

SADIS COST RECOVERY ADMINISTRATIVE GROUP (SCRAG)

TWENTY-SECOND MEETING

(Virtual, 8 December 2021)

**Agenda Item 4: Review of estimated SADIS costs and cost shares for the period
1 January to 31 December 2022**

SUMMARY OF ESTIMATED COSTS AND ASSESSMENTS FOR THE YEAR 2022

(Presented by the Secretariat)

REFERENCES

SADIS Agreement
SCRAG/21 Report
SCRAG/20 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 2022.

2. Estimated SADIS Costs for the Period 1 January to 31 December 2022

2.1 Table 1 below presents a summary of the estimated SADIS costs for the period 1 January to 31 December 2022. Details of these estimated costs are included in SCRAG/22-WP/9.

TABLE 1

Cost Item	Estimated Costs 2022 (UK £)
UK Met Office	200 600
UK NATS (SADIS Gateway)	282 900
UK CAA administrative costs	1 000
Sub-total UK	484 500
ICAO support services costs	36 250
TOTAL	520 750

3. Cost Shares for the Period 1 January to 31 December 2020

3.1 In accordance with Article XI, paragraph 4 of the SADIS Agreement, any under-recovery of costs for the year 2020 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 2022. Also, any subsequent remittance is deducted from the total costs to be shared. An under-recovery of costs for 2020 resulted in a increase in the assessment for 2022.

3.2 Table 2 below presents a summary of the calculation of the amount to be assessed under the SADIS Agreement for 2022.

TABLE 2

		(UK £)	References
(1)	Actual costs for 2020	510 220	SCRAG/22-WP/7
(2)	Over-recovery for 2018	-35 247	SCRAG/20 Report, Table 2
(3)	Subject to collection for 2020	474 973	(1) + (2)
(4)	Collected from States for 2020 (as at 2 November 2021)	-432 481	SCRAG/22-WP/6 (table 1)
(5)	Collected from States for years prior to 2020 (as at 2 November 2021)	0	SCRAG/22-WP/6 (table 2)
(6)	Under-recovery for 2020 (to be added to the assessments for 2022)	42 492	(3) + (4) + (5)
(7)	Estimated costs for 2022	520 750	TABLE 1
(8)	Amount to be assessed for 2022	563 242	(6) + (7)

3.3 The amount to be assessed for 2022 (£563 242) represents the estimated costs for 2022 (£520 750) plus the under-recovery of 2020 (£42 492). The under-recovery of 2020 is the amount subject to collection for 2020 (£474 973), less the amounts collected for 2020 (£432 481) and less the amounts collected for years prior to 2020, 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 2022, the estimated cost share to be borne by each State receiving the SADIS service, based on their 2020 available tonne-kilometres in scheduled services (ATKs), increased by their share of the under-recovery for 2020, in accordance with Article XI, paragraph 4 of the SADIS Agreement.

For purposes of determining State assessments, ATKs decreased by 50.61 per cent in 2020 compared to 2019 ATKs. The decrease related to each individual State 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 services throughout 2020, may have a higher apportionment of the total cost of the SADIS services for the year in comparison to their proportion of 2019 ATKs.

Three States, Botswana (0.002% share of total cost in 2019), Estonia (0.000% share of total cost in 2019) and Montenegro (0.007% share of total cost in 2019), did not perform scheduled services during 2020 and were therefore not assessed for 2022.

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

Share of 2022 Estimated Cost	Share of 2020 under-recovery (Table 2, line 6)	2022 Assessment
£520 750	£42 492	£563 242

4.2 Attachment B – Amounts to be Billed

Attachment B shows, for the period 1 January to 31 December 2022, the assessment for each State receiving the SADIS service (Attachment A), increased by the amount by which the total estimated cost for the year 2020 was below the actual costs for 2020 (Attachment to SCRAG/22-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 2020 (SCRAG/22-WP/7)	2022 Assessment	Credits applied	Amount to be Billed for 2022
£3 665	£563 242	-£1 417.59	£565 489.41

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 2021 totaling £520 750, 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 2022 of the States participating in the SCAR scheme in 2022 on the basis of their number of ATKs for 2020, as presented in Attachment A; and
- d) determine the amount to be billed for the period 1 January to 31 December 2022 of the States participating in the SCAR scheme in 2022 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 2022 *

