MSIAC L-150 A STAIRWAY TO KNOWLEDGE

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DO YOU KNOW WHO YOU ARE?

DO YOU KNOW WHAT YOU ARE DOING?

WHO WE THOUGHT WE WERE

In performing IM tests:

- + Experienced
- + Great knowledge
- + Good expertise
- + Measurements; no problem
- + High speed video and photography; business as usual
- Small issues with parts of some tests
- Might need more equipment
- Knowledge and expertise not widely spread within the company

MSIAC L-150

WHICH IS...

- A procedure, developed by MSIAC, to audit competences and capabilities of organizations that perform IM tests
- A living document
- Four Excel questionnaires

Part A Guidance on General Standards	Part B Guidance on IM Testing	Part C IM Test Procedures Mandatory Requirements	Part D Guidance on Reporting Additional IM Testing Capabilities
 Quality Management System? Health & Safety System? Environmental Management System? Other relevant general standards? 	 Qualification? Training? Expertise? Experience? Capability? History? 	<list-item><list-item><list-item></list-item></list-item></list-item>	 Seven spreadsheets One for each type of IM test One for common instrumentation The test organization's capability to go beyond mandatory requirements?



Could be carried out as a self-audit or a formal audit

Should be reported in a standardized format

WE DID IT OUR WAY

The Project Team & The Project Plan

- One Project Team: Three subgroup leaders
- Three subgroups

IM technical parts

- One subgroup leader
- Two subgroup members
- Part B, C & D
- IM test reports
- Final report

Totally six people involved

Measurement related issues

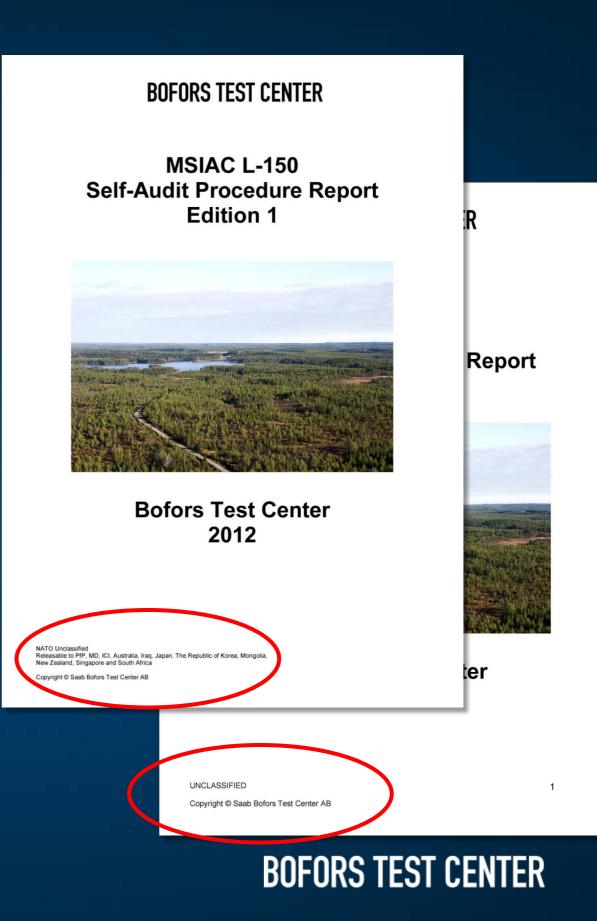
- One subgroup leader
- One subgroup member
- Part B & C

Quality & environment

- One subgroup leader
- Part A & B

THE REPORTS

- One "UNCLASSFIED"
 - Does not contain Part A-D
- •One "NATO Unclassified"
 - Contain Part A-D
- Both of them contain detailed information about:
 - Test facilities
 - Instrumentation
 - Staff knowledge and expertise
 - Limitations associated with safety, environment and environmental impact
 - Environment protection plans and emergency plans
 - IM and HC test sites
 - General technical IM reports



WHO WE REALLY ARE



















• Work, work, work...

Time consuming

• Worth all efforts invested!



A FINAL ADVICE

"If you are going to perform IM tests at a test site of which you have limited knowledge – always ask for their MSIAC L-150 Self-Audit Procedure. That would give you the first important impression of their level of seriousness and professionalism."

