

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

## **EIGHTEENTH MEETING**

(Gatwick, 8 November 2017)

**Agenda Item 4: Review of estimated SADIS costs and cost shares for the period  
1 January to 31 December 2018**

### **SUMMARY OF ESTIMATED COSTS AND ASSESSMENTS FOR THE YEAR 2018**

(Presented by the Secretariat)

#### **REFERENCES**

SADIS Agreement  
SCRAG/17 Report  
SCRAG/16 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 2018.

#### **2. Estimated SADIS Costs for the Period 1 January to 31 December 2018**

2.1 Table 1 below presents a summary of the estimated SADIS costs for the period 1 January to 31 December 2018. Details of these estimated costs are included in SCRAG/18-WP/10.

**TABLE 1**

Cost Item	Estimated Costs 2018 (UK £)
UK Meteorological Office	245 305
UK NATS Gateway	309 138
UK CAA administrative costs	4 000
Sub-total UK	558 443
ICAO support services costs	40 327
<b>TOTAL</b>	<b>598 770</b>

### 3. Cost Shares for the Period 1 January to 31 December 2016

3.1 In accordance with Article XI, paragraph 4 of the SADIS Agreement, any under-recovery of costs for the year 2016 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 2018. Also, any subsequent remittance is deducted from the total costs to be shared. An under-recovery of costs for 2016 resulted in an increase in the assessment for 2018.

3.2 Table 2 below presents a summary of the calculation of the amount to be assessed under the SADIS Agreement for 2018.

**TABLE 2**

		(UK £)	References
(1)	Actual costs for 2016	668 603	SCRAG/18-WP/7
(2)	Over-recovery for 2014	-86 192	SCRAG/16 Report, Table 2
(3)	Subject to collection for 2016	582 411	(1) + (2)
(4)	Collected from States for 2016 (as at 1 October 2017)	-484 153	SCRAG/18-WP/6 (table 1)
(5)	Collected from States for years prior to 2016 (as at 1 October 2017)	0	SCRAG/18-WP/6 (table 2)
(6)	Under-recovery for 2016 (to be added to the assessments for 2018)	<b>98 258</b>	(3) + (4) + (5)
(7)	Estimated costs for 2018	598 770	TABLE 1
(8)	Amount to be assessed for 2018	697 028	(6) + (7)

3.3 The amount to be assessed for 2018 (£697 028) represents the estimated costs for 2018 (£598 770) plus the under-recovery of 2016 (£98 258). The under-recovery of 2016 is the amount subject to collection for 2016 (£582 411), less the amounts collected for 2016 (£484 153) and less the amounts collected for years prior to 2016, however no balances were collected for prior years.

**4. Working Paper Attachments**

4.1 Attachment A – Estimated Cost Shares and Assessments

Attachment A shows, for the period 1 January to 31 December 2018, the estimated cost share to be borne by each State receiving the SADIS service, based on their 2016 available tonne-kilometres in scheduled services (ATKs), increased by their share of the under-recovery for 2016, in accordance with Article XI, paragraph 4 of the SADIS Agreement.

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

Share of 2018 Estimated Cost	Share of 2016 under-recovery (Table 2, line 6)	2018 Assessment
598 770 £	98 258 £	<b>697 028 £</b>

4.2 Attachment B – Amounts to be Billed

Attachment B shows, for the period 1 January to 31 December 2018, the assessment for each State receiving the SADIS service (Attachment A), decreased by the amount by which the total estimated cost for the year 2016 was above the actual costs for 2016 (Attachment to SCRAG/18-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 Attachment B columns are shown below:

Adjustment for 2016 (SCRAG/18-WP/7)	2018 Assessment	Deduction of Unused Credit from Previous Years/Other Adjustments	Amount to be Billed for 2018
- 9 192 £	<b>697 028 £</b>	3 517.70 £	691 353.70 £

**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 2018 totaling £598 770, 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 2018 of the States participating in the SCAR scheme in 2018 on the basis of their number of ATKs for 2016, as presented in Attachment A; and
- d) determine the amount to be billed for the period 1 January to 31 December 2018 of the States participating in the SCAR scheme in 2018 on the basis of the adjustments to their assessment, as presented in Attachment B.

