Monday Briefing: New Overflight Map, Typhoon Melor affecting the Philippines

Cynthia Claros
14 December, 2015

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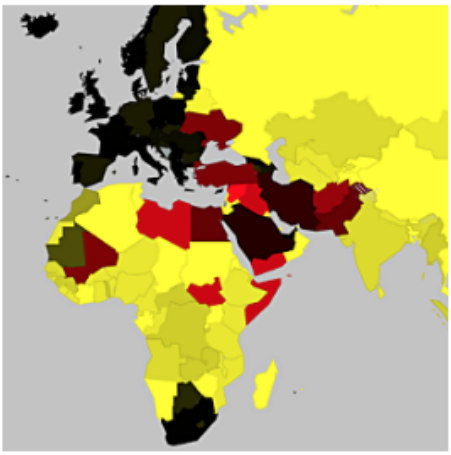

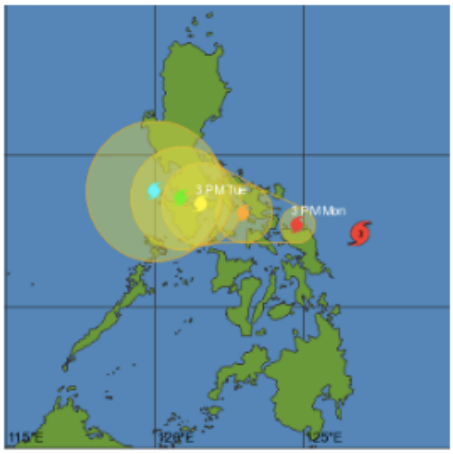

New Overflight Map 14DEC The Airline Cooperative and Flight Service Bureau have finalised the initial version of an online Overflight Permit and Security Map, showing current airspace and security warnings worldwide, together with county by country information on permit requirements. The map is available ot all AO's at **fsbureau.org/map**. Read more below.

Typhoon Melor affecting the Philippines 14DEC the center of Typhoon Melor is forecast to move into the central Philippines (near southeastern Luzon) Monday evening local time as the equivalent of a Category 4 hurricane. The current forecast path indicates the Typhoon moving inland towards Legazpi City, Sorsogon City and Gubat are some of the locations. For more details visit the **Joint Typhoon Warning Center (JTWC).**

EGGX/Shanwick/CZQX/Gander The technical issues affecting the implementation of the RLAT/Reduced Lateral Separation tracks have reportedly been finally resolved and the first publication of the "Half Tracks" is now scheduled for **today**, 14DEC2015.

LFRR/Brest FIR Most sectors regulated day and night due to new software (ERATO) implementation. High delays. The worst delays are in the following sectors: LFRMZSI, LFRJ, LFRN, LFRVKWS. German departures to USA are advised to consider routing North of Brest airspace via NIK (or North of).

OAKN/Kandahar A Taliban attack took place at the airport on 08DEC, with close to 50 fatalities. The attack was a major security breach, as heavily armed militants were able to enter a fortified area supposed to have been made secure by the Afghan National Security Forces (ANSF).

The ICAO Council adopted a new tracking standard for certain international flights that requires crews to report their aircraft's positions at least every 15 minutes. It will become effective in March 2016 and applicable 08NOV2018. The new requirement also will be formalized as Amendment 39 to Annex

6—Operation of Aircraft, Part I. Only aircraft with a maximum takeoff weight of more than 59,000 pounds and a passenger seating capacity of more than 19 are affected by the rule. Also, the requirement applies to over oceanic and other remote areas, and where air traffic service is obtaining position information greater than 15-minute intervals.

Central/South America On 10DEC2015, the U.S. Centers for Disease Control and Prevention (CDC) issued a Level 1 Travel Warning for Mexico, El Salvador, Guatemala, Panama, Brazil, Columbia, Paraguay, Suriname and Venezuela, advising travelers to protect themselves against the Zika Virus. Zika is a viral disease transmitted by the Aedes aegypti mosquito, which also carries the dengue and chikungunya viruses.

KSAN/MMTJ San Diego/Tijuana A new pedestrian bridge spanning the U.S.- Mexico border now connects KSAN/San Diego and MMTJ Tijuana. The airport terminal, called Cross Border Xpress, opened last Wednesday and will improve travel for fliers going from Tijuana to the United States.

Kxxx/United States The U.S. House of Representatives voted in support of a measure to tighten control on the Visa Waiver Program, which allows travelers of certain nationalities to enter the U.S. without a visa. Under the new measure, the U.S. will now require visas for anyone who has traveled to Iraq or Syria in the past five years. The measure requires that all countries participating in the visa waiver program share intelligence with the U.S. regarding possible extremists.

FVFA/Victoria Falls Intl A new international passenger terminal opened at Victoria Falls International Airport (FVFA/VFA) on 02DEC.

Zxxx/China Chinese officials lifted a red alert they had put in place on 7 December after heavy smog greatly reduced visibility throughout the city and increased health risks for anyone venturing outdoors. The smog was so heavy it affected operations at nearby airports. Heavy smog is an annual occurrence in northeast China, and the problem is most severe during the winter months, when the morning fog becomes dense and power plants run at a higher rate to produce electricity for in-home heating. Because of this, you should expect similar alerts to be issued periodically throughout the remainder of the winter.

Yxxx/Australia FIR & Oceanic Changes. REF: AIC H24/14. ADS-B, GNSS and Mode S Transponder Equipment Mandates. Aircraft must be equipped with the mandatory avionics by certain dates. First Implementation date is 04FEB2016.

