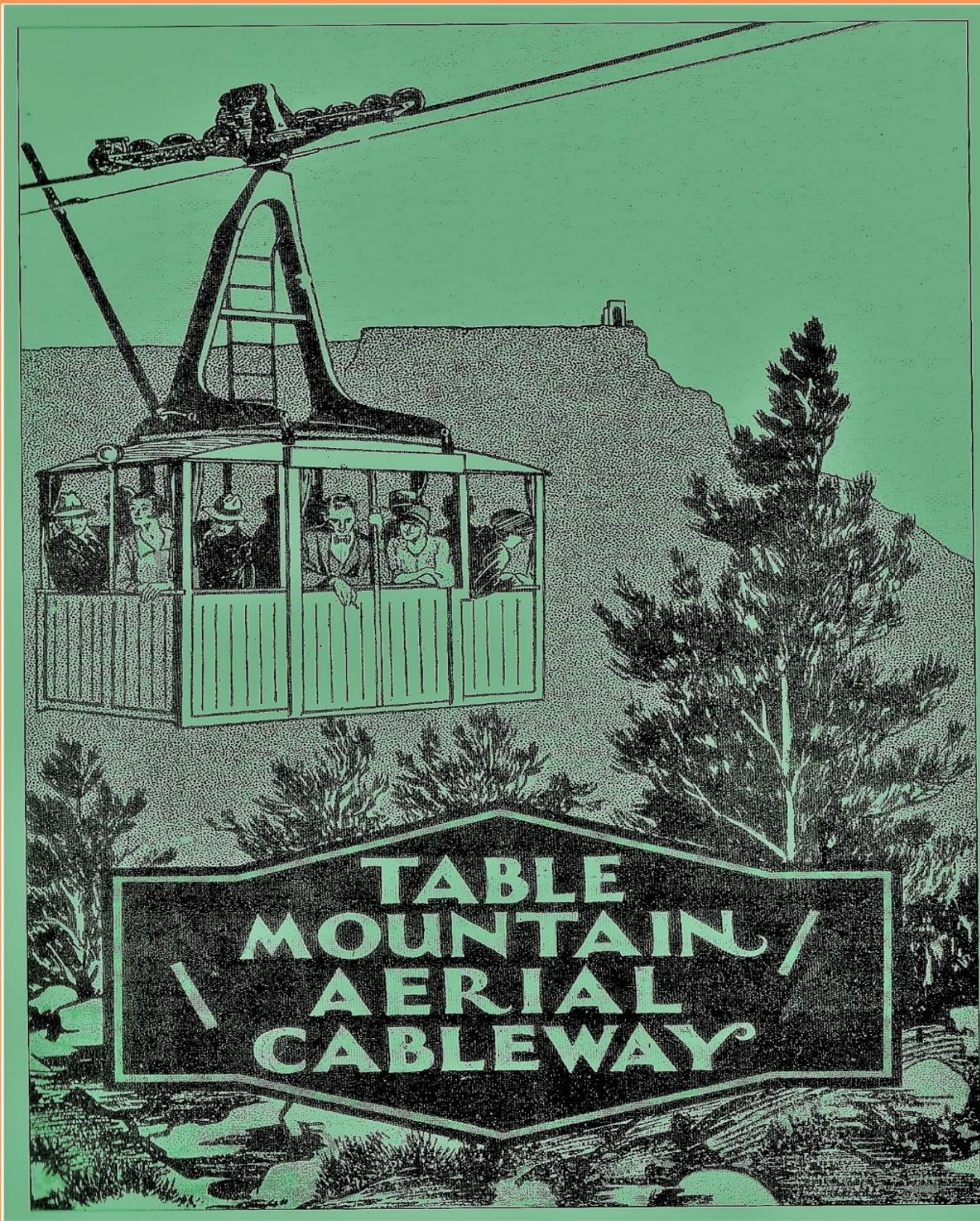


BLEICHERT



Calendar 2019

Bleichert Calendar 2019

TABLE MOUNTAIN AERIAL CABLEWAY

To celebrate its 90th Anniversary (**1929-2019**) this calendar is dedicated to the marvelous **Table Mountain Aerial Cableway**, the first aerial cableway of its kind in of South Africa, located in Cape Town.

The original construction was awarded to the former world-renowned cable way company **Adolf Bleichert & Co.** of Leipzig, Germany. (References: *Bleichert Passenger Cable Way Order Book: Order November 16, 1926 – Exhibit No.3013*).

Construction of the cableway took more than two years to complete and the **Table Mountain Aerial Cableway** officially opened on October 4, 1929. This new attraction saw the cable cars soar from Cape Town's valley to the summit of the Table Mountain.

The **Table Mountain Aerial Cableway** has been refurbished three times since its first inauguration in 1929. The first refurbishment occurred in 1958, the second in 1974, and the third and latest version was unveiled in 1997 and included a Rotair 360° panorama gondola manufactured by the Swiss company **Garaventa AG** - CWA (Doppelmayr Group).

