

SADIS COST RECOVERY ADMINISTRATIVE GROUP (SCRAG)

TWENTY-THIRD MEETING

(Virtual meeting, 30 November 2022)

**Agenda Item 4: Review of estimated SADIS costs and cost shares for the period
1 January to 31 December 2023**

SUMMARY OF ESTIMATED COSTS AND ASSESSMENTS FOR THE YEAR 2023

(Presented by the Secretariat)

REFERENCES

SADIS Agreement
SCRAG/22 Report
SCRAG/21 Report

1. Introduction

1.1 This paper presents the estimated costs of providing the SADIS services in 2022 and the assessments of the States participating in the SADIS Cost Allocation and Recovery (SCAR) Arrangement for the year 2023.

2. Estimated SADIS Costs for the Period 1 January to 31 December 2023

2.1 Table 1 below presents a summary of the estimated SADIS costs for the period 1 January to 31 December 2023. Details of these estimated costs are included in SCRAG/23-WP/9.

TABLE 1

Cost Item	Estimated Costs 2023 (UK £)
UK Met Office	206 600
UK NATS (SADIS Gateway)	314 163
UK CAA administrative costs	1 000
Sub-total UK	521 763
ICAO support services costs	32 500
TOTAL	554 263

3. Cost Shares for the Period 1 January to 31 December 2021

3.1 In accordance with Article XI, paragraph 4 of the SADIS Agreement, any under-recovery of costs for the year 2021 arising from the failure of a Party to pay the SADIS cost share attributable to it for that year shall be added to the total SADIS costs to be shared for the year 2023. In addition, any subsequent remittance is deducted from the total costs to be shared. An under-recovery of costs for 2021 resulted in a increase in the assessment for 2023.

3.2 Table 2 below presents a summary of the calculation of the amount to be assessed under the SADIS Agreement for 2023.

TABLE 2

		(UK £)	References
(1)	Actual costs for 2021	471 079	SCRAG/23-WP/7
(2)	Under-recovery for 2019	13 628	SCRAG/21 Report, Table 2
(3)	Subject to collection for 2021	484 707	(1) + (2)
(4)	Collected from States for 2021 (as at 1 November 2022)	-488 875	SCRAG/23-WP/6 (table 1)
(5)	Collected from States for years prior to 2021 (as at 1 November 2022)	0	SCRAG/23-WP/6 (table 2)
(6)	Over-recovery for 2021 (to be subtracted from the assessments for 2023)	-4 168	(3) + (4) + (5)
(7)	Estimated costs for 2023	554 263	TABLE 1
(8)	Amount to be assessed for 2023	550 095	(6) + (7)

3.3 The amount to be assessed for 2023 (£550 095) represents the estimated costs for 2023 (£554 263) minus the over-recovery of 2021 (-£4 168). The under-recovery of 2021 is the amount subject to collection for 2021 (£484 707), less the amounts collected for 2021 (£488 875) and less the amounts collected for years prior to 2021, had any prior amount been collected..

4. Working Paper Attachments

4.1 Attachment A – Estimated Cost Shares and Assessments

Attachment A shows, for the period 1 January to 31 December 2023, the estimated cost share to be borne by each State receiving the SADIS service, based on their 2021 available tonne-kilometres in scheduled services (ATKs), increased by their share of the under-recovery for 2021, in accordance with Article XI, paragraph 4 of the SADIS Agreement.

For purposes of determining State assessments, ATKs increased by 8.2 per cent in 2021 compared to 2020 ATKs. The fluctuation of each State's ATKs however varied. In accordance with Article XI, paragraph 1 of the SADIS Agreement the apportionment of costs between States is based on the total number of ATKs in scheduled international and domestic services. As a result, States, which maintained a high level of domestic, or cargo services throughout 2021, may have a higher apportionment of the total cost of the SADIS services for the year in comparison to their proportion of 2020 or prior year ATKs as the current year apportionment may not be consistent with pre-pandemic results.

Three States, Estonia (0.000% share of total cost for the 2022 Assessment), Gabon (0.0003% share of total cost for the 2022 Assessment) and North Macedonia (0.0054% share of total cost for the 2022 Assessment), did not perform scheduled services during 2021 and were therefore not assessed for 2023.

The total of the Attachment A columns (£ Sterling) are shown below:

Share of 2023 Estimated Cost	Share of 2021 under-recovery (Table 2, line 6)	2023 Assessment
£554 263	-£4 168	£550 095

4.2 Attachment B – Amounts to be Billed

Attachment B shows, for the period 1 January to 31 December 2023, the assessment for each State receiving the SADIS service (Attachment A), increased by the amount by which the total estimated cost for the year 2021 was below the actual costs for 2021 (Attachment to SCRAG/23-WP/7), in accordance with Article XI, paragraph 3 of the SADIS Agreement. The amount to be billed may also be reduced by unused credit balances from previous years.