-----

**ATTACHMENT A**  
**ESTIMATED COST SHARES AND ASSESSMENTS**  
**FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2018 \***

STATES	2016 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2018 Estimated Costs (£ Sterling)	Share of Under-recovery for 2016 (£ Sterling)	Amount to be Assessed for 2018 (£ Sterling)
Albania	3 698	0.001%	3.01	0.49	3.50
Algeria	989 007	0.134%	804.03	131.94	935.97
Armenia	11 710	0.002%	9.52	1.56	11.08
Australia	23 978 276	3.256%	19 493.49	3 198.88	22 692.37
Austria	3 790 626	0.515%	3 081.64	505.70	3 587.34
Azerbaijan	1 809 568	0.246%	1 471.11	241.41	1 712.52
Bahrain	2 182 054	0.296%	1 773.93	291.10	2 065.03
Belgium	5 893 667	0.800%	4 791.34	786.26	5 577.60
Bosnia and Herzegovina	470	0.000%	0.38	0.06	0.44
Botswana	17 286	0.002%	14.05	2.31	16.36
Bulgaria	201 852	0.027%	164.10	26.93	191.03
Cameroon	85 483	0.012%	69.49	11.40	80.89
Cape Verde	100 706	0.014%	81.87	13.43	95.30
China: - Beijing	132 224 700	17.952%	107 493.99	17 639.74	125 133.73
- Hong Kong	34 663 255	4.706%	28 180.00	4 624.33	32 804.33
- Macau	741 701	0.101%	602.98	98.95	701.93
Congo	104 546	0.014%	84.99	13.95	98.94
Côte d'Ivoire	97 782	0.013%	79.49	13.04	92.53
Croatia	199 546	0.027%	162.22	26.62	188.84
Cyprus	51 785	0.007%	42.10	6.91	49.01
Czech Republic	1 770 394	0.240%	1 439.27	236.18	1 675.45
Denmark	2 088 935	0.284%	1 698.23	278.68	1 976.91
Egypt	5 043 651	0.685%	4 100.31	672.86	4 773.17
Estonia	97 096	0.013%	78.94	12.95	91.89
Finland	5 236 129	0.711%	4 256.79	698.54	4 955.33
France	32 189 376	4.370%	26 168.82	4 294.30	30 463.12
Gabon	2 554	0.000%	2.08	0.34	2.42
Georgia	83 266	0.011%	67.69	11.11	78.80
Germany	43 404 900	5.893%	35 286.64	5 790.53	41 077.17
Ghana	29 317	0.004%	23.83	3.91	27.74
Greece	1 630 126	0.221%	1 325.23	217.47	1 542.70
Hungary	3 451 945	0.469%	2 806.31	460.51	3 266.82
Iceland	2 353 415	0.320%	1 913.24	313.96	2 227.20
India	23 372 379	3.173%	19 000.91	3 118.05	22 118.96
Indonesia	16 528 167	2.244%	13 436.81	2 204.98	15 641.79
Iraq	110 722	0.015%	90.01	14.77	104.78
Ireland	16 338 465	2.218%	13 282.59	2 179.67	15 462.26
Israel	4 582 035	0.622%	3 725.03	611.28	4 336.31
Italy	6 754 958	0.917%	5 491.54	901.16	6 392.70
Jordan	1 765 615	0.240%	1 435.38	235.55	1 670.93
Kazakhstan	1 925 169	0.261%	1 565.09	256.83	1 821.92
Kenya	1 910 078	0.259%	1 552.83	254.82	1 807.65
Kuwait	1 999 644	0.271%	1 625.64	266.77	1 892.41
Latvia	433 288	0.059%	352.25	57.80	410.05
Libya	343 258	0.047%	279.06	45.79	324.85

**ATTACHMENT A (cont'd)**  
**ESTIMATED COST SHARES AND ASSESSMENTS**  
**FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2018 \***