Cxxx/Canada Nav Canada has issued AIC 30/15 which addresses a proposal for amendment to the International Civil Aviation Organization (ICAO) Global Operational Data Link Document (GOLD) to optimize high frequency (HF) radiotelephony use in the North Atlantic (NAT) Region. The change eliminates NAT Region specific RT phraseology that has been made redundant with the availability of flight data to radio operators.

HCMM/Mogadishu Aden Adden, Somalia On the evening of 13DEC2015, African Union (AU) peacekeepers thwarted a suspected al-Shabaab attack on the Airport. The assailants, who were on speedboats, reportedly attempted to stage a seaborne attack on the facility. Heavy gunfire was reported throughout the encounter. Aden Adde International Airport has not been operational during nighttime hours since 1991. Currently, the airport and its compound host foreign embassies and delegates.

VOMM/Chennai Airport has resumed full operations after recovering from major flooding last week.

View the full International Operations Bulletin for 14DEC2015

Monday Briefing: Northern California airspace changes, Iraq closes airspace below FL300

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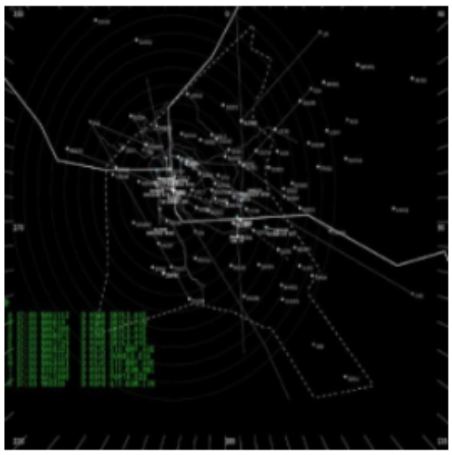

Northern California 'Metroplex' airspace changes 07DEC On 10DEC, several revised and new SIDs and STARs associated with the Northern California Metroplex project will be published. These procedures will be the last major changes associated with the project. You can find the full document covering the changes here.

Iraq closes airspace in Kurdish North below FL300 06DEC Iraq issued a new Notam on 06DEC warning of further Cruise Missile operations below FL310. ORBB A0423/15 states that "Flights operating at FL310 or above, and flights operating at ORBI, ORNI and ORMM are not affected". You can read the full Notam here.

OIIX/Tehran FIR German Authorities published a new Notam last week warning of a risk to flight for aircraft operating in the vicinity of OITT/Tabriz, OITL/Ardabil, and OIGG/Rasht. DFS, the German ATC agency, recommends overflying this general region at FL260 or higher. A6875/15.

Russia/Turkey Effective **01DEC**, Direct non-scheduled flights between Russia and Turkey are banned by decree of the President of the Russian Federation dated 28NOV. Prohibited for all airlines, regardless of the country of aircraft's registration .

VOMM/Chennai Re-opened for 24-hour domestic and international flight operations today, five days after

it was shut due to flooding.

EGGX/Shanwick As of 07DEC, although system testing and acceptance is reportedly finished, no RLAT/Reduced Lateral Separation tracks have yet been published by Shanwick or Gander for the daily OTS. It appears uncertain what the first day of operation will be.

MUHA/Havana, Cuba Hotel Capacity in Havana is under severe strain at present. With increased traffic to Cuba, finding a hotel room is now a regular challenge. Some airline crews have had to be accommodated in Varadero instead, as there were no hotel rooms left in the city. Book well in advance, where possible.

OMxx/United Arab Emirates It has been advised to us, that the requirement for TCAS 7.1 also applies to the Emirates FIR. All aircraft arrivals/departures or those transiting UAE airspace from 01DEC must be 7.1 compliant, or a re-route around UAE airspace will be required. Another option is to obtain a special dispensation to operate, this is available from GCAA in AUH, but is reportedly difficult to obtain. For more details please see the UAE AIP 'Gen 1.5.6.6 Carriage of ACAS-II'.

LIxx/Italy There is a possible suspension of IFR non scheduled commercial traffic to/from LIRF and LIRA on Dec 8th. Please see NOTAM LIXX 1W2845/15 for the official restriction.

LIxx/Italy Ongoing volcanic emission from Mt. Etna may disrupt routings through Italian Airspace. Please check the Toulouse VAAC for the most up to date info.

ESxx/Sweden have been forced to suspend, with immediate effect, flights from northern Iraq to Sweden following a directive from the Swedish Transport Agency (Transportstyrelsen). In a statement issued last week, Transportstyrelsen said the increased military activity across northern Iraq posed a threat to civilian flights thus warranting a ban.

VTxx/Thailand The FAA has downgraded Thailand to a Category 2 after an audit of the country's Department of Civil Aviation (DCA) in October showed continued non-compliance with International Civil Aviation Organization (ICAO) safety standards. The FAA's move comes five months after the ICAO formally instituted a Serious Safety Concern (SSC) against Thailand for failure to adequately address shortcomings identified during a Universal Safety Oversight Audit Programme (USOAP) inspection in January.

MUxx/CUBA Will be reinstating travel permits for doctors. On 01DEC, Cuba announced that it was reinstating the travel restrictions it had previously imposed on doctors, which requires doctors to obtain permission before leaving the country. The restriction had been lifted in 2013, but is now being re-imposed, as the government claims that its universal and free health care services are being "seriously affected" by the number of doctors leaving the country.

Zxxx/China will mandate that its air traffic controllers use only English when communicating with pilots of any airline starting in 2017, according to the Civil Aviation Administration of China (CAAC). The move will improve situational awareness for foreign pilots. Currently, ATC at all airports across China use English to communicate with pilots of foreign airlines and Mandarin with those flying for Chinese carriers.
The CAAC will announce the exact date for implementation later, ensuring the readiness of all stakeholders involved in the process.

