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Module 4 PQ Test and GAP Analysis

M. Merens

IAA, Air Navigation Bureau

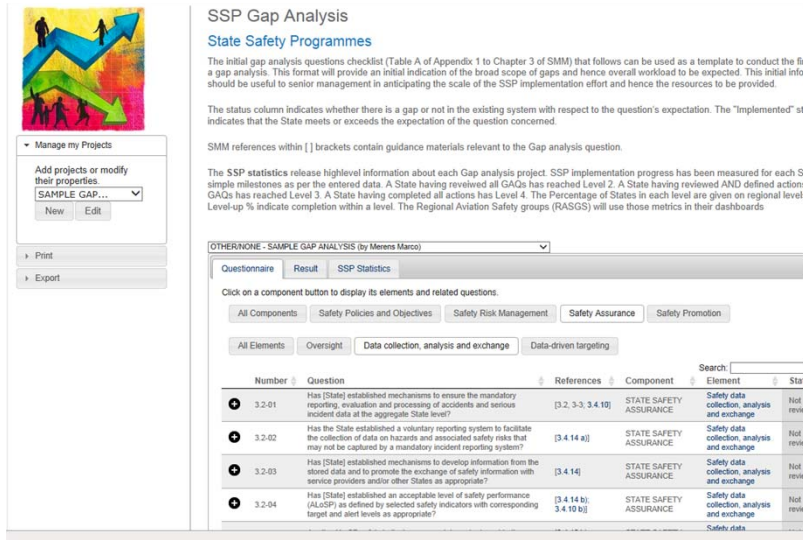


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iSTARS Tools

- PQ Tester to find relevant USOAP Questions
- SSP GAP Analysis to find relevant SSP elements and questions



SSP Gap Analysis
State Safety Programmes

The initial gap analysis questions checklist (Table A of Appendix 1 to Chapter 3 of SMM) that follows can be used as a template to conduct the first gap analysis. This format will provide an initial indication of the broad scope of gaps and hence overall workload to be expected. This initial info should be useful to senior management in anticipating the scale of the SSP implementation effort and hence the resources to be provided.

The status column indicates whether there is a gap or not in the existing system with respect to the question's expectation. The "Implemented" status indicates that the State meets or exceeds the expectation of the question concerned.

SMM references within [] brackets contain guidance materials relevant to the Gap analysis question.

The SSP statistics release highlevel information about each Gap analysis project. SSP Implementation progress has been measured for each State simple milestones as per the entered data. A State having reviewed all GAGs has reached Level 2. A State having reviewed AND defined actions GAGs has reached Level 3. A State having completed all actions has Level 4. The Percentage of States in each level are given on regional levels. Level-up % indicate completion within a level. The Regional Aviation Safety groups (RASGS) will use those metrics in their dashboards

OTHERNONE - SAMPLE GAP ANALYSIS (by Merens Marco)

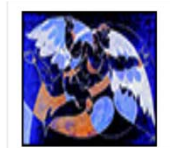
Questionnaire Result SSP Statistics

Click on a component button to display its elements and related questions.

All Components Safety Policies and Objectives Safety Risk Management Safety Assurance Safety Promotion

All Elements Oversight Data collection, analysis and exchange Data-driven targeting

Number	Question	References	Component	Element	State
3.2-01	Has [State] established mechanisms to ensure the mandatory reporting, evaluation and processing of accidents and serious incident data at the aggregate State level?	[3.2, 3.3, 3.4.10]	STATE SAFETY ASSURANCE	Safety data collection, analysis and exchange	Not review
3.2-02	Has the State established a voluntary reporting system to facilitate the collection of data on hazards and associated safety risks that may not be captured by a mandatory incident reporting system?	[3.4.14 a)]	STATE SAFETY ASSURANCE	Safety data collection, analysis and exchange	Not review
3.2-03	Has [State] established mechanisms to develop information from the stored data and to promote the exchange of safety information with service providers and/or other States as appropriate?	[3.4.14]	STATE SAFETY ASSURANCE	Safety data collection, analysis and exchange	Not review
3.2-04	Has [State] established an acceptable level of safety performance (ALSP) as defined by selected safety indicators with corresponding target and alert levels as appropriate?	[3.4.14 b), 3.4.10 b)]	STATE SAFETY ASSURANCE	Safety data collection, analysis and exchange	Not review



Export to CSV

- Export the full list of PQs
- Export the PQ test results
- Export the results by State

PQ Tester
USOAP Protocol Questions

This apps allows you to test the status of any protocol question across multiple States. Results can be viewed by PQ as well as by State (tab #2)

Just select a few PQs using the checkboxes in the list below, a region or State you want to test and click "run test". The results will be displayed in the table. You can export the results by using the menu on the left

Protocol Questions Test Results by State

Select a test group and some protocol questions to test

World Show selected PQs only

View group composition

Area filter: All LEG ORG PEL OPS AIR AIG ANS AGA

CE filter: All CE-1 CE-2 CE-3 CE-4 CE-5 CE-6 CE-7 CE-8

Run Test

Number	Question	CE	References	PQ EI (%)	S/UIN	Applicability (%)	Toggle
1.001	Has the State promulgated primary aviation legislation (including civil aviation acts, laws, decrees, resolutions, etc.) to enable it to address its obligations as a signatory to the Chicago Convention?	1	LEG	---	---	---	<input type="checkbox"/>
1.005	Does the primary aviation legislation provide for the introduction/adoption and subsequent promulgation of civil aviation regulations?	1	LEG	---	---	---	<input type="checkbox"/>
1.007	Does the State's rule-making process ensure the timely promulgation of specific operating regulations in compliance	2	LEG	---	---	---	<input type="checkbox"/>



PQ EI

- **Each protocol question is given effective implementation (EI)**
- **PQ EI = Percentage of States having this PQ satisfactory**
- **Applicability = Percentage of States to which this PQ applies**



PQ Tester Exercises

- Find relevant PQs for aerodrome certification
- Determine the EI for those PQs for SAM
- Which PQs are the most satisfactory/unsatisfactory?



GAP Analysis Exercise

- **Create a new project (State=“None”)**
- **Invite your neighbour to participate**
- **Mark questions 2.4, 2.6, 1.1, 1.4 and 3.4 as fully implemented**
- **Mark questions 2.5 as non implemented**
- **Mark question 4.2 as non implemented. Add an action and a date. Write some comments**
- **Print your report**



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THANK YOU