STATES	2020 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2022 Estimated Costs (£ Sterling)	Share of Under-recovery for 2020 (£ Sterling)	Amount to be Assessed for 2022 (£ Sterling)
Albania	13 678	0.003%	15.92	1.30	17.22
Algeria	236 193	0.053%	274.83	22.43	297.26
Armenia	10 155	0.002%	11.82	0.96	12.78
Australia	8 369 914	1.870%	9 739.12	794.69	10 533.81
Austria	2 453 546	0.548%	2 854.91	232.95	3 087.86
Azerbaijan	3 501 381	0.782%	4 074.16	332.44	4 406.60
Bahrain	1 048 164	0.234%	1 219.63	99.52	1 319.15
Belarus	243 672	0.054%	283.53	23.14	306.67
Belgium	3 079 140	0.688%	3 582.85	292.35	3 875.20
Bosnia and Herzegovina	824	0.000%	0.96	0.08	1.04
Botswana	0	0.000%	0.00	0.00	0.00
Bulgaria	89 029	0.020%	103.59	8.45	112.04
Cabo Verde	113 572	0.025%	132.15	10.78	142.93
Cameroon	2 266	0.001%	2.64	0.22	2.86
China: - Beijing	113 998 396	25.472%	132 646.98	10 823.69	143 470.67
- Hong Kong	14 981 398	3.348%	17 432.15	1 422.42	18 854.57
- Macao	203 912	0.046%	237.27	19.36	256.63
Congo	17 699	0.004%	20.59	1.68	22.27
Côte d'Ivoire	142 515	0.032%	165.83	13.53	179.36
Croatia	88 283	0.020%	102.72	8.38	111.10
Cyprus	32 220	0.007%	37.49	3.06	40.55
Czechia	288 198	0.064%	335.34	27.36	362.70
Denmark	1 032 342	0.231%	1 201.22	98.02	1 299.24
Egypt	2 553 854	0.571%	2 971.63	242.48	3 214.11
Equatorial Guinea	19 325	0.004%	22.49	1.83	24.32
Estonia	0	0.000%	0.00	0.00	0.00
Eswatini	976	0.000%	1.14	0.09	1.23
Finland	2 437 613	0.545%	2 836.37	231.44	3 067.81
France	15 915 046	3.556%	18 518.53	1 511.07	20 029.60
Gabon	1 528	0.000%	1.78	0.15	1.93
Georgia	34 454	0.008%	40.09	3.27	43.36
Germany	16 410 239	3.667%	19 094.73	1 558.09	20 652.82
Ghana	19 292	0.004%	22.45	1.83	24.28
Greece	726 974	0.162%	845.90	69.02	914.92
Hungary	3 434 980	0.768%	3 996.90	326.14	4 323.04
Iceland	627 904	0.140%	730.62	59.62	790.24
India	13 134 260	2.935%	15 282.85	1 247.04	16 529.89
Indonesia	7 607 851	1.700%	8 852.39	722.33	9 574.72
Ireland	8 786 699	1.963%	10 224.08	834.26	11 058.34
Israel	2 247 046	0.502%	2 614.63	213.35	2 827.98
Italy	3 334 114	0.745%	3 879.53	316.56	4 196.09
Jordan	503 462	0.112%	585.82	47.80	633.62
Kazakhstan	1 056 120	0.236%	1 228.89	100.27	1 329.16
Kenya	1 328 843	0.297%	1 546.22	126.17	1 672.39
Kuwait	606 996	0.136%	706.29	57.63	763.92
Kyrgyzstan	54 478	0.012%	63.39	5.17	68.56
Latvia	348 212	0.078%	405.17	33.06	438.23

ATTACHMENT A (cont'd)
ESTIMATED COST SHARES AND ASSESSMENTS
FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2022 *

