

IIM/SG5 WP3.1D5 Appendix 1 – Alignment of the IIM MET Projects to the Sixth Edition of the GANP

Assigned and completed
 Assigned and not started
 Newly assigned
 Assigned and ongoing
 Additional element (to be assigned)

		Current Projects				Restructured Project		
		Additional elements	MET1	MET2	MET3	METx1	METx2	METx3
AMET-B0/1	AWOS							
	Local Report							
	Aerodrome report							
	Lighting information							
	Ground based weather radar info							
	MET SAT imagery							
	A/C MET report							
	Vertical wind & Temp profile							
	Volcano Observatory Notice for Aviation (VONA)							
	Wind shear alert							

		Current Projects			Restructured Project			
		Additional elements	MET1	MET2	MET3	METx1	METx2	METx3
AMET-B0/2	WAFS							
	SIGWX							
	TAF							
	Trend							
	Take-off forecast							
	Tropical Cyclone Advisory (TCA)							
	Volcanic Ash Advisory (VAA)							
	SIGMET							
	AD WRNG							
Wind shear warning								
AMET-B0/3	Aerodrome climatological tables and Aerodrome climatological summaries							
	Historical meteorological observations, forecasts, advisories, and warnings in support of incident and accident investigations.							

		Current Projects			Restructured Project			
		Additional elements	MET1	MET2	MET3	METx1	METx2	METx3
AMET-B0/4	TAC format					Blue	Vertical Lines	Horizontal Lines
	Gridded data					Blue	Vertical Lines	Horizontal Lines
	Graphical format					Blue	Vertical Lines	Horizontal Lines
	BUFR Code					Blue	Vertical Lines	Horizontal Lines
	IWXXM (in XML/GML)		Yellow			Yellow	Vertical Lines	Horizontal Lines
	AFS (AMBEX Scheme)			Red		Blue	Vertical Lines	Horizontal Lines
AMET-B1/1	TAC format					Vertical Lines	Blue	Horizontal Lines
	Gridded data					Vertical Lines	Blue	Horizontal Lines
	IWXXM (in XML/GML)					Vertical Lines	Blue	Horizontal Lines
	AFS (AMBEX Scheme)					Vertical Lines	Blue	Horizontal Lines
	SWX				Yellow	Vertical Lines	White	Yellow
AMET-B1/2	RODB TAC request/reply					Vertical Lines	Blue	SWX
	RODB IWXXM request/reply					Vertical Lines	Blue	SWX

		Current Projects				Restructured Project		
		Additional elements	MET1	MET2	MET3	METx1	METx2	METx3
	Gridded							SWX
	AFS Addressing (AMBEX Procedures)							SWX
								SWX
AMET-B1/3	Enhanced climatological information							SWX
AMET-B1/4	RODB IWXXM request/reply							SWX
	Gridded data /Products							SWX
	ICAO Meteorological Information Exchange Model (IWXXM) format							SWX



Assigned and completed
Assigned and not started



Assigned and ongoing
Newly assigned



Additional element (to be assigned)

Aligned MET Project 1	Aligned MET Project 2	Aligned MET Project 3
<p>MET Project 1 : <i>Provision of global, regional and local meteorological products/Information</i></p> <p>Scope</p> <p>The Project will benefit all AFI States and interested Organizations and will cover the implementation of the following MET ASBU elements.</p> <ul style="list-style-type: none"> • AMET-B0/1 Meteorological observations products • AMET-B0/2 Meteorological forecast and warning products • AMET-B0/3 Climatological and historical meteorological products • AMET-B0/4 Dissemination of meteorological products <p>Rationale</p> <ol style="list-style-type: none"> a) Alignment of the project’s references with the groups, threads, elements of ASBU modules introduced by the 6th edition of the GANP and applicable to the AFI region in MET area. b) Low level of implementation of AMET-B0 module applicable elements in the region. 	<p>MET Project 2: <i>Provision of meteorological information in the ICAO Meteorological Information Exchange Model (IWXXM) format</i></p> <p>Scope</p> <p>The Project will benefit all AFI States and interested Organizations and will cover the implementation of the following MET ASBU elements.</p> <ul style="list-style-type: none"> • AMET-B1/1 Meteorological observations information • AMET-B1/2 Meteorological Forecast and Warning Information • AMET-B1/3 Climatological and historical meteorological information • AMET-B1/4 Dissemination of Meteorological Information <p><i>Note: AMET-B1 related to SWX information requirements is implemented by APIRG IIM MET Project 3</i></p> <p>Rationale</p> <ol style="list-style-type: none"> a) Alignment of the project’s references with the groups, threads, elements of ASBU modules introduced by the 6th edition of the GANP and applicable to the AFI region in MET area. b) Annex 3 to Chicago Convention requirements for the provision of space weather advisory information as of 5 November 2020 in IWXXM GML form, in addition to the dissemination of this advisory information in abbreviated plain 	<p>MET Project 3: <i>Implementation of Annex3 provision relating to space weather requirements within the AFI Region</i></p> <p>Scope</p> <p>The Project will benefit all AFI States and interested Organizations and will cover the implementation of the following MET ASBU elements.</p> <ul style="list-style-type: none"> • AMET-B1/1 (Space Weather Events) • AMET-B1/2 (Space Weather Events) • AMET-B1/3 (Space Weather) • AMET B1/4 (Space Weather) <p>Rationale</p> <ol style="list-style-type: none"> d) Alignment of the project’s references with the groups, threads, elements of ASBU modules introduced by the 6th edition of the GANP and applicable to the AFI region in MET area. e) Annex 3 to Chicago Convention requirements for the provision of space weather advisory information as of 5 November 2020 in IWXXM GML form,

