

**The BOAC DC-3 schedules from 1946 and the Canadair DC-4M Argonaut
schedules from 1954.**

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An introduction to BOAC (British Overseas Airways Corporation)

Or to its friends and enemies known as “**Better On A Camel**” or “**Bought On American Credit**” but that was perhaps better than dear old Sabena, “**Such a Bloody Experience Never Again**” or TWA, “**Try Walking Across**”.

BOAC was formed just at the outbreak of World War II by the merger of UK airlines Imperial Airways and the original British Airways. Imperial Airways itself was created as a merger of several airlines in 1924 and thus the new airline could claim a history back to the commencement of the first scheduled commercial passenger flights in 1918. BOAC would last for another 35 years before merging with BEA (British European Airways) in 1974 to form the British Airways we know today.

BOAC's early baptism was operating scheduled services throughout the war years and indeed some aircraft and crews were moved between BOAC and the Royal Air Force, the crews changing uniforms in the process. The war provided its own challenges with nine aircraft being lost by bombing or being shot down. The route to Lisbon in neutral Portugal was flown throughout the war, where crews had the odd experience of seeing Luftwaffe crews in the bars and restaurants of the neutral city. Alas on one such flight back from Lisbon to the UK the DC-3 was shot down by a JU88 whilst crossing the Bay of Biscay and all the crew and passengers including the English film star Trevor Howard were lost.



BOAC cabin crew in uniforms from the 1943-1946 period

During the Second World War BOAC operated a total of 160 aircraft of a large number of designs and carried 280,000 passengers in the process. Eighty one employees lost their lives during wartime operations.

With the start of peace BOAC faced an economic, engineering and planning nightmare of turning itself back into a commercial airline again. With 169 aircraft of nineteen different types and nineteen types of engines that was clearly going to be a challenge! Indeed in those early post war years many flights were operated with a number of aircraft converted or derived from bombers of World War 2 design.

The UK Government directed that European routes would be operated by BEA, British European Airways (see Max Johnson's excellent list of routes). Routes to South America were to be operated by BSAA, British South American Airways and the rest by BOAC. In the end BSAA was to merge with BOAC by 1949.

About the flights.

The routes included for your use are those operated by BOAC DC-3's or Dakotas (Daks) as they were then called in BOAC. These are taken from the schedules in 1946. Whilst BOAC had operated nearly 60 DC-3's during the war years, the numbers and thus the routes they were operating were dwindling by 1946. They are however quite challenging and often quite lengthy flights with limited ground navigational aids.

The DC-4M or Canadair Argonaut (BOAC name) routes are from February 1954. The Canadair Argonaut was a development of the DC-4/C54 design with some components from the DC-6 including the nose and landing gear, plus Rolls Royce Merlin engines and pressurisation. These modifications enabled it to fly higher and faster than the standard DC-4. BOAC ordered 22 of these aircraft and they formed the backbone of BOAC's routes to South America, West Africa, East Africa, Middle and Far East at that time. However the jets were coming and the De Havilland Comet had started on routes to South Africa and the Far East! I have tried to keep the flight plans within the performance limits of the DC-4 but you will need to be on oxygen some of the time!

The airfields used are those then in use so for example Hong Kong's (Kai Tak) is used rather than the new international airport at Chek Lap Kok, or Safdarjung at Delhi, rather than the international airport Indira Gandhi. The downside is these airfields whilst historically accurate have little in the way of navigation aids or lighting! On most, (but by no means all) of the DC-3 flight plans I've specified the use of NDBs. Please feel free to ignore them and use only VORs. The Canadair DC-4M Argonaut route flight plans mainly use VORs & ILS. Please note that any reference to an NDB/VOR that is followed by an asterisk indicates that the beacon will, initially, be out of range, e.g., 'NDB WCO 355.0*'.

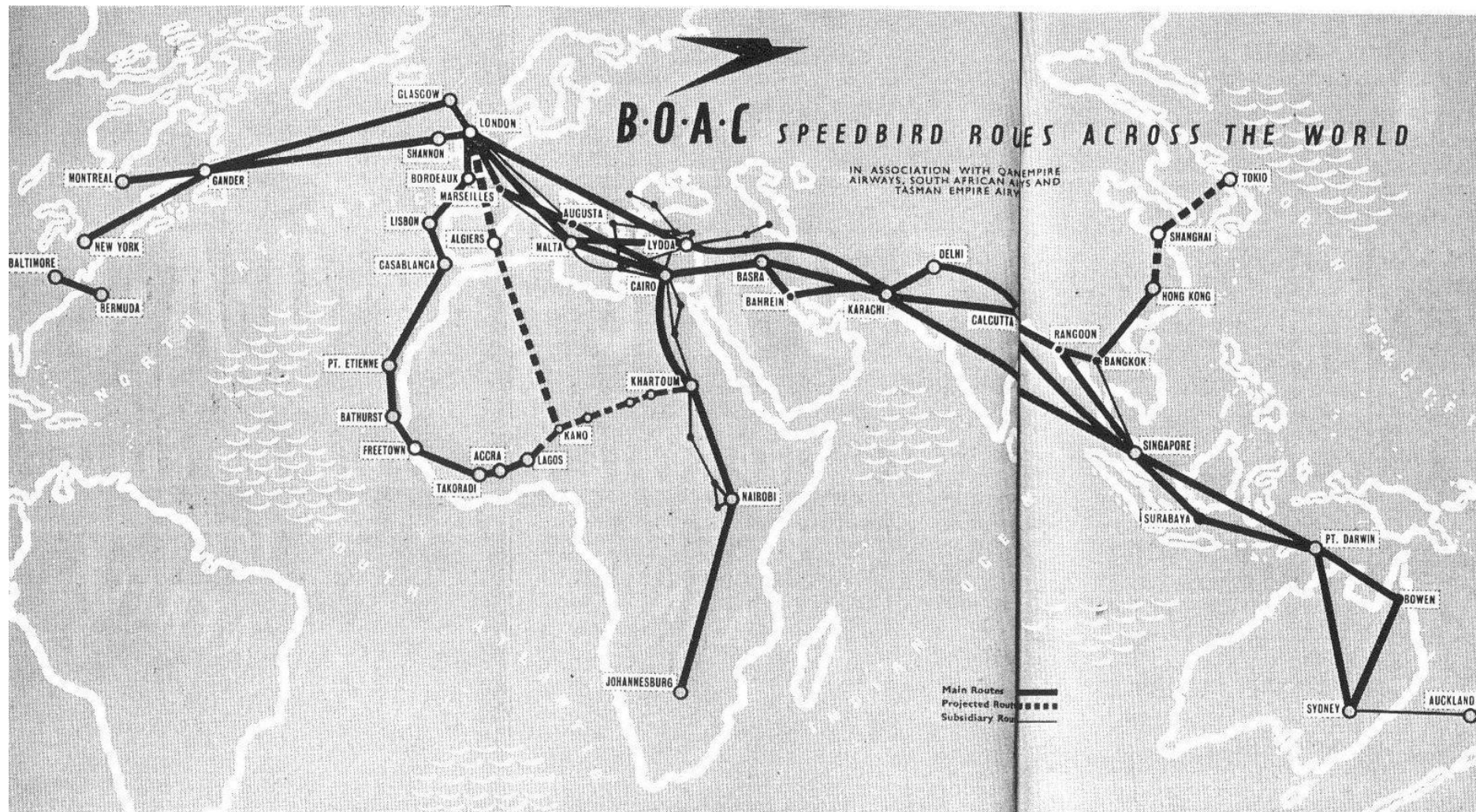
I am very grateful for the help and support given by the British Airways Archives and Museum (www.bamuseum.com) and in particular Paul Jarvis and his enthusiastic team. Finally within DC-3 Airways my particular thanks to Norman Hancock (DCA 134) and Max Johnson (DCA 878) whose format I have borrowed!

I hope you will find that this schedule is representative of BOAC's varied routes and its DC-3/DC-4M operations and I hope you will enjoy flying them as much as I did creating them. I am sure my career in aviation was started by my early flights on Argonauts, Vikings and DC-3s to/from and within West Africa! I welcome any suggestions that you think might improve this schedule and if you encounter any mistakes or anomalies please let me know and I'll correct them as soon as possible.

George Blundell-Pound. DCA1541.

Dorking, England. May 2008.

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BOAC DC-3, seen from under the wing of a BOAC Avro York

BOAC DC-3 Schedules 1946

Initially during the war BOAC operated a mix of DC-2 (1 aircraft) and DC-3's (5 aircraft) all from KLM with Dutch crews. It was one of the latter which was shot down en route between Lisbon and the UK in 1943. In those days the route to West Africa was obviously not across France (then occupied by Germany) and Spain but much further out across the Bay of Biscay and the Atlantic. These initial aircraft were added to by a further 63 (!) C-47's or Dakotas. Given the long haul nature of BOAC's routes, by 1946 (1 year after the end of the 2nd World War) the DC-3's were being slowly replaced by four engined Avro Yorks and Handley Page Haltons. The DC-3 was however still operating services from the UK to West Africa, UK to Egypt and West Africa to Egypt, thus closing a 9243 mile circle! The DC-3's were then operating out of Hurn Airport, near Bournemouth on the South coast of England. London's Heathrow Airport had yet to open. They are quite challenging flights (!). The route to West Africa is 3900 nautical miles long, with 8 flights taking you all around the Western part of the continent. The longest flight is from Rabat (Morocco) to Nouadhibou (Mauritania) and is just under a thousand nautical miles non-stop. The crews, aircraft and thus the passenger's night stopped together in Lisbon and Bathurst before proceeding onwards the following day. Some of the points on the routes have long since changed names but on the outbound flight I have mentioned the old names with the current name in brackets. The routes use NDB's only and for quite long periods the navigation will be dead reckoning only. Indeed on the route from West Africa to Egypt there are some flights with no radio aids at all. You have been warned! Get the co-pilot to earn his keep with stop watch, map and compass.

UK to West Africa & Egypt

DCA Flight No	BOAC Route	From/To	Dep	Arr	From	To	NM	Description <small>Please note that any reference to an NDB that is followed by an asterix indicates that the beacon will, initially be out of range (e.g. NDB ALD 383.0*)</small>	Altitude ft
BA01-01	23W	Hurn, UK to Lisbon (Portela), Portugal	12.45	19:15	EGHH	LPPT	895	<i>Operates Tuesdays, Thursdays and Saturdays to Accra with the Thursday flight extending to Lagos.</i> Depart Bournemouth Rwy 26 on runway heading to 500 ft. Then turn left to 198° direct to Alderney NDB ALD 383.0* climbing to FL100; at ALD turn left direct to Jersey NDB JY 329.0; at JY turn right direct 176° to Dinard NDB DR 390.0* and climb to FL110. Then same course for direct to Nantes NDB GL 369.0*. Overhead GL change course to 159° for a flight along the Bay of Biscay direct to Cazaux NDB CAA 382.0*. Overhead CAA, turn right onto 206° for the Spanish coast and San Sebastian NDB HIG 328.0 climbing to FL120. At HIG turn right onto 239° to Vitoria NDB VTA 345.0*. At VTA turn left 235° to Burgos NDB BGS 357.0. At BGS	12000

								<p>turn right onto 240° to Valladolid NDB VLD 342.0. At VLD further right onto 244° for Vitigudino NDB VGD 365.0*. At VGD turn left for the last NDB in Spain Covila COV 360.0*. At COV left on 225° for Tancos NDB TO 423.0. At TO start a steady decent on 236° to be level 2000ft by Arruda NDB LAR 382.0. Contact Lisbon Approach for landing information. This is a long flight for a DC-3 so remember to lean the mixture by the book! You will deserve that cold beer when you get to the hotel for the night-stop! Remember that tomorrow is a very early start though!</p>	
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BA01-02	23W	Lisbon, Portugal to Rabat, Morocco	05:30	07:50	LPPT	GMME	374	<p>How was that 04:00 alarm call? Depart Lisbon Rwy 21 on runway heading to Caparica NDB CP 389.0; then turn left for heading 121° for Beja NDB BJA 376.0, climbing to FL50. At BJA right onto 136° to Jerez NDB JRZ 433.0*. At JRZ turn south 178° direct to Tangier NDB TBR 398.0*, Morocco and the African continent. As you cross the Spanish coast, the Straits of Gibraltar are on your left and on your right Cape Trafalgar, famous for a Royal Naval action in 1805. At TBR turn right to 208° with a slow descent to be at 2000ft by Kenitra NDB CNL 380.0* and contact Rabat . Time for a quick refuel before a really long flight!</p>	7000

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BA01-03	23W	Rabat, Morocco to Port Etienne, (now Nouadhibou) Mauritania	08:50	14:50	GMME	GQPP	994	Depart Rabat Rwy 22 on heading 225° direct to Casablanca NDB NSR 282.0*. Overhead NSR look down for Rick's Bar before heading 237° for Daourat NDB CSD 345.0. At CSD head 237.0° for Safi NDB SFI 395.0*. Safi was where the Allied forces landed during Operation "Torch", the invasion of North Africa during WWII. At SFI turn left onto 193.0° for Agadir NDB AZR 371.0*. At AZR turn right onto 224° For Maison Blanche (now Tan Tan) NDB TNA 274.0*. Over half way! At TNA head 230° for Villa Cisneros (now Dakhla) NDB DKA 221.0* and the final heading is 209° for Port Etienne (now Nouadhibou) NDB PS 287.0* If you keep the blue stuff on the right and the sandy stuff on the left you will be fine!	9000
BA01-04	23W	Nouadhibou Mauritania to Bathurst, (now Banjul) Gambia	15:50	19:15	GQPP	GBYD	503	Dep Nouadhibou Rwy 20 and head 204° to overfly the airport NDB PS 287.0. Then head 169° to Nouakchott NDB NH 297.0*. At NH turn right onto 203° for St Louis NDB SLO 355.0*. At SLO further right to Dakar's NDB SDS 323.0. Dakar is the capital of Senegal, a vibrant city of fine restaurants and bars, but better known now as the end of the Paris-Dakar rally. At SDS turn left onto 161.0° for Bathurst (Banjul) NDB 256.0 and start a gentle descent for your second night-stop having left Lisbon nearly 14 hrs ago. You have been taking the anti-malaria pills I hope?	7000

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BA01-05	23W	Banjul, Gambia To Freetown, Sierra Leone	07:15	10:15	GBYD	GFL	352	Depart Banjul on Rwy 14 for the Ziguinchor NDB SZR 334.0*. At SZR turn left for Bissau NDB BS 325.0. Bissau is the capital of a country known as Guinea-Bissau and was a Portuguese colony until 1973. At BS head 153.0° for Kamsar NDB KAM 308.0*. Overhead KAM head head 149° to Conakry NDB KR 365.0. Conakry is the capital of Guinea previously a French colony until 1958. Overhead KR head for the Lungi NDB 339.0Freetown's airport.	7000
BA01-06	23W	Freetown, Sierra Leone To Takoradi, Gold Coast (now Ghana)	11:15	17:15	GFL	DGTK	774	Depart Freetown Rwy 30 turning left and heading 140° for Monrovia NDB MON 372*. Monrovia is the capital of Liberia. Monrovia was founded as an independent nation in 1847 with the support of the USA and is named after US President James Monroe. Overhead MON head 131.0° for Tabou NDB TBU 311.0*. At TBU head 078° for the Sassandra NDB SS 290.0*. At SS head East 090° for Abidjan NDB PB 294.2. Abidjan is the commercial capital of the Côte d'Ivoire another French colony until 1960. Finally head 106° for the Takoradi NDB TI 375.0*. Ghana was a British colony until 1957 but created from various German, Dutch, Danish, Portuguese and even Swedish efforts a starting a colony in West Africa.	7000
BA01-07	23W	Takoradi Ghana To Accra, Ghana	18:15	19:15	DGTK	DGAA	106	Depart Takoradi Rwy 04 turning right onto 074°. Head down the coast until reaching Accra's NDB AL 258.0* Another 12 hour flying day, so you have deserved that hotel, shower and a few days by the swimming pool until returning home.	5000

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BA01-08	21W	Accra, Ghana To Lagos, Nigeria	08:00	10:50	DGAA	DNMM	222	<p>Sorry! BOAC's Duty Officer has called and asked whether you would do this trip to Lagos and back as the other Captain has gone sick!</p> <p>Depart Accra Rwy 04 and turn right onto 073° for Lome NDB LME 379.0*. Lome is the capital of Togo which was, yes you have guessed, the German colony of Togoland until 1914 when some after some persuasion by French and British troops, the Western part of the country became part of the Gold Coast, now Ghana and the Eastern part became French Togoland. That was how they did things in those days!</p> <p>At LME right onto 085° for Cotonou NDB CO 284.0*. Cotonou is the capital of Benin (originally Dahomey) and yes another French colony until 1960.</p> <p>At CO head 081° for the Lagos NDB LB 368.0. Lagos was the capital of Nigeria until it was moved to Abuja. Yes, and it was a British colony until 1960.</p>	7000
BA02-01	22W	Lagos, Nigeria To Accra, Ghana	11:30	12:10	DNMM	DGAA	222	<p>Operates Sundays to Accra</p> <p>Dep Lagos Rwy 19 turning right 261° direct Cotonou NDB CO 284.0*.</p> <p>At CO right to 265° for Lome NDB LME 379.0.</p> <p>At LME left to 253° for Accra NDB AL 258.0*.</p> <p>The pool beckons!</p>	6000

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BA02-02	24W	Accra, Ghana To Takoradi, Ghana	05:30	06:30	DGAA	DGTK	105	<i>Operates back to London on Monday, Wednesday and Friday.</i> Depart Accra Rwy 04 and turn left to 254° direct Takoradi NDB 375.0*.	6000
BA02-03	24W	Takoradi, Ghana To Freetown, Sierra Leone	07:30	13:00	DGTK	GFLL	775	Depart Takoradi Rwy 04 turning left for Abidjan NDB PB 294.2*. At PB turn left onto 270° for Sassandra NDB SS 290.0*. At SS onto 257° for Tabou NDB TBU 311.0*. At TBU turn right onto 311° for Monrovia NDB MON 372.0*. Finally at MON onto 320° for Lungi NDB 339.0* for Freetown.	4000
BA02-04	24W	Freetown, Sierra Leone To Banjul, Gambia	14:00	16:45	GFLL	GBYD	355	Depart Freetown Rwy 30 turning right onto 346° for Conakry NDB KR 365.0. At KR onto 329° for Kamsar NDB KAM 308.0. At KAM onto 333° for Bissau NDB BS 325.0. At BS onto 325° for Ziguinchor NDB SZR 334.0*, and finally head 345° Banjul NDB ND 256.0 and the first nightstop on the way home.	6000
BA02-05	24W	Banjul, Gambia To Nouadhibou, Mauritania	06:00	09:35	GBYD	GQPP	502	Depart Banjul Rwy 32 turning right onto 341° Dakar NDB SDS 323.0*. At SDS turning right to 047° to St Louis NDB SLO 355.0*. At SLO onto 023° for Nouakchott NDB NH 297.0 before finally turning left for Nouadhibou NDB PS 287.0	6000

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BA02-06	24W	Nouadhibou, Mauritania To Rabat, Morocco	10:20	18:15	GQPP	GMME	992	Depart Nouadhibou Rwy 02 turning right onto 029° for Dakhla NDB 221.0*. At DKA turn right to 050° for Tan Tan NDB TNA 274.0*. At TNA onto 044° for Agadir NDB AZR 371.0*. At AZR left onto 013° for Safi NDB SFI 395.0*. At SFI right onto 061° for Daourat NDB CSD 345.0*. At CSD onto 057° for Casablanca NDB NSR 282.0 and finally at NSR direct for Rabat NDB SBI 332.0. The NDB is about 10 miles beyond the airfield.	9000
BA02-07	24W	Rabat, Morocco to Lisbon (Portela), Portugal	19:00	21:30	GMME	LPPT	366	Depart Rabat Rwy 04 on 030° for Kenitra NDB CNL 380.0. At CNL onto 028° for Tangier NDB TBR 398.0*. At TBR left onto 358° for Jerez NDB JRZ 433.0 leaving the African continent behind. At JRZ left onto 317° for Beja NDB BJA 376.0. and then at BJA finally 308° for Montijo NDB MIO 322.0 5 miles short of Lisbon.	6000

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BA02-08	24W	Lisbon, Portugal To Hurn, UK	08:00	14:10	LPPT	EGHH	895	Depart Lisbon Rwy 03 direct to Arruda NDB LAR 382.0. At LAR turn right onto 056° for Tancos NDB TO 423.0. At TO onto 045° for Covilha NDB COV 360.0. At COV onto 052° for Vitigudino NDB VGD 365.0. At VGD onto 063° for Valladolid NDB VLD 342.0. At VLD onto 060° for Burgos NDB BGS 357.0. At BGS onto 055° for Vitoria NDB VTA 345.0 At VTA onto 058° for San Sebastian NDB HIG 328.0. At HIG left onto 026° for Cazaux NDB CAA 382.0 and France. At CAA left onto 004° for La Rochelle NDB RL 322.0*. At RL left onto 339° for Nantes NDB GL 369.0. At GL onto 355° for Dinard NDB DR 390.0*. At DR onto 356° for Jersey NDB JW 329.0. At JW right to 006° for Alderney NDB 383.0 and finally right onto 017° for Bournemouth NDB BIA 339.0. Nine days away from the UK and 7800 miles round trip!	11000

