

**30<sup>th</sup> COSCAP-SA STEERING COMMITTEE MEETING**

**Phase V Programme Progress Report  
Discussion Paper 2 (DP-2)**

(Presented by the CTA)

**SUMMARY**

The purpose of this paper is to outline the progress made to achieve programme objectives as stated in the COSCAP-SA Programme Document Phase V and other additional objectives approved at the Steering Committee Meetings.

**INTRODUCTION**

The Co-operative Development of Operational Safety and Continuing Airworthiness - South Asia (COSCAP SA) under the aegis of ICAO, is a joint programme of eight SAARC countries, namely India, Pakistan, Nepal, Bhutan, Afghanistan, Bangladesh, Sri Lanka and Maldives. Delegation also includes donors and industry participants e.g. Airbus, Boeing, EASA-EC, ICAO, COSCAP-SA, and the DGCA France.

The programme is aimed in assisting the participant States in developing regulations and standards and to improve their independent oversight capabilities.

The programme is directed by a Steering Committee consisting of the Directors General of the eight States. ICAO Headquarters and Regional Office Bangkok carry out oversight and guidance to the programme and the Chief Technical Advisor/Programme Coordinator, manages the programme day to day operations.

The Programme commenced in 1997 and is presently in Phase V (2019 - 2023).

**IMMEDIATE OBJECTIVES AND ACTIVITIES**

The COSCAP-SA Steering Committee formally assigned priorities against the objectives and activities contained in the Phase V subsequent to the 29<sup>nd</sup> Steering Committee Meeting and determined that these be reviewed at each SC Meeting. The following criteria were utilized for assigning priorities for Phase V by the Steering Committee Members:

- i. High – Work to achieve the objectives will be continuous.
- ii. Medium – Work to achieve the objectives will be carried out as time permits.
- iii. Low – Little or no work will be carried out to achieve the objectives.

*Note 1: All Objectives will be achieved through an approved Annual Work Plan (AWP).*

*Note 2: Objective with 'High Priority' will be completed as per the approved AWP while 'Medium' Objectives will be achieved resource and time permitting.*

*Note 3: New performance indicators and targets have been developed for each of the objectives and included in the document 'Proposed Objectives and Activities'. These indicators and targets are user friendly and can easily measure the performance of the programme on an annual basis.*

### **1.0 IMMEDIATE OBJECTIVE 1– HIGH PRIORITY**

**Objective:** Develop the South Asia State's regulatory human resources capacity for medium to long-term consolidation and succession through strengthening of Electronic COSCAP Capacity Building Matrix (E-CCBM). The main objective of the COSCAP is to pool resources and standardize to support the efficient and effective implementation of safety oversight among all the APAC sub regions.

#### **Update:**

- Note that several “bugs” were discovered on the new version (2.0) of the E-CCBM and corrective action was being taken.
- To ensure that corrective actions have been properly implemented, a quality assurance exercise was originally scheduled to take place in Bangladesh from November 13-15, 2022 however due to unforeseen circumstances, had been rescheduled to take place in March 2023. Once the E-CCBM is ready for the users, the CTA will schedule virtual training sessions for Member States. The E-CCBM database will also be updated accordingly.

#### **Performance Targets:**

- Increase the number of E-CCBM Experts within each Member State by at least 10 percentage per year as feasibly possible;
- Increase the number of E-CCBM Experts moving up in higher E-CCBM Expert Levels by at least 5 % per year as feasibly possible.

#### **Results:**

- On going.

### **2.0 IMMEDIATE OBJECTIVE 2 – HIGH PRIORITY**

**Objective:** Enhancing the knowledge and skills of the aviation safety professional personnel of COSCAP-SA Members through a variety of formal training courses and on-the-job training.

#### **Update:**

Activities conducted to meet this objective included the following:

Courses/Workshops/Webinars:

**2022 (Courses/Workshop)**

All Member States	Virtual - Second Language Examination Course	January 10-14, 2022
India	On Site - OSAC PEL Initial Course	February 7-25, 2022
All Member States	Virtual - Dangerous Goods - Initial Technical Instructions	February 7-15, 2022
All Member States	Virtual - Dangerous Goods - Recurrent Technical Instructions	February 16-24, 2022
All Member States	Virtual - Dangerous Goods - Initial – Safety Oversight	February 28- March 3, 2022
All Member States	Virtual - Dangerous Goods - Recurrent – Safety Oversight	March 7-10, 2022
COSCAP SA	USOAP CMA OLF webinar – COSCAP SEA	March 8, 2022
All Member States	Flight Data Analysis Workshop – COSCAP SEA	March 9, 2022
Nepal	ANS Oversight Course - AESA	May 9-19, 2022
Nepal	Aerodrome Certification and Oversight Course - AESA	May 23 – June 3, 2022
All Member States	AAIB Webinar on Managing Notifications of an Aircraft Accident – COSCAP SEA	May 24, 2022
All Member States	COSCAP-SEA/EU/EASA Mandatory and Voluntary Safety Reporting Systems Workshop,	May 25, 2022
Maldives	Aerodrome Certification and Oversight Course - AESA	June 5 – 16, 2022
Maldives	ANS Oversight Course - AESA	June 12 – 23, 2022
All Member States	UPRT Seminar - Airbus	July 13, 2022
All States	Effective Usage of Checklists – COSCAP SEA	Aug 4, 2022
Bhutan	SMS Executive Seminar (virtual)	August 25, 2022
Maldives	SMS – Safety Risk Management	August 29-31, 2022
All Member States	IATA Webinar on Controlled Flight Into Terrain Detailed Implementation Plan – COSCAP SEA	Nov 7, 2022*
All Member States	Audit Technique Course VIRTUAL	November Nov 28 – Dec 13,2022
All Member States	CFIT Webinar - Boeing	December 14, 2022
All Member States	UPRT Webinar - Boeing	December 13, 2022
All Member States	ACP/TRE Recurrent Course VIRTUAL	December 19-21, 2022
Nepal/All Member States	Nepal Virtual Audit Technique Course	January 2 – 19, 2023
All Member States	Virtual FOI Initial Course Module 1	Feb 6 – 23, 2023
All Member States	Virtual FOI Initial Course Module 2	Mar 13 – 30, 2023
All Member States	Virtual FOI Initial Course Module 3	Apr 17 – May 4, 2023
All Member States	Virtual ATO Certification Course	May 22 – June 1, 2023
Sri Lanka	Initial PEL Course	March 2023
Pakistan	Initial Airworthiness Course	May 2023
India/All Member States	Initial DCP/TRE Course	TBD
Nepal	SMS/SSP Executive Seminar	TBD

**UPDATE: EASA/COSCAP SA COORDINATED COURSES/WORKSHOPS:**

<b>EASA</b>	<b>Airworthiness</b>	The expert will have a long-term commitment (until May 2024) to the project and will start work at the end of January.
<b>EASA</b>	<b>SMS/SSP</b>	SSP/SMS experts have been providing bilateral support to all countries through video conferencing and to all but Nepal and Bhutan in situ. They have also held regional workshops including all countries.
<b>EASA</b>	<b>Accident Investigation</b>	A proposal has just been launched to external providers to contract this service. It is estimated that the selected expert will be able to start activities in March 2023.
<b>EASA</b>	<b>Resolution of Safety Concerns/Enforcement</b>	SSP/SMS experts have provided this support to countries that have requested it, most recently Sri Lanka and soon others.
<b>EASA</b>	<b>Wildlife Management</b>	A proposal has just been launched to external providers to contract this service as part of the aerodromes support. It is estimated that the selected experts, both external and from some EU NAA, will be able to start activities in March 2023.
<b>COSCAP SA/EASA</b>	<b>Helicopter Workshop (Nepal)</b>	Discussions are already underway with Nepal and Airbus Helicopters to organise this event in March 2023, probably in the week of 06-10 March.
<b>EASA</b>	<b>FRMS</b>	SSP/SMS experts have already provided this support in a regional workshop and there is a specific regional workshop planned to deal with this subject in Q2 2023.

**Performance Targets:**

- Completion of 100% of high priority training requirements in AWP as approved by the SC;
- Completion of 50% of medium priority training requirements in AWP as approved by the SC.

**Results:**

- On track
- A total number of 24 courses/workshops had been delivered in 2022. Six high priority courses were delivered (COSCAP SA and EASA) in 2022. The balance (3 courses) have been scheduled for 2023. 50% of medium priority courses were delivered in 2022.