Many improvements have been introduced since 1929, with new and bigger gondolas that increased capacity from 20 to 65 passengers per gondola. However, both the Lower and Upper Cable Station buildings have retained their original formats, and Bleichert's original gondolas operated for approximately 30 years, the longest period so far.

Specifics:

Cable car technology & cabins:

1st Aerial Cableway	Adolf Bleichert & Co. (from 1929 to 1958)
➤ Operating system:	2 "Rectangular" cabins (bi-cable Bleichert-Zuegg system)
➤ Travel speed:	5 m/s (approx. 5 minutes)
➤ Capacity:	Each gondola 19 + 1 persons - 330 passengers / hour
2nd Aerial Cableway	(from 1958 to 1974) 2 gondolas each 23 passengers
3rd Aerial Cableway	(from 1974 to 1996) 2 gondolas each 28 passengers
4th Aerial Cableway	Garaventa AG (since 1997)
➤ Operating system:	2 "Rotair" cabins (three-cable ropeway system)
➤ Travel speed:	10 m/s (less than 5 minutes)
➤ Capacity:	Each gondola 64 + 1 persons - 800 passengers / hour
Largest span of carrying rope:	1.207 m. (no towers)
Valley terminal:	363 m.a.s.l.
Mountain terminal:	1.067 m.a.s.l.
Rise:	704 m.

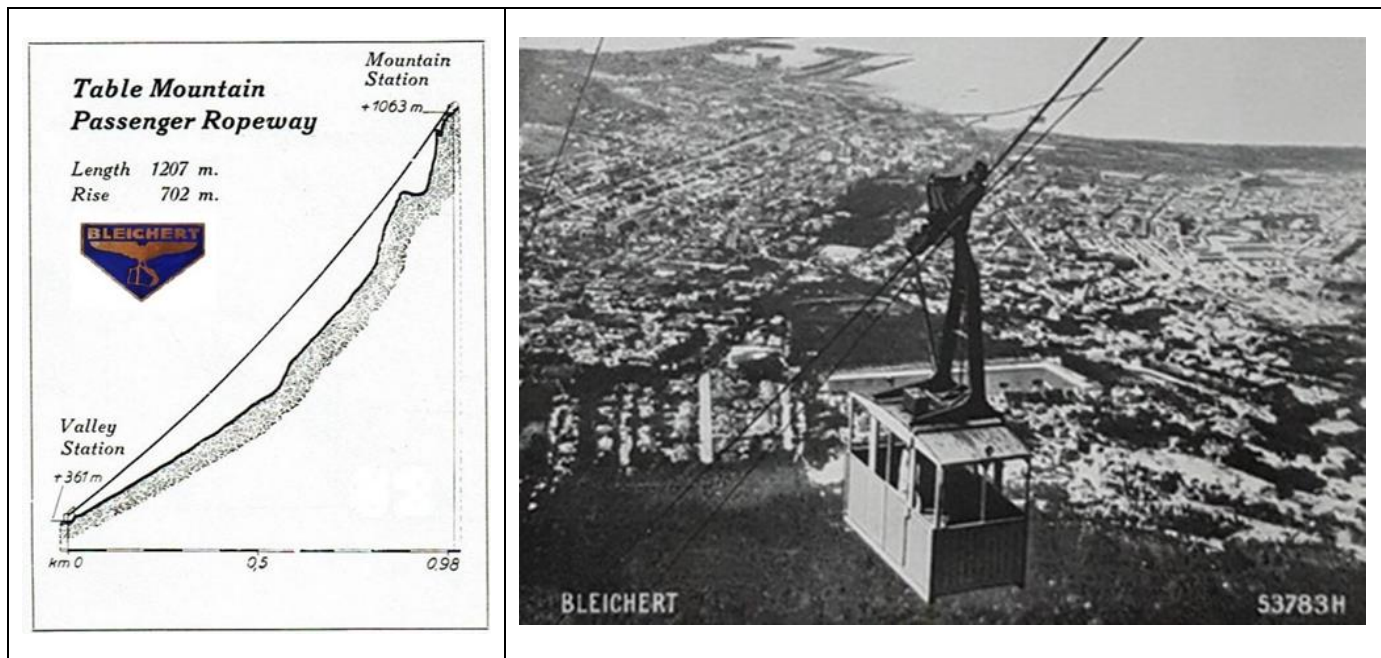
Cover picture: Bleichert „Table Mountain Aerial Cableway“ (photo 1929)

Text & photographs: Hartmut von Bleichert

Layout & reproduction: Hartmut von Bleichert

Documents for reproduction: Several authors (included Wikimedia Commons)

English translation: Hartmut von Bleichert



4 Drahtseilbahnen-Kundenregister Adolf Bleichert & Co.							
Laufende Nr.	Aufgabe Nr.	FIRMA	Ausstellungsort	Länge	Fördergut und Leistung		
15	3013 1926	Table Mountain Aerial Cableway Co. Ltd. Cape Town (Natal) S. Africa 4 1/2 km Aerial Base 730	Tafelberg bei Kapstadt	lang: 1207 m höhg: 702 m	Personen 150 m. bis zum Fuß Mingau	Personen Schneisebahn nach oben Tafelberg	