These flights linked West Africa with a key transit point Khartoum, where connections could be made to East Africa and South Africa and also with Cairo, where connections could be made to the Middle East, Far East and Australia. During the war the combination of the flights to West Africa followed by this connection were one of the few ways to circumnavigate occupied Europe for passengers or freight with a very high travel priority.									
DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
								Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	
BA03-01	26T	Accra, Ghana To Lagos, Nigeria	06:45	09:50	DGAA	DNMM	220	Operates Tuesdays and Fridays to Cairo with the Tuesday flight omitting the stop at El Fasher. Depart Accra Rwy 04 and turn right onto 073° for Lome NDB LME 379.0*. At LME right onto 085° for Cotonou NDB CO 284.0*. At CO head 081° for the Lagos NDB LB 368.0.	5000
BA03-02	26T	Lagos, Nigeria to Kano. Nigeria	10:45	14:15	DNMM	DNKN	459	Depart Lagos Rwy 19 and turn left onto 034° for Ilorin NDB IN 391.0* At IN turn right onto 057° for Kaduna NDB KK 391.0*. Please note it is the same frequency! At KK left onto 028° for Zaria ZA NDB 336.0* Finally at ZA right onto 045° for Kano NDB KO 260.0*	7000
BA03-03	26T	Kano, Nigeria To Maiduguri, Nigeria	15:00	17:15	DNKN	DNMA	271	Dep Kano Rwy 23 turning left onto 094° for Maiduguri NDB MA 332.0*. Only 950 miles today but another early start tomorrow!	5000
BA03-04	26T	Maiduguri, Nigeria To El Geneina, Sudan	06:00	11:20	DNMA	HSGN	577	Dep Maiduguri Rwy 23 turning left onto 082° for N'Djamena NDB LN 370.0*. The route will take the aircraft out of Nigeria, overflying the Northern tip of the Cameroons and into Chad. N'Djamena is the capital of Chad. It was previously known as Fort Lamy. At LN ahead on 084° to overfly the airfield of Bokoro in 120 miles. Now begins over 400 miles of dead reckoning without any navigational aids until getting closer to El Geneina. At Bokoro airfield head 056° for Ati airfield. At Ati airfield head 076° for Abeche airfield. At Abeche airfield head 103° for El Geneina NDB GNA 261.0*	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA03-05	26T	El Geneina, Sudan To El Fasher, Sudan	12:20	13:30	HSGN	HSFS	169	Dep El Geneina Rwy 04 turning right onto 086° for El Fasher NDB FSR 394.0* The need for height will become clear as you approach the Marrah mountains!	9000
BA03-06	26T	El Fasher, Sudan To Khartoum, Sudan	14:20	17:45	HSFS	HSSS	500	Dep El Fasher Rwy 04 turning right onto 107° for El Nahud airfield. Still not many navigational aids! At El Nahud airfield onto 073° for El Obeid NDB OBD 279.0*. At GNA turn North onto 359° for Khartoum NDB 335.0* As you approach Khartoum you will see on the right the White Nile also flowing North from Uganda and 30 miles before Khartoum the Blue Nile will appear from the East> They join at Khartoum before heading north to Cairo and the Mediterranean Sea. Some passengers will leave the flight here to catch either BOAC flying boats operating up from Durban through to Calcutta or aircraft operating between London and Johannesburg.	7000
BA03-07	26T	Khartoum, Sudan To Wadi Halfa, Sudan	06:00	08:50	HSSS	HSSW	437	Depart Khartoum Rwy 36 turning right onto 033° for Atbara wells NDB ATB 273.0*. Atbara Wells is so called because of the large number of wells sunk to provide clean water! At ATB turn left onto 328° for Wadi Halfa airfield which appears just before Lake Nubia/Nasser. Not much of an airfield!	5000
BA03-08	26T	Wadi Halfa, Sudan To Luxor, Egypt	09:20	11:15	HSSW	HELX	254	Depart Wadi Halfa Rwy 06 turning left onto 013° for Luxor NDB LO 364.0*. The airfield at Luxor is a few miles before the NDB.	5000
BA03-09	26T	Luxor, Egypt To Cairo (Almaza), Egypt	12:00	14:10	HELX	HEAZ	275	Depart Luxor Rwy 02 turning left onto 343° for Almaza NDB 490.0* and finally Rwy 36. Nearly 3200 miles, 3 days and 9 landings well done!	6000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA04-01	25T	Cairo (Almaza), Egypt To Wadi Halfa, Sudan	03:00	06:30	HECW	HSSW	532	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p><i>Opreates back to Accra Mondays & Wednesdayswith Mondays flight omitting the stop at El Fasher.</i></p> <p>Dep Cairo Almaza Rwy 36 turning right onto 161° for Luxor NDB LO 364.0*. An early departure!</p> <p>At LO turn tight onto 193° direct to Wadi Halfa airfield 249 miles away. It is quite tricky to find. You certainly wouldn't wish to land in the dark!</p>	7000
BA04-03	25T	Wadi Halfa, Sudan To Khartoum, Sudan	07:00	09:45	HSSW	HSSS	437	<p>Depart Wadi Halfa Rwy 06 turning right onto 147° for Atbara Wells NDB ATB 273.0*</p> <p>At ATB turn right onto 213° for Khartoum NDB 358.0*</p>	5000
BA04-04	25T	Khartoum, Sudan To El Fasher, Sudan	11:00	14:10	HSSS	HSFS	500	<p>On Wednesdays only, the flight between Khartoum and El Geneina stops at El Fasher. This is a Wednesday!</p> <p>Depart Khartoum Rwy 18 dead ahead for Khartoum NDB KIN 335.0.</p> <p>At KIN turn right onto 222° for El Obeid NDB 279.0*.</p> <p>At OBD turn right onto 254° for El Nahud airfield</p> <p>At El Nahud airfield turn right onto 287° for El Fasher NDB FSR 394.0*.</p>	8000
BA04-05	25T	El Fasher, Sudan To El Geneina, Sudan	14:40	16:00	HSFS	HSGN	169	<p>Depart El Fasher Rwy 01 turning left onto 267° direct to El Geneina NDB 261.0*. Land at El Geneina and night stop!</p>	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA04-06	25T	El Geneina, Sudan To Maiduguri, Nigeria	06:00	08:50	HSGN	DNMA	576	Dep El Geneina Rwy 04 turning left onto 283° direct to Abeche airfield dead reckoning! At Abeche turn left onto 256° direct to Ati airfield. At Ati airfield turn further left onto 236° to Bokora airfield. At Bokora turn right onto 264° to N'Djamena NDB LN 370.0* At LN ahead onto 262° to Maiduguri NDB 352.0*.	8000
BA04-07	25T	Maiduguri, Nigeria To Kano, Nigeria	09:35	11:35	DNMA	DNKN	269	Dep Maiduguri Rwy 23 turning right onto 274° for Kano NDB KO 260.0*.	6000
BA04-08	25T	Kano, Nigeria To Lagos, Nigeria	12:20	15:30	DNKN	DNMM	460	Dep Kano Rwy 24 ahead on 225° for Zaria NDB ZA 336.0*. At ZA turn left onto 207° for Kaduna NDB KK 391.0. At KK turn right onto 237° for Ilorin NDB IN 391.0*. Please note this is the same frequency! At IN turn left onto 213° for Ibadan NDB IB 400.0. Finally at IB head 220° for Lagos NDB LA 336.0.	6000
BA04-09	25T	Lagos, Nigeria To Accra, Ghana	17:10	18:20	DNMM	DGAA	223	Dep Lagos Rwy 19R turning right onto 261° for Contonou NDB CO 284.0*. At CO turn right onto 265° for Lome NDB LME 379.0. Finally at LME head 256° for Accra NDB AA 409.0. The end of an adventure across Africa!	4000

Last but not least, with the end of the War in Europe commercial flights across Europe could be resumed and the flights that follow show a much simpler and direct way of getting to Cairo from the UK. Routing via Marseille, Malta and El Adem, 2170 miles and 3 stops versus 7173 miles around Africa and 16 stops! No night stops for passengers here although there was probably a crew slip in Malta.

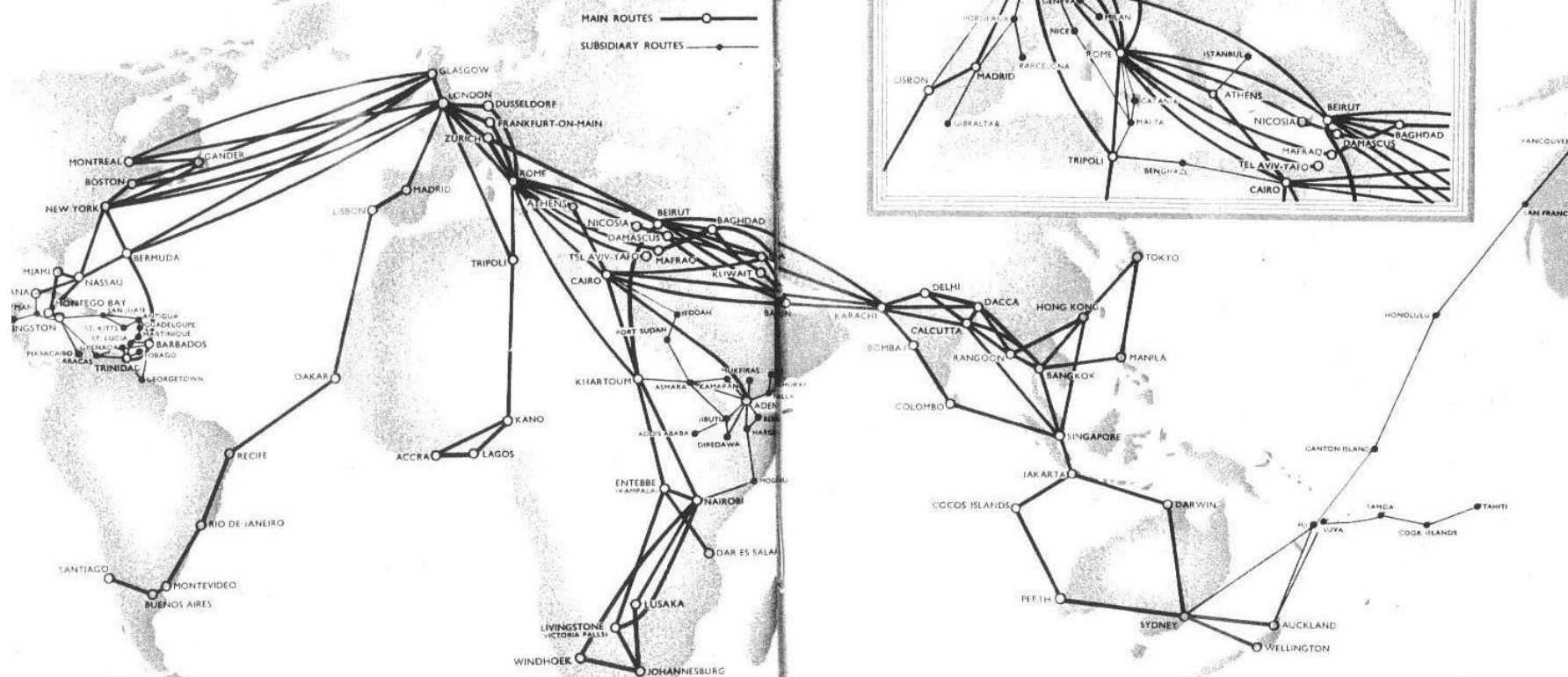
DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA05-01	29M	Hurn, UK To Marseille (Marignane), France	14:00	18:00	EGHH	LFML	560	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p><i>Operates daily to Cairo</i> Dep Hurn Rwy 26 climbing to 1000' on runway heading. Turn left onto 124° for St Catherines's point NDB CP 293.0. At CP head 118° to Dieppe NDB DSA 351.0* crossing into France. At DSA turn right onto 143° for Paris Orly NDB OYE 349.0 overflying the capital. At OYE turn left onto 127° for Bray NDB BRY 277.0. At BRY turn right onto 161° for Montceau NDB MM 317.0*. At MM ahead onto 165° for Tartare NDB TR 344.0. At TR turn right onto 179° for Montelimar NDB MTL 362.0*. At MTL ahead onto 170° for Orange NDB ORG 328.0. Finally at ORG head 164° for Marseille NDB 383.0.</p>	9000
BA05-02	29M	Marseille (Marignane), France To Luqa Airport, Malta	19:00	00:30	LFML	LMML	658	<p>Dep Marseille Rwy 14L turning right onto 122° for Hyeres NDB TLN 322.0. At TLN turn further right onto 147° for Alghero NDB ALG 382.0* on the north Western tip of Sardinia. At ALG right onto 158° for Decimomannu (known as Deci!) NDB DEC 331.0. At DEC left onto 122° for Carbonara NDB CAR 402.0 for the crossing to Sicily. At CAR left onto 116° for Trapani NDB TRP 317.5*. At TRP right onto 143° for Gozo NDB GZO 320.0*. Finally Left onto 130° for Malta NDB MLT 395.0 just beyond the airfield of Luqa. A change of crews here before the aircraft and passengers continue onwards.</p>	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA05-03	29M	Luqa Airport, Malta To El Adem (now Gamal Abd El Nasser), Libya	01:30	06:25	LMML	HL0L	528	Dep Luqa Rwy 14 onto 113° for a fairly long crossing to Libya and Labraq NDB 392.0*. Finally onto 116° for Gamal Abd El Nasser airfield in Libya. In 1946 this was a British base called El Adem.	7000
BA05-04	29M	El Nasser, Libya To Cairo (Almaza), Egypt	07:30	10:15	HL0L	HEAZ	402	Dep El Nasser Rwy 15 turning left onto 097° for Borg El Arab NDB DJ 563.0*. At DJ turn right onto 116° for Almaza NDB A 490.0 and finally Rwy 180. A light lunch and the sights of Cairo await!	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA06-01	30M	Cairo (Almaza), Egypt To El Nasser, Libya	19:30	22:40	HECW	HL0L	401	Operates daily to London Dep Cairo Almaza Rwy 36 turning left onto 297° for Borg el Arab NDB DJ 563.0*. At NDB DJ turn left onto 280. Now landing at El Nasser will be a bit tricky as it will be near midnight local time and the airfield has no lights! In 1946 it would have had goose neck flares lit for your arrival. If you descend early and your navigation is good and the weather reasonable, it is achievable. The runways will appear light grey against the dark background of the desert and they are long! If not divert to Labraq (El Beida) 114 miles west by heading 298° to Labraq NDB LAB 392.0.	6000
BA06-02	30M	El Nasser, Libya To Luqa Airport, Malta	23:45	03:15	HL0L	LMML	529	Depart El Nasser Rwy 02 and turn left onto 298° for Labraq NDB LAB 392.0. At LAB ahead onto 297° for Luqa NDB LQA 416.0* and the airfield.	6000
BA06-03	30M	Luqa Airport, Malta To Marseille (Marignane), France	04:15	08:15	LMML	LFML	647	Dep Luqa Rwy 14 turning right onto 309° for Gozo NDB GZO 320.0. At GZO right onto 323° for Trapani NDB TRP 317.5*. At TRP left onto 297° for Carbonara NDB CAR 402.0*. At CAR right onto 302° for Decimomannu NDB DEC 331.0. At DEC right onto 338° for Alghero NDB ALG 322.0. At ALG left onto 327° for Hyeres NDB TLN 322.0*. At TLN turn left onto 327° for Marseille NDB MJ 406.0. Do not descend too quickly, too soon because of high ground between TLN and MJ!	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA06-04	30M	Marseille (Marignane), France To Hurn, UK	09:15	13:40	LFML	EGHH	561	Dep Marseille Rwy 14L and then left onto 344° for Orange NDB ORG 328.0. At ORG turn right onto 350° for Montelimar NDB MTL 362.0. At MTL ahead on 359° to Tarare NDB TR 344.0. At TR left onto 345° for Montceaux NDB MM 317.0. At MM ahead on 341° for Bray NDB BRY 277.0*. At BRY turn left onto 308° for Orly NDB OYE 349.0. At OYE turn right onto 323° for Dieppe NDB DSA 351.0* and overfly the French capital Paris. At DSA turn left onto 299° across the Channel to St Catherine's Point NDB CP 293.0* on the Isle of Wight. Finally at CP ahead on 304° for Bournemouth NDB BIA 339.0. Well done!	8000

B.O.A.C. Speedbird World Routes



IN ASSOCIATION WITH QANTAS EMPIRE AIRWAYS LTD. SOUTH AFRICAN AIRWAYS, TASMAN EMPIRE AIRWAYS LTD., BRITISH COMMONWEALTH AIRLINES LTD. & WHOLLY OWNED SUBSIDIARIES BRITISH WEST INDIAN AIRWAYS LTD. BAHAMAS AIRWAYS LTD. & ADEN AIRWAYS LTD.

BOAC Canadair DC4-M Argonaut Schedules February 1954



A BOAC Argonaut G-ALHX 'Astraea' at Livingstone , Zambia (then Northern Rhodesia) photo by Connie Heggblom

The more powerful Rolls-Royce Merlin engines of 1,760 hp, compared with DC-4's Pratt & Whitney R-2000 engines of 1450hp and pressurisation, gave the Argonaut a higher cruising speed of 282 knots versus 197 knots and a service ceiling of 36,000 feet versus 22,300

feet. It is possible to fly all these flights with the DC-3 Airways DC-4, but remember that you will be trying to get the DC-4 up to some fair old heights, so it will not be able to simply fly straight up with the autopilot set at +700 ft/min. The aircraft will stall out long before you get there! So when you see the airspeed starting to fall off, reduce the rate of climb on the auto pilot gradually down until you do get there. Please note that the rate of climb may need to be reduced as low as +200 ft/min to get to the higher altitudes. Finally the manifold pressure will fall off too, so keep the power levers stepping up until they are giving you everything and even then the manifold pressure will fall below 33". In the cruise you should be able to get the right numbers though. This was obviously the benefit of the later design of the Canadair DC-4M with its Merlin engines and pressurisation. No need to go on oxygen too!

BOAC Argonaut flights to East Africa

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA159-01	BA159	London (Heathrow), UK To Rome (Ciampino), Italy	10:15	15:35	EGLL	LIRA	798	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p><i>Operates four times a week to Nairobi, Thursday and Saturday in First Class and Tourist (BA159) and Sunday and Wednesday in Tourist only (BA161).</i></p> <p>Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0.</p> <p>At SFD turn left onto 138° to Creil VOR CRL 109.20 and across the English Channel and into France.</p> <p>At CRL left onto 129° to Rolampont VOR RLP 117.30.</p> <p>At RLP right onto 142° to Sion VOR SIO 112.15 and into Switzerland.</p> <p>At SIO left onto 137° to Voghera VOR VOG 115.50. Ahead lie the Alps and Italy with the Matterhorn on the left at 4478m (14691') and Mont Blanc on the right 4807m (15771')..</p> <p>At VOG right onto 141° for Pisa VOR PIS 112.10 and its leaning tower.</p> <p>At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40.</p> <p>Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)</p>	19000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA159-02	BA159	Rome (Ciampino), Italy To Cairo (International), Egypt	16:35	23:15	LIRA	HECA	1180	Depart Ciampino Rwy 33 and climb ahead on runway heading to 1000 before right onto 136° for Latina VOR LAT 112.20. At LAT ahead onto 131° to Sorrento VOR SOR 112.20 just by the isle of Capri. At SOR left onto 125° to Crotone VOR CRN 117.10 on the sole of the so called boot of Italy. At CRN left onto 102° across the Ionian Sea to Araxos VOR ARA 112.70* and Greece. At ARA right onto 131° to Tripolis VOR TRL 116.20. At TRL right onto 151° to Paleochora VOR PLH 114.60 and the Western end of Crete. At PLH left onto 123° and across the Mediterranean to Alexandria VOR AXD 115.90 and Egypt. At AXD ahead on 126° to Cairo VOR 112.50 and then 187° for Cairo International and ILS 23L 109.50.	15000
BA159-03	BA159	Cairo (International), Egypt To Khartoum, Sudan	00:15	04:40	HECA	HSSS	887	Dep Cairo Rwy 34 turning left onto 183° to Asyut VOR AST 117.70* and up the Nile. At AST turn left onto 171° to Abu Simbel VOR SML 113.50*. At SML ahead onto 175° to Merowe VOR MRW 116.0*. At MRW left onto 164° to Khartoum VOR KTM 112.10 and the ILS for Rwy 36 109.70.	7000
BA159-04	BA159	Khartoum, Sudan To Entebbe, Uganda	05:40	11:35	HSSS	HUEN	945	Dep Khartoum Rwy 36 turning right onto 170° Kenana VOR KNA 115.40*. At KNA right onto 188° for Juba VOR JUB 113.30*. At JUB left onto 169° for Entebbe VOR NN 117.50* just to the North of Lake Victoria and the ILS for Rwy 17 110.70.	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA159-05	BA159	Entebbe, Uganda To Nairobi (Eastleigh), Kenya	12:35	14:20	HUEN	HKRE	304	Depart Entebbe Rwy 17 turning left onto 094° for Kisumu VOR KIV 114.10* on the Eastern edge of Lake Victoria. At KIV turn right onto 124° for the Ngong VOR GV 115.90*. At GV head 073° to Nairobi VOR NV 113.10, however by now it should also be possible to tune the Eastleigh NDB EA 256.0 and head direct. Remember the airfield is at 5700' when descending! Nairobi has three airfields quite close together, the bigger one being Jomo Kenyatta International, originally Nairobi, Embakasi, but not open in 1954!	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA160-01	BA160	Nairobi (Eastleigh), Kenya to Entebbe, Uganda	09:00	10:35	HKRE	HUEN	293	Operates Monday & Saturday in mixed class (BA160), Tuesday and Friday Tourist only (BA162) to London. Depart Eastleigh Rwy 24 turning right onto 242° for Ngong VOR GV 115.90. At GV turn right onto 304° for Kisumu VOR KIV 114.10. Just after leaving the GV VOR you will see Lake Naivasha to the North in the Great Rift Valley. At KIV turn left onto 273° for Entebbe VOR NN 117.50 and the ILS for Rwy 17 110.70.	12000
BA160-02	BA160	Entebbe, Uganda To Khartoum, Sudan	12:35	14:20	HUEN	HSSS	945	Dep Entebbe Rwy 17 and turn left onto 350° for Juba VOR JUB 113.30*. At JUB turn right onto 008° for Kenana VOR KNA 115.40*. At KNA left onto 351° for Khartoum VOR KTM 112.10 and the ILS for Rwy 18 110.70.	10000
BA160-03	BA160	Khartoum, Sudan To Cairo (International), Egypt	16:20	20:55	HSSS	HECA	885	Depart Khartoum Rwy 18 and turn right onto 344° for Merowe VOR MRW 116.0*. At MRW turn right onto 355° to Abu Simbel VOR SML 113.50*. At SML ahead on 355° to Asyut VOR AST 117.70*. Finally at AST turn right onto 004° for Cairo VOR CAI 112.50 and ILS for Rwy 23L 109.50.	8000
BA160-04	BA160	Cairo (International), Egypt To Rome (Ciampino), Italy	21:55	03:35	HECA	LIRA	1151	Dep Cairo Rwy 23L and turn right onto 307° for Paleochora VOR PLH 114.60*. At PLH ahead on 305° to Crotone VOR CRN 117.10*. At CRN ahead on 306° to Sorrento VOR SOR 112.20. At SOR turn right onto 311° Latina VOR LAT 111.20. At LAT turn right onto 316° for the Rome VOR ROM 110.80. Have a care on the descent as Monte Cavo is on the descent at 3113' and seeing trees through the flight deck windows could spoil your day!	9500