STATES	2016 Available Tonne-Kilometres in Scheduled Services (000)	Percentage Cost Share	Share of 2018 Estimated Costs (£ Sterling)	Share of Under-recovery for 2016 (£ Sterling)	Amount to be Assessed for 2018 (£ Sterling)
Lithuania	359 353	0.049%	292.14	47.94	340.08
Maldives	115 117	0.016%	93.59	15.36	108.95
Malta	301 738	0.041%	245.30	40.25	285.55
Morocco	3 928 288	0.533%	3 193.56	524.06	3 717.62
Namibia	300 755	0.041%	244.50	40.12	284.62
Netherlands	20 424 898	2.773%	16 604.72	2 724.83	19 329.55
Nigeria	586 759	0.080%	477.01	78.28	555.29
Norway	9 036 823	1.227%	7 346.62	1 205.58	8 552.20
Oman	3 029 435	0.411%	2 462.82	404.15	2 866.97
Pakistan	4 205 675	0.571%	3 419.06	561.07	3 980.13
Poland	1 555 762	0.211%	1 264.78	207.55	1 472.33
Portugal	5 243 512	0.712%	4 262.79	699.52	4 962.31
Qatar	36 324 359	4.932%	29 530.41	4 845.93	34 376.34
Republic of Moldova	194 338	0.026%	157.99	25.93	183.92
Romania	741 833	0.101%	603.08	98.97	702.05
Russian Federation	32 702 639	4.440%	26 586.08	4 362.77	30 948.85
Saudi Arabia	11 228 394	1.525%	9 128.29	1 497.95	10 626.24
Senegal	1 489	0.000%	1.21	0.20	1.41
Serbia	472 255	0.064%	383.93	63.00	446.93
Seychelles	269 877	0.037%	219.40	36.00	255.40
Slovakia	2 984	0.000%	2.43	0.40	2.83
Slovenia	150 696	0.020%	122.51	20.10	142.61
South Africa	6 242 623	0.848%	5 075.03	832.81	5 907.84
Spain	15 900 187	2.159%	12 926.29	2 121.20	15 047.49
Swaziland	2 190	0.000%	1.78	0.29	2.07
Sweden	2 129 818	0.289%	1 731.47	284.13	2 015.60
Switzerland	9 556 202	1.297%	7 768.85	1 274.87	9 043.72
Thailand	17 312 589	2.351%	14 074.52	2 309.63	16 384.15
The former Yugoslav Republic of Macedonia	43 596	0.006%	35.44	5.82	41.26
Tunisia	842 860	0.114%	685.22	112.44	797.66
Turkey	33 458 413	4.543%	27 200.50	4 463.60	31 664.10
Ukraine	1 511 130	0.205%	1 228.50	201.60	1 430.10
United Arab Emirates	82 639 369	11.220%	67 182.87	11 024.69	78 207.56
United Kingdom	47 589 530	6.461%	38 688.63	6 348.79	45 037.42
Viet Nam	7 489 542	1.017%	6 088.73	999.15	7 087.88
Zimbabwe	38 999	0.005%	31.70	5.20	36.90
<b>TOTAL</b>	<b>736 526 627</b>	<b>100.000%</b>	<b>598 770.00</b>	<b>98 258.00</b>	<b>697 028.00</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 2018**  
**(£ Sterling)**

STATES	Adjustment for 2016 (Attachment to SCRAG/18-WP/7)	Assessment for 2018 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2018
Albania	- 24.63	3.50		- 21.13
Algeria	7.43	935.97		943.40
Armenia	- 1.38	11.08		9.70
Australia	- 2 278.87	22 692.37		20 413.50
Austria	- 415.32	3 587.34		3 172.02
Azerbaijan	1 040.88	1 712.52		2 753.40
Bahrain	- 211.47	2 065.03		1 853.56
Belgium	- 410.21	5 577.60		5 167.39
Bosnia and Herzegovina	- 1.80	0.44		- 1.36
Botswana	- 27.12	16.36		- 10.76
Bulgaria	- 6.76	191.03		184.27
Cameroon	- 5.58	80.89		75.31
Cape Verde	- 84.75	95.30		10.55
China: - Beijing	9 179.59	125 133.73		134 313.32
- Hong Kong	- 2 229.67	32 804.33		30 574.66
- Macau	46.44	701.93		748.37
Congo	6.80	98.94		105.74
Côte d'Ivoire	29.74	92.53		122.27
Croatia	- 17.28	188.84		171.56
Cyprus	- 121.53	49.01		- 72.52
Czech Republic	314.87	1 675.45		1 990.32
Democratic People's Republic of Korea	- 89.42	0.00		- 89.42
Denmark	- 1 732.56	1 976.91		244.35
Egypt	- 140.13	4 773.17		4 633.04
Estonia	- 1.09	91.89		90.80
Finland	205.52	4 955.33		5 160.85
France	- 4 885.65	30 463.12		25 577.47
Gabon	1.64	2.42		4.06
Georgia	- 2.99	78.80		75.81
Germany	- 2 520.65	41 077.17		38 556.52
Ghana	- 5.29	27.74		22.45
Greece	317.87	1 542.70		1 860.57
Hungary	328.04	3 266.82		3 594.86
Iceland	761.09	2 227.20		2 988.29
India	1 671.11	22 118.96		23 790.07
Indonesia	1 152.78	15 641.79		16 794.57
Iraq	- 14.64	104.78		90.14
Ireland	- 84.82	15 462.26		15 377.44
Israel	- 330.22	4 336.31		4 006.09
Italy	- 103.64	6 392.70		6 289.06
Jordan	- 210.92	1 670.93		1 460.01
Kazakhstan	- 138.73	1 821.92		1 683.19
Kenya	- 473.45	1 807.65		1 334.20
Kuwait	- 52.94	1 892.41		1 839.47
Latvia	- 42.86	410.05		367.19
Libya (note 1)	- 785.27	324.85	951.09	490.67
Lithuania	247.43	340.08		587.51