Table Mountain Aerial Cableway at Cape Town (South Africa). Technical drawing, order register N. 3013 from 1926 and historical picture of 1st aerial cableway that opened in 1929. (Photo: Bleichert/1929)

January 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1		1	2	3	4	5	6
2	7	8	9	10	11	12	13
3	14	15	16	17	18	19	20
4	21	22	23	24	25	26	27
5	28	29	30	31			

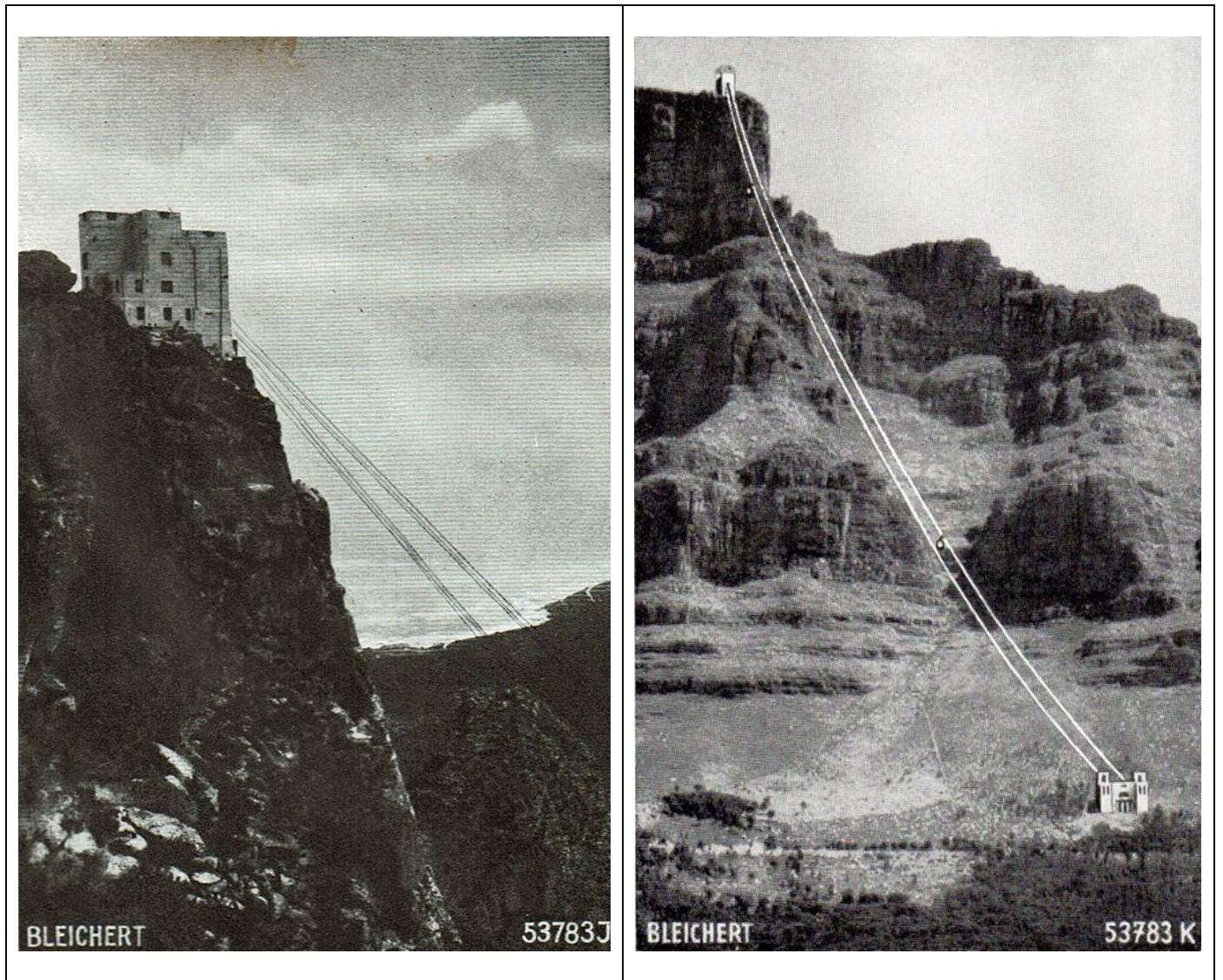


Table Mountain Aerial Cableway at Cape Town (South Africa). Historical pictures of 1st aerial cableway built by **Adolf Bleichert & Co.** (Photo: Bleichert/1929)

The cableway was ordered by the Table Mountain Aerial Cableway Company (TMACC). Construction lasted from 1927 until 1929, and the Cableway opened to the public in October 4, 1929.

February 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5					1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28			



Table Mountain Aerial Cableway at Cape Town (South Africa). Historical picture of 1st aerial cableway built by **Adolf Bleichert & Co.** (Photo: Bleichert/1929)

From the Valley Terminal (363 m.a.s.l.) to the Mountain Terminal (1.067 m.a.s.l.) the 1st passenger cableway traveled 1.207 meter at a speed of nearly 5 m/s in approx. 5 minutes.