ZUUU/Chengdu has completed the on going construction work. The parking bay has been released and is available on a first come, first serve basis. This applies to overnighting aircraft as well.

View the full International Operations Bulletin for 07DEC2015

Monday Briefing: Russian overflights of Ukraine now prohibited, EUR: TCAS 7.1 Compulsary

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14 December, 2015

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All Russian overflights of Ukraine now prohibited 29NOV In a development of the dispute between Russia and Ukraine regarding traffic between the two countries, Ukraine has extended the original ban (which affected specific Russian Airline only) to all Russian registered Aircraft Operators. Notam 2604/15 issued last Wednesday has the specifics.

EUR: TCAS 7.1 Compulsary 01DEC The EASA Mandate for compulsary carriage of TCAS version 7.1 (with changes to “Adjust Vertical Speed” RA and resolution of “Reversal RA” problems) is 01DEC. All operators must have 7.1 on board. Note that this applies also to EU Territories abroad, eg. New Caledonia, Tahiti.

OYSC/Sanaa FIR We’ve received input from a number of US Airlines that although Yemeni landmass airspace is prohibited, operations through the OYSC/Sanaa FIR Oceanic portion are available in accordance with FDC5/5575.

NZAA/Auckland is closed every Monday morning 0130-0430LT for runway maintenance. However, Robin Leach at Air Centre One notes that several aircraft have departed for Auckland with an arrival time during this period resulting in airborne holding. Part of the issue is that a NOTAM is only issued if the work is cancelled; otherwise the (hard to spot) AIP/IFG notes for Auckland apply.

ZBAA/Beijing Chinese Authorities have issued an ‘orange level’ alert for smog on Sunday, with reports that visibility in places is down to a few hundred feet. This alert requires industrial plants to reduce or shut down production. With the current temperatures, Freezing Fog is affecting operations at Beijing Airports.

North Atlantic First day with the new NAT Tracks structure will be 01DEC per advice from NATS and Nav Canada, reporting that previous IT issues with the new tracks have been resolved.

Spain The National AFTN COM Centre is out of action for a few hours on Monday night (after 2100Z), meaning that FPL filing and other AFTN based messaging will be affected for Airports in Spain and the Canary Islands.

Bermuda Transatlantic Operators should note in addition to the new track structure on 01DEC, that Bermuda will be without radar coverage for the afternoon (1200Z-1600Z), and the National Authority there is recommending to avoid Bermuda airspace. A limited non-radar service will be provided, and only airways L459, 461, and 462 are useable if you do overfly. Refer to KZWY A0461/15 for more.

EINN/Shannon is again closed for maintenance this Monday night 01DEC, 2145Z-0500Z; use alternate diversion alternates!

EGLL/London Heathrow has a high risk of regulation for Mon, Nov 30th from 0540-2200Z due to strong winds. Please plan fuel accordingly for possible airborne delays.

HLLL/Libya FIR Due to the recent escalation of the Libyan Crisis all Italian aircraft operators have been prohibited from flying through HLLL FIR. Prior Permission to operate into HL available aerodromes also requires Prior Permission by the Libyan CAA. REF NOTAM A8382/15 which replaced A5637/15.

LFRR/Brest FIR Training and stepped implementation of the ERATO paperless strip system in Brest FIR commenced on 24NOV and will last until 18DEC with significant capacity reductions. A transition period with capacity reductions will follow from 19DEC; this may potentially extend into Summer 2016. Moderate and (in some case) high delays may be expected daily, depending on the sector configuration provided.

LTxx/Turkey In response to the downing of a Russian Fighter Jet, Russia will be suspending the Visa-Free Travel program between the countries effective 01JAN2016.

VICG/Changigarh The new Chandigarh international airport which was originally scheduled to close for runway resurfacing which was estimated to take approx a year will in fact now remain open during the construction. Work to resurface the runway will take place without disturbing the flight operations there.

EIDW/Dublin The DAA and IAA are currently exploring a further reduction in SID separation to 75 seconds (following aircraft given take-off clearance when preceding aircraft reaches 1NM past DER). Ongoing AIM is to reduce further to 60 seconds if possible.

MKJS/Montego Bay The operator of Sangster International Airport, MBJ Airports Limited, Announced that, effective 24NOV, electronic boarding passes will be accepted as part of the security screening process.

DNxx/Nigeria The Nigerian Civil Aviation Authority, NCAA, suspended some oil marketers from supplying Jet A1 to airlines due to a lack of depot facilities. The affected marketing companies include Jushad Oil and Gas Limited, Lubcon Limited, Ascon Oil Company Limited, Acon Petroleum Limited and Star Orient Aviation Limited.

FQNC/Nacala,Mozambique Mozambique's airport management company AdM stated on 24 November 2015 that Nacala Airport is expected to receive the proper certification to service international flights by December 2015. International airlines can begin using the facility by March or April 2016. Nacala Airport was a former military airbase and it opened as a civilian facility in December 2014. However, to date, the airport has only been permitted to service domestic flights.

View the full International Operations Bulletin for 30NOV2015

Monday Briefing: Thanksgiving ATC Traffic Plan, New Missiles Warning – Baghdad FIR

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Thanksgiving ATC Traffic Plan 23NOV The FAA have published details of Traffic Management plans for the east coast of the US during the Thanksgiving holidays, effective 24NOV to 30NOV. The highest volume days will be 25NOV and 29NOV, expect delays on north/south routes to Florida during this period. Read the full details of the airspace initiatives here.

