		Configurations		Type
			ALR	ALF	STD	5500 TCS	
Navigational Hazard	Caution	A	10	11034	●	●	ECDIS
Lost sensor Heading 1	Caution	B	11	11035	●[13]	●[4,13]	ECDIS
Lost sensor Heading 2	Caution	B	12	11036	●[13]	●[4,13]	ECDIS
No screenshot contact with VDR	Caution	B	13	11037	●	●	ECDIS
Lost sensor integrity info from INS	Caution	B	14	11038	●	●	ECDIS

Note 1: Optional
Note 2: ECDIS alert, if enabled
Note 4: TCS alert for this configuration
Note 5: Escalates to Alarm after 30 seconds if not acknowledged
Note 6: Triggers Back-up navigator alert after 30 seconds unacknowledged as alarm
Note 7: Only ALF alert communication is allowed in this configuration
Note 8: Repeated every 2 minutes, and returned to unacknowledged state if acknowledged
Note 9: TCS alert for this configuration while TCS is active (aggregated on TECDIS with the ECDIS off-track alarm)
Note 10: Priority is Warning for this configuration if alert Legacy mode is disabled.
Note 11: Priority is Caution for this configuration if alert Legacy mode is disabled.
Note 12: Only when no alternative sensor is available.
Note 13: Only when the system automatically switches to an alternative valid sensor.
Note 14: Alert removed if alert Legacy mode is disabled
Note 15: Alerts with identical ALF identifiers are distinguished by ALF instance number.
Note 16: Only when autopilot software revision is set to ">=304".
Note 17: Escalates to Alarm after 120 seconds if not acknowledged.
Note 18: Only if TCS is active.
Note 19: Only if TCS is not active.
Note 20: Priority is Warning if TCS is active or Legacy mode is enabled.

List of alerts in legacy mode (all legacy modes enabled)

This section includes the full list of alerts from TECDIS in all legacy mode configurations.

Alert	Priority	Cat.	Identifier ALR	Identifier ALF	STD Legacy	2025 TCS	Emri TCS	Type
Crossing safety contour	Alarm	A	257	171	●	●	●	ECDIS
Route critical point	W / A	A	260	174	A	A[10]	A[10]	ECDIS
Vessel off track	Alarm	A	261	172	●	●	●	ECDIS
Waypoint alert	W / A	A	262	10262	A[1,2]	A	A	TCS
Lost sensor Position 1	Alarm	B	263	10263	●	●[4]	●[4]	ECDIS
Lost sensor Position 2	Alarm	B	264	10264	●	●[4]	●[4]	ECDIS
Sensor Error Pos.1 Wrong Datum[15]	W / A	B	265	175	A	A[10]	A[10]	ECDIS
Sensor Error Pos.2 Wrong Datum[15]	W / A	B	266	175	A	A[10]	A[10]	ECDIS
Mariners danger object	Alarm	A	267	10267	●	●	●	ECDIS
Heading difference limit exceeded	C/W/A	B	268	10268	A[1,2]	A	A	TCS
Lost autopilot communication	Alarm	B	270	10270		●	●	TCS
Final waypoint passed	W / A	A	271	10271	A[1,2]	A	A	TCS
Pos sensor difference limit exceeded	C/W/A	B	272	10272		A	A	TCS
Lost monitor control and alert buzzer	W / A	B	273	10273	A	A[10]	A[10]	ECDIS
Lost sensor Heading 1	Alarm	B	274	10274		●	●	TCS
Lost sensor Heading 2	Alarm	B	275	10275		●	●	TCS
Lost sensor Water Speed	Alarm	B	276	10276		●	●	TCS
Low Speed	Alarm	B	277	10277		●	●	TCS
Dynamic licensing update deadline	Alarm	B	278	10278	●	●[14]	●[14]	ECDIS
Dynamic licensing out of credits	Alarm	B	279	10279	●	●[14]	●[14]	ECDIS
Chart licenses expired (over 50%)	Alarm	B	280	10280	●	●[14]	●[14]	ECDIS
All position sensors lost	Alarm	B	--- [7]	10284				TCS
All heading sensors lost	Alarm	B	--- [7]	10285				TCS
Chart area with special conditions[15]	Warning	A	524	173	●	●	●	ECDIS
Lost sensor COG/SOG 1	Warning	B	525	10525	●	●	●	ECDIS
Lost sensor COG/SOG 2	Warning	B	526	10526	●	●	●	ECDIS
Lost sensor Heading 1	Warning	B	527	10527	●			ECDIS
Lost sensor Heading 2	Warning	B	528	10528	●			ECDIS
Lost sensor Water Speed	Warning	B	529	10529	●			ECDIS
Lost sensor AIS	Warning	B	534	10534	●	●	●	ECDIS
Lost sensor Relative Wind	W / C	B	536	10536	W	W[11]	W[11]	ECDIS
Navigational Hazard	Warning	A	538	10538	●	●	●	ECDIS
Change course early warning	Warning	A	540	10540		●	●	TCS
Change course last warning	Warning	A	541	10541		●	●	TCS
Dynamic licensing payment is active	Warning	B	543	10543	●	●[14]	●[14]	ECDIS
Dynamic licensing update deadline	Warning	B	544	10544	●	●[14]	●[14]	ECDIS
Dynamic licensing credits low	Warning	B	545	10545	●	●[14]	●[14]	ECDIS
Chart licenses expiring (over 50%)	Warning	B	546	10546	●	●[14]	●[14]	ECDIS
Missing link to other ECDIS	Warning	B	547	10547	●	●	●	ECDIS
Target buffer use > 95% reduce range	W / C	A	548	10548	W	W[11]	W[11]	ECDIS
Target buffer full reduce range	Warning	A	549	10549	●	●	●	ECDIS
Anchor watch	W / A	A	551	10551	●[17]	●[17]	●[17]	ECDIS
Sounder position err. Setup / Sounder	Warning	B	552	10552	●	●	●	ECDIS
Lost synchronization link for charts	Warning	B	553	10553	●	●	●	ECDIS
Updating charts, antigrounding off	Warning	B	554	10554	●	●	●	ECDIS
System watchdog is offline	Warning	B	556	176	●	●	●	ECDIS
Lost connection to BAM	Warning	B	557	10557	●	●	●	ECDIS
Lost sensor Position 1[15]	Warning	B	--- [7]	170				ECDIS
Lost sensor Position 2[15]	Warning	B	--- [7]	170				ECDIS