The construction of the aerial cableway made it possible for travelers from Cape Town and tourists from abroad to reach the top of the Table Mountain in just a few minutes.

March 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9					1	2	3
10	4	5	6	7	8	9	10
11	11	12	13	14	15	16	17
12	18	19	20	21	22	23	24
13	25	26	27	28	29	30	31



Table Mountain Aerial Cableway at Cape Town (South Africa). Historical picture of 1st aerial cableway – view from Mountain Station – built by **Adolf Bleichert & Co.** (Photo: Bleichert/1930)

The wire ropeway utilized the *Bleichert-Zuegg System*, with the gondolas connected and acting in pendulum (the weight of the descending gondola helping lift the ascending one).

April 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
14	1	2	3	4	5	6	7
15	8	9	10	11	12	13	14
16	15	16	17	18	19	20	21
17	22	23	24	25	26	27	28
18	29	30					

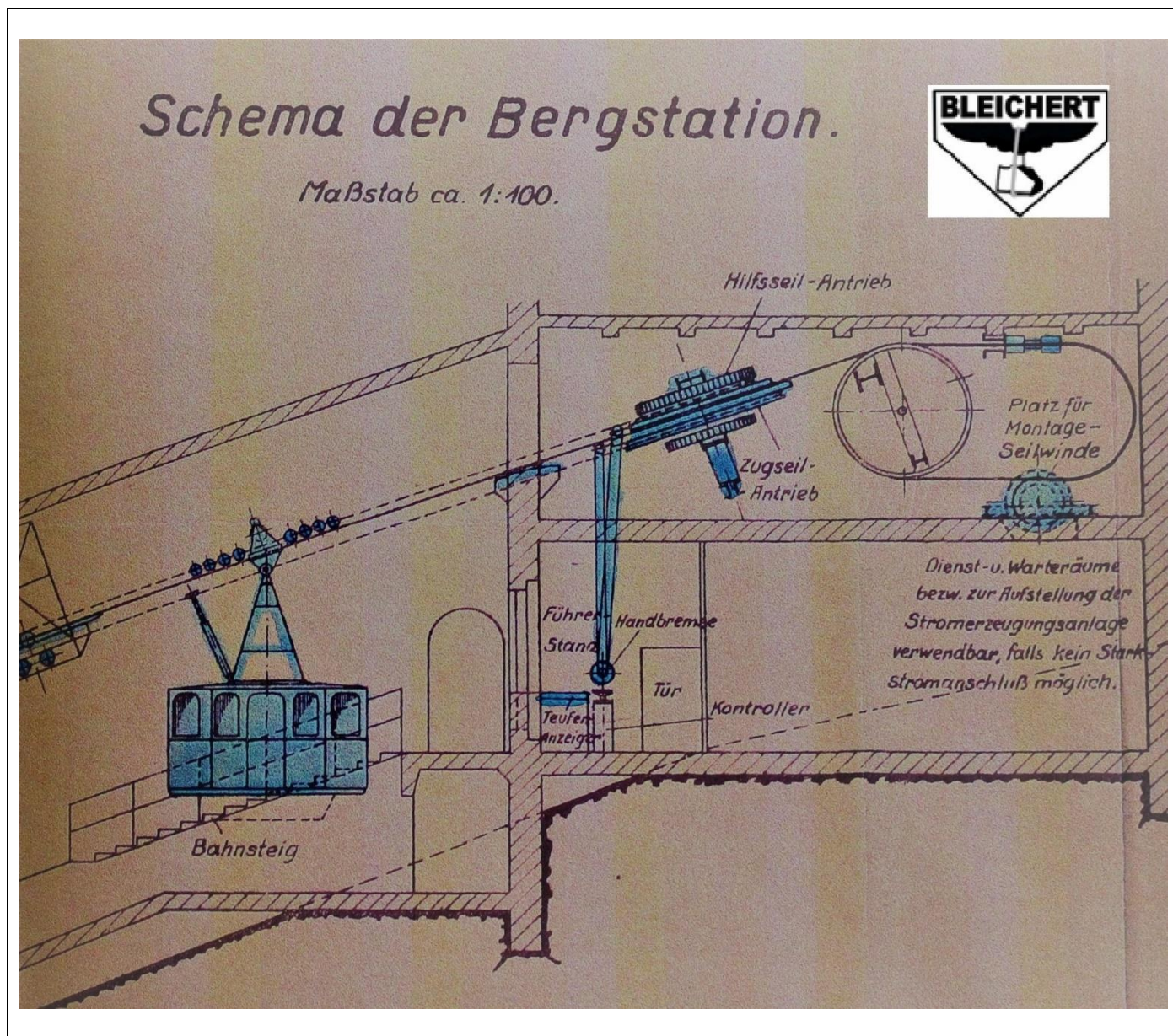


Table Mountain Aerial Cableway at Cape Town (South Africa). Technical drawing of cable car mountain station scheme based on the Bleichert-Zuegg system, realized by **Adolf Bleichert & Co.** (Photo: Bleichert/1925)