The total of the Attachment B columns are shown below:

Adjustment for 2021 (SCRAG/23-WP/7)	2023 Assessment	Credits applied	Amount to be Billed for 2023
-£51 870.97	£550 095	-£839.50	£497 384.53

5. Action by the Group

5.1 The Group is invited to:

- a) review the estimated costs of providing the SADIS services for the period 1 January to 31 December 2023 totaling £554 263, presented in Table 1 above;
- b) note the information presented in paragraphs 3.1 to 3.3 and sections 4.1 to 4.2 above;
- c) determine the assessments for the period 1 January to 31 December 2023 of the States participating in the SCAR scheme in 2023 on the basis of their number of ATKs for 2021, as presented in Attachment A; and
- d) determine the amount to be billed for the period 1 January to 31 December 2023 of the States participating in the SCAR scheme in 2023 on the basis of the adjustments to their assessment, as presented in Attachment B.

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ATTACHMENT A
ESTIMATED COST SHARES AND ASSESSMENTS
FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2023 *

STATES	2021 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2023 Estimated Costs (£ Sterling)	Share of Under-recovery for 2021 (£ Sterling)	Amount to be Assessed for 2023 (£ Sterling)
Albania	20 196	0.004%	23.12	- 0.17	22.95
Algeria	242 251	0.050%	277.38	- 2.09	275.29
Armenia	37 776	0.008%	43.25	- 0.33	42.92
Australia	6 808 273	1.406%	7 795.65	- 58.62	7 737.03
Austria	3 563 241	0.736%	4 080.00	- 30.68	4 049.32
Azerbaijan	3 547 981	0.733%	4 062.53	- 30.55	4 031.98
Bahrain	2 009 829	0.415%	2 301.31	- 17.31	2 284.00
Belgium	3 277 665	0.677%	3 753.01	- 28.22	3 724.79
Bosnia and Herzegovina	1 532	0.000%	1.75	- 0.01	1.74
Botswana	0	0.000%	0.00	0.00	0.00
Bulgaria	12 272	0.003%	14.05	- 0.11	13.94
Cabo Verde	2 312	0.000%	2.65	- 0.02	2.63
Cameroon	13 324	0.003%	15.26	- 0.11	15.15
China: - Beijing	119 168 355	24.618%	136 450.81	-1 026.10	135 424.71
- Hong Kong	12 864 826	2.658%	14 730.55	- 110.77	14 619.78
- Macao	227 111	0.047%	260.05	- 1.96	258.09
Congo	5 344	0.001%	6.12	- 0.05	6.07
Côte d'Ivoire	166 481	0.034%	190.62	- 1.43	189.19
Croatia	111 572	0.023%	127.75	- 0.96	126.79
Cyprus	96 013	0.020%	109.94	- 0.83	109.11
Czechia	672 186	0.139%	769.67	- 5.79	763.88
Denmark	1 248 265	0.258%	1 429.30	- 10.75	1 418.55
Egypt	3 302 883	0.682%	3 781.89	- 28.44	3 753.45
Equatorial Guinea	2 449	0.001%	2.80	- 0.02	2.78
Estonia	0	0.000%	0.00	0.00	0.00
Eswatini	1 411	0.000%	1.62	- 0.01	1.61
Finland	2 531 271	0.523%	2 898.37	- 21.80	2 876.57
France	41 218 308	8.515%	47 196.01	- 354.91	46 841.10
Gabon	0	0.000%	0.00	0.00	0.00
Georgia	43 345	0.009%	49.63	- 0.37	49.26
Germany	21 214 439	4.383%	24 291.07	- 182.67	24 108.40
Ghana	27 275	0.006%	31.23	- 0.23	31.00
Greece	1 268 511	0.262%	1 452.48	- 10.92	1 441.56
Hungary	4 171 536	0.862%	4 776.52	- 35.92	4 740.60
Iceland	917 825	0.190%	1 050.93	- 7.90	1 043.03
India	14 147 468	2.923%	16 199.21	- 121.82	16 077.39
Indonesia	7 433 049	1.536%	8 511.03	- 64.00	8 447.03
Ireland	11 049 017	2.283%	12 651.41	- 95.14	12 556.27
Israel	1 924 685	0.398%	2 203.81	- 16.57	2 187.24
Italy	2 571 840	0.531%	2 944.82	- 22.14	2 922.68
Jordan	908 954	0.188%	1 040.78	- 7.83	1 032.95
Kazakhstan	1 664 237	0.344%	1 905.59	- 14.33	1 891.26
Kenya	2 763 268	0.571%	3 164.01	- 23.79	3 140.22
Kuwait	807 021	0.167%	924.06	- 6.95	917.11
Kyrgyzstan	34 773	0.007%	39.82	- 0.30	39.52
Latvia	495 086	0.102%	566.89	- 4.26	562.63