**ATTACHMENT B (cont'd)**  
**AMOUNTS TO BE BILLED**  
**FOR THE PERIOD 1 JANUARY TO 31 DECEMBER 2018**  
**(£ Sterling)**

STATES	Adjustment for 2016 (Attachment to SCRAG/18-WP/7)	Assessment for 2018 (Attachment A)	Deduction of Unused Credit Balance from Previous Years	Total Amount to be Billed for 2018
Maldives	103.78	108.95		212.73
Malta	- 120.05	285.55		165.50
Morocco	761.10	3 717.62		4 478.72
Namibia	- 46.93	284.62		237.69
Netherlands	- 3 546.96	19 329.55		15 782.59
Nigeria	- 252.20	555.29		303.09
Norway	2 755.25	8 552.20		11 307.45
Oman	753.46	2 866.97		3 620.43
Pakistan	950.91	3 980.13		4 931.04
Poland	28.54	1 472.33		1 500.87
Portugal	- 818.96	4 962.31		4 143.35
Qatar	7 086.54	34 376.34		41 462.88
Republic of Moldova	14.56	183.92		198.48
Romania	10.68	702.05		712.73
Russian Federation	- 3 801.06	30 948.85		27 147.79
Saudi Arabia	- 4 206.75	10 626.24		6 419.49
Senegal	- 41.81	1.41		- 40.40
Serbia	88.54	446.93		535.47
Seychelles	- 0.46	255.40		254.94
Slovakia	- 1.72	2.83		1.11
Slovenia	- 13.48	142.61		129.13
South Africa	- 1 126.99	5 907.84		4 780.85
Spain	- 346.40	15 047.49		14 701.09
Sri Lanka (note 2)	- 2 566.61	0.00	2 566.61	0.00
Swaziland	- 0.24	2.07		1.83
Sweden	- 1 253.55	2 015.60		762.05
Switzerland	- 1 003.26	9 043.72		8 040.46
Thailand	- 1 897.41	16 384.15		14 486.74
The former Yugoslav Republic of Macedonia	- 2.77	41.26		38.49
Tunisia	- 202.90	797.66		594.76
Turkey	3 662.81	31 664.10		35 326.91
Ukraine	164.30	1 430.10		1 594.40
United Arab Emirates	1 708.42	78 207.56		79 915.98
United Kingdom	- 3 865.45	45 037.42		41 171.97
Uzbekistan	- 713.13	0.00		- 713.13
Viet Nam	838.94	7 087.88		7 926.82
Zimbabwe	- 150.33	36.90		- 113.43
<b>TOTAL</b>	<b>- 9 192.00</b>	<b>697 028.00</b>	<b>3 517.70</b>	<b>691 353.70</b>

Note 1: A £951.09 credit has already been issued to Libya. As a result, the billing amount was adjusted accordingly.

Note 2: Sri Lanka did not receive services in 2016. As a result, their adjustment for 2016 was reversed to reflect no billing amount for 2018.