May 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
18			1	2	3	4	5
19	6	7	8	9	10	11	12
20	13	14	15	16	17	18	19
21	20	21	22	23	24	25	26
22	27	28	29	30	31		

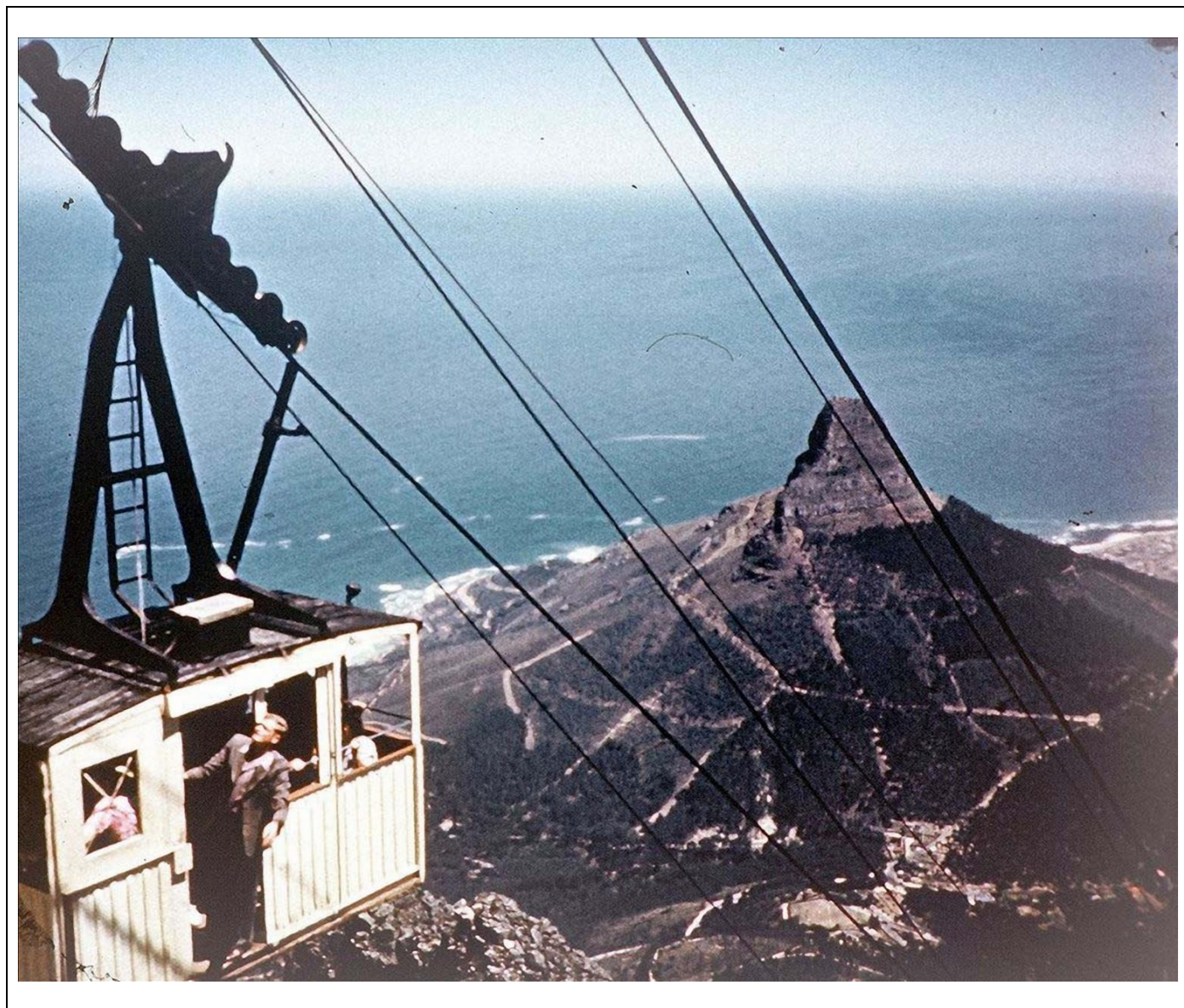


Table Mountain Aerial Cableway at Cape Town (South Africa). Historical picture of 1st aerial cableway built by **Adolf Bleichert & Co.** (Photo: Unknown/1940)

The first gondolas were rectangular sized, carried 19 passengers and an attendant, and operated until 1958.

June 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
22						1	2
23	3	4	5	6	7	8	9
24	10	11	12	13	14	15	16
25	17	18	19	20	21	22	23
26	24	25	26	27	28	29	30



Table Mountain Aerial Cableway at Cape Town (South Africa). Historical picture of 1st aerial cableway built by **Adolf Bleichert & Co.** (Photo: Unknown/1950)

Upper mountain station with panoramic view on "Lion's Head" peak, Cape Town and Robben Island.

The height difference (rise) from the Lower Cable Station to the Upper Cable Station measures about 704 meters and the largest span of the carrying rope is approximately 1.207 meters long as there is no tower in-between.