ATTACHMENT A (cont'd)
ESTIMATED COST SHARES AND ASSESSMENTS
FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2023 *

STATES	2021 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2023 Estimated Costs (£ Sterling)	Share of Under-recovery for 2021 (£ Sterling)	Amount to be Assessed for 2023 (£ Sterling)
Libya	133 189	0.028%	152.50	- 1.15	151.35
Lithuania	262	0.000%	0.30	0.00	0.30
Luxembourg	12 006 003	2.480%	13 747.18	- 103.38	13 643.80
Maldives	19 770	0.004%	22.64	- 0.17	22.47
Malta	145 279	0.030%	166.35	- 1.25	165.10
Mauritius	317 239	0.066%	363.25	- 2.73	360.52
Montenegro	199	0.000%	0.23	0.00	0.23
Morocco	2 041 489	0.422%	2 337.56	- 17.58	2 319.98
Namibia	156	0.000%	0.18	0.00	0.18
Netherlands	16 000 204	3.305%	18 320.64	- 137.77	18 182.87
Nigeria	631 198	0.130%	722.74	- 5.43	717.31
North Macedonia	0	0.000%	0.00	0.00	0.00
Norway	1 990 631	0.411%	2 279.32	- 17.14	2 262.18
Oman	964 506	0.199%	1 104.38	- 8.30	1 096.08
Pakistan	1 476 103	0.305%	1 690.18	- 12.71	1 677.47
Poland	1 559 716	0.322%	1 785.91	- 13.43	1 772.48
Portugal	3 494 436	0.722%	4 001.22	- 30.09	3 971.13
Qatar	40 732 712	8.415%	46 639.99	- 350.73	46 289.26
Republic of Moldova	131 324	0.027%	150.37	- 1.13	149.24
Romania	378 406	0.078%	433.28	- 3.26	430.02
Saudi Arabia	10 348 928	2.138%	11 849.79	- 89.11	11 760.68
Senegal	87 814	0.018%	100.55	- 0.76	99.79
Serbia	300 399	0.062%	343.96	- 2.59	341.37
Seychelles	33 327	0.007%	38.16	- 0.29	37.87
Slovakia	1 089	0.000%	1.25	- 0.01	1.24
Slovenia	2 246	0.000%	2.57	- 0.02	2.55
South Africa	1 316 800	0.272%	1 507.77	- 11.34	1 496.43
Spain	10 540 346	2.177%	12 068.97	- 90.76	11 978.21
Sweden	843 573	0.174%	965.91	- 7.26	958.65
Switzerland	5 676 513	1.173%	6 499.75	- 48.88	6 450.87
Tajikistan	67 870	0.014%	77.71	- 0.58	77.13
Thailand	2 893 082	0.598%	3 312.65	- 24.91	3 287.74
Tunisia	417 396	0.086%	477.93	- 3.59	474.34
Turkey	31 933 701	6.597%	36 564.90	- 274.96	36 289.94
Ukraine	0	0.000%	0.00	0.00	0.00
United Arab Emirates	42 549 066	8.790%	48 719.77	- 366.36	48 353.41
United Kingdom	18 899 807	3.904%	21 640.78	- 162.74	21 478.04
Uzbekistan	878 935	0.182%	1 006.40	- 7.57	998.83
Viet Nam	2 637 882	0.545%	3 020.44	- 22.71	2 997.73
Zimbabwe	14 648	0.003%	16.77	- 0.13	16.64
TOTAL	484 061 700	100.000%	554 263.00	-4 168.00	550 095.00

* Excludes exempted Least Developed Countries, States for which the access to SADIS is not operational and States which do not receive SADIS service.

ATTACHMENT B
AMOUNTS TO BE BILLED
FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2023
(£ Sterling)