Aligned MET Project 1	Aligned MET Project 2	Aligned MET Project 3
<p>Objectives Within the scope of the Project, the main purpose will be to:</p> <ul style="list-style-type: none"> a) Assist States to review and conduct gap analysis between their National ASBU Plans and the Regional Air Navigation Plan. b) Assist States in updating their National Plans to integrate ASBU elements applicable in their area. c) Assist States in the implementation of State ASBU implementation action plan. d) Report on the implementation of project activities. <p>Metrics The progress of the Project will be monitored through the evaluation of the implementation status using the following metrics.</p> <ul style="list-style-type: none"> • Metric 1 : % of States with AMET-B0/1 implemented by December 2024 	<p>language. c) Low level of implementation of AMET-B1 applicable element regarding space weather information in the region.</p> <p>Objectives Within the scope of the Project, the main purpose will be to:</p> <ul style="list-style-type: none"> a) Assist States to review and conduct gap analysis between their National ASBU Plans and the Regional Air Navigation Plan. b) Assist States in updating their National Plans to integrate ASBU elements applicable in their area. c) Assist States in the implementation of State ASBU implementation action plan. d) Report on the implementation of project activities. <p>Metrics The progress of the Project will be monitored through the evaluation of the implementation status using the following metrics.</p> <ul style="list-style-type: none"> • Metric 1 : % of States with AMET-B1/1 implemented by December 2024 	<p>in addition to the dissemination of this advisory information in abbreviated plain language. f) Low level of implementation of AMET-B1 applicable element regarding space weather information in the region.</p> <p>Objectives Within the scope of the Project, the main purpose will be to:</p> <ul style="list-style-type: none"> a) Assist States to review and conduct gap analysis between their National ASBU Plans and the Regional Air Navigation Plan. b) Assist States in updating their National Plans to integrate ASBU elements applicable in their area. c) Assist States in the implementation of State ASBU implementation action plan. d) Report on the implementation of project activities. <p>Metrics The progress of the Project will be monitored through the evaluation of the implementation status using the following metrics.</p>