STATES	2020 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2022 Estimated Costs (£ Sterling)	Share of Under-recovery for 2020 (£ Sterling)	Amount to be Assessed for 2022 (£ Sterling)
Libya	151 969	0.034%	176.83	14.43	191.26
Lithuania	14 539	0.003%	16.92	1.38	18.30
Luxembourg	10 759 895	2.404%	12 520.07	1 021.61	13 541.68
Maldives	103 768	0.023%	120.74	9.85	130.59
Malta	162 945	0.036%	189.60	15.47	205.07
Mauritius	339 428	0.076%	394.95	32.23	427.18
Montenegro	0	0.000%	0.00	0.00	0.00
Morocco	1 310 771	0.293%	1 525.20	124.45	1 649.65
Namibia	17 816	0.004%	20.73	1.69	22.42
Netherlands	15 412 062	3.444%	17 933.26	1 463.31	19 396.57
Nigeria	398 249	0.089%	463.40	37.81	501.21
North Macedonia	24 030	0.005%	27.96	2.28	30.24
Norway	1 801 123	0.402%	2 095.76	171.01	2 266.77
Oman	964 159	0.215%	1 121.88	91.54	1 213.42
Pakistan	1 595 431	0.356%	1 856.42	151.48	2 007.90
Poland	1 183 020	0.264%	1 376.55	112.32	1 488.87
Portugal	2 718 297	0.607%	3 162.97	258.09	3 421.06
Qatar	35 866 107	8.014%	41 733.31	3 405.34	45 138.65
Republic of Moldova	70 893	0.016%	82.49	6.73	89.22
Romania	344 557	0.077%	400.92	32.71	433.63
Russian Federation	25 803 791	5.766%	30 024.94	2 449.97	32 474.91
Saudi Arabia	8 632 868	1.929%	10 045.09	819.66	10 864.75
Senegal	67 705	0.015%	78.78	6.43	85.21
Serbia	229 033	0.051%	266.50	21.75	288.25
Seychelles	32 222	0.007%	37.49	3.06	40.55
Slovakia	297	0.000%	0.35	0.03	0.38
Slovenia	8 394	0.002%	9.77	0.80	10.57
South Africa	1 673 455	0.374%	1 947.21	158.89	2 106.10
Spain	6 656 733	1.487%	7 745.68	632.03	8 377.71
Sweden	714 663	0.160%	831.57	67.85	899.42
Switzerland	4 743 361	1.060%	5 519.31	450.36	5 969.67
Tajikistan	137 468	0.031%	159.96	13.05	173.01
Thailand	6 527 000	1.458%	7 594.73	619.71	8 214.44
Tunisia	348 269	0.078%	405.24	33.07	438.31
Turkey	22 156 092	4.951%	25 780.53	2 103.63	27 884.16
Ukraine	508 791	0.114%	592.02	48.31	640.33
United Arab Emirates	39 494 773	8.825%	45 955.57	3 749.89	49 705.46
United Kingdom	19 747 342	4.412%	22 977.73	1 874.94	24 852.67
Uzbekistan	518 559	0.116%	603.39	49.24	652.63
Viet Nam	5 113 136	1.143%	5 949.58	485.47	6 435.05
Zimbabwe	48 992	0.011%	57.01	4.65	61.66
TOTAL	447 538 766	100.000%	520 750.00	42 492.00	563 242.00

* 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 2022
(£ Sterling)