New Missiles Warning – Baghdad FIR 23NOV A NOTAM issued today by the Iraqi CAA indicated anticipated cruise missile traffic across the FIR from the Caspian Sea, leading also to the closure of Erbil Airport until Wednesday. See below for further.

EGGX/CZQX Shanwick/Gander The new NAT Track Structure and Reduced Lateral Separation Minima procdures, initially planned for 12NOV, are now re-planned for Monday 30NOV, following the resolution of computer issues related to the new format.

UIII/Irkustk will close the main runway on 01, 08, 15 and 22DEC from 1210-1450Z for repairs, not available as alternate during these times. As this is a common Polar alternate, check NOTAMS for current information.

UEEE/Yakutsk will close 31DEC-02JAN, not available for movements or as alternate after 0500Z on

31DEC.

EINN/Shannon has a runway closure on 23NOV from 2345Z-0500Z, not available as alternate. Caution before using as NAT alternate on this date. If another ETOPS alternate is required, consider EIDW/Dublin, EGAA/Belfast or EGPF/Glasgow.

ORBB/Baghdad FIR Iraq published the following NOTAM (A0413/15) effective today 23NOV CRUISE MISSILES CROSSING NORTHERN PART OF IRAQ, FROM CASPIAN SEA TO SYRIA,NORTH OF REP OTALO,NO CRUISE MISSILE OPS IN THE REST OF ORBB FIR,FLIGHTS OPERATING AT FL310 OR ABOVE AND FLIGHTS OPERATING AT ORBI,ORNI AND ORMM NOT AFFECTED. SFC – 30000FT MSL, 23NOV 0500Z – 25NOV 0500Z. In addition Erbil and Sulamaini airports will be closed until Wednesday.

OLBA/Beirut FIR Initially issued a NOTAM on 20NOV, closing a large part of the FIR including routes G2/UG2 , R219/UR219, L620/UL620, in response to Russia's request for a training exercise in their airspace. Subsequently the government reversed their decision, and the NOTAM was cancelled on 22NOV, reference A0293/15.

BKPR/Kosovo Airspace to the north of Kosovo was released from UN/KFOR restriction, to Serbian control, on 20NOV, meaning that arrivals and departures from Europe will no longer have to make a circuitous approach and can depart to the north. Procedures are not yet in place, but technically the airspace is no longer restricted. For most operators this will see a route saving of up to 100nm.

GABS/Bamako, Mali. With great sadness we must report that 6 crew members of Volga-Dnepr Airlines were amongst those killed in the attack on the Radisson Hotel in Bamako on Friday.

KXXX/USA Thanksgiving Holidays 26NOV and 27NOV leading to increased traffic flows across US, but anticipated reduced traffic across the NAT region.

KXXX/USA Runway Closures DTW-RWY 4L/22R CLOSED SEA-RWY 16C/34C CLOSED LAS-RWY 7L/25R CLOSED LAX-RWY 6R/24L CLOSED 23/1430

FJDG/Diego Garcia Parking Stands A6-11 and B4-8, as well as some taxiways, closed for repair effected 19NOV.

NWWW/Noumea continues with runway closures 23-26NOV affecting the main runway.

FABL/Bloemfontein, South Africa will not accept widebody diversions 19-26NOV.

GCCC/Canarias FIR will have a HF outage today 23NOV from 0900-1500Z. In case of non-contact, use CPDLC, or HF via Santa Maria or Sal for relay.

LIXX/Italy ATC Strike planned for 24NOV 1200-1600Z has been postponed, refer NOTAM A8227/2015.

HLLL/Tripoli FIR Additional new southbound route available via RASNO UY751 LOSUL, for those operators using the airspace.

LFEE/Rheims ATC Strike 23NOV/0500Z – 28NOV/0500Z Confirmed for Monday only at this time – NOTAM F2093/15 refers. AOs are advised to reroute, avoiding LFEE area of responsibility. Those that are not able to reroute may expect delay.

RJJJ/Japan FIR will have a comms outage affecting Flight Plan filing on 25NOV, from 1410-1720Z. To avoid delays and missing plans, Flight Plans should be filed earlier than normal to RJJJZQZX for overflights and landings. Refer to J7545/15 for specifics.

SPJC/Lima, Peru Effective 12NOV the Location Indicator for the main airport in Lima, Jorge Chavez, changes from SPIM to SPJC.

TTZP/Piarco ATC has issued a request for operators to include KNYCZZZX when filing plans entering New York Oceanic airspace from the Piarco FIR, or operating east of 58W within the Piarco FIR, in order that New York has details of the aircraft.

With regard to business aviation, but equally interesting for airlines and private operators, the NBAA has published a useful list of the Top10 Issues for International Operators in 2016.

View the full International Operations Bulletin for 23NOV2015

Monday Briefing: NAT Tracks Change Postponed, KLAS/Las Vegas restrictions

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14 December, 2015

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NAT Tracks Change Postponed 16NOV The planned implementation of reduced separation in the Organised Track System (OTS) has been postponed. During final testing, a software issued was identified by ATC, and as a result the previous track structure remains unchanged. New waypoints introduced on 12NOV are useable. A revised implementation date is expected to be announced today, 16NOV.

KLAS/Las Vegas restrictions 17NOV Increased traffic from Monday 16NOV due NBAA Conference. Special Procedures in effect from 14NOV-23NOV affecting KLAS, KHND, and KVGT, refer to this NBAA link for details. If you are visiting the NBAA Conference, you can meet the Flight Service Bureau team at stand C12050 in the Central Hall, and collect your free show pack.