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA160-05	BA160	Rome (Ciampino), Italy To London (Heathrow), UK	04:35	08:25	LIRA	EGLL	813	Dep Ciampino Rwy 15 and turn right onto Siena VOR SIE 110.20*. At SIE ahead on 327° to Saronno VOR SRN 113.70. At SRN turn right onto 334° to Willislau VOR WIL 116.90 and back across the Alps. At WIL turn left onto 312° to Reims VOR REM 112.30*. At REM turn right onto 320° to Dover VOR DVR 114.95. At DVR turn left onto 282° to Ockham VOR OCK 115.30. Finally at OCK turn onto 001° for London VOR LON 113.60 and ILS for 27L 109.50.	20000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA165-01	BA165	London (Heathrow), UK To Rome (Ciampino), Italy	10:15	15:35	EGLL	LIRA	800	<i>Operates Fridays to Dar Es Salaam on the same routing as BA159 as far as Entebbe.</i> Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0. At SFD turn left onto 138° to Creil VOR CRL 109.20. At CRL left onto 129° to Rolampont VOR RLP 117.30. At RLP right onto 142° to Sion VOR SIO 112.15. At SIO left onto 137° to Voghera VOR VOG 115.50. At VOG right onto 141° for Pisa VOR PIS 112.10. At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40. Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)	19000
BA165-02	BA165	Rome (Ciampino), Italy To Cairo (International), Egypt	16:35	23:15	LIRA	HECA	1182	Depart Ciampino Rwy 33 and climb ahead on runway heading to 1000 before right onto 136° for Latina VOR LAT 112.20. At LAT ahead onto 131° to Sorrento VOR SOR 112.20. At SOR left onto 125° to Crotone VOR CRN 117.10. At CRN left onto 102° to Araxos VOR ARA 112.70*. At ARA right onto 131° to Tripolis VOR TRL 116.20. At TRL right onto 151° to Paleochora VOR PLH 114.60. At PLH left onto 123° to Alexandria VOR AXD 115.90. At AXD ahead on 126° to Cairo VOR 112.50 and then 187° for Cairo International and ILS 23L 109.50.	11000
BA165-03	BA165	Cairo (International), Egypt To Khartoum, Sudan	00:15	04:40	HECA	HSSS	887	Dep Cairo Rwy 34 turning left onto 183° to Asyut VOR AST 117.70* and up the Nile. At AST turn left onto 171° to Abu Simbel VOR SML 113.50*. At SML ahead onto 175° to Merowe VOR MRW 116.0*. At MRW left onto 164° to Khartoum VOR KTM 112.10 and the ILS for Rwy 36 109.70.	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA165-04	BA165	Khartoum, Sudan To Entebbe, Uganda	05:40	11:35	HSSS	HUEN	945	Dep Khartoum Rwy 36 turning right onto 170° Kenana VOR KNA 115.40*. At KNA right onto 188° for Juba VOR JUB 113.30*. At JUB left onto 169° for Entebbe VOR NN 117.50* just to the North of Lake Victoria and the ILS for Rwy 17 110.70.	11000
BA165-05	BA165	Entebbe, Uganda To Dar Es Salaam, Tanzania	12:35	15:35	HUEN	HTDA	598	Depart Entebbe Rwy 17 turn left onto 139° for Musoma NDB MU 312.0*. At MU turn left onto 120° for Kilimanjaro VOR KV 115.30*. As you get closer to KV remember Mount Mehru is on track at 15000'. If visual fly around. If not climb some more! On the left in the distance is Mount Kilimanjaro itself at 19340' and the highest mountain in Africa. In a classic piece of understatement, the name is the Masaai word for rock! At KV turn right onto 149° to Dar Es Salaam VOR DV 112.70* and the ILS for Rwy 05 110.50. As you cruise down the coast you will see the island of Zanzibar on the left.	15000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA166-01	BA166	Dar Es Salaam, Tanzania	10:00	13:00	HTDA	HUEN	597	<i>The flight back to London operates on Sundays.</i> Dep Dar Es Salaam Rwy 05 and turn left onto 330° for Kilimanjaro VOR KV 117.50. Having avoided Mount Mehru coming out, remember to do so again going home! At KV turn left onto 301° for Musoma NDB MU 312.0*. At MU right onto 319° for Entebbe VOR NN 117.50 and the ILS for Rwy 17 110.70.	16000
BA166-02	BA166	Entebbe, Uganda To Khartoum, Sudan	14:00	17:45	HUEN	HSSS	945	Dep Entebbe Rwy 17 and turn left onto 350° for Juba VOR JUB 113.30*. At JUB turn right onto 008° for Kenana VOR KNA 115.40*. At KNA left onto 351° for Khartoum VOR KTM 112.10 and the ILS for Rwy 18 110.70.	10000
BA166-03	BA166	Khartoum, Sudan To Cairo (International), Egypt	18:45	23:20	HSSS	HECA	885	Depart Khartoum Rwy 18 and turn right onto 344° for Merowe VOR MRW 116.0*. At MRW turn right onto 355° to Abu Simbel VOR SML 113.50*. At SML ahead on 355° to Asyut VOR AST 117.70*. Finally at AST turn right onto 004° for Cairo VOR CAI 112.50 and ILS for Rwy 23L 109.50.	8000
BA166-04	BA166	Cairo (International), Egypt To Rome (Ciampino), Italy	00:20	06:00	HECA	LIRA	1151	Dep Cairo Rwy 23L and turn right onto 307° for Paleochora VOR PLH 114.60*. At PLH ahead on 305° to Crotone VOR CRN 117.10*. At CRN ahead on 306° to Sorrento VOR SOR 112.20. At SOR turn right onto 311° Latina VOR LAT 111.20. At LAT turn right onto 316° for the Rome VOR ROM 110.80. Have a care on the descent as Monte Cavo is on the descent at 3113' and seeing trees through the flight deck windows could spoil your day!	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA166-05	BA166	Rome (Ciampino), Italy To London (Heathrow), UK	07:00	10:50	LIRA	EGLL	813	Dep Ciampino Rwy 15 and turn right onto Siena VOR SIE 110.20*. At SIE ahead on 327° to Saronno VOR SRN 113.70. At SRN turn right onto 334° to Willislau VOR WIL 116.90 and back across the Alps. At WIL turn left onto 312° to Reims VOR REM 112.30*. At REM turn right onto 320° to Dover VOR DVR 114.95. At DVR turn left onto 282° to Ockham VOR OCK 115.30. Finally at OCK turn onto 001° for London VOR LON 113.60 and ILS for 27L 109.50.	20000



Canadair DC4M Argonaut G-ALHD Ajax somewhere hot and wet!

BOAC Argonaut Flights to West Africa

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA251-01	BA251	London (Heathrow), UK To Tripoli (Idris), Libya	14:45	22:35	EGLL	HLLT	1282	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p><i>Operates Monday and Wednesday to Lagos.</i></p> <p>Depart Heathrow Rwy 09L and turn right onto 156° for Seaford VOR SFD 117.0.</p> <p>At SFD ahead onto 153° for Rambouillet VOR RBT 114.70 and across the English Channel and into France.</p> <p>At RBT just South West of Paris continue on 153° for Moulins VOR MOU 116.70.</p> <p>At MOU ahead on 150° to St Tropez VOR STP 116.50* on the South of France..</p> <p>At STP ahead on 150° for Alghero VOR ALG 113.80 and the North Western tip of Sardinia.</p> <p>At ALG ahead on 156° for Cagliari VOR CAG 113.40.</p> <p>At CAG ahead ahead on 159° across the Mediterranean for Tunis VOR TUC 116.50 and the African continent,</p> <p>At TUC continue on 159° to Monastir VOR MON 113.10.</p> <p>Finally at MON turn left for Tripoli VOR TPI 114.50* and the ILS for Rwy 27 109.50. The crew slip here for a night or two until the next flight comes through.</p>	11000
BA251-02	BA251	Tripoli (Idris), Libya To Kano, Nigeria	23:20	06:05	HLLT	DNKN	1323	<p>Depart Tripoli Rwy 27 before heading South onto 184° for Mizda VOR IZD 116.50, and the start of a night crossing of the Sahara desert. Not much to see but the occasional camp fire even today.</p> <p>At IZD turn right onto 221° for Zarzaitane VOR IMN 112.90* just into Algeria.</p> <p>At IMN turn left onto 183° and Djanet VOR DJA 114.10*</p> <p>At DJA turn right onto 191° and Agades VOR AS 113.50*.</p> <p>Agades is in Northern Niger.</p> <p>At AS turn left onto 165° for Zinder VOR ZR 116.20 (no DME). Finally at ZR right onto Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.</p>	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA-251-03	BA251	Kano, Nigeria To Lagos, Nigeria	07:20	09:45	DNKN	DNMM	456	Depart Kano Rwy 05 and turn right onto 218° for Kaduna VOR KU 114.70*. You will pick up the signal as you climb. At KU ahead onto 224° for Bida VOR BD 112.70. At BD turn right onto 235° for Ibadan VOR IB 112.10. Finally at IB turn left onto 229° for the Lagos VOR LAG 113.70 on long finals for the ILS for Rwy 19L 110.30. Time for the hotel and a cold drink!	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA252-01	BA252	Lagos, Nigeria To Kano, Nigeria	14:30	17:05	DNMM	DNKN	456	Operates Sunday and Thursday to London. Depart Lagos Rwy 19L and turn left onto 044° for Ibadan VOR IB 112.10*. You will pick up the signal as you climb. At IB turn right onto 055° for Bida VOR BD 112.70. At BD left onto 044° for Kaduna VOR KU 114.70. Finally at KU turn left onto 038° for Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.	7000
BA252-02	BA252	Kano, Nigeria To Tripoli, Libya	18:05	00:30	DNKN	HLLT	1311	Depart Kano Rwy 06 turn left onto 017° for Zinder VOR 116.20. The signal will appear in the climb. At ZR turn left onto 346° for Agades VOR AS 113.50. At AS turn right onto 012° for Djanet VOR DJA 114.10*. At DJA turn left onto 003° for Zarzaitine VOR IMN 112.9*. Finally at IMN turn right onto 033° for Tripoli VOR 114.50* and the ILS for Rwy 27 109.50.	9000
BA252-03	BA252	Tripoli, Libya To London (Heathrow), UK	01:15	07:30	HLLT	EGLL	1292	Depart Tripoli Rwy 09 turn left onto 328° for Monastir VOR MON 113.10*. The signal will appear in the climb. At MON turn right onto 339° for Tunis VOR TUC 116.50. At TUC ahead onto 339° for Cagliari VOR CAG 113.40. At CAG ahead on 336° for Alghero VOR ALG 113.80. At ALG ahead on 336° for St Tropez VOR STP 116.50. At STP ahead on 338° for Lyons VOR LSE 114.75. At LSE turn right onto 333° for Autan VOR ATN 114.90. At ATN ahead on 336° for Charles de Gaulle VOR PGS 117.05. At PGS ahead on 334° for Lydd VOR LYD 114.05 At LYD turn left onto 295° for Ockham VOR OCK 115.30. Finally at OCK turn right onto 001° for London VOR LON 113.60 and the ILS for 27L 109.50.	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA253-01	BA253	London (Heathrow), UK To Tripoli (Idris), Libya	14:45	22:35	EGLL	HLLT	1282	Operates Thursday to Accra. Depart Heathrow Rwy 09L and turn right onto 156° for Seaford VOR SFD 117.0. At SFD ahead onto 153° for Rambouillet VOR RBT 114.70 and across the English Channel and into France. At RBT just South West of Paris continue on 153° for Moulins VOR MOU 116.70. At MOU ahead on 150° to St Tropez VOR STP 116.50* on the South of France.. At STP ahead on 150° for Alghero VOR ALG 113.80 and the North Western tip of Sardinia. At ALG ahead on 156° for Cagliari VOR CAG 113.40. At CAG ahead ahead on 159° across the Mediterranean for Tunis VOR TUC 116.50 and the African continent, At TUC continue on 159° to Monastir VOR MON 113.10. Finally at MON turn left for Tripoli VOR TPI 114.50* and the ILS for Rwy 27 109.50. The crew slip here for a night or two until the next flight comes through.	11000
BA253-02	BA253	Tripoli (Idris), Libya To Kano, Nigeria	23:20	06:05	HLLT	DNKN	1323	Depart Tripoli Rwy 27 before heading South onto 184° for Mizda VOR IZD 116.50, and the start of a night crossing of the Sahara desert. Not much to see but the occasional camp fire even today. At IZD turn right onto 221° for Zarzaitane VOR IMN 112.90* just into Algeria. At IMN turn left onto 183° and Djanet VOR DJA 114.10* At DJA turn right onto 191° and Agades VOR AS 113.50*. Agades is in Northern Niger. At AS turn left onto 165° for Zinder VOR ZR 116.20 (no DME). Finally at ZR right onto Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA253-03	BA253	Kano, Nigeria To Accra, Ghana	07:20	09:40	DNKN	DGAA	651	Depart Kano Rwy 05 and turn right onto 224° for Kaduna VOR KDA 115.30. At KDA turn right for Ilorin VOR IL 112.30*. At IL ahead on 239° for Lome VOR LM 115.30*. Finally turn right onto 254° for Accra VOR 113.10 and the ILS for Rwy 21 109.90.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA254-01	BA254	Accra, Ghana To Kano, Nigeria	14:30	19:05	DGAA	DNKN	651	Operates back to London on Fridays. Depart Accra Rwy 03 and turn right onto 074° to Lome VOR LM 115.30. At LM turn left onto 060° for Ilorin VOR IL 112.30*. At IL turn left onto 055° for Kaduna VOR KDA 115.30*. Finally at KDA turn left onto 044° for Kano VOR 112.50 and the ILS for Rwy 06 109.50.	7000
BA254-02	BA254	Kano, Nigeria To Tripoli, Libya	18:05	00:30	DNKN	HLLT	1311	Depart Kano Rwy 06 turn left onto 017° for Zinder VOR 116.20. The signal will appear in the climb. At ZR turn left onto 346° for Agades VOR AS 113.50. At AS turn right onto 012° for Djanet VOR DJA 114.10*. At DJA turn left onto 003° for Zarzaitine VOR IMN 112.9*. Finally at IMN turn right onto 033° for Tripoli VOR 114.50* and the ILS for Rwy 27 109.50.	9000
BA254-03	BA254	Tripoli, Libya To London (Heathrow), UK	01:15	07:30	HLLT	EGLL	1292	Depart Tripoli Rwy 09 turn left onto 328° for Monastir VOR MON 113.10*. The signal will appear in the climb. At MON turn right onto 339° for Tunis VOR TUC 116.50. At TUC ahead onto 339° for Cagliari VOR CAG 113.40. At CAG ahead on 336° for Alghero VOR ALG 113.80. At ALG ahead on 336° for St Tropez VOR STP 116.50. At STP ahead on 338° for Lyons VOR LSE 114.75. At LSE turn right onto 333° for Autan VOR ATN 114.90. At ATN ahead on 336° for Charles de Gaulle VOR PGS 117.05. At PGS ahead on 334° for Lydd VOR LYD 114.05 At LYD turn left onto 295° for Ockham VOR OCK 115.30. Finally at OCK turn right onto 001° for London VOR LON 113.60 and the ILS for 27L 109.50.	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA255-01	BA255	London (Heathrow), UK To Rome (Ciampino), Italy	13:15	18:35	EGLL	LIRA	798	Operates Saturdays to Lagos. Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0. At SFD turn left onto 138° to Creil VOR CRL 109.20. At CRL left onto 129° to Rolampont VOR RLP 117.30. At RLP right onto 142° to Sion VOR SIO 112.15. At SIO left onto 137° to Voghera VOR VOG 115.50. At VOG right onto 141° for Pisa VOR PIS 112.10. At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40. Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)	19000
BA255-02	BA255	Rome (Ciampino), Italy To Tripoli, Libya	19:35	22:35	LIRA	HLLT	555	Depart Ciampino Rwy 33 turning left onto 162° for Ponza VOR PNZ 114.60. At PNZ, one of the Pontin Islands, turn right onto Trapani VOR TRP 108.80. At TRP on the North West of Sicily, turn left onto 177° for Lampedusa VOR LPD 108.60* another Italian island in the Mediterranean. Finally at LPD turn left onto 170° for Tripoli VOR TPI 114.50 and the ILS for Rwy 27 109.50.	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA255-03	BA255	Tripoli (Idris), Libya To Kano, Nigeria	23:20	06:05	HLLT	DNKN	1323	Depart Tripoli Rwy 27 before heading South onto 184° for Mizda VOR IZD 116.50, and the start of a night crossing of the Sahara desert. Not much to see but the occasional camp fire even today. At IZD turn right onto 221° for Zarzaitane VOR IMN 112.90* just into Algeria. At IMN turn left onto 183° and Djanet VOR DJA 114.10* At DJA turn right onto 191° and Agades VOR AS 113.50*. Agades is in Northern Niger. At AS turn left onto 165° for Zinder VOR ZR 116.20 (no DME). Finally at ZR right onto Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.	10000
BA-255-04	BA251	Kano, Nigeria To Lagos, Nigeria	07:20	09:45	DNKN	DNMM	456	Depart Kano Rwy 05 and turn right onto 218° for Kaduna VOR KU 114.70*. You will pick up the signal as you climb. At KU ahead onto 224° for Bida VOR BD 112.70. At BD turn right onto 235° for Ibadan VOR IB 112.10. Finally at IB turn left onto 229° for the Lagos VOR LAG 113.70 on long finals for the ILS for Rwy 19L 110.30. Time for the hotel and a cold drink!	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA256-01	BA252	Lagos, Nigeria To Kano, Nigeria	14:30	17:05	DNMM	DNKN	456	Operates Tuesday to London. Depart Lagos Rwy 19L and turn left onto 044° for Ibadan VOR IB 112.10*. At IB turn right onto 055° for Bida VOR BD 112.70. At BD left onto 044° for Kaduna VOR KU 114.70. Finally at KU turn left onto 038° for Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.	7000
BA256-02	BA254	Kano, Nigeria To Tripoli, Libya	18:05	00:30	DNKN	HLLT	1311	Depart Kano Rwy 06 turn left onto 017° for Zinder VOR 116.20. The signal will appear in the climb. At ZR turn left onto 346° for Agades VOR AS 113.50. At AS turn right onto 012° for Djanet VOR DJA 114.10*. At DJA turn left onto 003° for Zarzaitine VOR IMN 112.9-*. Finally at IMN turn right onto 033° for Tripoli VOR 114.50* and the ILS for Rwy 27 109.50.	9000
BA256-03	BA256	Tripoli, Libya To Rome (Ciampino), Italy	01:15	04:20	HLLT	LIRA	555	Depart Tripoli Rwy 09 and turn left onto 351° for Lampedusa VOR LPD 108.60*. At LPD right onto 357° for Trapani VOR TRP 108.80. At TRP turn right onto 006° for Ponza VOR PNZ 114.60. Finally at PNZ turn onto 342° for Rome VOR ROM 110.80 and the ILS for Rwy 15 109.90.	8000
BA256-04	BA256	Rome (Ciampino), Italy To London (Heathrow), UK	05:20	09:10	LIRA	EGLL	813	Dep Ciampino Rwy 15 and turn right onto Siena VOR SIE 110.20*. At SIE ahead on 327° to Saronno VOR SRN 113.70. At SRN turn right onto 334° to Willisau VOR WIL 116.90 and back across the Alps. At WIL turn left onto 312° to Reims VOR REM 112.30*. At REM turn right onto 320° to Dover VOR DVR 114.95. At DVR turn left onto 282° to Ockham VOR OCK 115.30. Finally at OCK turn onto 001° for London VOR LON 113.60 and ILS for 27L 109.50.	20000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA257-01	BA257	London (Heathrow), UK To Rome (Ciampino), Italy	13:15	18:35	EGLL	LIRA	798	Operates Sundays to Accra. Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0. At SFD turn left onto 138° to Creil VOR CRL 109.20. At CRL left onto 129° to Rolampont VOR RLP 117.30. At RLP right onto 142° to Sion VOR SIO 112.15. At SIO left onto 137° to Voghera VOR VOG 115.50. At VOG right onto 141° for Pisa VOR PIS 112.10. At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40. Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)	19000
BA257-02	BA257	Rome (Ciampino), Italy To Tripoli, Libya	19:35	22:35	LIRA	HLLT	555	Depart Ciampino Rwy 33 turning left onto 162° for Ponza VOR PNZ 114.60. At PNZ, turn right onto 186° for Trapani VOR TRP 108.80. At TRP turn left onto 177° for Lampedusa VOR LPD 108.60*. Finally at LPD turn left onto 170° for Tripoli VOR TPI 114.50 and the ILS for Rwy 27 109.50.	7000
BA257-03	BA257	Tripoli (Idris), Libya To Kano, Nigeria	23:20	06:05	HLLT	DNKN	1323	Depart Tripoli Rwy 27 before heading South onto 184° for Mizda VOR IZD 116.50., At IZD turn right onto 221° for Zarzaitane VOR IMN 112.90* just into Algeria. At IMN turn left onto 183° and Djanet VOR DJA 114.10* At DJA turn right onto 191° and Agades VOR AS 113.50*. Agades is in Northern Niger. At AS turn left onto 165° for Zinder VOR ZR 116.20 (no DME). Finally at ZR right onto Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA257-04	BA257	Kano, Nigeria To Accra, Ghana	07:20	09:40	DNKN	DGAA	651	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p>Depart Kano Rwy 05 and turn right onto 224° for Kaduna VOR KDA 115.30.</p> <p>At KDA turn right for Ilorin VOR IL 112.30*.</p> <p>At IL ahead on 239° for Lome VOR LM 115.30*.</p> <p>Finally turn right onto 254° for Accra VOR 113.10 and the ILS for Rwy 21 109.90.</p>	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA258-01	BA258	Accra, Ghana To Kano, Nigeria	14:30	19:05	DGAA	DNKN	651	Operates back to London on Mondays. Depart Accra Rwy 03 and turn right onto 074° to Lome VOR LM 115.30. At LM turn left onto 060° for Ilorin VOR IL 112.30*. At IL turn left onto 055° for Kaduna VOR KDA 115.30*. Finally at KDA turn left onto 044° for Kano VOR 112.50 and the ILS for Rwy 06 109.50.	7000
BA258-02	BA258	Kano, Nigeria To Tripoli, Libya	18:05	00:30	DNKN	HLLT	1311	Depart Kano Rwy 06 turn left onto 017° for Zinder VOR 116.20. The signal will appear in the climb. At ZR turn left onto 346° for Agades VOR AS 113.50. At AS turn right onto 012° for Djanet VOR DJA 114.10*. At DJA turn left onto 003° for Zarzaitine VOR IMN 112.9*. Finally at IMN turn right onto 033° for Tripoli VOR 114.50* and the ILS for Rwy 27 109.50.	9000
BA258-03	BA258	Tripoli, Libya To Rome (Ciampino), Italy	01:15	04:20	HLLT	LIRA	555	Depart Tripoli Rwy 09 and turn left onto 351° for Lampedusa VOR LPD 108.60*. At LPD turn right onto 357° for Trapani VOR TRP 108.80. At TRP turn right onto 006° for Ponza VOR PNZ 114.60. Finally at PNZ turn onto 342° for Rome VOR ROM 110.80 and the ILS for Rwy 15 109.90.	8000
BA258-04	BA258	Rome (Ciampino), Italy To London (Heathrow), UK	05:20	09:10	LIRA	EGLL	813	Dep Ciampino Rwy 15 and turn right onto Siena VOR SIE 110.20*. At SIE ahead on 327° to Saronno VOR SRN 113.70. At SRN right onto 334° to Willislau VOR WIL 116.90. At WIL turn left onto 312° to Reims VOR REM 112.30*. At REM turn right onto 320° to Dover VOR DVR 114.95. At DVR turn left onto 282° to Ockham VOR OCK 115.30. Finally at OCK turn onto 001° for London VOR LON 113.60 and ILS for 27L 109.50.	20000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA271-01	BA271	London (Heathrow), UK To Tripoli (Idris), Libya	14:45	22:35	EGLL	HLLT	1282	Operates Tuesday via Accra to Lagos. Depart Heathrow Rwy 09L and turn right onto 156° for Seaford VOR SFD 117.0. At SFD ahead on 153° for Rambouillet VOR RBT 114.70 and across the English Channel and into France. At RBT ahead on 153° for Moulins VOR MOU 116.70. At MOU ahead on 150° to St Tropez VOR STP 116.50*. At STP ahead on 150° for Alghero VOR ALG 113.80. At ALG ahead on 156° for Cagliari VOR CAG 113.40. At CAG ahead ahead on 159° for Tunis VOR TUC 116.50. At TUC continue on 159° to Monastir VOR MON 113.10. Finally at MON turn left for Tripoli VOR TPI 114.50* and the ILS for Rwy 27 109.50.	11000
BA271-02	BA271	Tripoli (Idris), Libya To Kano, Nigeria	23:20	06:05	HLLT	DNKN	1323	Depart Tripoli Rwy 27 and turn left onto 184° for Mizda VOR IZD 116.50. At IZD turn right onto 221° for Zarzaitane VOR IMN 112.90*. At IMN turn left onto 183° and Djanet VOR DJA 114.10* At DJA turn right onto 191° and Agades VOR AS 113.50*. At AS turn left onto 165° for Zinder VOR ZR 116.20 (no DME). Finally at ZR right onto Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.	10000
BA271-03	BA271	Kano, Nigeria To Accra, Ghana	07:20	09:40	DNKN	DGAA	651	Depart Kano Rwy 05 and turn right onto 224° for Kaduna VOR KDA 115.30. At KDA turn right for Ilorin VOR IL 112.30*. At IL ahead on 239° for Lome VOR LM 115.30*. Finally turn right onto 254° for Accra VOR 113.10 and the ILS for Rwy 21 109.90.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA271-04	BA271	Accra, Ghana To Lagos, Nigeria	10:40	13:10	DGAA	DNMM	230	Depart Accra Rwy 07 and turn right onto 074° for Lome VOR LM 115.30*. At LM turn right onto 087° for Cotonou VOR TYE 113.30. At TYE turn left onto 075° for Lagos VOR LAG 113.70 and the ILS for Rwy 19R 108.10.	5000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA272-01	BA272	Lagos, Nigeria To Kano, Nigeria	14:30	17:05	DNMM	DNKN	456	Operates Wednesday to London. Depart Lagos Rwy 19L and turn left onto 044° for Ibadan VOR IB 112.10*. At IB turn right onto 055° for Bida VOR BD 112.70. At BD left onto 044° for Kaduna VOR KU 114.70. Finally at KU turn left onto 038° for Kano VOR KAN 112.50 and the ILS for Rwy 06 109.50.	7000
BA272-02	BA272	Kano, Nigeria To Tripoli, Libya	18:05	00:30	DNKN	HLLT	1311	Depart Kano Rwy 06 turn left onto 017° for Zinder VOR 116.20. The signal will appear in the climb. At ZR turn left onto 346° for Agades VOR AS 113.50. At AS turn right onto 012° for Djanet VOR DJA 114.10*. At DJA turn left onto 003° for Zarzaitine VOR IMN 112.9*. Finally at IMN turn right onto 033° for Tripoli VOR 114.50* and the ILS for Rwy 27 109.50.	9000
BA272-03	BA272	Tripoli, Libya To London (Heathrow), UK	01:15	07:30	HLLT	EGLL	1292	Depart Tripoli Rwy 09 turn left onto 328° for Monastir VOR MON 113.10*. The signal will appear in the climb. At MON turn right onto 339° for Tunis VOR TUC 116.50. At TUC ahead onto 339° for Cagliari VOR CAG 113.40. At CAG ahead on 336° for Alghero VOR ALG 113.80. At ALG ahead on 336° for St Tropez VOR STP 116.50. At STP ahead on 338° for Lyons VOR LSE 114.75. At LSE turn right onto 333° for Autan VOR ATN 114.90. At ATN ahead on 336° for Charles de Gaulle VOR PGS 117.05. At PGS ahead on 334° for Lydd VOR LYD 114.05 At LYD turn left onto 295° for Ockham VOR OCK 115.30. Finally at OCK turn right onto 001° for London VOR LON 113.60 and the ILS for 27L 109.50.	11000

