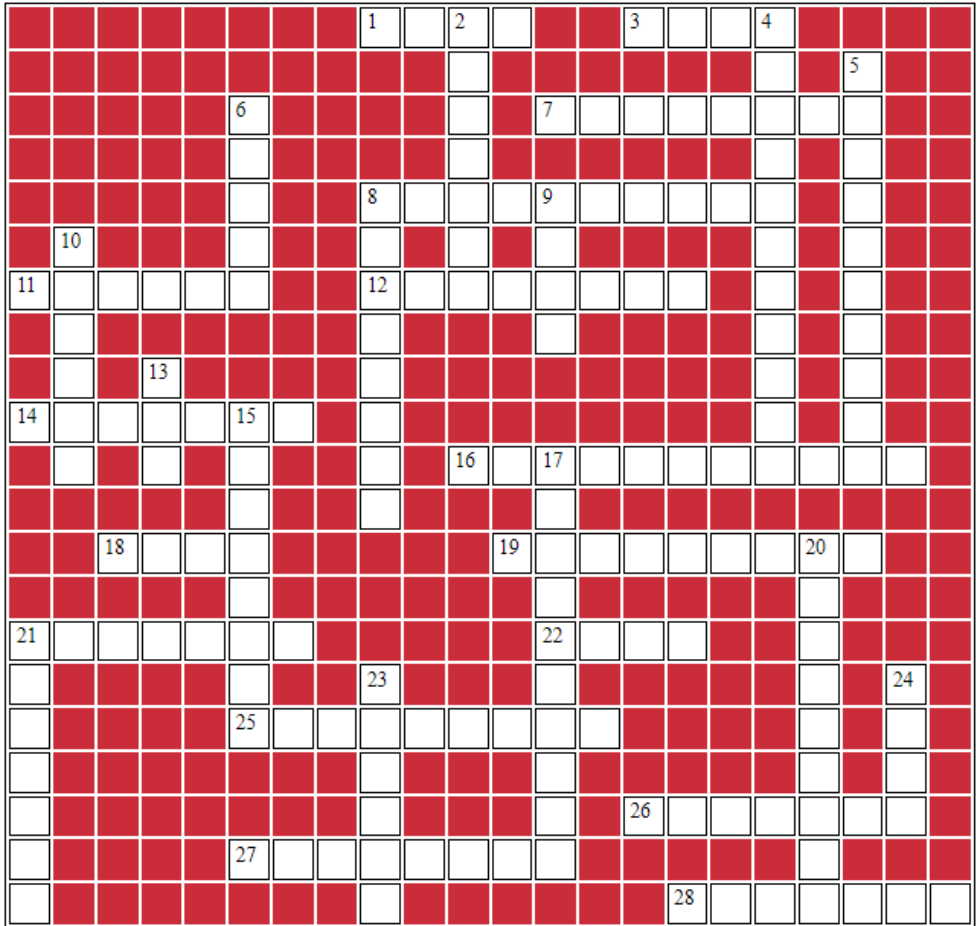


Safety Systems Crossword

Welcome to the 3rd Safety Systems Crossword prize competition where you can test your knowledge of the world of System Safety!

Send you completed grids to crossword@scsc.uk or drop into the crossword entry box at SSS'24 by 1pm on 5th Feb 2025.

The first correct answer drawn from a hat at SSS'25 will win a £100 gift voucher!



Across

- 1 Driver crash-protection system comprising a curved bar placed above the driver's head (4)
- 3 Abbreviation for a form of aerated concrete said to be at risk of collapse with little or no notice (4)
- 7 Town where the 'Flying Scotsman' steam locomotive crashed in 2023 (8)
- 8 Name of the project aiming to push the world land speed record beyond 800mph (10)
- 11 Safety device designed to keep a sailor attached to their boat (6)
- 12 A set of concepts in a subject area that shows their properties and the relations between them (8)
- 14 Device that uses a powerful magnetic field to confine plasma (7)
- 16 Uncrewed aerial vehicle used by the British Army (11)
- 18 Form of certification signifying the airworthiness of a particular category of aircraft (4)
- 19 Project that delivered the commuter rail and rapid transit system, known as the Elizabeth line (9)
- 21 Surname of the woman who led a government review in the wake of the Grenfell Tower tragedy (7)
- 22 Abbreviation for the mark of conformity with requirements for products sold within Great Britain (4)
- 25 Class of partially reusable spacecraft to transport crew to the International Space Station (9)
- 26 Surname of the first female pilot and commander of a Space Shuttle mission (7)
- 27 Form of cruise control that automatically maintains a safe distance through by speed adjustments (8)
- 28 Surname of an American specialist in system and software safety and author (7)

Down

- 2 Surname of the computer scientist famous for his treatment of the "Byzantine General's Problem" (7)
- 4 Firm that reportedly caused the largest outage in the history of information technology (11)
- 5 A form of AI used to create new content such as text, images, music, audio and videos (10)
- 6 Abbreviation for a remote sensing method that uses pulsed laser light to measure distance (5)
- 8 A symmetric-key block cipher, designed in 1993 (8)
- 9 Name of the ship that lost power before veering off course and striking a bridge (4)
- 10 Surname of an author of books on human error and famous for his 'Swiss Cheese Model' (6)
- 13 Abbreviation for the agency that regulates civil aviation in the United States (3)
- 15 A group of fibrous minerals used to fireproof materials, whose use is now largely banned (8)
- 17 Hazardous unstable air movement caused by changes in wind speed and direction (10)
- 20 Reasoning that makes predictions about what might happen based on what is already known (9)
- 21 IT System implicated in the wrongful prosecution of hundreds of employees (7)
- 23 A piece of text or information that helps direct an AI's response to a request (6)
- 24 Abbreviation for a satellite constellation that provides positioning, navigation and timing services (4)

Name: _____

Contact Nos/email: _____