KAUS/Austin A technical problem with ATC equipment in the Austin Tracon will likely lead to delays

today; service is being provided by Houston Centre instead, with a Ground Delay Program planned to manage capacity.

KLAS/Las Vegas Increased traffic from Monday 16NOV due NBAA Conference. Special Procedures in effect from 14NOV-23NOV affecting KLAS, KHND, and KVGT. Refer to https://www.nbaa.org/events/bace/2015/air-traffic/. If you are visiting the NBAA Conference, you can meet the Flight Service Bureau team at stand C12050 in the Central Hall, and collect your show pack (you can reserve one **here**).

KXXX/USA Several incidents reported of laser beams pointed at aircraft, on 13NOV Southwest and American were targeted at KPHX/Phoenix, and on 11NOV three aircraft at KDAL/Dallas Love were illuminated.

KXXX/USA Runway Closures BWI-RWY 10/28 CLOSED SEA-RWY 16C/34C CLOSED LAS-RWY 7L/25R CLOSED

KXXX/USA Snowbird 2015: The FAA have published details of Traffic Management plans for the east coast of the US during the Thanksgiving holidays, effective 24NOV to 30NOV. The highest volume days will be 25NOV and 29NOV, expect delays on north/south routes to Florida during this period. Read the full details of the airspace initiatives here.

EINN/Shannon Has an overnight runway closure. from 17NOV-20NOV 2300-0500Z for essential maintenance. If another ETOPS alternate is required on these nights consider EIDW/Dublin, EGAA/Belfast or EGPF/Glasgow.

LFXX/France A Notam issued Friday (A4850/15) regarding Border Controls remains in place, in practice the Notam is a reminder to airlines of existing requirements only. Expect delays due security checks at all French Airports, and many closures of public buildings and transport systems in France.

VLVT/Vientiane, Laos has reopened after a runway closure on 13NOV due to a disabled aircraft. An MA60 had aquaplaned and partially blocked the runway.

MNXX/Nicaragua closed its border with Costa Rica on Sunday 15NOV in response to the wave of Cuban migrants moving northward to the United States. Costa Rican officials had previously issued transit visas to approximately 1,200 detained Cuban refugees at the Panamanian border. One Cuban migrant stated that there were approximately 2,000 Cubans waiting on the Costa Rican side of the Nicaraguan border.

NFFN/Nadi, Fiji Refurbished departure lounge opens today 16NOV; the government will spend another 105 million USD to upgrade the Airport further in the coming year.

PAZA/Anchorage FIR Two new waypoints have been added for Polar operations. Those waypoints are LETUN and BAREK.

LFxx/France ATC Industrial action planned for 17NOV has been cancelled.

LIxx/Italy FIR There has been a call for an Italian National Strike, including ENAV ATC personnel, on 24NOV 1200-1600 UTC. More information will be posted as soon as it is available.

PLCH/Christmas Island As per NOTAM A1581/15 Jet A-1 fuel limited in supply. Sched flights to minimize fuel uplift on arrival or maximize tankering into PLCH. Tech stops cannot be made. In effect until 04DEC.

PKMJ/Marshall Island Construction is planned at the eastern end of RWY25; authorities have notified expected delays of up to 30mins including airborne holding.

FMEE/Reunion Airport will be closed from 16NOV-28NOV on Mon, Weds, Fri for surface work. Airfield cannot be used as an alternate except in case of emergency. All traffic services will be provided normally

for all aircraft crossing La Reunion TMA. Refer to NOTAM A1452/15.

FAA The FAA is rolling out Controller Pilot Data Link Communications-Departure Clearance (CPDLC-DCL). Currently, only George Bush Intercontinental Airport in Houston, TX (IAH), William P. Hobby Airport in Houston, TX (HOU) and Salt Lake City International Airport in Utah (SLC) are operational, however, the FAA plans to bring 56 airports online by the end of 2016. KTEB/Teterboro is scheduled to be operational by the end of MAR2016.

View the full International Operations Bulletin for 16NOV2015

Monday Briefing: North Atlantic OTS Changes, Indonesia Volcano Eruption

Declan Selleck
14 December, 2015

North Atlantic OTS Changes this week 09NOV This Wednesday (12NOV) sees the implementation of the new NAT Track OTS, marking the first change to the lateral structure since the tracks were introduced in 1965. New requirements include RNP4, and 24 new Oceanic Entry Points come into effect. See below for further.

Indonesia Volcano Eruption 09NOV Operations into WADD/ Denpasar, Bali continue to be disrupted due to ongoing eruption of Mt. Rinjani on Lombok Island. Also affected are nearby WARB/Blimbingsari and WADL/Lombok.

EINN/Shannon FIR CPDLC service is withdrawn on the evening prior to implementation of the new NAT

Track system, voice service only from 1715Z onwards on 11NOV.

LGGG/Athens FIR Strike of Greek Radio Operators (thereby including AFTN messaging, and AFIS) announced this morning for 12NOV. Overflights will not be affected. Full details here.

HESH/Sharm el-Sheikh remains open but subject to multiple advice notices from international Authorities. Many airlines have cancelled operations into the airport after increasing suspicions that a bomb was loaded here onto the A320 which crashed into the Sinai Desert.

HLLL/Tripoli FIR Libya has issued updated advice regarding airport availability – HLLQ, HLTQ and HLZW are only available for international arrivals, daylight hours only. PPR and Permit is required prior operations.