BOAC Argonaut flights to the Middle East

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA212-01	BA212	London (Heathrow), UK To Rome (Ciampino), Italy	13:15	18:35	EGLL	LIRA	798	Operates Tuesdays to Bahrain. Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0. At SFD turn left onto 138° to Creil VOR CRL 109.20. At CRL left onto 129° to Rolampont VOR RLP 117.30. At RLP right onto 142° to Sion VOR SIO 112.15. At SIO left onto 137° to Voghera VOR VOG 115.50. At VOG right onto 141° for Pisa VOR PIS 112.10. At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40. Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)	19000
BA212-02	BA212	Rome (Ciampino), Italy To Beirut, Lebanon	19:05	02:55	LIRA	OLBA	1197	Depart Ciampino Rwy 33 turning right onto 136° for Latina VOR LAT 112.20. At LAT turn left onto 106° for Teano VOR TEA 112.90. At TEA ahead on 100° for Brindisi VOR BRD 113.20 and across the Appenines. At BRD turn right onto 124° and across the Adriatic Sea for Kerkira VOR KRK 114.70 and the Greek island of Corfu. At KRK ahead on 121° to Korinthos VOR KRI 113.00. At KRI turn left onto 105° to Kea VOR KEA 115.00. At KEA ahead on 105° to Kos VOR KOS 109.00*. At KOS turn right onto 116° to Rhodes VOR RDS 115.80 and the last of a series of Greek islands. At RDS ahead on 110° and across the Mediterranean to Paphos VOR PHA 117.90* and the island of Cyprus. Finally at PHA ahead on 106° to Khaldeh VOR 112.60 and the ILS for Beirut Rwy 21 111.90.	17000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA212-03	BA212	Beirut, Lebanon To Kuwait	03:55	07:30	OLBA	OKBK	721	Depart Beirut Rwy 35 and turn right onto 115° for Damascus VOR DAM 116.00. The only problem is the Jebel Leban or Lebanon mountains so either climb quickly or head South before turning towards Damascus! At Dam turn right onto 127° to Turaif VOR TRF 116.10 just inside the Saudi Arabian border. At TRF turn left onto 107° for Arar VOR AAR 113.30. At AAR turn right onto Rafha VOR RAF 116.80. Finally at RAF turn left onto 092° for Kuwait VOR KUA 115.50* and the ILS for Rwy 15R 111.30.	15000
BA212-04	BA212	Kuwait To Bahrain	08:15	10:40	OKBK	OBBI	230	At Kuwait Rwy 33R turn right onto 151° for Ras Al Mishab VOR RAS 116.40 and down the Persian Gulf. Finally att RAS turn left onto 132° for Bahrain VOR BAH 115.30 and ILS for Rwy 30 110.30,	5000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA213-01	BA213	Bahrain To Kuwait	15:00	15:35	OBBI	OKBK	232	Operates Wednesdays to London. Depart Bahrain Rwy 30 and turn left onto 313° for Ras Al Mishab VOR RAS 116.40*. At RAS turn right for Kuwait VOR KUA and the ILS for Rwy 15L 110.10.	6000
BA213-02	BA213	Kuwait To Beirut, Lebanon	16:20	20:40	OKBK	OLBA	721	Depart Kuwait Rwy 33R and turn left onto 274° for Rafha VOR RAF 116.80*. At RAF turn right onto 300° for Arar VOR AAR 113.30. At AAR turn left onto 288° for Turaif VOR TRF 116.10. At TRF TRF turn right onto 308° for Damascus VOR DAM 116.00. Finally at DAM turn left onto 295° for Khaldeh VOR KAD 112.60. It would be sensible to leave the descent until almost at the coast unless you wish to become a permanent feature of the Lebanese mountains!	14000
BA213-03	BA213	Beirut, Lebanon To Rome (Ciampino), Italy	21:40	02:40	OLBA	LIA	1198	Depart Beirut Rwy 03 turning left onto 302° for Larnaca VOR LCA 112.80*. At LCA turn left onto 293° for Dalaman VOR DAL 114.70*. At DAL ahead on 298° for Milas VOR GML 113.90. At GML ahead on 284° for Koristos VOR KRO 112.20 At KRO ahead on 291° for Kerkira VOR KRK 114.70*. At KRK turn right onto 305° for Brindisi VOR BRD 113.20. At BRD ahead on 298° for Bari VOR BAR 116.40. At BAR turn left onto 273° for Teano VOR TEA 112.90. At TEA turn right onto 286° for Latina VOR LAT 111.20. Finally at LAT turn right onto 316° for the Rome VOR ROM 110.80 and the ILS for Ciampino Rwy 15 109.90. Keep at 3500 until passing to avoid Monte Cavo!	16000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA213-04	BA213	Rome (Ciampino), Italy To London (Heathrow), UK	03:40	07:30	LIRA	EGLL	808	Depart Ciampino Rwy 33 and ahead on 325° to Siena VOR SIE 110.20*. At SIE ahead on 327° for Saronno VOR SRN 113.70. At SRN turn left onto 313° for Fribourg VOR FRI 110.85. At FRI turn right onto 322° for Reims VOR REM 112.30. At REM ahead on 320° for Dover VOR DVR 114.95. At DVR turn left onto 282° for Ockham VOR OCK 115.30. Finally at OCK turn right onto 001° for London VOR LON 113.60 and the ILS for Rwy 09R 109.50.	20000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA218-01	BA218	London (Heathrow), UK To Rome (Ciampino), Italy	18:00	23:20	EGLL	LIRA	798	Operates Fridays to Bahrain. Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0. At SFD turn left onto 138° to Creil VOR CRL 109.20. At CRL left onto 129° to Rolampont VOR RLP 117.30. At RLP right onto 142° to Sion VOR SIO 112.15. At SIO left onto 137° to Voghera VOR VOG 115.50. At VOG right onto 141° for Pisa VOR PIS 112.10. At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40. Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)	19000
BA218-02	BA218	Rome (Ciampino), Italy To Beirut, Lebanon	00:20	08:10	LIRA	OLBA	1197	Depart Ciampino Rwy 33 turning right onto 136° for Latina VOR LAT 112.20. At LAT turn left onto 106° for Teano VOR TEA 112.90. At TEA ahead on 100° for Brindisi VOR BRD 113.20 and across the Appenines. At BRD turn right onto 124° and across the Adriatic Sea for Kerkira VOR KRK 114.70 and the Greek island of Corfu. At KRK ahead on 121° to Korinthos VOR KRI 113.00. At KRI turn left onto 105° to Kea VOR KEA 115.00. At KEA ahead on 105° to Kos VOR KOS 109.00*. At KOS turn right onto 116° to Rhodes VOR RDS 115.80 and the last of a series of Greek islands. At RDS ahead on 110° and across the Mediterranean to Paphos VOR PHA 117.90* and the island of Cyprus. Finally at PHA ahead on 106° to Khaldeh VOR 112.60 and the ILS for Beirut Rwy 21 111.90.	17000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA218-03	BA218	Beirut, Lebanon To Baghdad, Iraq	09:10	11:40	OLBA	ORBS	447	Depart Beirut Rwy 35 and turn right onto 115° for Damascus VOR DAM 116.00. The only problem is the Jebel Leban or Lebanon mountains so either climb quickly or head South before turning towards Damascus! At DAM turn left onto 082° for Tanf VOR TAN 114.00. Finally at TAN ahead on 088° for Adnan VOR AD 115.00 descending to be level at 2000 and then Rwy 15R ILS 110.90.	15000
BA218-04	BA218	Baghdad, Iraq To Kuwait	12:40	14:40	ORBS	OKBK	311	Depart Baghdad Rwy 15L and turn left onto 131° for Shatra VOR ST 114.20*. At ST turn right onto Kuwait VOR KUA 115.50 and the Rwy 15L ILS 110.10.	7000
BA218-05	BA218	Kuwait To Bahrain	15:25	17:50	OKBK	OBBI	230	At Kuwait Rwy 33R turn right onto 151° for Ras Al Mishab VOR RAS 116.40 and down the Persian Gulf. Finally at RAS turn left onto 132° for Bahrain VOR BAH 115.30 and ILS for Rwy 30 110.30.	5000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA219-01	BA219	Bahrain To Kuwait	06:15	06:50	OBBI	OKBK	232	Operates Sundays to London. Depart Bahrain Rwy 30 and turn left onto 313° for Ras Al Mishab VOR RAS 116.40*. At RAS turn right for Kuwait VOR KUA and the ILS for Rwy 15L 110.10.	6000
BA219-02	BA219	Kuwait To Baghdad, Iraq	07:35	09:35	OKBK	ORBS	311	Depart Kuwait Rwy 33R turn left onto 324° for Shatra VOR ST 114.20*. At ST turn left onto 313° for Baghdad VOR IB 112.40 and the ILS for Rwy 15L 110.70.	6000
BA219-03	BA219	Baghdad, Iraq To Beirut, Lebanon	10:20	13:10	ORBS	OLBA	447	Depart Baghdad Rwy 33R turning left onto 271° for Tanf VOR TAN 114.00*. At TAN turn left onto 263° for Damascus VOR DAM 116.00. At DAM turn right onto 295° for Khaldeh VOR KAD 112.60 and Beirut Rwy 35. Again the descent needs to be left until after passing the Lebanese mountains but also take care on the approach to Rwy 35 where high ground is quite close to the approach and there is no ILS.	14000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA219-04	BA219	Beirut, Lebanon To Rome (Ciampino), Italy	14:10	19:10	OLBA	LIRA	1198	Depart Beirut Rwy 03 turning left onto 302° for Larnaca VOR LCA 112.80*. At LCA turn left onto 293° for Dalaman VOR DAL 114.70*. At DAL ahead on 298° for Milas VOR GML 113.90. At GML ahead on 284° for Koristos VOR KRO 112.20 At KRO ahead on 291° for Kerkira VOR KRK 114.70*. At KRK turn right onto 305° for Brindisi VOR BRD 113.20. At BRD ahead on 298° for Bari VOR BAR 116.40. At BAR turn left onto 273° for Teano VOR TEA 112.90. At TEA turn right onto 286° for Latina VOR LAT 111.20. Finally at LAT turn right onto 316° for the Rome VOR ROM 110.80 and the ILS for Ciampino Rwy 15 109.90. Keep at 3500 until passing to avoid Monte Cavo!	16000
BA219-05	BA219	Rome (Ciampino), Italy To London (Heathrow), UK	20:10	23:59	LIRA	EGLL	808	Depart Ciampino Rwy 33 and ahead on 325° to Siena VOR SIE 110.20*. At SIE ahead on 327° for Saronno VOR SRN 113.70. At SRN turn left onto 313° for Fribourg VOR FRI 110.85. At FRI turn right onto 322° for Reims VOR REM 112.30. At REM ahead on 320° for Dover VOR DVR 114.95. At DVR turn left onto 282° for Ockham VOR OCK 115.30. Finally at OCK turn right onto 001° for London VOR LON 113.60 and the ILS for Rwy 09R 109.50.	20000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA316-01	BA316	London (Heathrow), UK To Frankfurt, Germany	14:00	17:25	EGLL	EDDF	363	<i>Operates Tuesdays to Tel Aviv (all Tourist)</i> Depart Heathrow Rwy 09L turning right onto 118° for Biggin Nill VOR BIG 115.10. At BIG turn left onto 105° for Dover VOR DVR 114.95. At DVR left onto 098° for Kokszy VOR KOK 114.50 and across the Channel into Belgium. At KOK turn right onto 108° for Huldenberg VOR HUL 117.55. At HUL ahead on 102° for Liege VOR LGE 115.45. At LGE ahead on 104° for Taunus VOR TAU 116.70 and into Germany crossing the Rhine by Koblenz. Finally at TAU turn right onto 124° for Frankfurt VOR FFM 114.20 and the ILS for 07L 110.70.	7000
BA316-02	BA316	Frankfurt, Germany To Rome (Ciampino), Italy	18:25	21:30	EDDF	LIRA	527	Depart Frankfurt Rwy 07R turning right onto 155° for Luburg VOR LBU 109.20. At LBU ahead on 150° for Kempten VOR KPT 109.60. At KPT turn right onto 170° for Villafranca VOR VIL 115.80* near Verona in Italy and crossing the Alps. At VIL ahead on 162° to be level at 8000 by Bologna VOR BOA 112.20. At BOA ahead on 163° for Bolsena VOR BOL 114.40. Finally at BOL turn left onto 153° for Rome VOR ROM 110.80 and Ciampino Rwy 33 (no ILS!)	19000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA316-02	BA316	Rome (Ciampino), Italy To Tel Aviv, Israel	22:30	05:20	LIRA	LLBG	1239	Depart Ciampino Rwy 33R turning right onto 114° for Teano VOR TEA 112.90. At TEA turn left onto 092° for Bari VOR BAR 116.40. At BAR turn right onto 118° for Brindisi VOR BRD 113.20. At BRD ahead onto 124° for Kerkira VOR KRK 114.70 on the Greek island of Corfu. At KRK left onto 115° for Athens VOR ATV 114.40. At ATV ahead on 110° for Rhodes VOR RDS 115.80*. At RDS dead ahead on 110° for Paphos VOR PHA 117.90* on Cyprus. Finally at PHA turn right onto 140° for Ben Gurion VOR 113.50* and the Rwy 26 ILS 108.70.	13000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA317-01	BA317	Tel Aviv, Israel To Rome (Ciampino), Italy	07:30	13:30	LLBG	LIRA	1242	<i>Operates Wednesdays back to London</i> Depart Tel Aviv Rwy 30 ahead onto 321° for Paphos VOR PHA 117.90*. At PHA turn right onto 292° for Rhodes VOR RDS 115.80*. At RDS ahead on 292° for Athens VOR ATV 114.40*. At ATV ahead on 297° for Kerkira VOR KRK 114.70*. At KRK ahead on 305° for Brindisi VOR BRD 113.20. At BRD ahead on 298° for Bari VOR BAR 116.40. At BRI turn left onto 277° for Latina VOR LAT 111.20. Finally at LAT turn right onto 316° for Rome VOR ROM 110.80 and the Rwy 15 ILS 109.90. Do not descend below 6000 before 8 nautical miles DME from ROM to avoid Monte Cavo!	12000
BA317-02	BA317	Rome (Ciampino), Italy To Frankfurt, Germany	14:30	18:00	LIRA	EDDF	531	Depart Ciampino Rwy 33R and ahead on 333° for Bolsena VOR BOL 114.40. At BOL turn right onto 344° for Bologna VOR BOA 112.20. At BOA ahead on 342° for Villafranca VOR VIL 115.80. At VIL ahead on 351° for Kempten VOR KPT 109.60. At KPT turn left onto 330° for Liburg VOR LBU 109.20. Finally at LBU ahead on 339° for Frankfurt VOR FFM and the Rwy 07R ILS 110.95.	20000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA317-03	BA317	Frankfurt, Germany To London (Heathrow), UK	19:00	20:30	EDDF	EGGL	365	Depart Frankfurt Rwy 07R turning left onto 314° for Taunus VOR TAU 116.70. At TAU turn left onto 285° for Liege VOR LGE 115.45. At LGE ahead on 283° for Huldenberg VOR 117.55. At HUL ahead on 288° for Koksy VOR KOK 114.50. At KOK turn left onto 278° for Dover VOR DVR 114.95. At Dover ahead on 282° for Ockham VOR OCK 115.30. Finally at OCK turn right onto 001° for London VOR 113.60 and the Rwy 09R ILS 109.50.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA324-01	BA324	London (Heathrow), UK To Rome (Ciampino), Italy	19:00	20:20	EGLL	LIRA	798	Operates Thursdays to Aden. Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0. At SFD turn left onto 138° to Creil VOR CRL 109.20. At CRL left onto 129° to Rolampont VOR RLP 117.30. At RLP right onto 142° to Sion VOR SIO 112.15. At SIO left onto 137° to Voghera VOR VOG 115.50. At VOG right onto 141° for Pisa VOR PIS 112.10. At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40. Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)	19000
BA324-02	BA324	Rome (Ciampino), Italy To Cairo (International), Egypt	21:20	04:00	LIRA	HECA	1180	Depart Ciampino Rwy 33 turning right onto 136° for Latina VOR LAT 111.20. At LAT ahead on 131° for Sorrento VOR SOR 112.20. At SOR ahead on 125° for Crotone VOR CRN 117.10. At CRN turn left onto 102° for Araxos VOR ARA 112.70* and into Greece. At ARA turn right onto 131° for Tripolis VOR TRL 116.20. At TRL turn right onto 151° for Paleochora VOR PLH 114.60 on the Western tip of Crete. At PLH turn left onto 123° for the run across the Mediterranean to Alexandria VOR AXD 115.90* and Egypt. Finally at AXD ahead on 126° for Cairo VOR CAI 112.50 and Rwy 05L ILS 110.90.	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA324-03	BA324	Cairo (International), Egypt To Aden (then RAF Khormaksar), Yemen	05:00	12:45	HECA	OYAA	1312	Depart Cairo Rwy 34 and turn right onto 141° for Hurghada VOR HGD 116.50* and a long run down the Red Sea to Aden. At HGD turn right onto 154° for Marsa Alam VOR MAK 115.90. At MAK turn left onto 129° and across the Red Sea to Jeddah VOR JDW 114.90*. At JDW turn right onto 139° for Qunfidah VOR QUN 113.30 and down the eastern side of the Red Sea. At QUN turn right onto 147° for Jazan VOR GIZ 117.70. At GIZ turn right onto 167° for Hodeidah VOR HDH 114.20 and across the border into Yemen. At HDH turn left onto 132° for Taiz VOR 113.60. At TAZ ahead on 133° and descend for Aden VOR KRA 112.50 and an arrival on Rwy 08 (no ILS) and 24 hours rest!	15000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA325-01	BA325	Aden, Yemen To Cairo (International), Egypt	13:00	19:00	OYAA	HECA	1312	Operates Saturdays to London Depart Aden Rwy 08 and turn left onto 314° for Taiz VOR TAZ 113.60. At TAZ ahead on 312° for Hodeidah VOR HDH 114.20. At HDH turn right onto 348° for Jazan VOR GIZ 117.70. At GIZ left onto 328° for Qunfidah VOR QUN 113.30. At QUN ahead on 320° for Jeddah VOR JDW 114.90. At JDW turn left onto 311° for Marsa Alam VOR MAK 115.50* and back across the Red Sea. At MAK right onto 335° for Hurghada VOR HGD 116.50. Finally at HGD turn left onto 323° for Cairo VOR CAI 112.50* and the ILS for Rwy 23L 109.50.	14000
BA325-02	BA325	Cairo (International), Egypt To Rome (Ciampino), Italy	20:00	01:40	HECA	LIRA	1152	Dep Cairo Rwy 23L and turn right onto 308° for Alexandria VOR AXD 115.90*. At AXD ahead on 306° to Paleaochora VOR PLH 114.60*. At PLH turn right onto 331° onto for Tripolis VOR TRL 116.20. At TRL turn left onto 312° for Araxos VOR ARA 112.70. At ARA turn left onto 284° for Crotone VOR CRN 117.10*. At CRN ahead on 306° to Sorrento VOR SOR 112.20. At SOR turn right onto 311° Latina VOR LAT 111.20. At LAT ahead on 316° for the Rome VOR ROM 110.80. Have a care on the descent as Monte Cavo is on the descent at 3113' and seeing trees through the flight deck windows could spoil your day!	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA325-03	BA325	Rome (Ciampino), Italy To London (Heathrow), UK	02:40	06:30	LIRA	EGLL	812	Dep Ciampino Rwy 15 and turn right onto Siena VOR SIE 110.20*. At SIE ahead on 327° to Saronno VOR SRN 113.70. At SRN right onto 334° to Willislau VOR WIL 116.90. At WIL turn left onto 312° to Reims VOR REM 112.30*. At REM turn right onto 320° to Dover VOR DVR 114.95. At DVR turn left onto 282° to Ockham VOR OCK 115.30. Finally at OCK turn onto 001° for London VOR LON 113.60 and ILS for 27L 109.50.	20000