**3.0 IMMEDIATE OBJECTIVE 3 – HIGH PRIORITY**

**Objective:** The establishment of a dedicated forum/organization to facilitate dialogue and exchange of information and experience on aviation safety matters among COSCAP-SA Member States and promote solutions to common problems as well as provide a vehicle for the harmonization of policies, regulations and procedures related to aviation safety oversight;

**Update:**

COSCAP-SA conducted regular meetings that provide the Member States with platforms that facilitate dialogues and exchange of information. State Visits, the Steering Committee, SARAST, APRAST, National Coordinators and RASG meetings all focus on aviation matters. The CTA conducted the following activities to meet these objectives in 2022:

Visits/Missions/Activities conducted by the COSCAP SA:

**2022 State Visits and COSCAP Programme Activities**

All States	29 <sup>th</sup> COSCAP SA SCM	March 29 – 31, 2022
COSCAP SA/EASA	COSCAP SA//EASA AWP Coordination of activities Virtual	April 12, 2022
COSCAP SA	18 <sup>th</sup> . APRAST	June 20-24, 2022
COSCAP SA	57 <sup>th</sup> . DGCA Conference (VIRTUALLY)	July 4, 2022
Pakistan	State visit and briefing to the new Chairman COSCAP SA	July 21, 2022
Bhutan	State Visit with DGCA	September 14, 2022
All States	15 <sup>th</sup> NC Meeting Virtual	Nov 29-30,2022
All States	24 <sup>th</sup> SARAST meeting Virtual	Dec 1-2, 2022

**Performance Target:**



- One or more SARI OPS/FCL/AIR activities per year;
- One or more NC meeting/s per year;
- RASG-APAC SEIs 75% implemented by COSCAP-SA States with one year of being finalized by RASG/APAC;
- One or more SARAST meeting/s per year; and
- One or more NAST (or equivalent) meeting/s by each Member State per year.

**Results:**

- All targets have been achieved. SARI activities coordinated with EASA as per their 2022 AWP.

**4.0 IMMEDIATE OBJECTIVE 4 – HIGH PRIORITY**

**Objective:** Increase safety oversight capability of Member States in Air Navigation Services (ANS). ANS is the area with second lowest average EI in the SA sub-region and should therefore be improved in order for the GASP safety oversight targets to be met in all areas.

**Update:**

- ANS Expert was recruited for two 6-month contracts effective September 10, 2021 ending October 7, 2022.
- ANS Expert completed a deep ANS PQ Pre-audit and Technical Assistance for Bangladesh, Bhutan, India, Maldives, and Nepal. CAASL requested that the ANS PQ Pre-audit be scheduled for 2023.

**Performance Targets:**

- Recruitment of ANS Expert within first year of Phase V;
- Completion of the Gap Analysis for CE1, CE2, CE5, CE6, CE7 and CE8 within two and half years;
- Completion of final draft of updated Primary Legislation (as required/feasible) and Operating Regulations within three and half years for enactment;
- Completion of final draft of new/updated Guidance Material, updated Regulatory framework for Certification and Regulatory framework for Surveillance within four and half years for implementation;
- Completion of Procedures for Resolution of Safety Concerns within five years.

**Results:**

- Completed.
- Competitive process will be initiated in early 2023 to engage an ANS expert for a 6 month term
- Targets 2-5 is on going
- Coordination of ANS activities was initiated with EASA to ensure coverage and avoidance of duplication of activities.

## 5.0 IMMEDIATE OBJECTIVE 5 – HIGH PRIORITY

**Objective:** Assist within available resources, Member States in their resolution of SSCs, correction of high-risk safety deficiencies, improvement of safety oversight systems, and preparations for USOAP – CMA audits, ICVMs, off-site validations, self-assessments, and developing and implementing Corrective Action Plans for strengthening safety oversight capabilities in respective States, including increasing the effective implementation of the critical elements of safety oversight system as identified by ICAO.

