

# **SADIS COST RECOVERY ADMINISTRATIVE GROUP (SCRAG)**

## **TWENTY-FIRST MEETING**

(Virtual, 1 December 2020)

**Agenda Item 4: Review of estimated SADIS costs and cost shares for the period  
1 January to 31 December 2021**

### **SUMMARY OF ESTIMATED COSTS AND ASSESSMENTS FOR THE YEAR 2021**

(Presented by the Secretariat)

#### **REFERENCES**

SADIS Agreement  
SCRAG/20 Report  
SCRAG/19 Report

#### **1. Introduction**

1.1 This paper presents the estimated costs of providing the SADIS services in 2017 and the assessments of the States participating in the SADIS Cost Allocation and Recovery (SCAR) Arrangement for the year 2021.

#### **2. Estimated SADIS Costs for the Period 1 January to 31 December 2021**

2.1 Table 1 below presents a summary of the estimated SADIS costs for the period 1 January to 31 December 2021. Details of these estimated costs are included in SCRAG/21-WP/9.

**TABLE 1**

Cost Item	Estimated Costs 2021 (UK £)
UK Met Office	207 450
UK NATS (SADIS Gateway)	275 900
UK CAA administrative costs	1 000
Sub-total UK	484 350
ICAO support services costs	38 600
<b>TOTAL</b>	<b>522 950</b>

### 3. Cost Shares for the Period 1 January to 31 December 2019

3.1 In accordance with Article XI, paragraph 4 of the SADIS Agreement, any under-recovery of costs for the year 2019 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 2021. Also, any subsequent remittance is deducted from the total costs to be shared. An over-recovery of costs for 2018 resulted in a decrease in the assessment for 2021.

3.2 Table 2 below presents a summary of the calculation of the amount to be assessed under the SADIS Agreement for 2021.

**TABLE 2**

		(UK £)	References
(1)	Actual costs for 2019	564 515	SCRAG/21-WP/7
(2)	Under-recovery for 2017	1 640	SCRAG/19 Report, Table 2
(3)	Subject to collection for 2019	566 155	(1) + (2)
(4)	Collected from States for 2019 (as at 2 November 2020)	-551 876	SCRAG/21-WP/6 (table 1)
(5)	Collected from States for years prior to 2019 (as at 2 November 2020)	-651	SCRAG/21-WP/6 (table 2)
(6)	Under-recovery for 2019 (to be added to the assessments for 2021)	13 628	(3) + (4) + (5)
(7)	Estimated costs for 2021	522 950	TABLE 1
(8)	Amount to be assessed for 2021	536 578	(6) + (7)

3.3 The amount to be assessed for 2021 (£536 578) represents the estimated costs for 2021 (£522 950) plus the under-recovery of 2019 (£13 628). The under-recovery of 2019 is the amount subject to collection for 2019 (£566 155), less the amounts collected for 2019 (£551 876) and less the amounts collected for years prior to 2019 (£651).

#### 4. Working Paper Attachments

##### 4.1 Attachment A – Estimated Cost Shares and Assessments

Attachment A shows, for the period 1 January to 31 December 2021, the estimated cost share to be borne by each State receiving the SADIS service, based on their 2019 available tonne-kilometres in scheduled services (ATKs), increased by their share of the under-recovery for 2019, in accordance with Article XI, paragraph 4 of the SADIS Agreement.

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

Share of 2021 Estimated Cost	Share of 2019 under-recovery (Table 2, line 6)	2021 Assessment
£522 950	£13 628	<b>£536 578</b>

##### 4.2 Attachment B – Amounts to be Billed

Attachment B shows, for the period 1 January to 31 December 2021, the assessment for each State receiving the SADIS service (Attachment A), decreased by the amount by which the total estimated cost for the year 2019 was above the actual costs for 2019 (Attachment to SCRAG/21-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 2019 (SCRAG/21-WP/7)	2021 Assessment	Credits applied	Amount to be Billed for 2021
-£47 916	<b>£536 578</b>	-£271.25	<b>£488,390.75</b>

#### 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 £522 950, presented in Table 1 above;
- b) note the information presented in paragraphs 3.1 to 3.3 and paragraphs 4.1 to 4.2 above;
- c) determine the assessments for the period 1 January to 31 December 2021 of the States participating in the SCAR scheme in 2021 on the basis of their number of ATKs for 2019, as presented in Attachment A; and
- d) determine the amount to be billed for the period 1 January to 31 December 2021 of the States participating in the SCAR scheme in 2021 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 2021 \***

