

REVIEW OF FATIGUE MANAGEMENT TECHNOLOGY

THE SCHEDULING GROUP

TECHNOLOGY CATAGORY	PREEMPTIVE TECHNOLOGY	PREDICTIVE TECHNOLOGY	PERFORMANCE TECHNOLOGY	DETECTION TECHNOLOGY
PURPOSE	CREATES CONDITION OF AWARENESS ENVIRONMENT	USES REAL TIME DATA TO PREDICT FATIGUE BEFORE THE ONSET	TESTS INDIVIDUAL SUSPECTED OF EXPERIENCING FATIGUE	USES PHYSICAL OBSERVATIONS TO EXPOSE FATIGUE AFTER THE ONSET
PRODUCT EXAMPLES	BIO-ROSTERS EDUCATION LIFESTYLE PLANNERS ELECTRONIC LIFESTYLE EVENT NOTIFICATION SYSTEM (LENS)	PRISM POINT OF SAFETY AND FATIGUE INDEX RISK MANAGMENT SYSTEM FATIGUE COUNTERMEASURES ACCORDING TO RISK LEVEL	PSYCO-MOTOR VIGIALNCE TEST BOWLES-LANGLEY TEST	SEEING MACHINES OPTALERT SMART CAP DELPHI AUTO VIEW MOBIL EYE INSIGHT
COMMENTS	THE CRITICAL ELEMENT REQUIRED TO MAKE PREDICTIVE, PERFORMANCE, OR DETECTION TECHNOLOGIES EFFECTIVE	CATCHES POTENTIAL FATIGUE DANGER BEFORE IT OCCURS ADVISES APPROPRIATE COUNTERMEASURES	TARGETS INDIVIDUALS THAT ARE PREDICTED TO HAVE FATIGUE. LIMITED TO SINGLE INSTANCE OF MEASUREMENT	FULL FATIGUE IS PRESENT BEFORE DETECTION TECHNOLOGIES CATCH IT

COVERAGE

ALL PERSONNEL:
DRIVERS, MINE & PLANT OPERATORS, MAINTENANCE, ADMINISTRATION, SUB-CONTRACTORS, MANAGERS, ENGINEERS, ETC.
WHILE ON SITE, COMMUTING, AND ON DAYS OFF

**DRIVERS ONLY
WHILE IN CAB ONLY**



ALERTNESS

**ONSET OF
FATIGUE**

**FULL FATIGUE
DANGER ZONE**