### Update:

#### 2022 USOAP – CMA Activities:

Nepal	AGA PQ Review pre audit	Jan 2 – 14, 2022
Nepal	AIG PQ Review Pre-audit	Jan 10 – Feb 18, 2022
Nepal	AIR PQ Review Pre-audit	Jan 10 – Feb 4, 2022
Nepal	OPS PQ Review Pre-audit	Jan 10 – Feb 4, 2022
Nepal	PEL PQ Review Pre-Audit	Jan 10 – Feb 18, 2022
Nepal	ANS PQ Review Pre-Audit	Feb 21 – Mar 6, 2022
Nepal	AIG Follow up PQ review	Mar 14-17, 2022
Nepal	AIR Follow up PQ review	Mar 14-17, 2022
Nepal	OPS Follow up PQ review	Mar 14 – 17, 2022
Nepal	AGA Follow up PQ review (virtual)	Mar 24 – Apr 5, 2022
Maldives	ANS PQ Review	April 14-21, 2022
Bangladesh	ANS Virtual meeting discussion and preparation for PQ Review Mission	April 20, 2022
Bhutan	ANS Virtual discussion and preparation for PQ Review Mission	April 20, 2022
Bhutan	ANS On site mission for verification of SSC – related PQs CAPs	May 2-13, 2022
Bhutan	AGA On site mission - Pre-audit PQ review	May 2-13, 2022
Bangladesh	ANS Pre-audit PQ review	May 22- June 3, 2022
Bangladesh	AGA Pre- audit PQ review	May 22 – June 3, 2022
Nepal	Re Qualification for Type Rating	July 14, 2022
Maldives	OPS PQ Review Workshop #1	July 3, 5 – 7, 2022
Pakistan	ICAO USOAP Audit Results PQ	July 18-22, 2022
India	ANS Pre Audit PQ review	July 22 – August 5, 2022
Maldives	OPS PQ Review Workshop #2	July 31 – August 7, 2022
Maldives	ANS PQ Review	August 8 – 19, 2022
Maldives	OJT In Flight Inspections – A320 Island Aviation	August 20, 2022
Maldives	OJT Flight Examiner Monitor DHC6	August 21, 2022
Bhutan	ANS PQ review – Pre-audit	September 13 – Oct 1, 2022
Bhutan	OPS PQ review – Pre-audit	September 13 – Oct 1, 2022
Maldives	OPS PQ Review workshop #3	Oct 24-26, 2022
Maldives	OPS PQ Review workshop #4	Oct 31, 2022



**Performance Targets:**

- One Mission to each Member State on request

**Results:**

- **Completed. 29 PQ missions were conducted in 2022. Note that Sri Lanka has requested that all missions be conducted in 2023 once things have stabilized within the country.**

**6.0 IMMEDIATE OBJECTIVE 6 – MEDIUM PRIORITY**

**Objective:** Ensuring a cost-effective approach for obtaining technical assistance including training in the field of aviation safety oversight, through coordination with the Member States to avoid duplication of efforts and allowing the sharing of available resources to the maximum extent.

**Update:**

**TA Missions in 2022:**

Nepal	AGA PQ Review TA	Jan 2 – 14, 2022
Nepal	AIG PQ Review TA	Jan 10 – Feb 18, 2022
Nepal	AIR PQ Review TA	Jan 10 – Feb 4, 2022
Nepal	OPS PQ Review TA	Jan 10 – Feb 4, 2022
Nepal	PEL PQ Review TA	Jan 10 – Feb 18, 2022
Nepal	ANS PQ Review TA	Feb 21 – Mar 6, 2022
Nepal	AIG Follow up TA	Mar 14-17, 2022
Nepal	AIR Follow up TA	Mar 14-17, 2022
Nepal	OPS Follow up TA	Mar 14 – 17, 2022
Nepal	AGA Follow up TA Virtual	Mar 24 – Apr 5, 2022
Maldives	ANS PQ Review TA	April 14-21, 2022
Bangladesh	ANS Virtual meeting discussion and preparation for PQ Review Mission AM	April 20, 2022
Bhutan	ANS Virtual discussion and preparation for PQ Review Mission PM	April 20, 2022
Bhutan	ANS On site mission for verification of SSC – related PQs CAPs and TA	May 2-13, 2022
Bhutan	AGA On site mission - PQ review TA	May 2-13, 2022
Bangladesh	ANS PQ Review TA	May 22- June 3, 2022
Bangladesh	AGA PQ Review TA	May 22 – June 3, 2022
Nepal	Pilot Re-Qualification TA	July 14, 2022
Maldives	OPS PQ Review Workshop #1 - TA	July 3, 5 – 7, 2022
Pakistan	ICAO USOAP Audit Results Review - TA	July 19-21, 2022
India	ANS PQ Review TA	July 22 – August 5, 2022
Maldives	OPS PQ Review Workshop #2 - TA	July 31 – August 7, 2022
Maldives	ANS PQ Review TA	August 8 – 19, 2022
Maldives	In Flight Inspection A320 Island Aviation	August 20, 2022
Maldives	OJT Flight Examiner Monitor DHC6	August 21, 2022
Pakistan	ANS PQ CAP Review Virtual - TA	September 12, 2022
Bhutan	ANS PQ review –TA	September 13 – Oct 1, 2022



<b>Bhutan</b>	<b>OPS PQ review –TA</b>	<b>September 13 – Oct 1, 2022</b>
<b>Maldives</b>	<b>OPS PQ Review workshop #3 - TA</b>	<b>Oct 24-26, 2022</b>
<b>Maldives</b>	<b>OPS PQ Review workshop #4 - TA</b>	<b>Oct 31, 2022</b>