SCFZ/Antofagasta ACC, Chile. Crews on Airways UL780 and UL302 are requested to inform ATC of any speed changes greater than .02 Mach; if unable on VHF, use HF 10024. The procedure is to ensure separation between succeeding aircraft operating on CI speeds.

SBXX/Brazil The Brazilian Grand Prix takes place 13-15NOV making Sao Paulo operations at SBSP/Congonhas, SBGR/Guarulhos, and SBKP/Campinas busier than usual.

RPLL/Manila, Philippines APEC 2015 Summit being held 17-20NOV. Check restrictions, many commercial flights have been suspended during this period. Parking at a premium. Consider quieter alternates such as RPLC/Clark.

YXXX/Australia Australian Border Force strike commencing midnight 09NOV across Australian airports. As a result, departure and arrival processing at Australian airports may take longer then usual.

WADD/Denpasar, Indonesia Operations here continue to be disrupted due to ongoing eruption of Mt. Rinjani. Also affected are nearby WARB/Blimbingsari and WADL/Lombok. For updates monitor http://www.bom.gov.au/products/Volc_ash_recent.shtml

LIXX/Italy Possible ATC strike on 14NOV 1200-1600Z announced.

KXXX/US Airport Runway closures: BWI-RWY 10/28 CLOSED SEA-RWY 16C/34C CLOSED LAS-RWY 7L/25R CLOSED

KLAS/Las Vegas NBAA 2015 will take place 17-19NOV limiting airport capacity.

HECC/Cairo FIR, Egypt Point PASOS (LCCC FIR) is again available in both directions for flight planning. Please be aware flights departing OLBA via LCCC must file via VELOX-PASOS. Also see HECC NOTAM 1A277/15 and 1A278/15 for flight planning guidance.

VHHH/Hong Kong Arrival and Departure delays up to 30 minutes can be expected due to a flight check and maintenance on RWY 07L/25R on 09NOV 0530-0100 and 10NOV 2300-0100.

Caribbean Tropical Weather Advisory Shower and thunderstorm activity is showing signs of organization in association with a low pressure system located just north of the Turks and Caicos and the southeastern Bahamas. A tropical depression or a tropical storm is likely to form on Monday while the low moves west-northwestward to northwestward near or over the central and northwestern Bahamas. For further details see National Hurricane Center

KLAX/Los Angeles Due to military operations of the coast of LAX there is a risk of arrival delays and reroutes during the overnight periods until Nov 12th.

MWCR/Grand Cayman may be forced to shorten the runway at Owen Roberts International Airport (MCWR/GCM). The runway, which was extended to accommodate long-haul flights, may have to be

shortened in order to accommodate a 400 ft/124 m safety area. An extension of the runway cannot be further extended, and the airport authority is examining all options.

CYYQ/Churchill has amended opening hours 1200-2200Z M-F.

PKWA/Bucholz has revised ATC hours from 01NOV, 0800-1230 and 1330-1600LT.

NWWW/Tontouta has a main runway closure 09-12NOV at various times, some daytime. Check NOTAM 1543/15.

EGPF/Glasgow is closed overnight 22NOV-11DEC for runway and taxiway repairs.

DRRR/Niamey Ouagadougou ACC is now operational H24 again; the previously implemented contingency plan for traffic operating outside ATC service hours is withdrawn.

View the full International Operations Bulletin for 09NOV2015.

Monday Briefing: Sinai Airspace avoided, Low Vis creates day of chaos

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14 December, 2015

INTERNATIONAL BULLETIN	ISSUED BY FLIGHT SERVICE BUREAU
	SITA HNLFSXH AKLFSXH AFTN KMCOXAAL
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02NOV2015 HECC/Cairo has requested that traffic through PASOS point on the boundary with LCCC/Nicosia FIR be rerouted, effectively closing airway UL550 and the Sinai peninsula. Shown on radar image above, most traffic is avoiding the area that an A321 crashed in on Saturday. No definite link is being made but Authorities and Operators are naturally cautious.

02NOV2015 Conditions perfect for fog across the UK and western Europe are causing widespread delays this morning. Unusually, almost all airports from EGCC/Manchester to EDDF/Frankfurt are affected by the same conditions, with many airports down to 100 metres vis. Most not accepting diversions. See below for

further.

EXXX/Europe High delays in most Airports in a square containing EGCC/Manchester, EBBR/Brussels, EDDF/Frankfurt, and EDDH/Hamburg. Total of approx 120,000 slot delay minutes in Eurocontrol system. Other high delay airports include EHAM, EGLL, EGKK, EGSS. Check NOTAMs as most are not accepting diversions either. Fog forecast to be similar again overnight.

VTBB/Bangkok FIR A minimum departure interval of 4-8 minutes between same direction departures is in force from 30OCT for aircraft departing VTCC VTCT VTUU VTUD VTSP VTSG VTSF VTSB VTSM AND VTSS. Delays during peak hours are expected.

UUBC/Grabtsevo New Russian Airport now fully operational with 2200m runway (12/30) and able to accommodate international traffic up to A320/737 size.

UHSS/Yuzhno Sakhalinsk, a common Polar alternate, is closed due runway repairs 1200-2100Z until 01DEC and therefore not available as ALTN for Flight Planning.

NTTA/Tahiti will be without radar on 03NOV after 1800Z. As with all radar outages there is potential for delays and restrictions.

KXXX/USA Runway current closures: BWI-RWY 10/28, SEA-RWY 16C/34C, LAS-RWY 7L-25R.

