

Human Factors (HF) is methods and knowledge to analyse and improve the collaboration between man, technology and organisation.



Integrated Operations in the Oil and Gas sector implies human collaboration between different organisations integrating different technologies. Making human factors a part of the design and evaluation of this complex system can give valuable improvements, increased resilience and safety!



Forum for Human Factors in Control

Forum for Human Factors in Control (HFC)

- a forum for users and consultants of Human Factor methods in control; in the oil and gas sector
- a forum for knowledge transfer which contributes to the further development of HF methods in design and evaluation of operational concepts

Attendees in our meetings

BP, ConocoPhillips Norge, Eni Norge AS, Human Centred Design, Human Factors Solutions, IFE, Kongsberg Intellifield, Norske Shell, National Oilwell Varco, StatoilHydro ASA, Scandpower, SINTEF, Kokstad BHT, Umoe IKT, NTNU.

Training Courses has been established

Courses at UiS and NTNU. Course “Introduction to Human Factors and Integrated Operations”, see <http://videre.ntnu.no/pages/enkeltkurs/ledelse/doc719000.xml>

Contact us

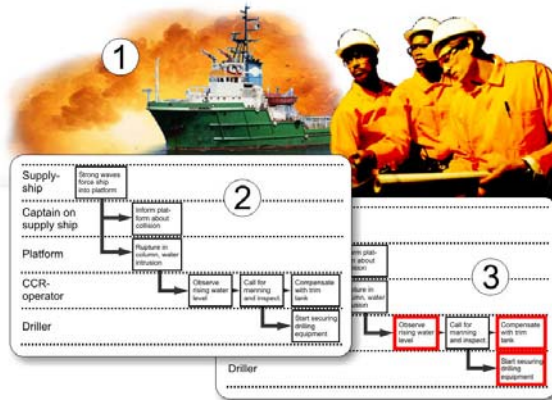
HFC forum at <http://www.hfc.sintef.no> or by e-Mail: HFC@SINTEF.NO

HFC activities

- exchange experiences and ideas on HF in control systems, by arranging yearly seminars and experience transfers
- contribute to R&D projects concerning human factors in control systems
- promote knowledge and good solutions for managing and monitoring e-operations
- contribute to further development of CRIOP to keep it an distinguished HF method for control solutions
- contribute to teaching in colleges and universities
- contribute to national and international standards



CRIOP – a HF tool for analyses of control rooms



CRIOP contributes to safe and effective operations through verification and validation of factors related to man, technology and organisation in control rooms.

- consists of check lists and scenario analyses and takes 2-5 days to accomplish
- gives a cost effective learning process between users and designers
- developed by Norsk Hydro, Statoil, SINTEF, Scandpower, HFS, IFE and NTNU. Freely available to all users.

CRIOP – see the web site at www.criop.sintef.no