**UPDATE: EASA/COSCAP SA COORDINATED TECHNICAL ASSISTANCE:**

<b>Bhutan</b>	<b>SSP Assessment</b>	SSP/SMS experts have already started this support and there is an on-site visit planned to deal with this subject in the week of 06-11 March 2023.
<b>Bhutan</b>	<b>Helicopter Hazardous Environment</b>	A proposal has just been launched to external providers to contract this service as part of the helicopters support. It is estimated that the selected experts, both external and from the industry, will be able to start activities in mid-February 2023
<b>Bhutan</b>	<b>Legal Assistance for the restructure/reorganize regulations and requirements</b>	An in-house EASA expert with extensive experience in these matters as a member of a civil aviation authority will provide this support to Bhutan (and other countries in need). The work will start during January.
<b>Bhutan</b>	<b>ATCO Licensing and ATC Surveillance</b>	A proposal has just been launched to external providers to contract this service. It is estimated that the selected experts will be able to start activities at the end of January 2023.

**Performance Target:**

- No duplication of Technical Assistance/training activities within the sub region.

**Results:**

- **Completed**
- **30 Technical Assistance activities were provided in 2022. Most of them were conducted in conjunction with the Pre Audits PQ review missions.**

- COSCAP SA and EASA coordinated their annual work plans to provide support to Member States. There was no duplication of activities

## 7.0 IMMEDIATE OBJECTIVE 7 – MEDIUM PRIORITY

**Objective:** Increase safety oversight capability of Member States in Aerodromes and Ground Aides (AGA). Implementation of aerodrome certification, aerodrome SMS, and aerodrome Runway Safety Teams (RSTs) is below the global average and requires improvement in the SA sub-region States.

### Update:

- AGA Expert was recruited for two 4-month contracts effective September 10, 2021 ending June 12, 2022.
- AGA Expert completed a deep AGA PQ Pre-audit and Technical Assistance for Bangladesh, Bhutan, Maldives, and Nepal. CAASL requested that the AGA PQ Pre-audit be scheduled for 2023.

### Performance Targets:

- Recruitment of Aerodrome Expert full time or on short term assignment
- Completion of the Gap Analysis for CE1, CE2, CE5, CE6, CE7 and CE8 within 2 and a half years;
- Completion of final draft of updated Primary Legislation (as required/feasible) and Operating Regulations;
- Completion of final draft of new/updated Guidance Material, updated Regulatory framework for Certification and Regulatory framework for Surveillance within four and half years for implementation;
- Completion of Procedures for Resolution of Safety Concerns

### Results:

- Recruitment of the AGA expert is complete – 2 terms. Last contract ended on June 12, 2022
- Competitive process will be initiated in early 2023 to engage an AGA expert for a 4 month term
- Targets 2-5 is on going
- Coordination of AGA activities was initiated with EASA to ensure coverage and avoidance of duplication of activities.

## 8.0 IMMEDIATE OBJECTIVE 8 – MEDIUM PRIORITY

**Objective:** Assist Member States with the implementation of provisions of Annex 19 – Safety Management. In order to implement Amendment No. 1 to Annex 19 and prepare for the USOAP audits of corresponding new PQs, SA sub-region States need assistance in Safety Management. This is to be focused on the implementation of SSP and regulation and oversight of service providers SMS.



**Update:**

Activities conducted to meet this objective included the following:

- SMS components in the OPS, AGA, ANS, PEL and AIR areas were integrated within the TA (PQ reviews)
- SMS/SRA Workshop conducted within the Maldives
- Executive SMS Seminar conducted for Bhutan
- SMS/SSP training courses have been coordinated with the EASA SA Project and integrated within their 2022-23 AWP

**Performance Targets:**

- SMS completed within 4 years for existing international operations for:
  - Air operators
  - Approved Maintenance Organizations
  - Approved Training Organizations
  - Air Traffic Service
  - Providers
  - Certified Aerodromes;
- All new operators have an accepted SMS prior to certification;
- SSP completed within 4 years for all Member States by GASP timeline of 2022;
- Safety Data base for the sub region established within 5 years.

**Results:**

- Most operators within Member states have established SMS requirements. All new operators are required to have an SMS prior to certification.
- SSP for Member States are currently under development to be established and implemented by 2023.
- SMS/SSP courses delivery by EASA in 2022 and 2023
- SSP development is on going
- Database development is currently under discussion