KSFO/San Francisco will close Taxiway Q and B on 07/08NOV to resolve a pavement issue. This will create a one-in-one-out restriction for aircraft taxiing to and from all gates west of Taxiway Q1. Specifically, this will affect United Airlines, SFOs largest customer, as a majority of its gates are west of Q1. Additionally, the proximity of the closure area to Taxiway B1 will render B1 unusable due to insufficient wing tip and jet blast clearance with the construction area. The loss of Taxiway B1 means that access to the end-around Taxiway Z will be unavailable.

HKXX/Kenya No longer possible to obtain a visa on arrival for passengers. Must now be arranged prior to arrival online at https://account.ecitizen.go.ke/register.

SOOO/Cayenne FIR, South Atlantic – Aircraft not FANS 1A equipped, east of 50W in the Cayenne FIR, can now expect a maximum level of FL310 westbound.

EXXX/Europe The European Business Aviation Association (EBAA) is providing a new tool to calculate Passenger Taxes payable in EU countries. The “PaxTax” tool calculates the total passenger tax for the flight, and breaks down the cost for both departure and arrival for the respective national taxing authorities.

YBBN/Brisbane New $45m international terminal opened 28OCT after 18 months of construction. The facility can handle 7.5m pax annually.

VNxx/NEPAL Fuel supply update: China will supply fuel to Nepal for the first time ever, in response to a dire fuel shortage caused by disrupted supply lines with India. China will supply 1.3 million liters of gasoline, which will be transported to Kathmandu from the border via 100 tanker trucks. Please continue to check local NOTAMs for fuel availability.

DNxx/Nigeria FIR Widespread reports of a strike forcing the closure of Nigeria’s airspace have been deemed unreliable, per the Nigerian CAA. There is unrest and occasional industrial action, but no risk of airspace being closed.

Timezone Changes As DST ends in the Northern Hemisphere, series of clock changes completed on

01NOV as US ended Daylight Savings. Most of Europe completed theirs on 25OCT. Most northern countries are now on Standard Time.

View the complete International Operations Bulletin for 02NOV2015.

Monday Briefing: NAT Track Changes, Russia-Ukraine airline ban

Declan Selleck
14 December, 2015

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26OCT2015 In around two weeks time, significant changes will occur to the design and structure of North Atlantic Tracks (NAT OTS), which have existed in their current lateral structure since the OTS introduction in 1965. The key changes are: a reduction in separation to '**half-track**' compared to the existing structure, introduction of **24 new Oceanic Entry Points** (OEP's), and a new requirement for **RNP4**. A special briefing on these changes is below.

26OCT2015 With effect from yesterday, almost all Ukrainian and Russian airlines are barred from each others airports and airspace. Ukraine issued a sanctions list in September barring all except one Russian airline from operating, and in return Russia banned the three Ukrainian airlines from operating to Russia. GA, Business Aviation, and non-scheduled flights are not affected.

EGPX/Scottish FIR High delays this morning 26OCT in Scottish airspace due to ATC radio system failure. EGPF/Edinburgh airport departures were suspended, now resumed, with enroute traffic rerouted to avoid Antrim, Galloway, Tay, and Talla sectors. Situation is slowly improving but potential for afternoon delays exists.

KORD/Chicago O'Hare There will be a TFR in effect for Oct 27 and Oct 28 due to VIP movement. Please see NOTAM 5/1931 for further details.

MMXX/Mexico The impact of Hurricane Patricia was less than feared. MMPR/Puerto Vallarta Airport, MMZH/Ixtapa, and MMZO/Manzanillo have all reopened and are operating normally.

KXXX/USA Current runway closures: BWI-RWY 10/28 CLOSED, IAD-RWY 01R/19L CLOSED, DTW-RWY 03R/21L 09L/27R CLOSED, SEA-RWY 16C/34C CLOSED

NAT/North Atlantic ASD15 Exercise Trident Juncture (At Sea Demonstration) military exercise until 31OCT. The designated firing areas incorporate elements of Scottish FIR/UIR, Shanwick and Reykjavik FIR as well as notified UK Danger areas. Flight planning restrictions will be applied affecting NAT Traffic on northerly routes, monitor NOTAMs.

South Pacific Tropical Cyclone Season 2015-16 begins on 01NOV. Tropical cyclone warnings in the South Pacific region, please consult the Joint Typhoon Warning Center, Fiji's regional meteorological center responsible for tropical cyclone warnings in the South Pacific region, or Australia's Bureau of Meteorology.

View the full International Ops Bulletin for 26OCT2015.

Monday Briefing: North Atlantic Changes, Caspian Sea Missiles

Declan Selleck
14 December, 2015

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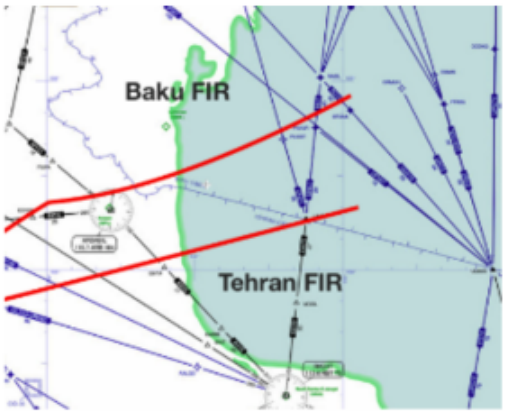

19OCT2015 Flight operations in the NAT region will see significant changes in around three weeks time, including new 'half-degree' NAT tracks, new Entry Points in Gander and Shanwick OCA's, and several procedural changes. A Special Bulletin with plotting chart, summarising the changes, will be issued by Flight Service Bureau next week.