STATES	Adjustment for 2021 (SCRAG/23-WP/7)	Assessment for 2023 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2023
Albania	- 0.72	22.95	- 22.23	0.00
Algeria	- 367.72	275.29		- 92.43
Armenia	10.02	42.92	- 18.27	34.67
Australia	- 8 513.23	7 737.03		- 776.20
Austria	- 650.15	4 049.32		3 399.17
Azerbaijan	2 786.19	4 031.98		6 818.17
Bahrain	194.21	2 284.00		2 478.21
Belarus	- 51.64	0.00		- 51.64
Belgium	- 497.23	3 724.79		3 227.56
Bosnia and Herzegovina	- 0.04	1.74	- 1.70	0.00
Botswana	- 10.34	0.00		- 10.34
Bulgaria	- 77.90	13.94		- 63.96
Cabo Verde	- 114.61	2.63		- 111.98
Cameroon	- 10.19	15.15	- 4.96	0.00
China: - Beijing	3 675.49	135 424.71		139 100.20
- Hong Kong	- 9 829.29	14 619.78		4 790.49
- Macao	- 310.90	258.09		- 52.81
Congo	- 26.21	6.07		- 20.14
Côte d'Ivoire	- 84.76	189.19		104.43
Croatia	- 27.90	126.79		98.89
Cyprus	61.98	109.11	- 171.09	0.00
Czechia	34.08	763.88	- 7.34	790.62
Denmark	- 243.26	1 418.55		1 175.29
Egypt	- 92.47	3 753.45		3 660.98
Equatorial Guinea	- 27.70	2.78		- 24.92
Estonia	- 0.04	0.00		- 0.04
Eswatini	- 1.00	1.61		0.61
Finland	- 1 702.01	2 876.57		1 174.56
France	16 602.44	46 841.10		63 443.54
Gabon	- 1.77	0.00		- 1.77
Georgia	- 72.55	49.26		- 23.29
Germany	- 5 876.63	24 108.40		18 231.77
Ghana	2.09	31.00		33.09
Greece	148.78	1 441.56		1 590.34
Hungary	- 453.69	4 740.60		4 286.91
Iceland	- 452.94	1 043.03	- 590.09	0.00
India	- 4 388.65	16 077.39		11 688.74
Indonesia	- 2 529.46	8 447.03		5 917.57
Iraq	- 457.98	0.00		- 457.98
Ireland	- 4 416.03	12 556.27		8 140.24
Israel	- 824.84	2 187.24		1 362.40
Italy	- 2 182.62	2 922.68		740.06
Jordan	- 172.78	1 032.95		860.17
Kazakhstan	343.68	1 891.26		2 234.94
Kenya	686.37	3 140.22		3 826.59
Kuwait	- 1 470.40	917.11		- 553.29

ATTACHMENT B (cont'd)
AMOUNTS TO BE BILLED
FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2023
(£ Sterling)

STATES	Adjustment for 2021 (SCRAG/23-WP/7)	Assessment for 2023 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2023
Kyrgyzstan	- 173.82	39.52		- 134.30
Latvia	- 55.92	562.63		506.71
Libya	- 50.12	151.35		101.23
Lithuania	- 0.14	0.30	- 0.16	0.00
Luxembourg	4 352.41	13 643.80		17 996.21
Maldives	- 67.17	22.47		- 44.70
Malta	- 132.68	165.10		32.42
Mauritius	- 466.62	360.52		- 106.10
Montenegro	- 36.59	0.23		- 36.36
Morocco	- 645.96	2 319.98		1 674.02
Namibia	- 41.44	0.18		- 41.26
Netherlands	355.46	18 182.87		18 538.33
Nigeria	265.05	717.31		982.36
North Macedonia	- 29.89	0.00		- 29.89
Norway	- 2 421.34	2 262.18		- 159.16
Oman	- 1 731.18	1 096.08		- 635.10
Pakistan	- 526.68	1 677.47		1 150.79
Poland	- 682.24	1 772.48		1 090.24
Portugal	- 982.65	3 971.13		2 988.48
Qatar	7 886.40	46 289.26		54 175.66
Republic of Moldova	- 56.40	149.24		92.84
Romania	- 209.43	430.02		220.59
Russian Federation	5 752.37	0.00		5 752.37
Saudi Arabia	892.63	11 760.68		12 653.31
Senegal	42.21	99.79		142.00
Serbia	- 15.88	341.37		325.49
Seychelles	- 25.01	37.87	- 12.86	0.00
Slovakia	- 0.17	1.24		1.07
Slovenia	- 60.58	2.55		- 58.03
South Africa	- 2 520.69	1 496.43		- 1 024.26
Spain	- 1 944.94	11 978.21		10 033.27
Sweden	- 653.37	958.65		305.28
Switzerland	- 1 665.16	6 450.87		4 785.71
Tajikistan	- 154.21	77.13		- 77.08
Thailand	- 10 985.81	3 287.74		- 7 698.07
Tunisia	- 135.31	474.34		339.03
Turkey	7 555.80	36 289.94		43 845.74
Ukraine	- 622.93	0.00		- 622.93
United Arab Emirates	- 13 204.93	48 353.41		35 148.48
United Kingdom	- 13 690.59	21 478.04		7 787.45
Uzbekistan	132.61	998.83		1 131.44
Viet Nam	- 3 715.90	2 997.73		- 718.17
Zimbabwe	- 5.84	16.64	- 10.80	0.00
TOTAL	- 51 870.97	550 095.00	- 839.50	497 384.53

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