

Comparison between latest IACS UR E10 (2014) and previous version (2006)
(changes only)

TESTS	STANDARD	NOTE	IACS - E10:2006	IACS - E10:2014
Radiated Emission	CISPR 16-2-3 IEC 60945	Bridge and deck	0.15 – 0.3MHz: 80 - 52 dBuV/m 0.3 – 30MHz: 50 - 34 dBuV/m 30 – 156MHz: 54 dBuV/m 156 – 165MHz: 24 dBuV/m 165 – 2000MHz: 54 dBuV/m	0.15 – 0.3MHz: 80 - 52 dBuV/m 0.3 – 30MHz: 52 - 34 dBuV/m 30 – 156MHz: 54 dBuV/m 156 – 165MHz: 24 dBuV/m or 156 – 165MHz:30 dBuV/m Peak 165 – 2000MHz: 54 dBuV/m
		General power distribution zone	0.15 – 30MHz: 80 - 50 dBuV/m 30 – 100MHz: 60 - 54 dBuV/m 100 – 156MHz: 54 dBuV/m 156 – 165MHz: 24 dBuV/m 165 – 2000MHz: 54 dBuV/m	As IACS E10:2006
Electrostatic Discharge (ESD)	IEC 61000-4-2		Air discharge: ±8kV Contact discharge: ±6kV 1sec intervall between each pulse	Air discharge: ±8kV Contact discharge: ±2kV, ±4kV , ±6kV 1sec intervall between each pulse
Dry heat	IEC 60068-2-2	Bridge, control rooms	55 °C / 16 hours	As IACS E10:2006
		Consoles, desks	70 °C / 2 hours	70 °C / 16 hours