STATES	Adjustment for 2020 (SCRAG/22-WP/7)	Assessment for 2022 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2022
Albania	0.43	17.22	- 17.65	0.00
Algeria	- 338.35	297.26		- 41.09
Armenia	3.89	12.78	- 16.67	0.00
Australia	- 5 375.72	10 533.81		5 158.09
Austria	704.54	3 087.86		3 792.40
Azerbaijan	3 652.60	4 406.60	- 1 207.56	6 851.64
Bahrain	- 693.28	1 319.15		625.87
Belarus	141.98	306.67		448.65
Belgium	207.67	3 875.20		4 082.87
Bosnia and Herzegovina	0.64	1.04	- 1.68	0.00
Botswana	- 10.20	0.00		- 10.20
Bulgaria	- 25.59	112.04		86.45
Cabo Verde	57.26	142.93		200.19
Cameroon	- 24.52	2.86		- 21.66
China: - Beijing	33 466.62	143 470.67		176 937.29
- Hong Kong	- 4 951.02	18 854.57		13 903.55
- Macao	- 222.12	256.63		34.51
Congo	- 24.51	22.27		- 2.24
Côte d'Ivoire	78.03	179.36		257.39
Croatia	- 29.06	111.10		82.04
Cyprus	- 3.77	40.55	- 36.78	0.00
Czechia	- 370.04	362.70		- 7.34
Denmark	- 102.01	1 299.24		1 197.23
Egypt	- 54.32	3 214.11		3 159.79
Equatorial Guinea	- 5.81	24.32		18.51
Estonia	- 1.12	0.00		- 1.12
Eswatini	- 0.32	1.23		0.91
Finland	- 922.83	3 067.81		2 144.98
France	- 2 203.62	20 029.60		17 825.98
Gabon	0.08	1.93	- 2.01	0.00
Georgia	- 81.90	43.36		- 38.54
Germany	- 6 366.72	20 652.82		14 286.10
Ghana	7.71	24.28		31.99
Greece	- 129.41	914.92		785.51
Hungary	976.01	4 323.04		5 299.05
Iceland	- 1 482.35	790.24		- 692.11
India	- 3 374.01	16 529.89		13 155.88
Indonesia	- 2 523.89	9 574.72		7 050.83
Iraq	32.23	0.00		32.23
Ireland	- 3 944.67	11 058.34		7 113.67
Israel	- 70.95	2 827.98		2 757.03
Italy	- 508.81	4 196.09		3 687.28
Jordan	- 451.41	633.62		182.21
Kazakhstan	- 66.99	1 329.16		1 262.17
Kenya	325.41	1 672.39		1 997.80
Kuwait	- 1 523.16	763.92		- 759.24

ATTACHMENT B (cont'd)
AMOUNTS TO BE BILLED
FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2022
(£ Sterling)

STATES	Adjustment for 2020 (SCRAG/22-WP/7)	Assessment for 2022 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2022
Kyrgyzstan	5.29	68.56		73.85
Latvia	- 18.11	438.23		420.12
Libya	8.62	191.26		199.88
Lithuania	16.55	18.30	- 34.85	0.00
Luxembourg	2 089.79	13 541.68		15 631.47
Maldives	48.28	130.59		178.87
Malta	- 100.73	205.07		104.34
Mauritius	- 454.95	427.18		- 27.77
Montenegro	- 40.29	0.00		- 40.29
Morocco	- 927.17	1 649.65		722.48
Namibia	- 175.61	22.42		- 153.19
Netherlands	3 808.26	19 396.57		23 204.83
Nigeria	93.57	501.21		594.78
North Macedonia	- 1.58	30.24		28.66
Norway	- 2 092.38	2 266.77		174.39
Oman	- 1 200.78	1 213.42		12.64
Pakistan	12.60	2 007.90		2 020.50
Poland	- 373.54	1 488.87		1 115.33
Portugal	- 775.15	3 421.06		2 645.91
Qatar	13 846.55	45 138.65		58 985.20
Republic of Moldova	- 77.98	89.22		11.24
Romania	- 126.46	433.63		307.17
Russian Federation	6 272.05	32 474.91		38 746.96
Saudi Arabia	1 615.47	10 864.75		12 480.22
Senegal	77.50	85.21		162.71
Serbia	2.09	288.25		290.34
Seychelles	- 41.94	40.55		- 1.39
Slovakia	0.35	0.38		0.73
Slovenia	- 87.09	10.57		- 76.52
South Africa	- 1 710.60	2 106.10		395.50
Spain	- 3 200.27	8 377.71		5 177.44
Sweden	- 484.37	899.42		415.05
Switzerland	- 1 345.94	5 969.67		4 623.73
Tajikistan	13.35	173.01		186.36
Thailand	- 5 729.64	8 214.44		2 484.80
Tunisia	- 151.57	438.31		286.74
Turkey	4 578.54	27 884.16		32 462.70
Ukraine	- 802.85	640.33		- 162.52
United Arab Emirates	- 2 848.05	49 705.46		46 857.41
United Kingdom	- 10 218.51	24 852.67		14 634.16
Uzbekistan	0.00	652.63		652.63
Viet Nam	350.35	6 435.05		6 785.40
Zimbabwe	38.73	61.66	- 100.39	0.00
TOTAL	3 665.00	563 242.00	- 1 417.59	565 489.41