SADIS COST RECOVERY & ADMINISTRATIVE GROUP (SCRAG)

TWENTY-SIXTH MEETING

(Virtual Meeting, 3 December 2025)

<u>2024 ACTUAL SADIS COSTS</u>

(Presented by the United Kingdom)

REFERENCES
SADIS Agreement SCRAG Reports 1-25 METP WG-MOG/3 Report METP WG-MOG/4 Report METP WG-MOG/6 Report METP WG-MOG/10 Report METP WG-MOG/13 Report METP WG-MOG/15 Report METP WG-MOG/18 Report METP WG-MOG/22 Report METP WG-MOG/26 Report METP WG-MOG/30 Report

1.   INTRODUCTION

1.1   Article IX of the SADIS Agreement identifies that the United Kingdom shall furnish on or before 30 June of each year, a statement of the actual costs of the SADIS, expressed in pounds sterling, for the previous calendar year. These costs are identified in table 1 and 2 at the end of this document.

1.2   The format of the table is similar to that provided for previous years and is consistent with information provided in the SADIS Inventory.

2   DISCUSSION

2.1 Notes relate to the actual costs for 2024 and forecast costs for 2025

a. **Message Switch**
These charges related to the routing of data through into SADIS FTP, but are no-longer a separate charge, and from 2023 onwards these is no cost attributed to this. It is still listed here as it was initially included as an estimate at SCRAG24 before being removed.

b. **SADIS FTP AWS server running costs**
The cost of operating SADIS FTP using Amazon Web Services (AWS) Cloud computing reflects all the individual elements that make up SADIS and has been optimised to minimise costs. Optimisation to the system implemented in 2024 led to reduced operating costs compared to the initial estimate at SCRAG24.

c. **SADIS API running costs**
The cost of operating the new SADIS API, hosted on AWS cloud computing infrastructure, for each of the three elements that make up the service. The elements providing WAFS gridded data and OPMET data became operational on 19 March 2024, and the WAFS SIGWX part became operational in early 2025. The operating costs have been higher than initially estimated due to a more rapid uptake in users on the SADIS API than was originally anticipated.

d. **First Line Support costs**
This includes 24x7 incident handling functions (call and e-mail) provided by the Met Office Service Desk. A support sum is allocated ahead of each year, but final totals for the year will reflect on how well SADIS operated that year.

e. **Second Line Support**
This includes 24x7 system monitoring and incident handling functions to ensure the timely resolution of any SADIS operating problems. A support sum is allocated ahead of each year, but final totals for the year will reflect on how well SADIS operated that year.

f. **Third and Fourth Line Support**
This includes incident investigation and resolution as well as the administration of SADIS user accounts and data routing. Fourth line support includes using the expertise of the developers who built current incarnation of SADIS in the AWS environment. A support sum is allocated ahead of each year, but final totals for the year will reflect on how well SADIS operated that year.

g. **Additional support**
Administrative and professional support is provided by the specified staff functions for administering the SADIS service, and for cost recovery processes.

h. Travel Costs
Actual travel and subsistence costs for Met Office staff to attend appropriate Met Panel Working Groups (Meteorological Operations Group, WG-MOG, in relation to SADIS) and SCRAG meetings are included here. In 2024 the MOG meeting was held in Exeter, United Kingdom, whilst in 2025 it was held in Kansas City, USA.

i. Cost of Capital
Cost of capital for 2024 has been calculated using the revised methodology applied in 2008 and described in SCRAG/10 WP/13.

j. Administrative costs (bank charges, couriered invoices etc)
Following SCRAG Conclusion 14/7, this item includes costs relating to the processing of invoices (usually when administration charges reduce the amount actually received by the SADIS Provider by a small amount), or the cost of couriered invoices where normal surface mail is unreliable.

2.2   Notes on SADIS Gateway Costs

k. NATS gateway costs
The NATS SADIS Gateway Costs are as described in SCRAG19 - WP/16 and were simplified for future NATS gateways costs.

l. Other costs
System maintenance relates to the systems used to manage the OPMET data flow to SADIS.

m. T&RE
This covers travel costs that relate to the 2023 and 2024 WG-MOG SADIS and SCRAG meetings.