Alert	Priority	Cat.	Identifier		Configurations			Type
			ALR	ALF	STD Legacy	2025 TCS	Emri TCS	
Track Control Stopped	W / A	A	--- [7]	10560				TCS
Back-up Navigator alarm active	Warning	B	--- [7]	10561				ECDIS
Switch to Heading Control or Manual	Warning	B	--- [7]	10562				TCS
Course difference limit exceeded	Warning	B	563	10563		●[1]	●[1]	TCS
Low Speed	Warning	B	--- [7]	10564				TCS
Lost autopilot communication	Warning	B	--- [7]	10565				TCS
Lost autopilot alert communication	Warning	B	--- [7]	10566				TCS
Refer to paper charts	Caution	B	2	11026	●	●	●	ECDIS
Refer to paper charts or S52 pres.	Caution	B	3	11027	●	●	●	ECDIS
Sleeping AIS target filter active	Caution	B	4	11028	●	●	●	ECDIS
Sleeping AIS class B filter active	Caution	B	5	11029	●	●	●	ECDIS
Refer to Navtex wnd for full msg list	Caution	B	8	11032	●	●	●	ECDIS
Chart area with special conditions[15]	Caution	A	9	173	●	●	●	ECDIS
Navigational Hazard	Caution	A	10	11034	●	●	●	ECDIS
Lost sensor Heading 1	Caution	B	11	11035				ECDIS
Lost sensor Heading 2	Caution	B	12	11036				ECDIS
No screenshot contact with VDR	Caution	B	13	11037				ECDIS
Lost sensor integrity info from INS	Caution	B	14	11038				ECDIS

Note 1: Optional
Note 2: ECDIS alert, if enabled
Note 4: TCS alert for this configuration
Note 5: Escalates to Alarm after 30 seconds if not acknowledged
Note 6: Triggers Back-up navigator alert after 30 seconds unacknowledged as alarm
Note 7: Only ALF alert communication is allowed in this configuration
Note 8: Repeated every 2 minutes, and returned to unacknowledged state if acknowledged
Note 9: TCS alert for this configuration while TCS is active (aggregated on TECDIS with the ECDIS off-track alarm)
Note 10: Priority is Warning for this configuration if alert Legacy mode is disabled.
Note 11: Priority is Caution for this configuration if alert Legacy mode is disabled.
Note 12: Only when no alternative sensor is available.
Note 13: Only when the system automatically switches to an alternative valid sensor.
Note 14: Alert removed if alert Legacy mode is disabled
Note 15: Alerts with identical ALF identifiers are distinguished by ALF instance number.
Note 16: Only when autopilot software revision is set to ">=304".
Note 17: Escalates to Alarm after 120 seconds if not acknowledged.
Note 18: Only if TCS is active.
Note 19: Only if TCS is not active.
Note 20: Priority is Warning if TCS is active or Legacy mode is enabled.