STATES	2019 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2021 Estimated Costs (£ Sterling)	Share of Under-recovery for 2019 (£ Sterling)	Amount to be Assessed for 2021 (£ Sterling)
Albania	32 926	0.004%	19.00	0.50	19.50
Algeria	1 017 224	0.112%	587.01	15.30	602.31
Armenia	41 901	0.005%	24.18	0.63	24.81
Australia	25 432 328	2.806%	14 676.23	382.46	15 058.69
Austria	6 716 134	0.741%	3 875.68	101.00	3 976.68
Azerbaijan	737 382	0.081%	425.52	11.09	436.61
Bahrain	2 816 182	0.311%	1 625.13	42.35	1 667.48
Belarus	489 859	0.054%	282.68	7.37	290.05
Belgium	6 003 179	0.662%	3 464.25	90.28	3 554.53
Bosnia and Herzegovina	2 477	0.000%	1.43	0.04	1.47
Botswana	17 926	0.002%	10.34	0.27	10.61
Bulgaria	154 248	0.017%	89.01	2.32	91.33
Cabo Verde	202 226	0.022%	116.70	3.04	119.74
Cameroon	38 560	0.004%	22.25	0.58	22.83
China: - Beijing	180 564 619	19.925%	104 198.38	2 715.39	106 913.77
- Hong Kong	37 213 551	4.106%	21 474.82	559.63	22 034.45
- Macau	895 026	0.099%	516.49	13.46	529.95
Congo	53 812	0.006%	31.05	0.81	31.86
Côte d'Ivoire	408 025	0.045%	235.46	6.14	241.60
Croatia	223 364	0.025%	128.90	3.36	132.26
Cyprus	43 202	0.005%	24.93	0.65	25.58
Czechia	995 371	0.110%	574.40	14.97	589.37
Denmark	2 379 649	0.263%	1 373.22	35.79	1 409.01
Egypt	5 341 307	0.589%	3 082.31	80.32	3 162.63
Equatorial Guinea	51 842	0.006%	29.92	0.78	30.70
Estonia	72	0.000%	0.04	0.00	0.04
Eswatini	3 950	0.000%	2.28	0.06	2.34
Finland	6 920 080	0.764%	3 993.37	104.07	4 097.44
France	35 887 000	3.960%	20 709.30	539.68	21 248.98
Gabon	3 063	0.000%	1.77	0.05	1.82
Georgia	193 721	0.021%	111.79	2.91	114.70
Germany	43 461 686	4.796%	25 080.42	653.59	25 734.01
Ghana	39 163	0.004%	22.60	0.59	23.19
Greece	1 732 026	0.191%	999.50	26.05	1 025.55
Hungary	7 329 894	0.809%	4 229.86	110.23	4 340.09
Iceland	2 224 645	0.245%	1 283.78	33.45	1 317.23
India	29 797 548	3.288%	17 195.26	448.11	17 643.37
Indonesia	16 043 150	1.770%	9 258.02	241.26	9 499.28
Iraq	793 628	0.088%	457.98	11.93	469.91
Ireland	24 984 585	2.757%	14 417.85	375.73	14 793.58
Israel	4 448 531	0.491%	2 567.11	66.90	2 634.01
Italy	7 816 577	0.863%	4 510.71	117.55	4 628.26
Jordan	1 725 252	0.190%	995.59	25.94	1 021.53
Kazakhstan	2 015 038	0.222%	1 162.82	30.30	1 193.12
Kenya	3 145 197	0.347%	1 815.00	47.30	1 862.30
Kuwait	3 813 972	0.421%	2 200.93	57.36	2 258.29
Kyrgyzstan	355 761	0.039%	205.30	5.35	210.65
Latvia	873 512	0.096%	504.08	13.14	517.22

**ATTACHMENT A (cont'd)**  
**ESTIMATED COST SHARES AND ASSESSMENTS**  
**FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2021 \***