2.3   Notes on CAA and ICAO Administration Costs

n. CAA Administration Costs
UK Met Authority Regulatory oversight will no longer be billed to SADIS.

o. ICAO Administration costs are detailed in WP/4.

3   ACTION

3.1   The SCRAG/26 is requested to note the cost information provided by the United Kingdom and approve for these costs to be recovered from States within the Cost Recovery Scheme.

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APPENDIX

TABLE 1: 2023 and 2024 Met Office SADIS Costs

INVENTORY REF:	Note	DESCRIPTION	2024 Actual (Jan-Dec)	2024 Revised Estimate (SCRAG25)	2024 Estimate (SCRAG24)	2025 Revised Estimate (SCRAG26)	2025 Estimate (SCRAG25)
UK MET OFFICE COSTS							
1. Equipment							
Not procured principally for SADIS							
message switch	a		0	0	3,000	0	0
SADIS FTP AWS Server running costs	b		35,021	35,000	50,000	36,800	35,000
SADIS API OPMET running costs	c		11,440	14,000	15,000	21,400	18,000
SADIS API WAFS Gridded data running costs	c		31,334	34,000	38,000	42,000	42,000
SADIS API WAFS SIGWX running costs	c		-	-	1,000	18,800	5,000
		Equipment sub total	**77,795**	**83,000**	**107,000**	**119,000**	**100,000**
3. Annual Staff Requirements							
Operating Support							
	d	First Line Support	2,599	2,600	5,500	3,500	4,000
	e	Second Line Support	3,889	2,700	15,000	4,000	4,000
	f	Third and Fourth Line Support	10,088	10,700	25,000	20,000	20,000
4. Additional Support							
Administrator	g	Executive Officer	70,695	70,000	73,500	71,000	71,000
International Aviation Management	g	Aviation Manager	8,051	8,500	9,000	8,200	8,600
Contract Procurement and Management	g	Senior Procurement Officer	1,906	1,700	2,000	1,600	1,800
Invoice Administration	g	Finance Officer & Business Acct	8,693	13,000	14,000	9,200	13,500
5. Travel Costs	h	METP-WG/MOG meetings & SCRAG	0	0	500	2000	2,000
		Staff Requirement and travel sub t	**105,921**	**109,200**	**144,500**	**119,500**	**124,900**
Administrative costs	i	Cost of Capital	23,681	21,500	20,000	24,000	22,000
	j	Admin charges	189	200	400	200	300
		Total UKMO Costs	**207,586**	**213,900**	**271,900**	**262,700**	**247,200**

TABLE 2: 2023 and 2024 NATS, ICAO and CAA Costs

INVENTORY REF:	Note	DESCRIPTION	2024 Actual (Jan-Dec)	2024 Revised Estimate (SCRAG25)	2024 Estimate (SCRAG24)	2025 Revised Estimate (SCRAG26)	2025 Estimate (SCRAG25)
3. NATS Gateway Costs							
Staff Costs							
Operational Staff	k	Air Traffic Services Asst.	261,699	261,699	261,699	276,092	276,092
Engineering Staff	k	Maintenance Engineer	8,624	8,624	8,624	9,098	9,098
Administration Staff	k	Administration Officer	36,387	36,387	36,387	38,388	38,388
		Staff Costs sub total	**306,710**	**306,710**	**306,710**	**323,578**	**323,578**
Other Costs							
System Maintenance	l		10,745	10,745	10,745	11,145	11,145
T&RE	l		226	226	1,684	0	4,000
		Total NATS Gateway Costs	**317,681**	**317,681**	**319,139**	**334,723**	**338,723**
4. CAA Administration Costs	m		0	0	1,000	0	1,000
5. ICAO Administration Costs	n		37,536	29,804	29,804	35,000	30,339
		TOTAL SADIS COSTS	**562,803**	**561,385**	**621,843**	**632,423**	**617,262**

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