A VIP arrives on a BOAC Argonaut somewhere in the Middle East!

BOAC Argonaut flights to the Far East

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA904-01	BA904	London (Heathrow), UK To Zurich, Switzerland	20:30	00:15	EGLL	LSZH	448	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p><i>Operates Sundays to Tokyo</i></p> <p>Depart Heathrow Rwy 09L turning right onto 118° for Biggin Hill VOR BIG 115.10. At BIG ahead on 126° for Lydd VOR LYD 114.05. At LYD ahead on 121° for Cambrai VOR CMB 112.60 And across the Channel to France. At CMB on 122° for Strasbourg VOR STR 115.60*. Finally at STR turn right onto 149° for Zurich VOR KLO 114.85 and the Rwy 16 ILS 110.50 and Switzerland.</p>	9000
BA904-02	BA904	Zurich, Switzerland To Rome (Ciampino), Italy	01:15	03:45	LSZH	LIRA	385	<p>Depart Zurich Rwy 34 turning left onto 161° for Trezzo VOR TZO 111.80* and into Italy. At TZO turn left onto 145° for Florence VOR FRZ 115.20. At FRZ ahead on 151° for Bolsena VOR BOL 114.40. Finally at BOL ahead on 153° for Rome VOR ROM 110.80 and the Rwy 15 ILS 109.90.</p>	17000
BA904-03	BA904	Rome (Ciampino), Italy To Cairo (International), Egypt	04:45	11:25	LIRA	HECA	1182	<p>Depart Ciampino Rwy 33 and climb ahead on runway heading to 1000 before right onto 136° for Latina VOR LAT 112.20. At LAT ahead onto 131° to Sorrento VOR SOR 112.20. At SOR left onto 125° to Crotone VOR CRN 117.10. At CRN left onto 102° to Araxos VOR ARA 112.70*. At ARA right onto 131° to Tripolis VOR TRL 116.20. At TRL right onto 151° to Paleochora VOR PLH 114.60. At PLH left onto 123° to Alexandria VOR AXD 115.90. At AXD ahead on 126° to Cairo VOR 112.50 and then 187° for Cairo International and ILS 23L 109.50.</p>	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA904-04	BA904	Cairo (International), Egypt To Basrah, Iraq	12:25	17:45	HECA	ORMM	859	Depart Cairo Rwy 34 turning right onto 078° for Zofar VOR ZFR 115.60* and Israel. At ZFR turn right onto 094° for Al Shigar VOR ASH 112.30 and Saudi Arabia. At ASH ahead on 093° for Rafha VOR RAF 116.80* Finally at RAF turn left onto 072° for Basrah VOR BAV 112.30* and the Rwy 14 ILS 110.70.	11000
BA904-05	BA904	Basrah, Iraq To Karachi, Pakistan	18:45	01:35	ORMM	OPKC	1148	Depart Basrah Rwy 14 and turn left onto 104° for Abadan VOR ABD 114.50* in Iran. At ABD turn right onto 118° for Kharg Island VOR KHG 113.40. At KHG turn right onto 129° for Lavdin Island VOR LVA 116.85. At LVA left onto 115° for Ras Al Khaimah VOR RAV 113.60 in the United Arab Emirates. At RAV turn left onto 089° for Chah Bahar VOR CBH 116.90* back into Iran. At CBH turn right onto 105° for Jiwani VOR JI 112.70 just over the border into Pakistan. Finally at JI turn left onto 089° for Karachi VOR KC 112.10* and the Rwy 25L ILS 110.10.	15000
BA904-06	BA904	Karachi, Pakistan To Delhi (Safdarjung), India	03:35	07:35	OPKC	VIDD	592	Depart Karachi Rwy 25R turning right onto 039° for Nawabshah VOR NH 112.90. At NH turn right onto 067° for Esdem VOR LKA 114.00*. At LKA turn right onto 080° for Delhi VOR DPN 116.10. Now (!) BOAC at the time used Safdarjung airport for Delhi, but now it is quite a short runway amongst some tallish Microsoft buildings and no navigation aids, so if the weather is good have a go, but if not divert to Indira Ghandi airport (VIDP) and Rwy 10 ILS 109.50!	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA904-07	BA904	Delhi (Safdarjung), India To Calcutta (Dum Dum) now Kolkata, India	08:35	11:55	VIDD	VECC	714	Depart Rwy 28 turning left onto 107° for Sikandrabad VOR SSB 112.40. At SSB ahead on 111° for Jalalabad VOR JAL 115.80. At JAL turn right onto 130° for Lucknow VOR LLK 113.10. At LLK ahead on 126° for Varanasi VOR BBN 113.90. At BBN turn left onto 110° for Gaya VOR GGC 115.00. Finally at GGC turn right onto 122° for Kolkata VOR CEA 112.50* and the ILS for 01R 109.90.	9000
BA904-08	BA904	Kolkata, India To Rangoon (Mingladon), Burma now Yandon, Myanmar	12:55	16:45	VECC	VYYY	562	Depart Kolkata Rwy 01R turning right onto 121° for Sitwe NDB SW 216.0*. Not many VORs! At SW turn right onto 139° for Kyaukpyu NDB KP 250.0 and down the Indian Ocean coast of Myanmar. At KP turn right onto 144° for Thantwe NDB TD 270.0. At TD turn left onto 127° for Yandon VOR HGU 112.30. At HGU turn right onto 210° and Mingladon NDB 204.0 and Rwy 03.	9000
BA904-09	BA904	Yandon, Myanmar To Bangkok (Don Muang), Thailand	07:00	09:25	VYYY	VTBD	347	Depart Yandon Rwy 03 turning right 108° for Mawlamyine MH 330.0 and across the Andaman Sea. At MH turn right onto 136° for Kamphaene Saen VOR KPS 114.50. What wonderful names! Finally at KPS turn left onto 114° for Bangkok VOR BKK and Rwy 21R ILS 109.30.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA904-10	BA904	Bangkok (Don Muan), Thailand To Hong Kong (Kai Tak)	10:25	16:35	VTBD	VHHX	925	Depart Bangkok Rwy 03L turning right onto 056° for Korat VOR KRT 113.70. At KRT ahead on 057° for Savannahkhet VOR SAV 113.50. At SAV ahead on 055° for Nanyingbindao VOR NYB 113.30* and into Laos, then Vietnam and then across the South China Sea. What names for VORs! Ay NYB on the island of Hainan ahead on 059° for Cheung Chau VOR CH 112.30. On approach to CH it's decision time again! Whether to continue to the old Hong Kong airport at Kai Tak VHHX or divert to Hong Kong International VHHH. The approach to Kai Tak from the west was always a challenge but even more so now if it's in poor weather with no NAV aids! Well worth listening to the ATIS at VHHH before deciding! The ILS for Rwy 07R at VHHH is 109.30 if you divert.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA904-11	BA904	Hong Kong (Kai Tak) To Tokyo (Haneda), Japan	09:30	19:45	VHHX	RJTT	1684	Depart Kai Tak Rwy 14 turning left onto 093° for Hengchun VOR HCN 113.70*. Beware of high ground quite close to the East! At HCN at the southern tip of Taiwan turn left onto 040° for Green Island VOR GID 116.90. At GID turn right onto 058° for Ishigaki VOR GKE 117.70 and up the Ryukyu Islands leading in a long line towards Japan. At GKE turn right onto 064° for Shimojishema VOR SJE 117.10. At SJE turn left onto 045° for Kumejima VOR KXC 116.70. At KXC turn right onto 055° for Amami VOR AME 113.95*. At AME turn left onto 031° for Tanegashima VOR TJE 116.20. At TJE 116.20 turn right 042° for Shimizu VOR SUC 115.20. At SUC Turn right 070° for Nanki VOR NKE 109.05. At NKE ahead on 066° for Hamamatsu VOR LHE 110.0. Finally at LHE ahead on 070° for Haneda VOR HME 112.20 and the Rwy 34L ILS 111.70. A long BOAC flight in an Argonaut and also the end of 8850 mile journey from London. Time for a glass of Saki to celebrate!	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA905-01	BA905	Tokyo (Haneda), Japan To Hong Kong (Kai Tak)	22:30	09:00	RJTT	VHHX	1563	Operates Sundays to London Depart Haneda Rwy 33 turning onto 252° for Hamamatsu VOR LHE 110.00*. At LHE ahead on 247° for Nanki VOR NKE 109.05. At NKE ahead on 252° to Shimitzu VOR SUC 115.20. At SUC ahead on 250° to Kajiki VOR KGE 115.70. At KGE ahead on 247° to Fuzhou VOR FOC 116.80* in China. At FOC turn left onto 228° for Xiamen VOR XMN 114.50*. At XMN turn right onto 231° to Shantou VOR SWA 112.60. Finally at SWA turn right onto 245° to Tung Lung VOR TD 116.10 descending to 2000'. After TD as the arrival maybe in darkness and depending on the weather you may wish to divert to Hong Kong International VHHH Rwy 07R ILS 109.30.	10000
BA905-02	BA905	Hong Kong (Kai Tak) To Rangoon (Yangdon), Burma (Myanmar)	13:00	17:50	VHHX	VYYY	1077	Depart Kai Tak Rwy 14 before turning right onto 254° for Macau VOR MCU 116.40. At MCU ahead on 254° to Huguang NDB LH 356.0* At LH ahead on 261° across the Gulf of Tonkin to Nam Hah VOR NAH 115.50* and into Vietnam just South of Hanoi. At NAH ahead on 252° to Xieng Khouang NDB PHO 230.0* and into Laos. At PHO ahead on 250° to Nan VOR NAN 115.70 and into the north eastern corner of Thailand. At NAN ahead on 247° to Lampang VOR LPN 114.70. At LPN ahead on 252° to Bago VOR BGO 112.60 and into Myanmar. Finally at BGO turn left onto 222° to Mingladon NDB MDN and the Rwy 21 ILS 109.90.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA905-03	BA905	Rangoon (Yangdon), Myanmar To Calcutta (Kolkata), India	18:50	21:00	VYYY	VECC	559	Depart Rwy 03 before turning left onto 313° for Mazin NDB TD 270.0*. At TD turn right onto 324° for Kyaukpyu NDB KP 250.0. At KP ahead on 319° for Sittwe NDB SW 216.0. Finally at SW turn left onto 303° for KolKata VOR CEA 112.50 and Rwy 19R 110.30.	8000
BA905-04	BA905	Calcutta (Kolkata), India To Delhi, (Safdarjung) India	22:00	02:10	VECC	VIDD	710	Depart Rwy 01R before turning left onto 303° for Dhanbad NDB DB 304.0*. At DB ahead on 305° to Gaya VOR GGC 115.00. At GGC left onto 291° to Varanasi VOR BBN 113.90. At BBN right onto 307° to Lucknow VOR LLK 113.10. At LLK ahead on 311° to Jalalabad VOR JAL 115.80. At JAL left onto 292° to Sikandrabad VOR SSB 112.40. Finally at SSB ahead to Delhi VOR DPN 116.10. Again finding VIDD at night or in poor weather is tricky so consider a diversion to VIDP Rwy 28 ILS 110.30!	8000
BA905-05	BA905	Delhi (Safdarjung), India To Karachi, Pakistan	03:10	05:30	VIDD	OPKC	596	VIDD has no taxiway or runway lights but take offs are easier than landings! Depart Rwy 30 turning left onto 262° to Esdem VOR LKA 114.00*. At LKA turn left onto 236° to Chor NDB KE 410.0* and into Pakistan. At KE right onto 261° to Hyderabad NDB KD 223.0. Finally at KD left onto 249° to Karachi VOR 112.10 and Rwy 25R ILS 110.10.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA905-06	BA905	Karachi, Pakistan To Bahrain	07:30	12:10	OPKC	OBBI	901	Depart Rwy 07R turning left onto 272° to Jiwani VOR JI 112.70*. At JI right onto 286° to Char Bahar VOR CBH 116.90 and into Iran. At CBH turn left onto 272° and across the Gulf of Oman to Ras Al Khaimar VOR RAV 113.60*. At RAV turn right onto 283° for Sirri Island VOR SIR 113.75. Finally at SIR ahead on 274° across the Persian gulf to Bahrain VOR BAH VOR 115.30 and Rwy 30 ILS 110.30.	10000
BA905-07	BA905	Bahrain To Basrah, Iraq	13:10	14:05	OBBI	ORMM	311	Depart Rwy 30 turning right onto 313° for Ras Al Mishab VOR RAS 116.40*. At RAS right onto 331° for Kuwait VOR KUA 115.50. Finally at KUA left onto 347° to Basrah VOR BAV 112.30 and Rwy 14 ILS 110.70.	6000
BA905-08	BA905	Basrah, Iraq To Cairo, Egypt	15:05	19:05	ORMM	HECA	863	Depart Rwy 32 turning left onto 254° for Rafha VOR RAF 116.80 116.80* and into Saudi Arabia. At RAF right onto 271° to Al Jouf VOR AJF 117.80. At AJF right onto 284° to Al Shigar VOR ASH 112.30. At ASH left onto 259° to Taba VOR TBA 114.50* and into Egypt. Finally at TBA right onto 278° and across the Sinai to Cairo VOR CAI 112.50 and Rwy 05R ILS 109.90.	12000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA905-09	BA905	Cairo, Egypt To Rome (Ciampino), Italy	20:05	01:45	HECA	LIRA	1161	Depart Rwy 23 turning right onto 308° to Alexandria VOR AXD 115.90*. At AXD ahead on 306° to Paleaochora VOR PLH 114.60*. At PLH turn right onto 331° onto for Tripolis VOR TRL 116.20. At TRL turn left onto 312° for Araxos VOR ARA 112.70. At ARA turn left onto 284° for Crotone VOR CRN 117.10*. At CRN ahead on 306° to Sorrento VOR SOR 112.20. At SOR turn right onto 311° Latina VOR LAT 111.20. At LAT ahead on 316° for the Rome VOR ROM 110.80. Have a care on the descent as Monte Cavo is on the descent at 3113' and seeing trees through the flight deck windows could spoil your day!	12000
BA905-10	BA905	Rome (Ciampino), Italy To Zurich, Switzerland	02:45	05:25	LIRA	LSZH	383	Depart Rwy 33 and ahead onto 333° to Bolsena VOR BOL 114.40. At BOL ahead on 331° to Florence VOR FRZ 115.20. At FRZ right onto 341° to Brescia VOR BSA 117.70. At BSA left onto 329° to Kloten VOR KLO 114.85* and across the Alps. Commence the descent 30 mile before KLO and overfly LSZH before turning for Rwy 16 ILS 110.50.	18000

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BA905-11	BA905	Zurich, Switzerland To London (Heathrow), UK	06:25	08:15	LSZH	EGLL	434	Depart Rwy 34 and left onto 286° to Basle VOR BLM 117.45. At BLM right onto 308° to Reims VOR REM 112.30. At REM ahead on 303° to Abbeville VOR ABB 108.45. At ABB right onto 313° to Mayfield VOR MAY 117.90 and back across the Channel. Finally at MAY right onto 327° to London VOR LON 113.60 and Rwy 27L ILS 109.50.	

