



Maritime &
Coastguard
Agency

Clarification of MSN 1874 amendment 7 correction relating to IEC 62288 standard and UK/4.29 - Voyage Data Recorders: UK23/N001

UK approved recommendation UK23/N001 clarifying the update to MSN 1874 amendment 7, relating to item UK/4.29 - Voyage Data Recorders, that introduced a correction in relation to EN 62288:2013 and IEC 62288 Ed.2.0:2014-07.

Question

The publication of MSN 1874 amendment 7 introduced a correction in row 2 of UK/4.29 - Voyage Data Recorders. This corrected EN 62288:2014 to EN IEC 62288:2022, and corrected IEC 62288 Ed.2.0:2014-07 to IEC 62288 Ed. 3.0:2021. By introducing a correction rather than a new row to implement this standard, was it the intention to introduce an overnight change?

Recommendation

Introducing the update to these standards through a correction has inadvertently resulted in a requirement to comply with the new standard retrospectively from 1 July 2022, whilst simultaneously ending acceptance of EN 62288:2014 and IEC EN 62288 Ed.2.0:2014-07.

This was not the intention, and therefore EN 62288:2014 and IEC 62288 Ed. 2.0:2014-07 will continue to be accepted until 30 June 2025 for Voyage Data Recorders (UK/4.29). This is in line with MSC.466(101), which amends MSC.191(79) regarding the performance standards for the presentation of navigation-related information on shipborne navigational displays.

MSN 1874 amendment 8 will amend the requirements for UK/4.29 - Voyage Data Recorders accordingly, and in the meantime the following requirements should be followed until this is formally implemented when the next update to MSN 1874 is issued:

- MSN 1874 amendment 7 should be interpreted to have instead introduced a last placing on board date for UK/4.29 row 2 of 30.06.2025, rather than a correction.
- In addition, the introduction of EN 62288:2022 and IEC 62288 Ed. 3.0:2021 in row 2 of MSN 1874 amendment 7 should instead be interpreted as having introduced a new row for UK/4.29 (a 'row 3'), identical to row 2 – but updating EN 62288:2014 to EN 62288:2022, and IEC EN 62288 Ed.2.0:2014-07 to IEC 62288 Ed. 3.0:2021.

The corrected requirements for UK/4.29 - VDRs can be found on the following page of this Recommendation, which also shows how this will be implemented in MSN 1874 Amendment 8. For clarity, the changes are highlighted in yellow.

In the meantime, this Recommendation should be followed by UK Approved Bodies, manufacturers, and other interested parties.

<p>UK/4.29</p> <p>Voyage data recorder (VDR)</p> <p>Row 1 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> — SOLAS 74 Reg. V/18, — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13. 	<p>EN 60945:2002 incl. IEC 60945 Corr.</p> <p>1:2008,</p> <p>— EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018,</p>	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>13.09.2019</p>	<p>30.06.2022</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> — SOLAS 74 Reg. V/20, — IMO Res.A.694(17), — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13, — IMO Res.MSC.191(79), — IMO Res.MSC.302(87), — IMO Res.MSC.333(90). 	<p>— EN 61996-1:2013 incl. IEC 61996-1 Corr. 1:2014,</p> <p>— EN 62288:2014,</p> <p>— EN IEC 62923-1:2018,</p> <p>— EN IEC 62923-2:2018.</p> <p>Or:</p> <p>— IEC 60945:2002 incl. IEC 60945 Corr. 1:2008,</p> <p>— IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018,</p> <p>— IEC 61996-1 Ed. 2.0: 2013-05 incl. IEC 61996-1 Corr. 1:2014,</p> <p>— IEC 62288 Ed. 2.0:2014-07,</p> <p>— IEC 62923-1:2018,</p> <p>— IEC 62923-2:2018.</p>			

<p>UK/4.29</p> <p>Voyage data recorder (VDR)</p> <p>Row 2 of 3</p>	<p>Type approval requirements</p> <ul style="list-style-type: none"> — SOLAS 74 Reg. V/18, — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13. 	<ul style="list-style-type: none"> — EN 60945:2002 incl. IEC 60945 Corr. 1:2008, — EN 61162 series: EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, 	<p>B+D</p> <p>B+E</p> <p>B+F</p> <p>G</p>	<p>01.07.2022</p>	<p>30.06.2025</p>
	<p>Carriage and performance requirements</p> <ul style="list-style-type: none"> — SOLAS 74 Reg. V/20, — IMO Res.A.694(17), — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13, — IMO Res.MSC.191(79), — IMO Res.MSC.302(87), — IMO Res.MSC.333(90). 	<ul style="list-style-type: none"> — EN 61996-1:2013+A1:2021 — EN 62288:2014, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018. Or: — IEC 60945:2002 incl. IEC 60945 Corr. 1:2008, — IEC 61162 series: IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018,7 — IEC 61996-1 Ed. 2.0:2013+A1:2021 — IEC 62288 Ed. 2.0:2014-07, — IEC 62923-1:2018, 			

		— IEC 62923-2:2018.			
UK/4.29 Voyage data recorder (VDR) Row 3 of 3 (New row introduced by UK23/N001 – ahead of introduction via MSN 1874 amendment 8)	<p>Type approval requirements</p> <ul style="list-style-type: none"> — SOLAS 74 Reg. V/18, — SOLAS 74 Reg. X/3, — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13. <hr/> <p>Carriage and performance requirements</p> <ul style="list-style-type: none"> — SOLAS 74 Reg. V/20, — IMO Res.A.694(17), — IMO Res.MSC.36(63)-(1994 HSC Code) 13, — IMO Res.MSC.97(73)-(2000 HSC Code) 13, — IMO Res.MSC.191(79), — IMO Res.MSC.302(87), — IMO Res.MSC.333(90). 	<ul style="list-style-type: none"> — EN 60945:2002 incl. IEC 60945 Corr.1:2008, — EN 61162 series: <ul style="list-style-type: none"> EN 61162-1:2016 EN 61162-2:1998 EN 61162-3:2008 +A1:2010+A2:2014 EN IEC 61162-450:2018, — EN 61996-1:2013+A1:2021 — EN 62288:2022, — EN IEC 62923-1:2018, — EN IEC 62923-2:2018. <p>Or:</p> <ul style="list-style-type: none"> — IEC 60945:2002 incl. IEC 60945 Corr.1:2008, — IEC 61162 series: <ul style="list-style-type: none"> IEC 61162-1:2016 IEC 61162-2 Ed.1.0:1998-09 IEC 61162-3 Ed.1.2 Consol. with A1 Ed. 1.0:2010-11 and A2 Ed. 1.0:2014-07 IEC 61162-450:2018, — IEC 61996-1 Ed. 2.0:2013+A1:2021 — IEC 62288 Ed. 3.0:2021, 	B+D B+E B+F G	01.07.2022	

		<ul style="list-style-type: none">— IEC 62923-1:2018,— IEC 62923-2:2018.			
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References:

- MSN 1874 amendment 7
- The Merchant Shipping (Marine Equipment) Regulations 2016 as amended

Items affected:

- UK/4.29 – Voyage Data Recorder

More information

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