1. Record Nr. UNINA9910453214303321

Autore	Stanton Neville A
Titolo	Modelling Command and Control : Event Analysis of Systemic Teamwork
Pubbl/distr/stampa	London, : CRC Press, 2017
ISBN	1-317-09487-5 1-315-59582-6 1-317-09486-7 1-281-54505-8 9786611545055 0-7546-8998-0
Descrizione fisica	1 online resource (274 p.)
Collana	Human factors in defence
Altri autori (Persone)	BaberChris
Disciplina	355.3/3041011
Soggetti	Command and control systems Command and control systems - Data processing Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; List of Figures; List of Tables; Preface; Acknowledgements; Senior Author Biographies; Contributing Authors; Chapter 1 Overview; Chapter 2 Modelling Command and Control; Chapter 3 Event Analysis of Systemic Team-work; Chapter 4 Case Study at HMS Dryad; Chapter 5 Case Study in RAF Boeing E3D Sentry; Chapter 6 Case Study in Battle Group HQ; Chapter 7 Development of a Generic Process Model of Command and Control; Bibliography; Index
Sommario/riassunto	"Since its inception, just after the Second World War, Human Factors research has paid special attention to the issues surrounding human control of systems. Command and control environments continue to represent a challenging domain for human factors research. Modelling Command and Control takes a broad view of command and control research, to include C2 (command and control), C3 (command, control and communication), and C4 (command, control, communication and computers) as well as human supervisory control paradigms. The book presents case studies in diverse military applications (for example,

land, sea and air) of command and control. The book explores the differences and similarities in the land, sea and air domains; the theoretical and methodological developments, approaches to system and interface design, and the workload and situation awareness issues involved. It places the role of humans as central and distinct from other aspects of the system. Using extensive case study material, Modelling Command and Control demonstrates how the social and technical domains interact, and why each require equal treatment and importance in the future."--Provided by publisher.