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA906-01	BA906	London (Heathrow), UK To Frankfurt, Germany	20:30	23:55	EGLL	EDDF	363	Operates Fridays to Tokyo Depart Heathrow Rwy 09L turning right onto 118° for Biggin Nill VOR BIG 115.10. At BIG turn left onto 105° for Dover VOR DVR 114.95. At DVR left onto 098° for Koksy VOR KOK 114.50 and across the Channel into Belgium. At KOK turn right onto 108° for Huldensburg VOR HUL 117.55. At HUL ahead on 102° for Liege VOR LGE 115.45. At LGE ahead on 104° for Taunus VOR TAU 116.70 and into Germany crossing the Rhine by Koblenz. Finally at TAU turn right onto 124° for Frankfurt VOR FFM 114.20 and the ILS for 07L 110.70.	7000
BA906-02	BA906	Frankfurt, Germany To Rome (Ciampino), Italy	00:55	04:00	EDDF	LIRA	527	Depart Frankfurt Rwy 07R turning right onto 155° for Luburg VOR LBU 109.20. At LBU ahead on 150° for Kempten VOR KPT 109.60. At KPT turn right onto 170° for Villafranca VOR VIL 115.80* near Verona in Italy and crossing the Alps. At VIL ahead on 162° to be level at 8000 by Bologna VOR BOA 112.20. At BOA ahead on 163° for Bolsena VOR BOL 114.40. Finally at BOL turn left onto 153° for Rome VOR ROM 110.80 and Ciampino Rwy 33 (no ILS!)	19000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA906-03	BA906	Rome (Ciampino), Italy To Larnaca, Cyprus	05:00	11:25	LIRA	LCLK	1078	Depart Ciampino Rwy 33 and climb ahead on runway heading to 1000 before turning right onto 114° for Teano VOR TEA 112.90. At TEA turn left onto 100° for Brindisi VOR BRD 113.20. At BRD right onto 124° for Kerkeira VOR KRK 114.70 and across the Adriatic to Greece. At KRK left onto 109° for Karistos VOR KRO 112.20*. At KRO ahead on 103° for Bodrum VOR BDR 116.70 and Turkey. Finally at BDR ahead on 111° and across the Mediterranean to Cyprus for Larnaca VOR LCA 112.80 and Rwy 04. Originally the flight would have operated into Nicosia Airport long since closed with the partition of Cyprus.	15000
BA906-04	BA906	Larnaca, Cyprus To Damascus, Syria	12:25	13:55	LCLK	OSDI	170	Depart Rwy 22 turning left onto 120° and across the Mediterranean for Beirut VOR KAD 112.60 and Lebanon. Finally at KAD ahead on 115° crossing the Lebanese mountains for Damascus VOR DAM 116.00 and ILS for Rwy 23R 109.90.	13000
BA906-05	BA906	Damascus, Syria to Basra, Iraq	14:55	19:00	OSDI	ORMM	609	Depart Rwy 23L turning left onto 083° for Tanf VOR TAN 114.00*. At TAN right on 097° crossing into Iraq for Hashimiya VOR HA 114.40*. At HA right on 119° for Shatra VOR ST 114.20. Finally at ST ahead on 125° for Basra VOR BAV 112.30 and Rwy 14 ILS 110.70. Bara sits alongside the Euphrates river before it flows out into the Persian Gulf.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA906-06	BA906	Basrah, Iraq To Karachi, Pakistan	20:00	02:50	ORMM	OPKC	1148	Depart Rwy 14 and turn left onto 104° for Abadan VOR ABD 114.50* in Iran. At ABD turn right onto 118° for Kharg Island VOR KHG 113.40. At KHG turn right onto 129° for Lavdin Island VOR LVA 116.85. At LVA left onto 115° for Ras Al Khaimah VOR RAV 113.60 in the United Arab Emirates. At RAV turn left onto 089° for Chah Bahar VOR CBH 116.90* back into Iran. At CBH turn right onto 105° for Jiwani VOR JI 112.70 just over the border into Pakistan. Finally at JI turn left onto 089° for Karachi VOR KC 112.10* and the Rwy 25L ILS 110.10.	15000
BA906-07	BA906	Karachi, Pakistan To Dacca, Bangladesh	04:50	12:10	OPKC	VGZR	1277	Depart Rwy 25L and turn left onto 091° for Udaipur VOR UUD 115.90* and into India. At UUD ahead on 086° for Khasuraho VOR KKJ 116.40* and half way across India. At KKJ ahead on 090° for Gaya VOR GGC 115.00*. At GGC ahead on 094° for Ravshahi VOR RAJ 114.60* and into Bangladesh. Finally at RAJ turn right onto 110° for Dacca VOR DAC 112.70 and Rwy 14 ILS 109.50.	9000
BA906-08	BA906	Dacca, Bangladesh To Rangoon, Burma (now Yandon, Myanmar)	13:10	16:20	VGZR	VYYY	535	Depart Rwy 32 turning right onto 140° and across the mouths of the Ganges for Chittagong VOR CTG 113.40. At CTG ahead on 141° for Mingladon VOR 112.30* and then Rwy 21 ILS 109.90 for Yandon.	9000

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BA906-09	BA906	Yandon, Myanmar To Bangkok (Don Muang), Thailand	07:00	09:25	VYYY	VTBD	365	Depart Yandon Rwy 03 turning right 108° for Mawlamyine MH 330.0 and across the Andaman Sea. At MH turn right onto 136° for Kamphaene Saen VOR KPS 114.50. What wonderful names! Finally at KPS turn left onto 114° for Bangkok VOR BKK and Rwy 21R ILS 109.30.	9000
BA906-10	BA906	Bangkok (Don Muan), Thailand To Hong Kong (Kai Tak)	10:25	16:35	VTBD	VHHX	925	Depart Bangkok Rwy 03L turning right onto 056° for Korat VOR KRT 113.70. At KRT ahead on 057° for Savannakhet VOR SAV 113.50. At SAV ahead on 055° for Nanyingbindao VOR NYB 113.30* and into Laos, then Vietnam and then across the South China Sea. What names for VORs! Ay NYB on the island of Hainan ahead on 059° for Cheung Chau VOR CH 112.30. On approach to CH it's decision time again! Whether to continue to the old Hong Kong airport at Kai Tak VHHX or divert to Hong Kong International VHHH. The approach to Kai Tak from the west was always a challenge but even more so now if it's in poor weather with no NAV aids! Well worth listening to the ATIS at VHHH before deciding! The ILS for Rwy 07R at VHHH is 109.30 if you divert.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA906-11	BA906	Hong Kong (Kai Tak) To Tokyo (Haneda), Japan	09:30	19:45	VHHX	RJTT	1561	A slightly shorter route than on BA904! Depart Kai Tak Rwy 14 turning left onto 065° for Shantou VOR SWA 112.60* and along the Chinese coast. Beware of high ground quite close to the East after takeoff! At SWA turn left onto 050° for Xiamen VOR XMN 114.50. At XMN ahead on 047° and up the Taiwan Strait for Fuzhou VOR FOC 116.80. Taiwan is some 90 miles off to starboard. At FOC turn right onto 060° and across 700 miles of the East China Sea for Miyazaki VOR MZE 112.40* and the southern coast of Japan! At MZE ahead on 061° for Shimizu VOR SUC 115.20. At SUC ahead on 070° for Nanki VOR NKE 109.05. At NKE ahead on 066° for Hamamatsu VOR LHE 110.00. Finally at LHE ahead on 070° for Haneda VOR HME 112.20 and Rwy 04. Mount Fuji should be visible as you come up the coast before sunset.	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA907-01	BA907	Tokyo (Haneda), Japan To Hong Kong (Kai Tak)	22:30	09:00	RJTT	VHHX	1563	Operates Fridays to London Depart Haneda Rwy 33 turning onto 252° for Hamamatsu VOR LHE 110.00*. At LHE ahead on 247° for Nanki VOR NKE 109.05. At NKE ahead on 252° to Shimitzu VOR SUC 115.20. At SUC ahead on 250° to Kajiki VOR KGE 115.70. At KGE ahead on 247° to Fuzhou VOR FOC 116.80* in China. At FOC turn left onto 228° for Xiamen VOR XMN 114.50*. At XMN turn right onto 231° to Shantou VOR SWA 112.60. Finally at SWA turn right onto 245° to Tung Lung VOR TD 116.10 descending to 2000'. After TD as the arrival maybe in darkness and depending on the weather you may wish to divert to Hong Kong International VHHH Rwy 07R ILS 109.30.	10000
BA907-02	BA907	Hong Kong (Kai Tak) To Bangkok (Don Muang), Thailand	12:00	16:10	VHHX	VTBD	925	Depart Rwy 14 turning right onto 240° for Cheung Chau VOR CH 112.30. Beware of rising ground! At CH ahead on 241° for Nanyingbindao VOR NYB 113.30* on the island of Hainan (China). Lovely name! At NYB ahead on 237° crossing Vietnam then Laos and into Thailand for Savannakhet VOR SAV 113.50*. At SAV ahead on 236° for Nakshon Ratchajima VOR NKR 110.20. Finally at NKR ahead on 238° for Bangkok VOR 117.70 and Rwy 21L ILS 110.30.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA907-03	BA907	Bangkok (Don Muang), Thailand To Dacca, Bangladesh	17:10	22:50	VTBD	VGZR	845	Depart Rwy 21L turning right onto 293° for Kamphaeng Saen VOR KPS 114.50. At KPS turn right onto 316° for Mawkamyine NDB MM 330.0* and into Myanmar. At MM ahead on 310° for Bago VOR BGO 112.60 alas you will pick up the VOR signal before NDB MM! At BGO ahead on 308° for Kyaukpyn NDB KP 250.0*. At KP turn right onto 331° for Chittagong VOR CTG 113.40 and Bangladesh. Finally at CTG turn left onto 321° for Dacca VOR DAC 112.70 and Rwy 14 ILS 109.50.	10000
BA907-04	BA907	Dacca, Bangladesh To Karachi, Pakistan	23:50	05:20	VGZR	OPKC	1280	Depart Rwy 14 turning right onto 279° for Rampur Hat NDB RM 419.0*. At RM ahead on 283° for Gaya VOR GGC 115.00. At GGC turn left onto 272° for Khajuraho NDB KO 284.0*. At KO ahead on 276° for Udaipur VOR UUD 115.90. Finally at UUD turn left onto 274° for Karachi VOR KC 112.10* and Rwy 25R ILS 109.70.	
BA907-05	BA907	Karachi, Pakistan To Bahrain (Muharraq)	07:20	12:00	OPKC	OBBI	901	Depart Rwy 07R turning left onto 272° to Jiwani VOR JI 112.70*. At JI right onto 286° to Char Bahar VOR CBH 116.90 and into Iran. At CBH turn left onto 272° and across the Gulf of Oman to Ras Al Khaimar VOR RAV 113.60*. At RAV turn right onto 283° for Sirri Island VOR SIR 113.75. Finally at SIR ahead on 274° across the Persian Gulf to Bahrain VOR BAH VOR 115.30 and Rwy 30 ILS 110.30.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA907-06	BA907	Bahrain (Muharraq) To Damascus, Syria	13:00	16:00	OBBI	OSDI	860	Depart Rwy 30 climbing ahead on 296° for Hafr-Al-Batin VOR HFR 113.10* and into Saudi Arabia. At HFR ahead on 297° to Rafha VOR RAF 116.80. At RAF ahead on 300° to Arar VOR AAR 113.30. At AAR left onto 288° to Turaif VOR TRF 116.10. Finally at TRF turn right onto 308° crossing briefly over Jordan into Syria for Damascus VOR DAM 116.00 and Rwy 05R.	8000
BA907-07	BA907	Damascus, Syria To Larnaca, Cyprus	17:00	18:45	OSDI	LCLK	169	Depart Rwy 05R turning left onto 293° for Beirut VOR KAD 112.60*. At KAD ahead on 302° for Larnaca VOR LCA 112.80 and Rwy 22 ILS 110.30.	10000
BA907-08	BA907	Larnaca, Cyprus To Rome (Ciampino), Italy	19:45	00:55	LCLK	LIRA	1082	Depart Rwy 04 turning left onto 293° for Dalaman VOR DAL 114.70* and Turkey. At DAL ahead on 298° to Milas VOR GML 113.90. At GML turn left on 284° to Karistos VOR KRO 112.20. At KRO ahead on 294° to Kerkeira VOR KRK 114.70*. At KRK right onto 305° to Brindisi VOR BRD 113.20. At BRD left onto 282° to Teano VOR TEA 112.90. At TEA ahead onto 286° to Latina VOR LAT 111.20. Finally at LAT right onto 316° to Rome VOR ROM 110.80 and Rwy 15 ILS 109.90.	14000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA907-09	BA907	Rome (Ciampino), Italy To Frankfurt, Germany	01:55	05:25	LIRA	EDDF	531	Depart Rwy 33 ahead on 333° to Bolsena VOR BOL 114.40. At BOL right onto 344° to Bologna VOR BOA 112.20. At BOA ahead on 342° to Villafranca VOR VIL 115.80. At VIL ahead on 351° to Kempten VOR KPT 109.60. At KPT left onto 330° to Luburg VOR LBU 109.20. Finally at LBU ahead on 339° to Frankfurt VOR FFM 114.20 and Rwy 25L ILS 111.35.	18000
BA907-10	BA907	Frankfurt, Germany To London (Heathrow), UK	06:25	07:55	EDDF	07:55	361	Depart Rwy 07R turning left onto 289° to Olno VOR LNO 112.80*. At LNO ahead on 286° to Huldenberg VOR HUL 117.55 and into Belgium. At HUL ahead on 288° to Koksy VOR KOK 114.50. At KOK left onto 278° to Dover VOR DVR 114.95 and across the Channel. At DVR ahead on 282° to Ockham VOR OCK 115.30. Finally at OCK turn right to London VOR LON 113.60 and Rwy 27L ILS 109.50.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA912-01	BA912	London (Heathrow), UK To Dusseldorf, Germany	20:30	23:15	EGLL	EDDL	276	Operates Tuesdays to Tokyo Depart Rwy 09L turning right onto 118° for Biggin Hill VOR BIG 115.10. At BIG turn left onto 105° for Dover VOR DVR 114.95. At DVR turn left onto 092° for Nicky VOR NIK 117.40 and into Belgium. At NIK ahead on 087° for Dusseldorf VOR DUS 115.15 into Germany and finally Rwy 05L ILS 109.50.	7000
BA912-02	BA912	Dusseldorf, Germany To Rome (Ciampino), Italy	00:15	04:00	EDDL	LIRA	620	Depart Rwy 05R turning right onto 166° for Kirn VOR KIR 117.50. At KIR turn left onto 158° for Zurich VOR ZUE 110.05 and Switzerland. At ZUE ahead on 154° for Brescia VOR BSA 117.70 and Italy. At BSA ahead on 155° for Bolsena VOR BOL 114.40 descending to 6000. At BOL ahead on 153° for Rome VOR ROM 110.80 and finally Rwy 33	19000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA912-03	BA912	Rome (Ciampino), Italy To Beirut, Lebanon	05:00	12:50	LIRA	OLBA	1197	Depart Ciampino Rwy 33 turning right onto 136° for Latina VOR LAT 112.20. At LAT turn left onto 106° for Teano VOR TEA 112.90. At TEA ahead on 100° for Brindisi VOR BRD 113.20 and across the Appenines. At BRD turn right onto 124° and across the Adriatic Sea for Kerkira VOR KRK 114.70 and the Greek island of Corfu. At KRK ahead on 121° to Korinthos VOR KRI 113.00. At KRI turn left onto 105° to Kea VOR KEA 115.00. At KEA ahead on 108° to Rhodes VOR RDS 115.80*. At RDS ahead on 110° and across the Mediterranean to Paphos VOR PHA 117.90* and the island of Cyprus. Finally at PHA ahead on 106° to Khaldeh VOR 112.60 and the ILS for Beirut Rwy 21 111.90.	17000
BA912-04	BA912	Beirut, Lebanon To Basrah, Iraq	13:50	17:15	OLBA	ORMM	661	Depart Rwy 21 and climb ahead on runway heading until passing 3500' before turning onto 093° for Tanf VOR TAN 114.00 and Syria. At TAN ahead on 097° for Hashimiya VOR HA 114.40* and Iraq. At HA turn right onto 119° for Shatra VOR ST 114.20. At ST turn right onto 112.30 for Basrah VOR BAV 112.30 and finally Rwy 14 ILS 110.70	15000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA912-05	BA912	Basrah, Iraq To Karachi, Pakistan	18:15	01:05	ORMM	OPKC	1148	Depart Basrah Rwy 14 and turn left onto 104° for Abadan VOR ABD 114.50* in Iran. At ABD turn right onto 118° for Kharg Island VOR KHG 113.40. At KHG turn right onto 129° for Lavdin Island VOR LVA 116.85. At LVA left onto 115° for Ras Al Khaimah VOR RAV 113.60 in the United Arab Emirates. At RAV turn left onto 089° for Chah Bahar VOR CBH 116.90* back into Iran. At CBH turn right onto 105° for Jiwani VOR JI 112.70 just over the border into Pakistan. Finally at JI turn left onto 089° for Karachi VOR KC 112.10* and the Rwy 25L ILS 110.10.	17000
BA912-06	BA912	Karachi, Pakistan To Calcutta (Dum Dum), India now Kolkata (Indira Bose)	03:05	09:30	OPKC	VECC	1216	A 1200 mile flight right across the Indian sub-continent! Depart Rwy 07R turning right onto 124° for Bhuj VOR BBJ 112.60. At BBJ turn left onto 093° for Ahmedabad VOR AAE 113.10. At AAE turn left onto 086° for Bhopal VOR BPL 117.10*. At BPL turn right onto 092° for Jabalpur NDB JB 301.0* At JB ahead on 088° for Ranchi VOR RRC 116.90*. At RRC turn right onto 123° for Jamshedpur VOR JJS 115.40. Finally at JJS turn left onto 094° for Kolkata VOR CEA 112.50 and Rwy 01R 109.90.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA912-07	BA912	Kolkata, India To Rangoon (Mingladon), Burma now Yandon , Myanmar	10:30	14:20	VECC	VYYY	562	Depart Kolkata Rwy 01R turning right onto 121° for Sitwe NDB SW 216.0*. Not many VORs! At SW turn right onto 139° for Kyaukpyu NDB KP 250.0 and down the Indian Ocean coast of Myanmar. At KP turn right onto 144° for Thantwe NDB TD 270.0. At TD turn left onto 127° for Yandon VOR HGU 112.30. At HGU turn right onto 210° and Mingladon NDB 204.0 and Rwy 03.	9000
BA912-08	BA912	Yandon, Myanmar To Bangkok (Don Muang), Thailand	07:00	09:25	VYYY	VTBD	347	Depart Yandon Rwy 03 turning right 108° for Mawlamyine MH 330.0 and across the Andaman Sea. At MH turn right onto 136° for Kamphaene Saen VOR KPS 114.50. What wonderful names! Finally at KPS turn left onto 114° for Bangkok VOR BKK and Rwy 21R ILS 109.30.	9000
BA912-09	BA912	Bangkok (Don Muan), Thailand To Hong Kong (Kai Tak)	10:25	16:35	VTBD	VHHX	925	Depart Bangkok Rwy 03L turning right onto 056° for Korat VOR KRT 113.70. At KRT ahead on 057° for Savannakhet VOR SAV 113.50. At SAV ahead on 055° for Nanyingbindao VOR NYB 113.30* and into Laos, then Vietnam and then across the South China Sea. What names for VORs! Ay NYB on the island of Hainan ahead on 059° for Cheung Chau VOR CH 112.30. On approach to CH it's decision time again! Whether to continue to the old Hong Kong airport at Kai Tak VHHX or divert to Hong Kong International VHHH. The approach to Kai Tak from the west was always a challenge but even more so now if it's in poor weather with no NAV aids! Well worth listening to the ATIS at VHHH before deciding! The ILS for Rwy 07R at VHHH is 109.30 if you divert.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA912-10	BA912	Hong Kong (Kai Tak) To Tokyo (Haneda), Japan	09:30	19:45	VHHX	RJTT	1561	Depart Kai Tak Rwy 14 turning left onto 065° for Shantou VOR SWA 112.60* and along the Chinese coast. Beware of high ground quite close to the East after takeoff! At SWA turn left onto 050° for Xiamen VOR XMN 114.50. At XMN ahead on 047° and up the Taiwan Strait for Fuzhou VOR FOC 116.80. Taiwan is some 90 miles off to starboard. At FOC turn right onto 060° and across 700 miles of the East China Sea for Miyazaki VOR MZE 112.40* and the southern coast of Japan! At MZE ahead on 061° for Shimizu VOR SUC 115.20. At SUC ahead on 070° for Nanki VOR NKE 109.05. At NKE ahead on 066° for Hamamatsu VOR LHE 110.00. Finally at LHE ahead on 070° for Haneda VOR HME 112.20 and Rwy 04. Mount Fuji should be visible as you come up the coast before sunset.	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA913-01	BA913	Tokyo (Haneda), Japan To Hong Kong (Kai Tak)	22:30	09:00	RJTT	VHHX	1563	Operates Wednesdays to London Depart Haneda Rwy 33 turning onto 252° for Hamamatsu VOR LHE 110.00*. At LHE ahead on 247° for Nanki VOR NKE 109.05. At NKE ahead on 252° to Shimitzu VOR SUC 115.20. At SUC ahead on 250° to Kajiki VOR KGE 115.70. At KGE ahead on 247° to Fuzhou VOR FOC 116.80* in China. At FOC turn left onto 228° for Xiamen VOR XMN 114.50*. At XMN turn right onto 231° to Shantou VOR SWA 112.60. Finally at SWA turn right onto 245° to Tung Lung VOR TD 116.10 descending to 2000'. After TD as the arrival maybe in darkness and depending on the weather you may wish to divert to Hong Kong International VHHH Rwy 07R ILS 109.30.	10000
BA913-02	BA913	Hong Kong (Kai Tak) To Bangkok (Don Muang), Thailand	13:00	17:10	VHHX	VTBD	925	Depart Rwy 14 turning right onto 240° for Cheung Chau VOR CH 112.30. Beware of rising ground! At CH ahead on 241° for Nanyingbindao VOR NYB 113.30* on the island of Hainan (China). Lovely name! At NYB ahead on 237° crossing Vietnam then Laos and into Thailand for Savannakhet VOR SAV 113.50*. At SAV ahead on 236° for Nakshon Ratchajima VOR NKR 110.20. Finally at NKR ahead on 238° for Bangkok VOR 117.70 and Rwy 21L ILS 110.30.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA913-03	BA913	Bangkok (Don Muang), Thailand To Yandon, Myanmar	18:10	19:35	VTBD	VYYY	365	Depart Rwy 03L turning left onto 275° for Dawei VOR DWI 112.00. Finally at DWI turn right onto 328° for Yandon VOR HGU 112.30 and Rwy 21 ILS 109.90.	10000
BA913-04	BA913	Rangoon (Yangdon), Myanmar To Calcutta (Kolkata), India	20:35	22:45	VYYY	VECC	559	Depart Rwy 03 before turning left onto 313° for Mazin NDB TD 270.0*. At TD turn right onto 324° for Kyaukpyu NDB KP 250.0. At KP ahead on 319° for Sittwe NDB SW 216.0. Finally at SW turn left onto 303° for KolKata VOR CEA 112.50 and Rwy 19R 110.30.	8000
BA913-05	BA913	Kolkata, India To Karachi, Pakistan	23:45	05:15	VECC	OPKC	1193	Depart Rwy 01R turning left onto 284° for Ranchi VOR RRC 116.90. At RRC ahead on 288° for Khajuraho VOR KKJ 116.40*. At KKJ turn left onto 269° for Udaipur VOR UUD 115.90*. At UUD turn right onto 284° for Chor NDB KE 410.0*. Finally at KE turn left onto 255° for Karachi VOR KC 112.10 and Rwy 25R ILS 110.10.	10000
BA913-06	BA913	Karachi, Pakistan To Basrah, Iraq	07:15	12:10	OPKC	ORMM	1156	Depart Rwy 07R turning left onto 272° for Jiwani VOR JI 112.70*. At JI ahead on 270° for Fujairah VOR FJR 114.70*. At FJR turn right onto 295° for Sirri Island VOR SIR 113.75. At SIR turn right onto 308° for Bushehr VOR BUZ 112.20. At BUZ turn left onto 300° for Abadan VOR ABD 114.50. Finally at ABD turn left onto 284° for Basrah VOR BAV 112.30 and Rwy 14 ILS 110.70.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA913-07	BA913	Basrah, Iraq To Beirut, Lebanon	13:10	17:25	ORMM	OLBA	659	Depart rwy 32 turning left onto 306° for Shatra VOR ST 114.20. At ST ahead on 300° for Hashimiya VOR HA 114.40. At HA turn left onto 280° for Tanf VOR TAN 114.00*. Finally at TAN turn left onto 274° for Kaldeh VOR KAD 112.60, descending within 25 miles for Rwy 18 ILS 109.50.	12000
BA913-08	BA913	Beirut, Lebanon To Rome (Ciampino), Italy	18:25	23:25	OLBA	LIA	1198	Depart Beirut Rwy 03 turning left onto 302° for Larnaca VOR LCA 112.80*. At LCA turn left onto 293° for Dalaman VOR DAL 114.70*. At DAL ahead on 298° for Milas VOR GML 113.90. At GML ahead on 284° for Koristos VOR KRO 112.20 At KRO ahead on 291° for Kerkira VOR KRK 114.70*. At KRK turn right onto 305° for Brindisi VOR BRD 113.20. At BRD ahead on 298° for Bari VOR BAR 116.40. At BAR turn left onto 273° for Teano VOR TEA 112.90. At TEA turn right onto 286° for Latina VOR LAT 111.20. Finally at LAT turn right onto 316° for the Rome VOR ROM 110.80 and the ILS for Ciampino Rwy 15 109.90. Keep at 3500 until passing to avoid Monte Cavo!	16000