Aligned MET Project 1	Aligned MET Project 2	Aligned MET Project 3																																																												
<ul style="list-style-type: none"> Metric 2 : % of States with AMET-B0/2 implemented by December 2024 Metric 3 : % of States with AMET-B0/3 implemented by December 2024 Metric 4 : % of States with AMET-B0/4 implemented by December 2024 <p>Targets of the project The Project targets will be as follows.</p> <table border="1" data-bbox="226 678 728 887"> <thead> <tr> <th>Metric</th> <th>Baseline (2022)</th> <th>Milestone, 2023</th> <th>Target, 2024</th> </tr> </thead> <tbody> <tr> <td>M-1</td> <td>30%</td> <td>50%</td> <td>80%</td> </tr> <tr> <td>M-2</td> <td>30%</td> <td>50%</td> <td>80%</td> </tr> <tr> <td>M-3</td> <td>10%</td> <td>50%</td> <td>80%</td> </tr> <tr> <td>M-4</td> <td>30%</td> <td>50%</td> <td>80%</td> </tr> </tbody> </table> <p>End of Project Status At the end of the Project, the following is expected to be achieved:</p> <ol style="list-style-type: none"> 70% of States with AMET-B0/1, AMET-B0/2, AMET-B0/3 and AMET-B0/4 implemented in the region. The reporting on the Project implementation is consistently achieved. 	Metric	Baseline (2022)	Milestone, 2023	Target, 2024	M-1	30%	50%	80%	M-2	30%	50%	80%	M-3	10%	50%	80%	M-4	30%	50%	80%	<ul style="list-style-type: none"> Metric 2 : % of States with AMET-B1/2 implemented by December 2024 Metric 3 : % of States with AMET-B1/3 implemented by December 2024 Metric 4 : % of States with AMET-B1/4 implemented by December 2024 <p>Targets of the project The Project targets will be as follows.</p> <table border="1" data-bbox="889 608 1391 817"> <thead> <tr> <th>Metric</th> <th>Baseline (2022)</th> <th>Milestone, 2023</th> <th>Target, 2024</th> </tr> </thead> <tbody> <tr> <td>M-1</td> <td>5%</td> <td>30%</td> <td>80%</td> </tr> <tr> <td>M-2</td> <td>5%</td> <td>30%</td> <td>80%</td> </tr> <tr> <td>M-3</td> <td>5%</td> <td>30%</td> <td>80%</td> </tr> <tr> <td>M-4</td> <td>5%</td> <td>30%</td> <td>80%</td> </tr> </tbody> </table> <p>End of Project Status At the end of the Project, the following is expected to be achieved:</p> <ol style="list-style-type: none"> 80% of States with AMET-B1/1, AMET-B1/2, AMET-B1/3 and AMET-B1/4 implemented in the region The reporting on the Project implementation is consistently achieved. 	Metric	Baseline (2022)	Milestone, 2023	Target, 2024	M-1	5%	30%	80%	M-2	5%	30%	80%	M-3	5%	30%	80%	M-4	5%	30%	80%	<ul style="list-style-type: none"> Metric 1 : % of States with AMET-B1/1 (SWX) implemented by December 2024 Metric 2 : % of States with AMET-B1/2 (SWX) implemented by December 2024 Metric 2 : % of States with AMET-B1/3 (SWX) implemented by December 2024 Metric 2 : % of States with AMET-B1/4 (SWX) implemented by December 2024 <p>Targets of the project The Project targets will be as follows.</p> <table border="1" data-bbox="1552 722 2054 932"> <thead> <tr> <th>Metric</th> <th>Baseline (2022)</th> <th>Milestone, 2023</th> <th>Target, 2024</th> </tr> </thead> <tbody> <tr> <td>M-1</td> <td>0%</td> <td>30%</td> <td>70%</td> </tr> <tr> <td>M-2</td> <td>0%</td> <td>30%</td> <td>70%</td> </tr> <tr> <td>M-3</td> <td>0%</td> <td>30%</td> <td>70%</td> </tr> <tr> <td>M-4</td> <td>0%</td> <td>30%</td> <td>70%</td> </tr> </tbody> </table> <p>End of Project Status At the end of the Project, the following is expected to be achieved:</p> <ol style="list-style-type: none"> 10% of States with SWX related AMET-B1/1, AMET-B1/2, AMET-B1/3 and AMET-B1/4 implemented in the region The reporting on the Project implementation is consistently achieved. 	Metric	Baseline (2022)	Milestone, 2023	Target, 2024	M-1	0%	30%	70%	M-2	0%	30%	70%	M-3	0%	30%	70%	M-4	0%	30%	70%
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Aligned MET Project 1	Aligned MET Project 2	Aligned MET Project 3
<p>Dependencies</p> <p>All APIRG specifically projects related to:</p> <ul style="list-style-type: none"> • COMI-B0/7 - ATS Message Handling System (AMHS) 	<p>Dependencies</p> <p>All APIRG specifically projects related to:</p> <ul style="list-style-type: none"> • AMET-B0 <i>Provision of global, regional and local meteorological products/Information</i> • COMI-B0/7 - ATS Message Handling System (AMHS) • COMI-B0/1 - Aircraft Communication Addressing and Reporting System (ACARS) • ASUR-B0/3 - Cooperative Surveillance Radar Downlink of Aircraft Parameters (SSR-DAPS) • DAIM-B1/1 - Provision of quality-assured aeronautical data and information • DAIM-B1/2 - Provision of digital Aeronautical Information Publication (AIP) data sets 	<p>Dependencies</p> <p>All APIRG specifically projects related to:</p> <ul style="list-style-type: none"> • COMI-B0/7 - ATS Message Handling System (AMHS) • COMI-B0/1 - Aircraft Communication Addressing and Reporting System (ACARS) • ASUR-B0/3 - Cooperative Surveillance Radar Downlink of Aircraft Parameters (SSR-DAPS) • DAIM-B1/1 - Provision of quality-assured aeronautical data and information • DAIM-B1/2 - Provision of digital Aeronautical Information Publication (AIP) data sets