July 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
27	1	2	3	4	5	6	7
28	8	9	10	11	12	13	14
29	15	16	17	18	19	20	21
30	22	23	24	25	26	27	28
31	29	30	31				

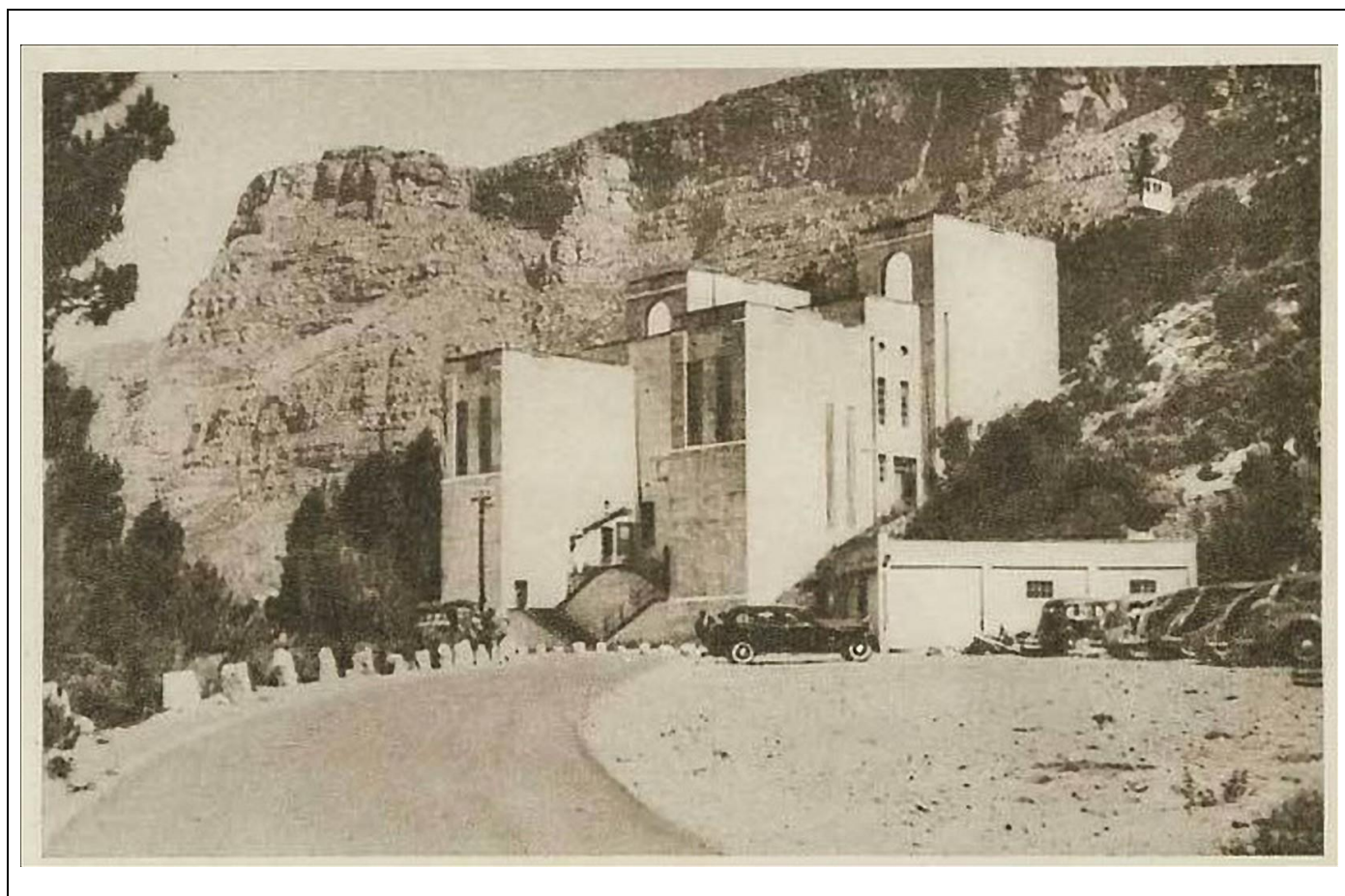


Table Mountain Aerial Cableway at Cape Town (South Africa). Historical picture of valley station at the time when the 1st aerial cableway built by **Adolf Bleichert & Co.** was operating.
(Photo: Unknown /1940)

The buildings, both the Lower Cable Station and the Upper Cable Station were designed by the local architects Walgate & Ellsworth.

During operation of the first original gondolas from 1929 to 1958 more than 1 million passengers were transported the top of Table Mountain.