Note on alert legacy modes

Alert legacy mode was introduced with TECDIS version 4.7.x.28 to gracefully handle changes in alert management when updating existing systems to new software.

- Alert Legacy mode is **disabled** by default on TECDIS units delivered with software version 4.7.x.28 or newer.
- Alert Legacy mode is **enabled** by default on TECDIS units delivered with older software.
- To enable: Make the following setting: TELchart.ini, [Setup] alarm_legacy_mode=1
- To disable: Make the following setting: TELchart.ini, [Setup] alarm_legacy_mode=0

Alert Legacy mode 2 was introduced with TECDIS version 4.8.3.6.

- Alert Legacy mode 2 is **disabled** by default on TECDIS units delivered with software version 4.8.3.6 or newer.
- Alert Legacy mode is **enabled** by default on TECDIS units delivered with older software.
- To enable: Make the following setting: TELchart.ini, [Setup] alarm_legacy_mode_2=1
- To disable: Make the following setting: TELchart.ini, [Setup] alarm_legacy_mode_2=0

Note on alert ALF IDs for standard alerts

Starting with TECDIS version 4.7.x.30, ECDIS alerts with standard identifiers as defined in IEC 51924-2 ed.1 (legacy mode 2 enabled) or IEC 62923-2 (legacy mode 2 disabled) are transmitted using the identifiers listed in this standard by default for new installations (as shown in the alert lists above). The alert identifiers will remain as follows for installations where a previous software version was installed on delivery:

Alert	Mnemonic	ALF identifier
Crossing safety contour	TEL	10257
Route critical point	TEL	10260
Vessel off track	TEL	10261
Invalid datum Position 1	TEL	10265
Invalid datum Position 2	TEL	10266
Chart area with special conditions (warning)	TEL	10524
System watchdog is offline	TEL	10556
Lost sensor Position 1	TEL	10558
Lost sensor Position 2	TEL	10559
Chart area with special conditions (caution)	TEL	11033

If Legacy mode 2 is disabled, using old ALF identifiers will change alert ids for all other alerts in the List of alerts for new ECDIS installations without the TEL mnemonic to non-standard identifiers with TEL mnemonic. To find the correct ALF identifiers in this configuration, refer to List of alerts in legacy mode.

It is possible for installers to manually decide which identifiers should be used for these alerts when updating an existing installation:
- To use standard ALF alert identifiers, make the following setting:
  TELchart.ini, [Setup] alarm_std_alf_ids=1
- To use the old ALF alert identifiers, make the following setting:
  TELchart.ini, [Setup] alarm_std_alf_ids=0

Additional Track Control alerts with NP5500

Additional alerts may be triggered in TCS application with Raytheon Anschütz NP5500. All of these additional alerts are categorized as TCS alarms.

Alert	Mnemonic	ALF ID	Priority	Category	Sent from AP
Power Failure		153	Alarm[4]	B	●
TC Interr Select Manual Steering Mode	ANZ	18004	Alarm[4]	B	
Gyro - TMC Difference		155	Warning[2,4]	B	●
Low Speed		159	Warning[2,4]	B	●[6]
TC Interr Magnetic Heading Selected	ANZ	18035	Warning[2,4]	B	
TC Interr No Position	ANZ	18036	Warning[2,4]	B	
TC Interr Position jumped	ANZ	18041	Warning[2,4]	B	
TC Interr Change Angle too big	ANZ	18045	Warning[2,4]	B	
TC Interr Distance to TO-Wpt too short	ANZ	18046	Warning[2,4]	B	
TC Interr Distance TO/NEXT-Wpt too short	ANZ	18047	Warning[2,4]	B	
TC Interr Wheeloverline Overrun	ANZ	18048	Warning[2,4]	B	
TC Interr Track too far away	ANZ	18049	Warning[2,4]	B	
TC Interr Too close to Waypoint	ANZ	18050	Warning[2,4]	B	
TC Interr No ECDIS Status	ANZ	18055	Warning[2,4]	B	●
TC Interr Missing Waypoint	ANZ	18056	Warning[2,4]	B	
Switch to a valid Speed Source	ANZ	18063	Warning[5]	B	
Valid Speed Source is available	ANZ	18064	Warning	B	
Track End X min	ANZ	18067	Warning[1,3,4]	A	
WOP IN X MINUTES OR LESS	ANZ	18072	Warning[1,3,4]	A	
WOP IN 30 SECONDS OR LESS	ANZ	18073	Warning[1,3,4]	A	
Switch to a valid Position Source	ANZ	18078	Warning[5]	B	
Valid Position Source is available	ANZ	18079	Warning	B	
New Track X °	ANZ	18107	Caution	B	
Changing Track to X °	ANZ	18108	Caution	A	
Changed Waypoints	ANZ	18110	Caution	B	