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BA913-09	BA913	Rome (Ciampino), Italy To Dusseldorf, Germany	00:25	04:40	LIRA	EDDL	622	Depart Rwy 33 climbing ahead on 333° for Bolsena VOR BOL 114.40. At BOL ahead on 331° for Florence VOR FRZ 115.10. At FRZ turn right onto 341° for Brescia VOR BSA 117.70. At BSA ahead on 335° for Zurich East VOR ZUE 110.05. At ZUE ahead on 338° for Kirn VOR KIR 117.50. AT KIR turn right onto 353° for Cologne-Bonn VOR KBO 112.15. Finally at KBO turn left onto 331° for Dusseldorf VOR DUS 115.15 and Rwy 05R ILS 111.50.	18000
BA913-10	BA913	Dusseldorf, Germany To London (Heathrow), UK	05:40	06:25	EDDL	EGLL	276	Depart Rwy 05R turning left onto 275° for Costa VOR COA 110.05. At COA turn right onto 283° for Lambourne VOR LAM 115.60. Finally at LAM turn left onto 252° for London VOR LON 113.60 and Rwy 27R ILS 110.30.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA918-01	BA918	London (Heathrow), UK To Dusseldorf, Germany	20:30	23:15	EGLL	EDDL	276	Operates Wednesdays to Tokyo Depart Rwy 09L turning right onto 118° for Biggin Hill VOR BIG 115.10. At BIG turn left onto 105° for Dover VOR DVR 114.95. At DVR turn left onto 092° for Nicky VOR NIK 117.40 and into Belgium. At NIK ahead on 087° for Dusseldorf VOR DUS 115.15 into Germany and finally Rwy 05L ILS 109.50.	7000
BA918-02	BA918	Dusseldorf, Germany To Rome (Ciampino), Italy	00:15	04:00	EDDL	LIRA	620	Depart Rwy 05R turning right onto 166° for Kirn VOR KIR 117.50. At KIR turn left onto 158° for Zurich VOR ZUE 110.05 and Switzerland. At ZUE ahead on 154° for Brescia VOR BSA 117.70 and Italy. At BSA ahead on 155° for Bolsena VOR BOL 114.40 descending to 6000. At BOL ahead on 153° for Rome VOR ROM 110.80 and finally Rwy 33	19000

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BA918-03	BA918	Rome (Ciampino), Italy To Beirut, Lebanon	05:00	12:50	LIRA	OLBA	1197	Depart Ciampino Rwy 33 turning right onto 136° for Latina VOR LAT 112.20. At LAT turn left onto 106° for Teano VOR TEA 112.90. At TEA ahead on 100° for Brindisi VOR BRD 113.20 and across the Appenines. At BRD turn right onto 124° and across the Adriatic Sea for Kerkira VOR KRK 114.70 and the Greek island of Corfu. At KRK ahead on 121° to Korinthos VOR KRI 113.00. At KRI turn left onto 105° to Kea VOR KEA 115.00. At KEA ahead on 108° to Rhodes VOR RDS 115.80*. At RDS ahead on 110° and across the Mediterranean to Paphos VOR PHA 117.90* and the island of Cyprus. Finally at PHA ahead on 106° to Khaldeh VOR 112.60 and the ILS for Beirut Rwy 21 111.90.	17000
BA918-04	BA918	Beirut, Lebanon To Baghdad, Iraq	13:50	16:20	OLBA	ORBS	447	Depart Beirut Rwy 35 and turn right onto 115° for Damascus VOR DAM 116.00. The only problem is the Jebel Leban or Lebanon mountains so either climb quickly or head South before turning towards Damascus! At DAM turn left onto 082° for Tanf VOR TAN 114.00. Finally at TAN ahead on 088° for Adnan VOR AD 115.00 descending to be level at 2000 and then Rwy 15R ILS 110.90.	15000
BA918-05	BA918	Baghdad, Iraq To Bahrain (Muharraq)	17:20	21:15	ORBS	OBBI	540	Depart Rwy 15L turning left onto 132° for Shatra VOR ST 114.10. At ST turn right onto 143° for Kuwait VOR KUA 115.50. At KUA turn right onto 150° for Ras Al Mishab VOR RAS 116.40. Finally at RAS turn left onto 132° for Bahrain VOR BAH 115.30 and Rwy 30 ILS 110.30.	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA918-06	BA918	Bahrain (Muharraq) To Karachi, Pakistan	22:15	03:00	OBBI	OPKC	904	Depart Rwy 12 turning left onto 092° for Sirri Island VOR SIR 113.75*. At SIR turn right onto 102° for Ras Al Khaimah VOR RAV 113.60. At RAV turn left onto 089° for Chah Bahar VOR CBH 116.90*. At CBH turn right onto 105° for Jiwani VOR JI 112.70. Finally at JI turn left onto 089° for Karachi VOR Kc 112.10* and Rwy 25R ILS 109.70.	13000
BA918-07	BA918	Karachi, Pakistan To Delhi (Safdarjung), India	05:00	09:00	OPKC	VIDD	592	Depart Karachi Rwy 25R turning right onto 039° for Nawabshah VOR NH 112.90. At NH turn right onto 067° for Esdem VOR LKA 114.00*. At LKA turn right onto 080° for Delhi VOR DPN 116.10. Now (!) BOAC at the time used Safdarjung airport for Delhi, but now it is quite a short runway amongst some tallish Microsoft buildings and no navigation aids, so if the weather is good have a go, but if not divert to Indira Ghandi airport (VIDP) and Rwy 10 ILS 109.50!	7000
BA918-08	BA918	Delhi (Safdarjung), India To Dhaka, Bangladesh	10:00	14:30	VIDD	VGZR	772	Depart Rwy 30 turning right onto 111° for Jalalabad VOR JAL 115.80*. At JAL turn right onto 130° for Lucknow VOR LLK 113.10. At LLK turn left onto 106° for Patna VOR PPT 112.10*. At PPT ahead on 109° for Rajshahi VOR RAJ 114.60*. Finally at RAJ ahead on 110° for Dhaka VOR DAC 112.70 and Rwy 14 ILS 109.50.	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA919-01	BA919	Dhaka, Bangladesh To Kolkata, India	15:50	16:15	VGZR	VECC	129	Operates Fridays to London Depart Rwy 32 turning left onto 237° for Kolkata VOR CEA 112.50 and Rwy 19L ILS 110.30.	4000
BA919-02	BA919	Calcutta (Kolkata), India To Delhi, (Safdarjung) India	10:00	14:10	VECC	VIDD	710	Depart Rwy 01R before turning left onto 303° for Dhanbad NDB DB 304.0*. At DB ahead on 305° to Gaya VOR GGC 115.00. At GGC left onto 291° to Varanasi VOR BBN 113.90. At BBN right onto 307° to Lucknow VOR LLK 113.10. At LLK ahead on 311° to Jalalabad VOR JAL 115.80. At JAL left onto 292° to Sikandrabad VOR SSB 112.40. Finally at SSB ahead to Delhi VOR DPN 116.10. Again finding VIDD at night or in poor weather is tricky so consider a diversion to VIDP Rwy 28 ILS 110.30!	8000
BA919-03	BA919	Delhi (Safdarjung), India To Karachi, Pakistan	15:10	17:30	VIDD	OPKC	596	VIDD has no taxiway or runway lights but take offs are easier than landings! Depart Rwy 30 turning left onto 262° to Esdem VOR LKA 114.00*. At LKA turn left onto 236° to Chor NDB KE 410.0* and into Pakistan. At KE right onto 261° to Hyderabad NDB KD 223.0. Finally at KD left onto 249° to Karachi VOR 112.10 and Rwy 25R ILS 110.10.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA919-04	BA919	Karachi, Pakistan To Bahrain (Maharraq)	19:30	00:10	OPKC	OBBI	901	Depart Rwy 07R turning left onto 272° to Jiwani VOR JI 112.70*. At JI right onto 286° to Char Bahar VOR CBH 116.90 and into Iran. At CBH turn left onto 272° and across the Gulf of Oman to Ras Al Khaimar VOR RAV 113.60*. At RAV turn right onto 283° for Sirri Island VOR SIR 113.75. Finally at SIR ahead on 274° across the Persian gulf to Bahrain VOR BAH VOR 115.30 and Rwy 30 ILS 110.30.	10000
BA919-05	BA919	Bahrain (Maharraq) To Baghdad, Iraq	01:10	03:50	OBBI	ORBS	540	Depart Rwy 30 turning right onto 313° for Ras Al Mishab VOR RAS 116.40. At RAS turn right onto 331° for Kuwait VOR KUA 115.50. At KUA turn right onto 324° for Shatra VOR ST 114.20. Finally at ST turn left onto 313° for Baghdad VOR IB 112.40 and Rwy 15L ILS 110.70.	8000
BA919-06	BA919	Baghdad, Iraq To Beirut, Lebanon	04:50	07:40	ORBS	OLBA	447	Depart Baghdad Rwy 33R turning left onto 271° for Tanf VOR TAN 114.00*. At TAN turn left onto 263° for Damascus VOR DAM 116.00. At DAM turn right onto 295° for Khaldeh VOR KAD 112.60 and Beirut Rwy 35. Again the descent needs to be left until after passing the Lebanese mountains but also take care on the approach to Rwy 35 where high ground is quite close to the approach and there is no ILS.	14000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA919-07	BA919	Beirut, Lebanon To Rome (Ciampino), Italy	08:40	13:40	OLBA	LIA	1198	Depart Beirut Rwy 03 turning left onto 302° for Larnaca VOR LCA 112.80*. At LCA turn left onto 293° for Dalaman VOR DAL 114.70*. At DAL ahead on 298° for Milas VOR GML 113.90. At GML ahead on 284° for Koristos VOR KRO 112.20 At KRO ahead on 291° for Kerkira VOR KRK 114.70*. At KRK turn right onto 305° for Brindisi VOR BRD 113.20. At BRD ahead on 298° for Bari VOR BAR 116.40. At BAR turn left onto 273° for Teano VOR TEA 112.90. At TEA turn right onto 286° for Latina VOR LAT 111.20. Finally at LAT turn right onto 316° for the Rome VOR ROM 110.80 and the ILS for Ciampino Rwy 15 109.90. Keep at 3500 until passing to avoid Monte Cavo!	16000
BA919-08	BA919	Rome (Ciampino), Italy To Dusseldorf, Germany	14:40	18:55	LIRA	EDDL	622	Depart Rwy 33 climbing ahead on 333° for Bolsena VOR BOL 114.40. At BOL ahead on 331° for Florence VOR FRZ 115.10. At FRZ turn right onto 341° for Brescia VOR BSA 117.70. At BSA ahead on 335° for Zurich East VOR ZUE 110.05. At ZUE ahead on 338° for Kirn VOR KIR 117.50. AT KIR turn right onto 353° for Cologne-Bonn VOR KBO 112.15. Finally at KBO turn left onto 331° for Dusseldorf VOR DUS 115.15 and Rwy 05R ILS 111.50.	18000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA919-09	BA919	Dusseldorf, Germany To London (Heathrow), UK	19:55	20:40	EDDL	EGLL	276	Depart Rwy 05R turning left onto 275° for Costa VOR COA 110.05. At COA turn right onto 283° for Lambourne VOR LAM 115.60. Finally at LAM turn left onto 252° for London VOR LON 113.60 and Rwy 27R ILS 110.30.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA962-01	BA962	London (Heathrow), UK To Frankfurt, Germany	21:30	00:55	EGLL	EDDF	363	<i>Operates Mondays to Hong Kong (all Tourist)</i> Depart Heathrow Rwy 09L turning right onto 118° for Biggin Nill VOR BIG 115.10. At BIG turn left onto 105° for Dover VOR DVR 114.95. At DVR left onto 098° for Koksy VOR KOK 114.50 and across the Channel into Belgium. At KOK turn right onto 108° for Huldensburg VOR HUL 117.55. At HUL ahead on 102° for Liege VOR LGE 115.45. At LGE ahead on 104° for Taunus VOR TAU 116.70 and into Germany crossing the Rhine by Koblenz. Finally at TAU turn right onto 124° for Frankfurt VOR FFM 114.20 and the ILS for 07L 110.70.	7000
BA962-02	BA962	Frankfurt, Germany To Rome (Ciampino), Italy	01:55	05:00	EDDF	LIRA	527	Depart Frankfurt Rwy 07R turning right onto 155° for Luburg VOR LBU 109.20. At LBU ahead on 150° for Kempten VOR KPT 109.60. At KPT turn right onto 170° for Villafranca VOR VIL 115.80* near Verona in Italy and crossing the Alps. At VIL ahead on 162° to be level at 8000 by Bologna VOR BOA 112.20. At BOA ahead on 163° for Bolsena VOR BOL 114.40. Finally at BOL turn left onto 153° for Rome VOR ROM 110.80 and Ciampino Rwy 33 (no ILS!)	19000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA962-03	BA962	Rome (Ciampino), Italy To Larnaca, Cyprus	06:00	12:25	LIRA	LCLK	1078	Depart Ciampino Rwy 33 and climb ahead on runway heading to 1000 before turning right onto 114° for Teano VOR TEA 112.90. At TEA turn left onto 100° for Brindisi VOR BRD 113.20. At BRD right onto 124° for Kerkeira VOR KRK 114.70 and across the Adriatic to Greece. At KRK left onto 109° for Karistos VOR KRO 112.20*. At KRO ahead on 103° for Bodrum VOR BDR 116.70 and Turkey. Finally at BDR ahead on 111° and across the Mediterranean to Cyprus for Larnaca VOR LCA 112.80 and Rwy 04. Originally the flight would have operated into Nicosia Airport long since closed with the partition of Cyprus.	15000
BA962-04	BA962	Larnaca, Cyprus To Damascus, Syria	13:25	14:55	LCLK	OSDI	170	Depart Rwy 22 turning left onto 120° and across the Mediterranean for Beirut VOR KAD 112.60 and Lebanon. Finally at KAD ahead on 115° crossing the Lebanese mountains for Damascus VOR DAM 116.00 and ILS for Rwy 23R 109.90.	13000
BA962-05	BA962	Damascus, Syria to Basra, Iraq	15:55	20:00	OSDI	ORMM	609	Depart Rwy 23L turning left onto 083° for Tanf VOR TAN 114.00*. At TAN right on 097° crossing into Iraq for Hashimiya VOR HA 114.40*. At HA right on 119° for Shatra VOR ST 114.20. Finally at ST ahead on 125° for Basra VOR BAV 112.30 and Rwy 14 ILS 110.70. Bara sits alongside the Euphrates river before it flows out into the Persian Gulf.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA962-06	BA962	Basra, Iraq To Karachi, Pakistan	21:00	03:50	ORMM	OPKC	1148	Depart Basrah Rwy 14 and turn left onto 104° for Abadan VOR ABD 114.50* in Iran. At ABD turn right onto 118° for Kharg Island VOR KHG 113.40. At KHG turn right onto 129° for Lavdin Island VOR LVA 116.85. At LVA left onto 115° for Ras Al Khaimah VOR RAV 113.60 in the United Arab Emirates. At RAV turn left onto 089° for Chah Bahar VOR CBH 116.90* back into Iran. At CBH turn right onto 105° for Jiwani VOR JI 112.70 just over the border into Pakistan. Finally at JI turn left onto 089° for Karachi VOR KC 112.10* and the Rwy 25L ILS 110.10.	15000
BA962-07	BA962	Karachi, Pakistan To Bombay (now Mumbai), India	05:50	09:25	OPKC	VABB	477	Depart Rwy 25L turning left onto 143° for Porbandar NDB PR 344.0*. Finally at PR turn left onto 130° for Mumbai VOR BBB 116.60* and Rwy 14 ILS 110.10.	7000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA962-08	BA962	Mumbai, India To Colombo (Ratmalana), Sri Lanka (then Ceylon)	10:25	14:55	VABB	VCCC	845	Depart Rwy 32 turning left onto 153° for Belgaum VOR BBM 112.10*. At BBM ahead on 155° for Coimbatore VOR CCB 112.90*. At CCB turn left onto 142° for Madurai VOR MDI 116.10 in Southern India. Finally turn right onto 151° and across the Gulf of Mannar for Ratmalana VOR RML 116.70* and runway 22. Ratmalana is now an Sri Lankan Air Force base but was the airport for Colombo before Bandaranaike Airport to the North opened.	9000
BA962-09	BA962	Colombo (Ratmalana), Sri Lanka To Singapore (Paya Lebar)	07:00	16:45	VCCC	WSAP	1501	Depart Rwy 04 turning right onto 097° for Banda Aceh VOR BAC 113.40* 930 miles away on the Northern tip of Sumatra in Indonesia. Keep the aircraft climbing briskly to clear the mountains in Sri Lanka which reach to 8200'. At BA turn right onto 116° and down Sumatra and across the Malacca Straits for the Malacca VOR VMK 117.40*. Finally at VMK ahead on 116° for Papa Uniform VOR PU 115.10 and Rwy 02.	9000
BA962-10	BA962	Singapore (Paya Lebar) To Hong Kong (Kai Tak)	16:30	21:10	WSAP	VHHX	1405	Depart Rwy 02 turning left onto 007° for Pulaantioman VOR VPT 114.00 on Tioman Island. At VPT turn right onto 023° and across the South China Sea for Conson NDB CS 333.0* on Condao Island just off the Southern tip of Vietnam. At CS turn right onto 032° for Phantet VOR PTH 116.10* on the Vietnam coast. At PTH turn left onto 017° for Phucat VOR PCA 116.30. Finally at PCA turn right onto 029° and across the South China Sea for Cheung Chau VOR CH 112.30* and Rwy 14.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA963-01	BA963	Hong Kong (Kai Tak) To Singapore (Paya Lebar)	10:00	18:05	VHHX	WSAP	1405	<i>Operates Mondays to London</i> Depart Rwy 14 turning right onto 240° for Cheung Chau VOR CH 112.30. At CH turn left onto 212° for Phucat VOR PCA 116.30*. At PCA turn left onto 198° for Phantiet VOR PTH 114.10. At PTH turn right onto 213° for Conson NDB CS 333.0*. At CS turn left onto 203° for Pulaatioman VOR VPT 114.00*. Finally at VPT turn left onto 186° for Papa Uniform VOR PU 115.10 and Rwy 20 at Paya Lebar.	10000
BA963-02	BA963	Singapore (Paya Lebar) To Colombo (Ratmalana)	08:30	14:00	WSAP	VCCC	1499	Depart Rwy 02 turning left onto 292° for Medan VOR MDN 113.00*. At MDN turn right onto 303° for Banda Aceh VOR BAC 113.40*. At BAC left onto 276° for Ratmalana VOR RML 116.70 and Rwy 22.	10000
BA963-03	BA963	Colombo (Ratmalana) To Mumbai (Santa Cruz), India	09:30	13:55	VCCC	VABB	845	Depart Rwy 04 turning left onto 332° for Madurai VOR MDI 116.10*. At MDI ahead on 322° for Coimbatore VOR CCB 112.90. At CCB turn right onto 336° for Belgaum VOR BBM 112.10*. Finally at BBM ahead on 334° for Mumbai VOR BBB 116.60 and Rwy 14 ILS 110.10.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA963-04	BA963	Mumbai (Santa Cruz), India To Karachi, Pakistan	14:55	16:35	VABB	OPKC	481	Depart Rwy 32 and ahead on 330° for Rajkot VOR RKT 115.40*. At RKT turn left onto 313° for Bhun VOR BBJ 112.60. Finally at BBJ turn left onto 306° for Karachi VOR KC 112.10 and Rwy 25L 109.70.	8000
BA963-05	BA963	Karachi, Pakistan To Basrah, Iraq	18:35	23:30	OPKC	ORMM	1156	Depart Rwy 07R turning left onto 272° for Jiwani VOR JI 112.70*. At JI ahead on 270° for Fujairah VOR FJR 114.70*. At FJR turn right onto 295° for Sirri Island VOR SIR 113.75. At SIR turn right onto 308° for Bushehr VOR BUZ 112.20. At BUZ turn left onto 300° for Abadan VOR ABD 114.50. Finally at ABD turn left onto 284° for Basrah VOR BAV 112.30 and Rwy 14 ILS 110.70.	10000
BA963-06	BA963	Basrah, Iraq To Damascus, Syria	00:30	03:05	ORMM	OSDI	607	Depart Rwy 32 turning left onto 306° for Shatra VOR ST 114.20. At ST turn left onto 286° for Tanf VOR TAN 114.00*. Finally at TAN turn left onto 263° for Damascus VOR DAM 116.00 and Rwy 23L.	8000
BA963-07	BA963	Damascus, Syria To Larnaca, Cyprus	04:05	05:50	OSDI	LCLK	169	Depart Rwy 05R turning left onto 293° for Beirut VOR KAD 112.60*. At KAD ahead on 302° for Larnaca VOR LCA 112.80 and Rwy 22 ILS 110.30.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA963-08	BA963	Larnaca, Cyprus To Rome (Ciampino), Italy	06:50	12:00	LCLK	LIRA	1082	Depart Rwy 04 turning left onto 293° for Dalaman VOR DAL 114.70* and Turkey. At DAL ahead on 298° to Milas VOR GML 113.90. At GML turn left on 284° to Karistos VOR KRO 112.20. At KRO ahead on 294° to Kerkeira VOR KRK 114.70*. At KRK right onto 305° to Brindisi VOR BRD 113.20. At BRD left onto 282° to Teano VOR TEA 112.90. At TEA ahead onto 286° to Latina VOR LAT 111.20. Finally at LAT right onto 316° to Rome VOR ROM 110.80 and Rwy 15 ILS 109.90.	14000
BA963-09	BA963	Rome (Ciampino), Italy To Frankfurt, Germany	13:00	16:30	LIRA	EDDF	531	Depart Rwy 33 ahead on 333° to Bolsena VOR BOL 114.40. At BOL right onto 344° to Bologna VOR BOA 112.20. At BOA ahead on 342° to Villafranca VOR VIL 115.80. At VIL ahead on 351° to Kempten VOR KPT 109.60. At KPT left onto 330° to Luburg VOR LBU 109.20. Finally at LBU ahead on 339° to Frankfurt VOR FFM 114.20 and Rwy 25L ILS 111.35.	18000
BA963-10	BA963	Frankfurt, Germany To London (Heathrow), UK	17:30	19:00	EDDF	07:55	361	Depart Rwy 07R turning left onto 289° to Olno VOR LNO 112.80*. At LNO ahead on 286° to Huldenberg VOR HUL 117.55 and into Belgium. At HUL ahead on 288° to Kokszy VOR KOK 114.50. At KOK left onto 278° to Dover VOR DVR 114.95 and across the Channel. At DVR ahead on 282° to Ockham VOR OCK 115.30. Finally at OCK turn right to London VOR LON 113.60 and Rwy 27L ILS 109.50.	8000