August 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
31				1	2	3	4
32	5	6	7	8	9	10	11
33	12	13	14	15	16	17	18
34	19	20	21	22	23	24	25
35	26	27	28	29	30	31	

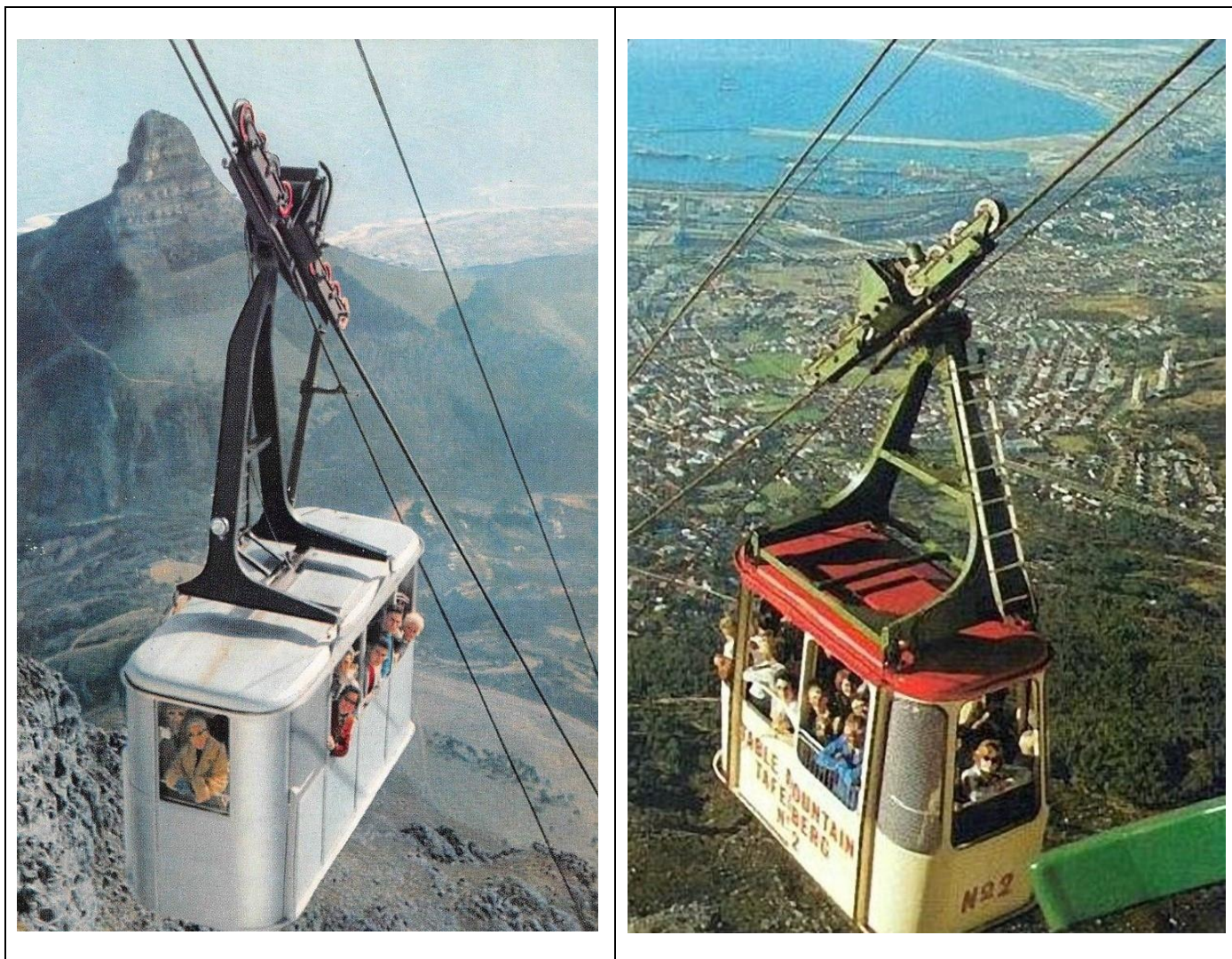


Table Mountain Aerial Cableway at Cape Town (South Africa). Historical pictures of 2nd cable car (left) and of 3rd cable car (right). (Photo: Unknown/1958 and 1974)

The second set of gondolas could each carry 23 passengers and operated from 1958 to 1974, whereas the third set of cable cars carried 28 passengers and remained in operation until 1996.

September 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
35							1
36	2	3	4	5	6	7	8
37	9	10	11	12	13	14	15
38	16	17	18	19	20	21	22
39	23	24	25	26	27	28	29
40	30						



Table Mountain Aerial Cableway at Cape Town (South Africa). Contemporary picture of the Lower Cable Station. (Photo: Pavel Spindler/2014)

The aerial cableway Lower Cable Station is located at Tafelberg Road just a 15-minute drive from Cape Town city centre. It was refurbished and modernized to accommodate the new “Rotair” cabins.

The Lower Cable Station houses the system’s two counterweights. Each weighs 149-tons and are slung in 12 meter-deep shafts. These weights keep the wire ropes tensioned, reducing wear and tear of the ropes, and are an improvement by the *Bleichert-Zuegg System*.

October 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
40		1	2	3	4	5	6
41	7	8	9	10	11	12	13
42	14	15	16	17	18	19	20
43	21	22	23	24	25	26	27
44	28	29	30	31			



Table Mountain Aerial Cableway at Cape Town (South Africa). Contemporary picture of the Upper Cable Station and latest set of cable cars in operation. (Photo: Timo Rapp/2006)

The Upper Cable Station retains its original outer appearance, though it was modernized and enlarged in 1997 to accommodate the new set of "Rotair" gondolas which provide a 360° panoramic view. A new reinforced bollard was installed behind the building to anchor the system's carrying ropes.