Note 1: Escalates to Alarm after 30 seconds if not acknowledged

Note 2: Escalates to Alarm after 60 seconds if not acknowledged

Note 3: Triggers Back-up navigator alert from TECDIS after 30 seconds unacknowledged as alarm

Note 4: Triggers Back-up navigator alert from NP5500 after 30 seconds unacknowledged as alarm, if back-up navigator alert is enabled on the autopilot

Note 5: Repeated every 2 minutes, and returned to unacknowledged state if acknowledged

Note 6: Alert not considered TCS alert when autopilot software revision is set to ">=304".

Document Revision History

Revision	Date	Changes
01	14.01.2015	Initial release. Valid for TECDIS ver. 4.7.x.25 VAL
02	28.01.2015	Additional alerts in TCS with Anschütz NP5500 mode added.
03	15.02.2015	Two new chart related caution alerts added. (ver.4.7.x.25)
04	25.08.2015	Alert Legacy mode introduced with corresponding changes.
05	10.01.2016	Updated with alert changes in version 4.7.x.30.
06	21.01.2016	Updated with alert changes following DNV GL comments to alerts in version 4.7.x.30.
07	14.04.2016	Updated with low speed alert notes for NP5500 revisions.
08	2.12.2016	Added warning repeat/escalation time note in initial text. Removed Lost AIS alert for all configurations. Target buffer use > 95% alert priority changed to caution for non-legacy Updated anchor watch alert, removed separate anchor watch alarm Added "No screenshot contact with VDR" caution Navigational hazard caution and Area with special condition cautions alert category changed from B to A. Target buffer use > 95% and Target buffer full alerts changed to cat.A Added "Lost sensor integrity info from INS" caution
09	14.12.2016	"Antigrounding alarm" name changed to "Crossing safety contour".
10	17.01.2017	Removed "All time limited chart objects shown" alert.
11	23.01.2017	• Added simplified list of alerts including alerts for new installations only (no alerts changed, provided for readability). • "All position sensors lost" alarm removed for configuration STD. • 5500 TCS: "Lost sensor Water Speed" alarm only triggered if TCS is active, "Lost sensor Water Speed" warning triggered otherwise. • "All position sensors lost" alarm only triggered if TCS is active. • "All heading sensors lost" alarm only triggered if TCS is active. • 5500 TCS: "Low Speed" alarm replaced with "Low Speed" warning (alert list correction only, no software change). • "Heading difference limit exceeded" priority is now Caution in non-legacy mode, but priority is Warning for 5500 TCS if TCS is active. • "Pos sensor difference limit exceeded" priority is now Caution in non-legacy mode for 5500 TCS, but priority is Warning for 5500 TCS if TCS is active.
12	25.01.2017	• "Waypoint alarm" and "Final waypoint passed" alerts removed for 5500 TCS. • "Waypoint alarm" changed to "Waypoint alert" • "Waypoint alert" and "Final waypoint passed" alerts priority changed to Warning in non-legacy mode.
13	18.06.2021	• Criteria for classification of alarms added. • New ECDIS and TCS alert lists separated into two different lists. • Alert ALF identifiers updated. • Full list of alerts for all configurations changed to list of alerts in legacy mode. • Note on alert legacy modes updated with information about alert legacy mode 2. • Note on alert ALF IDs for standard alerts updated with information about changed alerts when legacy mode 2 is disabled
14	03.12.2023	• New alerts 'Lost AIS AtoN' and 'Lost AIS locating device' added.
15	26.07.2024	• Alert identifier changed for caution 'Heading difference limit exceeded' • Alert instance changed for warning 'Anchor watch' • 'List of additional or modified alerts for new TCS installations' updated

16	06.08.2024	• 'Vessel Off Track' alert instance changed to 1. • 'Critical point at WP x' alert instance incremented by 1. • 'New WP Change Course' alert instance incremented by 1. • 'Final WP passed' alert instance incremented by 1. • 'List of additional or modified alerts for new TCS installations' updated