



ICAO SOUTH AMERICAN REGIONAL OFFICE

MNEMONIC PAPER – AGA02

Virtual Seminar on Surface Guidance and Control Systems (SMGCS)	
Regional strategy	<p>In a general sense, an SMGCS system provides guidance and control of an aircraft from the runway to the apron parking position, and from this position to the take-off runway, as well as other movements in the movement area.</p> <p>Although the controlled aerodromes have some form of SMGCS, in most aerodromes these are not properly documented, they are not reviewed collaboratively according to the changes in traffic intensity and sometimes they are not analyzed from an avoiding incursion on the slopes perspective.</p> <p>This virtual seminar aims to show the general concept of SMGCS and its difference in relation to A-SMGCS (which sometimes tends to be confused) in order for States to review their requirements and ensure that aerodrome operators properly document these. Systems, to guarantee both operational safety in the movement area, as well as the efficiency of aircraft movement on the ground.</p> <p>To achieve this, the Office proposes:</p> <ul style="list-style-type: none"> ✓ Create awareness of the available documentation (even though it is more than two decades old, it is still valid). ✓ Identify existing gaps that prevent suppliers from achieving an acceptable level of operational safety in their processes. ✓ Implementation of measures agreed by the States (at the local or regional level) -To be defined.
ICAO Strategic Objectives	<p>A- Operational Safety B- Capacity and Efficiency of Air Navigation.</p>
Activities held by the SAM Region	<ul style="list-style-type: none"> ✓ This would be the first ICAO SAM activity on this specific topic in the last 5 years
Status of the SAM Region in terms of implementation	<p>Currently, 54% of SAM States comply with SMGCS requirements (USOAP audit results), however, several States have not been recently audited and may have the need to review compliance with these requirements.</p>
Activity objective	<p>This virtual seminar aims to show the general concept of SMGCS and its difference in relation to A-SMGCS (which sometimes tends to be confused) in order for States to review their requirements and ensure that aerodrome operators properly</p>

	document these. Systems, to guarantee both operational safety in the movement area, as well as the efficiency of aircraft movement on the ground.
Nature of the event	<ul style="list-style-type: none"> ✓ Presentations by experts in the field and representatives of stakeholders (ICAO HQ and CANSO) ✓ Presentation of international experiences (EASA) ✓ Presentation from aerodrome operators (ACI)
Competences to be generated by this event	Participants are expected to gain knowledge of the available guidance material, so that they gain competencies to review their current requirements and the operators' compliance with the international requirement.
Participants profile	<ul style="list-style-type: none"> ✓ States CAAs AGA Inspectors ✓ Air Navigation Service Providers (Tower Controllers, ANS inspectors) ✓ Aerodrome Operators
Next steps for the development of the strategy	<ul style="list-style-type: none"> ✓ Get feedback on the event ✓ Compile information and data ✓ Implementation decision making
Regional framework update	Depending on the results of the event, future actions could be planned to include SMGCS aspects in high-level group discussions, such as GREPECAS or RASGPA.
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