November 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
44					1	2	3
45	4	5	6	7	8	9	10
46	11	12	13	14	15	16	17
47	18	19	20	21	22	23	24
48	25	26	27	28	29	30	

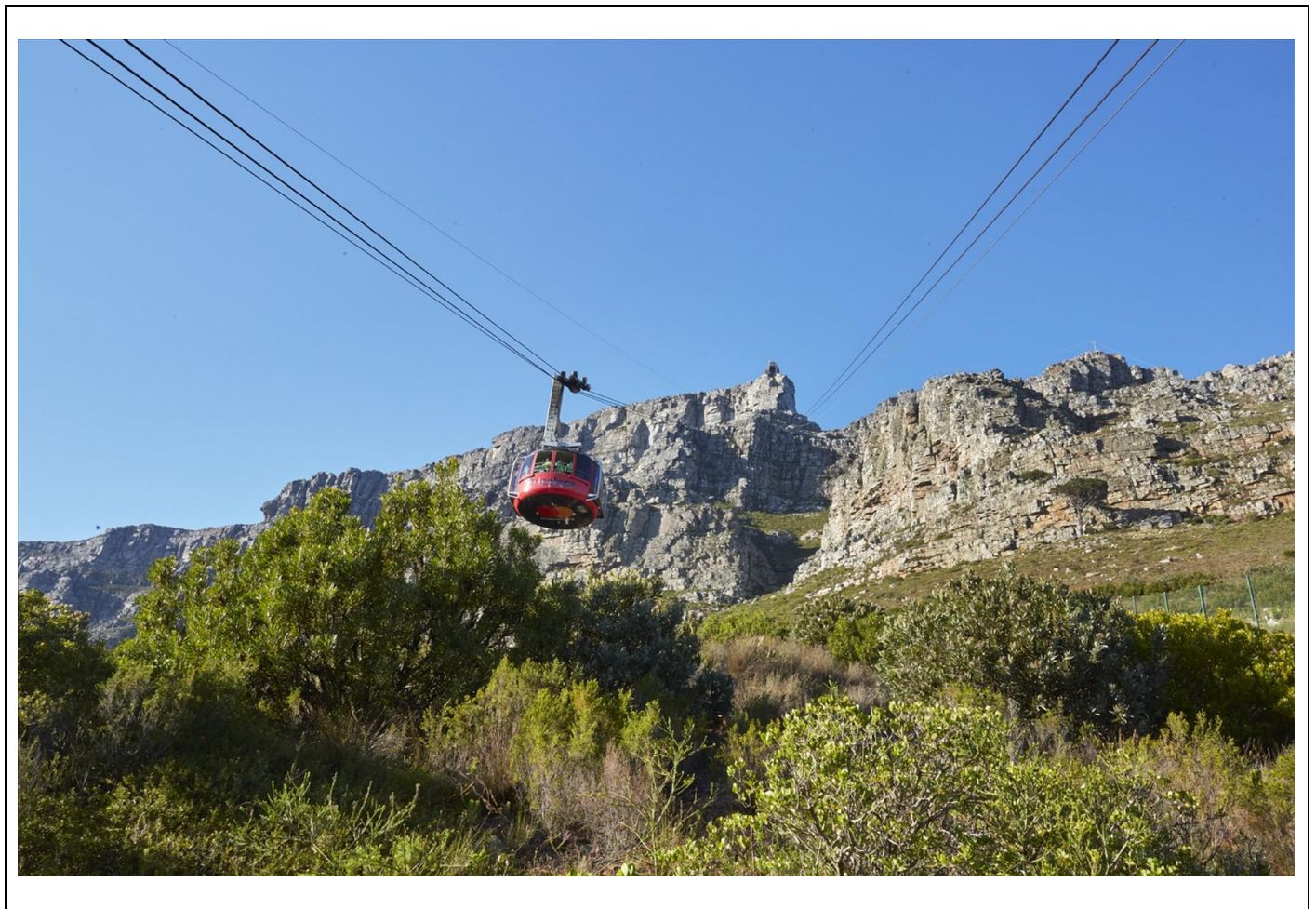


Table Mountain Aerial Cableway at Cape Town (South Africa). Contemporary picture with fourth and latest cable car set in operation. (Photo: Fazielah Williams/2018)

In 1996, a large upgrade was undertaken, including a new three-rope system. The picture includes a "Rotair" gondola that offers a 360° panoramic view.

Each gondola accommodates 65 passengers (including the attendant) and travels up to 10 meters per second, which means it takes less than 5 minutes to reach the top of Table Mountain. The cableway carries about 800 passengers per hour.

More than 27 million passengers have been transported over the last 90 years since the cableway was inaugurated in 1929.

December 2019

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
48							1
49	2	3	4	5	6	7	8
50	9	10	11	12	13	14	15
51	16	17	18	19	20	21	22
52	23	24	25	26	27	28	29
1	30	31					

Table Mountain Aerial Cableway 1929 - 2019