STATES	2019 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2021 Estimated Costs (£ Sterling)	Share of Under-recovery for 2019 (£ Sterling)	Amount to be Assessed for 2021 (£ Sterling)
Libya	295 779	0.033%	170.69	4.45	175.14
Lithuania	657	0.000%	0.38	0.01	0.39
Luxembourg	11 290 986	1.246%	6 515.69	169.80	6 685.49
Maldives	147 413	0.016%	85.07	2.22	87.29
Malta	457 815	0.051%	264.19	6.88	271.07
Mauritius	1 306 243	0.144%	753.79	19.64	773.43
Montenegro	63 717	0.007%	36.77	0.96	37.73
Morocco	4 321 769	0.477%	2 493.96	64.99	2 558.95
Namibia	72 052	0.008%	41.58	1.08	42.66
Netherlands	24 482 793	2.702%	14 128.28	368.18	14 496.46
Nigeria	530 828	0.059%	306.32	7.98	314.30
North Macedonia	51 789	0.006%	29.89	0.78	30.67
Norway	7 318 524	0.808%	4 223.30	110.06	4 333.36
Oman	4 512 913	0.498%	2 604.27	67.87	2 672.14
Pakistan	3 228 165	0.356%	1 862.88	48.55	1 911.43
Poland	3 628 909	0.400%	2 094.13	54.57	2 148.70
Portugal	7 184 391	0.793%	4 145.89	108.04	4 253.93
Qatar	50 229 225	5.543%	28 985.77	755.36	29 741.13
Republic of Moldova	303 742	0.034%	175.28	4.57	179.85
Romania	956 510	0.106%	551.97	14.38	566.35
Russian Federation	46 534 849	5.135%	26 853.85	699.81	27 553.66
Saudi Arabia	14 687 053	1.621%	8 475.45	220.87	8 696.32
Senegal	64 610	0.007%	37.28	0.97	38.25
Serbia	498 737	0.055%	287.81	7.50	295.31
Seychelles	95 618	0.011%	55.18	1.44	56.62
Slovakia	2 005	0.000%	1.16	0.03	1.19
Slovenia	108 498	0.012%	62.61	1.63	64.24
South Africa	6 433 685	0.710%	3 712.69	96.75	3 809.44
Spain	19 904 518	2.196%	11 486.30	299.33	11 785.63
Sweden	2 455 493	0.271%	1 416.99	36.93	1 453.92
Switzerland	11 790 036	1.301%	6 803.67	177.30	6 980.97
Tajikstan	373 697	0.041%	215.65	5.62	221.27
Thailand	23 575 473	2.602%	13 604.69	354.54	13 959.23
Tunisia	889 236	0.098%	513.15	13.37	526.52
Turkey	36 999 504	4.083%	21 351.30	556.41	21 907.71
Ukraine	2 329 295	0.257%	1 344.17	35.03	1 379.20
United Arab Emirates	89 627 487	9.890%	51 721.31	1 347.85	53 069.16
United Kingdom	53 371 592	5.889%	30 799.12	802.61	31 601.73
Viet Nam	10 577 184	1.167%	6 103.77	159.06	6 262.83
Zimbabwe	33 093	0.004%	19.10	0.50	19.60
<b>TOTAL</b>	<b>906 216 254</b>	<b>100.000%</b>	<b>522 950.00</b>	<b>13 628.00</b>	<b>536 578.00</b>

\* 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 2021**  
**(£ Sterling)**

