

CEC



Test Monitoring Implementation - Some Explanatory Slides

Test Monitoring Implementation Group

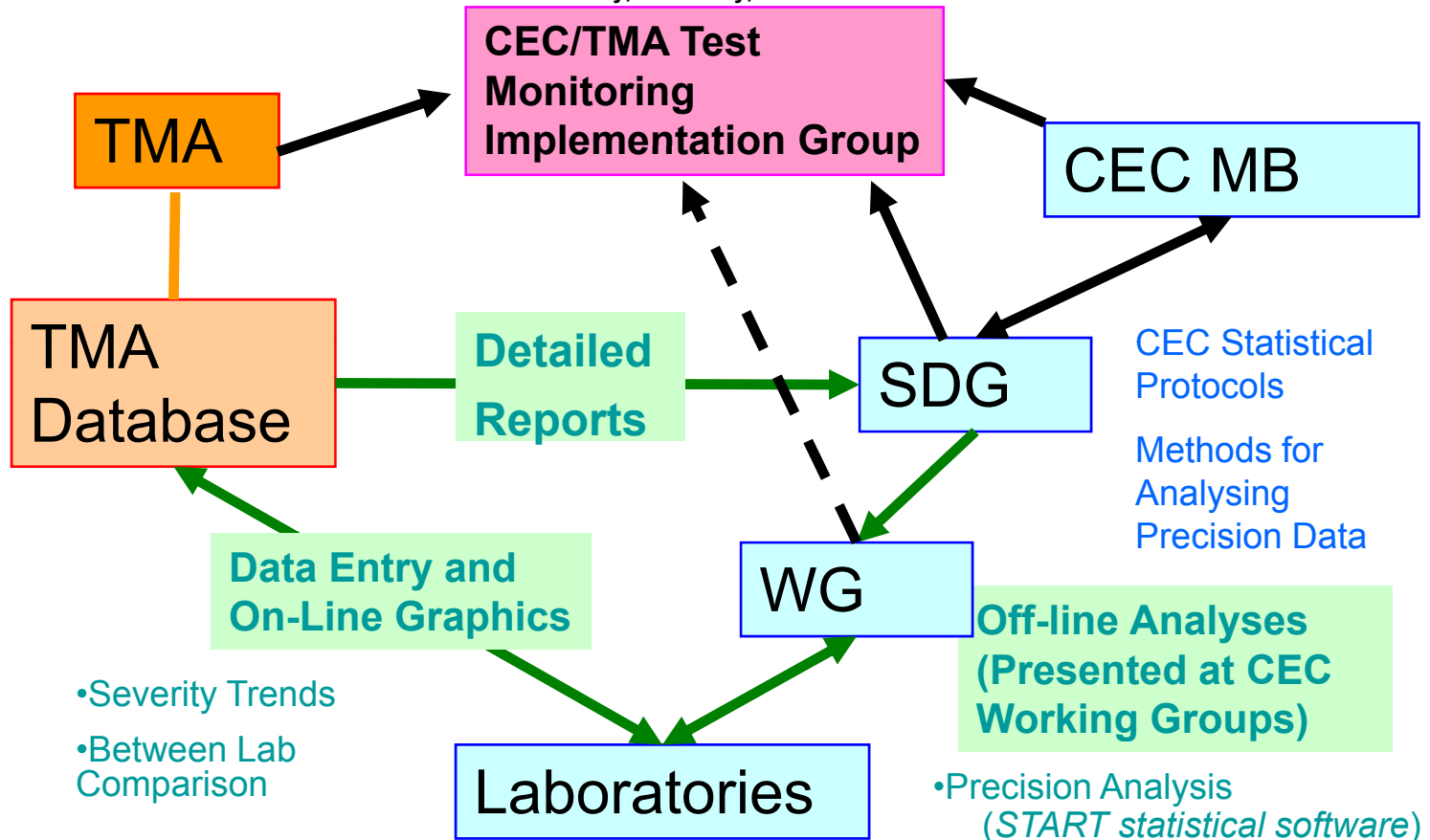
C Gray (SDG), P Bromby and J Harris (PDC)

Contents

- Test Monitoring Organization
- Process for Adding a New test
- Designing a Data Dictionary
- Contacts

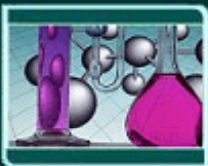
Test Monitoring Organisation CEC/TMA

C Gray, P Bromby, J Harris



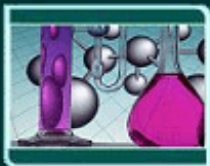
The aim: To maintain and improve the quality of CEC's test methods

CEC



Data Dictionary Design

CEC



Name	Len.	Dec.	Type	Unit	Min	Max	Description
TESTTYPE	6		C				Test type designation. Must be exactly 'NOACK'
VERSION	8		C				Data dictionary version number (YYYYMMDD).
ACKEMAIL	40		C				Email address for messages regarding EDT status.
TEST_NUM	6	0	N				Incrementing test number for INSTR_ID (Leave blank)
LAB_CODE	2		C				Laboratory Code
LAB_NAME	40		C				Laboratory Name
INSTR_ID	5		C				Instrument Serial number / ID
FUELTYPE	12		C				Oil reference code e.g. RL172 or RL208
FUELCODE	2		C				Oil Batch Code
DATETIME	16		DT				Test start date/time (dd/mm/yyyy hh:mm), hours 00 to 23
CANDIDAT	6	0	N		0	1000	No. of candidate tests run since last reference
VALIDITY	15		C				Assessment of operational validity of the test. Pick one value from designated list of values.
COMMENT	70		C				Comments regarding test operation or validity
KEYWORD	40		C				Keyword selected from finite list of designated words regarding test validity
RNDROBIN	20		C				Round robin designation for industry sponsored round robin testing. Leave blank for tests run as part of test monitoring.
OPERATOR	20		C				Operator Name / ID
INST_MOD	10		C				Instrument model / generation
FM_HD_ST	2		C				Siting in Fume hood (Y/N)
CUP	20		C				Cup Name or number
NOACK	6	1	N	%m	0	100	NOACK result (0 - 100)

Mandatory Fields

Usual Fields

Test Specific Fields

Main working group input is the Data Dictionary

Should include reported variables and key operating variables.
WG decides how much information to collect

A number of fields (green) are required. Some of these have been specifically included to monitor quality.

Contacts

CEC



- Paul Bromby and James Harris (CEC-TMA Administration)
 - cectma@pdcnet.org.uk +44.1455.290222
 - Usernames and passwords
 - Access to test types
 - Data input and upload issues
 - Access to charts and tabulated output
 - Guidelines and operational support
- Chris Gray (SDG Chairman) chris.gray@infineum.com
 - Implementation Issues
 - Statistical and Methodological questions

NB these issues should first be considered by the SDG Liaison Officer and the Database Administrator for the group