BOAC Argonaut flights to the South Atlantic

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA351-01	BA351	London (Heathrow), UK To Madrid (Barajas), Span	09:45	14:20	EGLL	LEMD	675	<i>Operates Sundays and Thursdays to Santiago</i> Depart Rwy 09L turning right onto 200° for Goodwood VOR GWC 114.75. At GWC ahead on 193° to France and Nantes VOR NTS 115.50*. At NTS ahead on 198° and across the Bay of Biscay to Spain and Bilbao VOR BLV 115.90*. Finally at BLV ahead on 194° for Barajas VOR BRA 116.45 and Rwy 33 ILS 109.90.	10000
BA351-02	BA351	Madrid (Barajas), Spain To Lisbon (Portela), Portugal	15:20	16:10	LEMD	LPPT	284	Depart Rwy 36L turning left onto 251° for Caceres VOR CCS 114.20*. Finally at CCS ahead on 259° for Lisbon VOR LIS 114.80 and Rwy 21 ILS 109.50.	6000
BA351-03	BA351	Lisbon (Portela), Portugal To Dakar (Yoff), Senegal	16:55	00:35	LPPT	GOOY	1519	Depart Rwy 21 turning left onto 192° for Espichel VOR ESP 112.50. At ESP turn right onto 209° for and down the Northern coast of Africa to Fuerteventura VOR FTV 114.10*. At FTV ahead on 210° for Dakhla VOR DKH 115.80*. At DKH ahead on 209° for Nouadhibou VOR PE 113.50*. Finally at PE turn left onto 193° for Dakar VOR YF 113.10* and Rwy 18.	10000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA351-04	BA351	Dakar (Yoff), Senegal To Recife (Guarapapes), Brasil	01:20	06:50	GOOY	SBRF	1723	The longest flight in a BOAC Argonaut! Depart Rwy 36 turning left onto 231° to cross both the Equator and the South Atlantic to Fernando De Noronha VOR NOR 113.50*. This is on an island a few hundred miles off the coast of Brasil. Finally at NOR ahead on 231° for Recife VOR REC 116.90*, Rwy 18 ILS 110.30 and the coast of Brasil	10000
BA351-05	BA351	Recife (Guarapapes), Brasil To Rio De Janeiro (Galeao), Brasil	07:50	13:05	SBRF	SBGL	1046	Depart Rwy 30 turning left onto 234° for Maceio VOR MCO 113.00. At MCO ahead on 243° for Aracaju VOR ACJ 112.00. At ACJ ahead on 234° for Salvador VOR SVD 116.50. At SVD turn left onto 222° for Ilheus NDB YLH 305.0*. At YLH turn left onto 206° for Caravelhas VOR CVL 116.00 (no DME). At CVL turn right onto 222° for Vitoria VOR VTR 115.50. At VTR turn right onto 235° for Macae VOR MAC 112.70. At MAC turn right onto 270° for Porto VOR PCX 114.60. Finally at PCX ahead on 272° for Rwy 10 ILS 109.30.	12000
BA351-06	BA351	Rio De Janeiro (Galeao), Brasil To Montivideo (Carrasco), Uruguay	14:05	19:35	SBGL	SUMU	988	Depart Rwy 33 turning left onto 243° for Florianapolis VOR XRO 117.80*. Please note the high ground immediately on track to the Sout West. At XRO ahead on 239° for Porto Alegre VOR POR 114.00. At POR turn left onto 222° for Pelotas VOR PTS 113.30 (No DME) Finally at PTS turn right onto 235° into Uruguay for Carrasco VOR CRR 116.90* and Rwy 24 ILS 109.90.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA351-07	BA351	Montivideo (Carrasco), Uruguay To Buenos Aires (Ezeiza), Argentina	20:20	21:20	SUMU	SAEZ	124	Depart Rwy 06 turning left onto 276° for Ezeiza VOR EZE 116.50 and Rwy 11 ILS 110.10.	4000
BA351-08	BA351	Buenos Aires (Ezeiza), Argentina To Santiago, Chile	11:30	14:30	SAEZ	SCEL	659	Deapart Rwy 35 turning left onto 282° for Junin VOR NIN 116.10* (no DME). At NIN ahead on 283° for Villa Reynolds VOR RYD 115.70*. At RYD ahead on 284° for Mendoza VOR DOZ 114.90 and the start of the Andes mountain range. At DOZ turn left onto 262° for Tabon VOR TBN 113.90. You should hope for good weather as at 18000 feet there will be higher mountains on both sides of the track. At 40 miles out from TBN commence a descent. At TBN turn left onto 169° for Santiago VOR AMB 116.10 and Rwy 17 ILS 110.30.	18000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA352-01	BA352	Santiago, Chile To Buenos Aires (Ezeiza), Argentina	16:30	21:10	SCEL	SAEZ	659	<i>Operates Sundays and Wednesdays to London</i> Depart Rwy 35 climbing ahead on 348° to be at 8000 feet by Tabon VOR TBN 113.90. At TBN turn right onto 081° for Mendoza VOR DOZ 114.90. Make small changes of heading to avoid the highest peaks in the Andes! At DOZ turn right onto 104° for Villa Reynolds VOR RYD 115.70. At RYD ahead on 102° for Junin VOR NIN 116.10* (no DME) Finally at NIN ahead on 101° for Ezeiza VOR EZE 116.50 and Rwy 11 ILS 110.10.	17000
BA352-02	BA352	Buenos Aires (Ezeiza), Argentina To Montivideo (Carrasco), Uruguay	22:50	23:50	SAEZ	SUMU	124	Depart Rwy 35 turning right onto 094° for Carrasco VOR CRR 116.90 and the short flight to Rwy 06.	3000
BA352-03	BA352	Montivideo (Carrasco), Uruguay To Rio De Janeiro (Santos Dumont), Brasil	00:50	05:55	SUMU	SBRJ	999	Depart Rwy 06 and ahead on 052° for Pelotas VOR 113.30* (No DME). At PTS turn left onto 041° for Porto Alegre VOR POR 114.00. At POR turn right onto 058° for Florianapolis VOR XRO 117.80. At XRO ahead on 059° for Santa Cruz VOR SCR 113.60*. At SCR turn right onto 094° for Rwy 15 ILS 110.30.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA352-04	BA352	Rio De Janeiro (Santos Dumont), Brazil To Recife (Guararapes), Brasil	07:30	12:45	SBRJ	SBRF	1012	Depart Rwy 33 turning right onto 092° for Porto VOR PCX 114.60. At PCX ahead on 090° for Macae VOR MAC 112.70. At MAC turn left onto 054° for Vitoria VOR VTR 115.50. At VTR turn left onto 042° for Caravelas VOR CVL 116.00 (No DME). At CVL turn left onto 026° for Ilheus NDB YLH 305.0*. At YLH turn right onto 042° for Salvador VOR SVD 116.50. At SVD turn right onto 055° for Aracaju VOR ACJ 112.00. At ACJ turn right onto 063° for Maceio VOR MCO 113.00. Finally at MCO ahead on 054° for Recife VOR REC 116.90 and Rwy 18 ILS 110.30.	11000
BA352-05	BA352	Recife (Guararapes), Brasil To Dakar (Yoff), Senegal	13:45	01:25	SBRF	GOOY	1725	Depart Rwy 36 turning right onto 052° for Fernando De Noronha VOR NOR 113.50* and a long flight across the Atlantic. At NOR ahead on 059° for 1500 miles to Dakar VOR YF 113.10* and Rwy 18.	9000
BA352-06	BA352	Dakar (Yoff), Senegal To Lisbon (Portela), Portugal	02:10	09:50	GOOY	LPPT	1519	Depart Rwy 36 turning right onto 015° for Nouadhibou VOR PE 113.50*. At PE turn right onto 029° for Dakhla VOR DKH 115.80. At DKH ahead on 030° for Lanzarote VOR LT 113.70*. Finally at LT ahead on 027° for Espichel VOR ESP 112.50* and Rwy 21 ILS 109.50 at Portela.	9000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA352-07	BA352	Lisbon (Portela), Portugal To Madrid (Barajas), Spain	10:35	13:25	LPPT	LEMD	280	Depart Rwy 21 turning left onto 075° for Caceres VOR CCS 114.20. Finally at CCS ahead on 071° for Barajas VOR BRA 116.45 and Rwy 18R ILS 110.70.	
BA352-08	BA352	Madrid (Barajas), Spain To London (Heathrow), UK	14:25	17:25	LEMD	EGLL	674	Depart Rwy 36 turning right onto 013° for Bilbao VOR BLV 115.90. At BLV ahead on 017° for Nantes VOR NTS 115.50* and into France. At NTS ahead on 013° for Midhurst VOR MID 114.00* and across the Channel to the UK. Finally ahead on 017° for London VOR LON 113.60 and Rwy 27L ILS 109.50 and the end of a journey of nearly 7000 miles.	11000

BOAC Argonaut Flights to South Africa

On the 2nd May 1952 BOAC commenced the world's first regular jet passenger services with the Comet 1 between the UK (London) and South Africa (Johannesburg). As further Comets were delivered more services were started up including London to Tokyo by April 1953 when BOAC was operating Comets on almost half its total route network. The flight to Tokyo took 33 hours 15 minutes compared with the 86 hours including night stops on the Canadair DC4M Argonaut which you can fly earlier in this collection. BOAC was on the crest of a wave and operating the Comet on almost half of its total route network and enjoying very positive comments from passengers. Sadly in early 1954 there started a series of accidents which were to lead to the Comet fleet being completely grounded on the 12th April 1954.

As BOAC struggled to compensate for the grounding of the Comet fleet it suspended services to South America and introduced the Argonauts onto the routes to South Africa. The following schedules are from that time.

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA115-01	BA115	London (Heathrow), UK To Rome (Ciampino), Italy	08:30	12:50	EGLL	LIRA	798	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p><i>Operates Mondays and Wednesdays to Johannesburg.</i></p> <p>Depart Heathrow Rwy 09L and climb ahead onto 156° for Seaford VOR SFD 117.0.</p> <p>At SFD turn left onto 138° to Creil VOR CRL 109.20 and across the English Channel and into France.</p> <p>At CRL left onto 129° to Rolampont VOR RLP 117.30.</p> <p>At RLP right onto 142° to Sion VOR SIO 112.15 and into Switzerland.</p> <p>At SIO left onto 137° to Voghera VOR VOG 115.50. Ahead lie the Alps and Italy with the Matterhorn on the left at 4478m (14691') and Mont Blanc on the right 4807m (15771')..</p> <p>At VOG right onto 141° for Pisa VOR PIS 112.10 and its leaning tower.</p> <p>At PIS left onto 130° and commence a gentle descent to be level at 8000 by Bolsena VOR BOL 114.40.</p> <p>Finally at BOL head 153° to Rome VOR ROM 110.80 joining downwind for Rwy 33. (No ILS)</p>	19000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description	Altitude
BA115-02	BA115	Rome (Ciampino), Italy To Cairo (International), Egypt	13:50	20:30	LIRA	HECA	1180	<p>Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).</p> <p>Depart Ciampino Rwy 33 and climb ahead on runway heading to 1000 before right onto 136° for Latina VOR LAT 112.20.</p> <p>At LAT ahead onto 131° to Sorrento VOR SOR 112.20 just by the isle of Capri.</p> <p>At SOR left onto 125° to Crotone VOR CRN 117.10 on the sole of the so called boot of Italy.</p> <p>At CRN left onto 102° across the Ionian Sea to Araxos VOR ARA 112.70* and Greece.</p> <p>At ARA right onto 131° to Tripolis VOR TRL 116.20.</p> <p>At TRL right onto 151° to Paleochora VOR PLH 114.60 and the Western end of Crete.</p> <p>At PLH left onto 123° and across the Mediterranean to Alexandria VOR AXD 115.90 and Egypt.</p> <p>At AXD ahead on 126° to Cairo VOR 112.50 and then 187° for Cairo International and ILS 23L 109.50.</p>	15000
BA115-03	BA115	Cairo (International), Egypt To Khartoum, Sudan	21:15	01:50	HECA	HSSS	887	<p>Dep Cairo Rwy 34 turning left onto 183° to Asyut VOR AST 117.70* and up the Nile.</p> <p>At AST turn left onto 171° to Abu Simbel VOR SML 113.50*.</p> <p>At SML ahead onto 175° to Merowe VOR MRW 116.0*.</p> <p>At MRW left onto 164° to Khartoum VOR KTM 112.10 and the ILS for Rwy 36 109.70.</p>	7000
BA115-04	BA115	Khartoum, Sudan To Entebbe, Uganda	02:35	08:25	HSSS	HUEN	945	<p>Dep Khartoum Rwy 36 turning right onto 170° Kenana VOR KNA 115.40*.</p> <p>At KNA right onto 188° for Juba VOR JUB 113.30*.</p> <p>At JUB left onto 169° for Entebbe VOR NN 117.50* just to the North of Lake Victoria and the ILS for Rwy 17 110.70.</p>	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA115-05	BA115	Entebbe, Uganda To Livingstone, Zambia	09:10	14:05	HUEN	FLLI	1204	Depart Rwy 17 turning right onto 229° for Kigali VOR KNM 114.90 and into Rwanda. At KNM turn left onto 193° crossing Burundi for Kalemie VOR KMI 116.30* in the Republic of Congo. At KMI turn left onto 186° for Mansa NDB MA 316.0* in Zambia. At MA ahead on 189° for Ndola VOR VND 112.10. At VND ahead on 190° for Lusaka VOR VLS 113.50. Finally at VLS turn right onto 231° for Livingstone VOR VLI and Rwy 28.	12000
BA115-06	BA115	Livingstone, Zambia To Johannesburg (Jan Smuts), South Africa	15:05	17:55	FLLI	FAJS	524	Depart Rwy 28 turning left onto 163° and into Gabarone for Francistown VOR FTV 112.40*. At FTV turn right onto 180° for Ellisras VOR ERV 116.30 and into South Africa. Finally at ERV ahead on 187° for Johannesburg VOR JSV and Rwy 03L and ILS 110.30.	11000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA116-01	BA116	Johannesburg (Jan Smuts), South Africa To Livingstone, Zambia	00:01	02:50	FAJS	FLLI	525	<i>Operates to London Sundays and Wednesdays</i> Depart Rwy 03 turning left onto 010° for Ellisras VOR ERV 116.30. At ERV ahead on 002° for Francistown VOR FTV 112.40. Finally at FTV turn left onto 345° for Livingstone VOR VLI 112.50* and Rwy 28.	10000
BA116-02	BA116	Livingstone, Zambia To Entebbe, Uganda	09:10	14:05	FLLI	HUEN	1206	Depart Rwy 28 turning right onto 053° for Lusaka VOR VLS 113.50*. At VLS turn left onto 012° for Ndola VOR VND 112.10. At VND ahead on 010° for Mansa NDB MA 316.0*. At MA ahead on 008° for Kalemie VOR KMI 116.30*. At KMI ahead on 015° for Kigali VOR KNM 114.90*. Finally at KNM turn right onto Entebbe VOR NN 117.50 and Rwy 17 ILS 110.70.	11000
BA116-03	BA116	Entebbe, Uganda To Khartoum, Sudan	11:45	15:40	HUEN	HSSS	945	Dep Entebbe Rwy 17 and turn left onto 350° for Juba VOR JUB 113.30*. At JUB turn right onto 008° for Kenana VOR KNA 115.40*. At KNA left onto 351° for Khartoum VOR KTM 112.10 and the ILS for Rwy 18 110.70.	10000
BA116-04	BA116	Khartoum, Sudan To Cairo (International), Egypt	16:40	21:10	HSSS	HECA	885	Depart Khartoum Rwy 18 and turn right onto 344° for Merowe VOR MRW 116.0*. At MRW turn right onto 355° to Abu Simbel VOR SML 113.50*. At SML ahead on 355° to Asyut VOR AST 117.70*. Finally at AST turn right onto 004° for Cairo VOR CAI 112.50 and ILS for Rwy 23L 109.50.	8000

DCA Flight No	BOAC Flight No	From/To	Dep	Arr	From	To	NM	Description Please note that any reference to an NDB that is followed by an asterisk indicates that the beacon will, initially, be out of range (e.g., NDB ALD 383.0*).	Altitude
BA116-05	BA116	Cairo (International), Egypt To Rome (Ciampino), Italy	22:10	03:35	HECA	LIRA	1151	Dep Cairo Rwy 23L and turn right onto 307° for Paleochora VOR PLH 114.60*. At PLH ahead on 305° to Crotone VOR CRN 117.10*. At CRN ahead on 306° to Sorrento VOR SOR 112.20. At SOR turn right onto 311° Latina VOR LAT 111.20. At LAT turn right onto 316° for the Rome VOR ROM 110.80. Have a care on the descent as Monte Cavo is on the descent at 3113' and seeing trees through the flight deck windows could spoil your day!	10000
BA116-06	BA160	Rome (Ciampino), Italy To London (Heathrow), UK	04:35	09:05	LIRA	EGLL	813	Dep Ciampino Rwy 15 and turn right onto Siena VOR SIE 110.20*. At SIE ahead on 327° to Saronno VOR SRN 113.70. At SRN turn right onto 334° to Willislau VOR WIL 116.90 and back across the Alps. At WIL turn left onto 312° to Reims VOR REM 112.30*. At REM turn right onto 320° to Dover VOR DVR 114.95. At DVR turn left onto 282° to Ockham VOR OCK 115.30. Finally at OCK turn onto 001° for London VOR LON 113.60 and ILS for 27L 109.50.	20000

In Memoriam

Aviation was not always as safe as it is today and the pursuit of safe flying has not been without its cost.

Date	Aircraft	Registration	Fatalities	Location	Information
01 June 1943	DC-3	G-AGBB	17	Bay of Biscay	Shot down during World War II
14 August 1946	C-47A	G-AGHT	1	Luqa, Malta	Engine failure after take off
11 January 1947	C-47A	G-AGJX	8	Stowtig, UK	Whilst flying between the UK and Bordeaux, France the aircraft diverted back to the UK due to poor weather at both Bordeaux and Paris. The aircraft crashed whilst attempting to land at Lympne airfield.
14 July 1948	C-47B	G-AGKN	6	Toulon, France	Crashed on approach in poor weather
21 September 1955	Canadair DC-4M	G-ALHL	15	Tripoli, Libya	After 4 missed approaches in poor weather and high winds the aircraft crashed on the final approach 1200 feet short of runway 11.
24 June 1956	Canadair DC-4M	G-ALHE	32	Kano, Nigeria	Crashed on take off in severe weather

Thanks to:

The British Airways Museum

www.bamuseum.com

The Aviation Safety Network, part of the excellent Flight Safety Foundation

www.flightsafety.org