STATES	Adjustment for 2019 (SCRAG/21-WP/7)	Assessment for 2021 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2021
Albania	11.99	19.50	- 31.49	0.00
Algeria	- 135.07	602.31		467.24
Armenia	16.76	24.81	- 41.57	0.00
Australia	- 3 074.77	15 058.69		11 983.92
Austria	1 098.17	3 976.68		5 074.85
Azerbaijan	- 1 051.26	436.61		- 614.65
Bahrain	- 380.14	1 667.48		1 287.34
Belarus		290.05		290.05
Belgium	- 994.52	3 554.53		2 560.01
Bosnia and Herzegovina	1.18	1.47	- 2.65	0.00
Botswana	0.43	10.61	- 11.04	0.00
Bulgaria	- 64.73	91.33		26.60
Cabo Verde	69.07	119.74		188.81
Cameroon	- 11.51	22.83	- 11.32	0.00
China: - Beijing	- 481.53	106 913.77		106 432.24
- Hong Kong	- 4 976.28	22 034.45		17 058.17
- Macau	- 5.06	529.95		524.89
Congo	- 24.21	31.86		7.65
Côte d'Ivoire	172.57	241.60		414.17
Croatia	- 26.01	132.26		106.25
Cyprus	- 69.21	25.58		- 43.63
Czechia	- 200.44	589.37		388.93
Denmark	- 225.95	1 409.01		1 183.06
Egypt	- 386.55	3 162.63		2 776.08
Equatorial Guinea	- 5.37	30.70		25.33
Estonia	- 0.91	0.04		- 0.87
Eswatini	0.72	2.34		3.06
Finland	- 88.42	4 097.44		4 009.02
France	- 3 181.70	21 248.98		18 067.28
Gabon	- 0.14	1.82	- 1.68	0.00
Georgia	28.73	114.70		143.43
Germany	- 5 754.46	25 734.01		19 979.55
Ghana	3.94	23.19		27.13
Greece	- 104.38	1 025.55		921.17
Hungary	1 381.40	4 340.09		5 721.49
Iceland	- 938.03	1 317.23		379.20
India	- 2 118.36	17 643.37		15 525.01
Indonesia	- 3 225.15	9 499.28		6 274.13
Iraq	214.38	469.91		684.29
Ireland	- 1 398.29	14 793.58		13 395.29
Israel	- 548.66	2 634.01		2 085.35
Italy	- 1 584.75	4 628.26		3 043.51
Jordan	- 402.27	1 021.53		619.26
Kazakhstan	- 154.20	1 193.12		1 038.92
Kenya	522.46	1 862.30		2 384.76
Kuwait	1 255.37	2 258.29		3 513.66
Kyrgyzstan		210.65		210.65
Latvia	127.34	517.22		644.56
Libya	46.73	175.14	- 121.75	100.12
Lithuania	- 280.75	0.39		- 280.36

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**ATTACHMENT B (cont'd)**  
**AMOUNTS TO BE BILLED**  
**FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2021**  
**(£ Sterling)**

STATES	Adjustment for 2019 (SCRAG/21-WP/7)	Assessment for 2021 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2021
Luxembourg		6 685.49		6 685.49
Maldives	- 4.93	87.29		82.36
Malta	52.06	271.07		323.13
Mauritius	- 233.68	773.43		539.75
Montenegro	- 5.88	37.73	- 31.85	0.00
Morocco	- 269.26	2 558.95		2 289.69
Namibia	- 206.17	42.66		- 163.51
Netherlands	- 2 768.74	14 496.46		11 727.72
Nigeria	14.81	314.30		329.11
North Macedonia	- 3.46	30.67		27.21
Norway	- 1 150.65	4 333.36		3 182.71
Oman	95.59	2 672.14		2 767.73
Pakistan	- 1 191.76	1 911.43		719.67
Poland	636.24	2 148.70		2 784.94
Portugal	- 209.65	4 253.93		4 044.28
Qatar	676.16	29 741.13		30 417.29
Republic of Moldova	3.89	179.85		183.74
Romania	- 14.62	566.35		551.73
Russian Federation	748.22	27 553.66		28 301.88
Saudi Arabia	- 509.87	8 696.32		8 186.45
Senegal	39.03	38.25		77.28
Serbia	- 61.24	295.31		234.07
Seychelles	- 159.89	56.62		- 103.27
Slovakia	- 0.13	1.19	- 1.06	0.00
Slovenia	- 56.20	64.24		8.04
South Africa	- 721.61	3 809.44		3 087.83
Spain	365.52	11 785.63		12 151.15
Sweden	- 233.99	1 453.92		1 219.93
Switzerland	- 564.55	6 980.97		6 416.42
Tajikistan		221.27		221.27
Thailand	- 449.43	13 959.23		13 509.80
Tunisia	- 164.00	526.52		362.52
Turkey	- 3 124.37	21 907.71		18 783.34
Ukraine	36.18	1 379.20		1 415.38
United Arab Emirates	- 6 806.94	53 069.16		46 262.22
United Kingdom	- 4 823.00	31 601.73		26 778.73
Viet Nam	94.92	6 262.83		6 357.75
Zimbabwe	- 2.76	19.60	- 16.84	0.00
<b>TOTAL</b>	<b>- 47 916.00</b>	<b>536 578.00</b>	<b>- 271.25</b>	<b>488 390.75</b>

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