19OCT2015 Last week 26 cruise missiles were launched across International air routes in Azerbaijan, Iraq, and Iran, with reports suggesting 4 did not travel as intended. The risk to aircraft operators is summarised in our International Ops Notice 10/15, see below for details.

RPHI/Manilla FIR, Philippines Typhoon Koppu has maintained its strength as it continues to move northward with slightly increasing forward speed along the shores of Ilocos Sur, Luzon. Current location (1200Z Monday) is to the west of RPLI/Laoag Airport. It is forecast to weaken to a Tropical Storm within 24 hours. No reports of airports affected so far.

OMDW/Dubai World hosts Dubai Airshow 08-12NOV. Landing Permit required for all flights, 3 days processing, standard documents and requirements. Slot required for OMDW, window +/- 5mins. Show details at www.dubaiairshow.aero

OPRN/Islamabad, Pakistan closed 1300-1800 daily due runway works 18-28OCT.

SEXX/Ecuador A new DGAC resolution now effective permits non-scheduled aircraft to land without a Landing Permit as long as the aircraft is operating under private ops, will not stay longer than 72 hours in Ecuador, and visits only one location in Ecuador. The official document is here (in Spanish).

VHHH/Hong Kong with effect 25OCT (IATA Winter 2015) will amend slot issuing procedures to give priority to operators with higher capacity aircraft, and where same types conflict for the same slot time, lower noise levels.

LIXX/Italy ATC Strike confirmed for 24OCT (Saturday) 0800-1600, service will be provided to Overflights and Intercontinental flights only.

LTXX/Turkey Traffic operating through the south eastern part of Turkish airspace to/from Tehran and Baghdad FIRs should check Notams for restrictions. Several restrictions up to FL310 due to military operations.

EGXX/Shanwick Large scale Military Exercise ‘At Sea Demonstration’ ASD15 affecting OEP’s ERAKA and GOMUP starts on 19OCT.

LFxx/France Datalink implemented from 22OCT LFRR/Brest and LFBB/Bordeaux ACC from 0900L. Initial phase, no ACL (Clearance via CPDLC), and aircraft must be on Eurocontrol whitelist. Ref France AIC A22/15.

VNXX/Nepal continues to experience shortages of fuel due to a halt in shipments coming from India. Available fuel for domestic airlines is rapidly decreasing, and authorities worry that domestic flights will soon be unavailable. The Nepalese government has requested that international airlines carry return fuel or refuel at airports en route, as Tribhuvan International Airport (VNKT/KTM) has no available fuel.

View the full International Ops Bulletin for 19OCT2015.

Monday Briefing: Iraq aircraft ban list

Declan Selleck
14 December, 2015

Iraq: Ban list extended Oct 1st: The list of aircraft banned from operating in Iraqi airspace now included

the following: B737-200, B727-1 and -200, Antonov 12, 24, and 26, and the Tupolev 154. Recently, Russia also moved to end the commercial flying career of the smaller Tu-134 by 2012, as a result of safety concerns about the aircraft. Iraq has also a published list including 30 countries that must undergo more rigorous checks before being approved to fly within the Baghdad FIR.

US Restrictions

KPHX-RWY 7R/25L CLSD UNTIL 2200
KBOS-RWY 15R/33L CLSD UNTIL 11/30
KCLT-RWY 5/23 CLSD UNTIL 10/6; RWY 18C/36C CLSD UNTIL 11/15
KMDW-RWY 13L/31R CLSD UNTIL 10/28
KDEN-RWY 8/26 CLSD UNTIL 10/12

KZNY/New York ACC ZNY-OCEANA (QVC) RADAR OTS 15-19Z, SEE ATCSCC ADVZY 018

LFTZ/St. Tropez, France No arrivals permitted Thursday 6th 1240-1530 due to Airport meetings. See NOTAMs.

LGGG/Greece FIR Staffing problems continue. Wednesday 5th strike affects all Greek airports – overflights OK. Thursday outlook is good with 5 sectors operating for LGGG FIR and 3 for LGMD. Minor delays only in Rodos sector from 0600Z. LGZA, LGSA arrivals may be regulated.

LLBG/Tel Aviv Ben Gurion and LLLL/Tel Aviv FIR closed on 07 and 08 Oct for public holiday. Israel Airspace closed 07 OCT 11Z – 08 OCT 18Z. Airport same closure time, first arrival 1930Z, first departure 2030Z on the 8th Oct.

MHTG/Cenamer FIR – Central America Upper Airspace Introducing RNAV5 routes in Nov 17th. 14 new routes will be established. Equipped aircraft should show “R” and “Z” in Field 10, with Field 18 showing NAVI/B1 with B1-B6 showing the type of equipement on board.

FACA/South Africa CAMU (Flow Control) web access undergoing software upgrade 05 Oct 18Z – 00Z, interruption to service likely.

Australia No Delays at primary airports, ops normal.

HDTC/Dar es Salaam, Tanzania The minimum altitude for the arrival routes ETKOP1 (ETKOP-LOSIN) and EVATO 1A have been raised from 10,000 ft to 12,000 ft with effect from October 4th. This info may not appear in NOTAMs.

Flight Planning: Eurocontrol. If you’ve been trying to plan a flight across the EYVL/Vilnius FIR, Lithuania – you will have received an error message that prevents the plan being filed. See this note: VALIDITY FROM : WIE UNTIL 20/10/2011. BECAUSE OF A PROBLEM IN CFMU DATABASE WITH THE DEFINITION OF EYVL UIR, FPLS VIA UL732, UL736, UM870, UM983, UN994 RAISE AN RVSM ENTRY/EXIT CONDITION ERROR. FPLS WILL BE MANUALLY ACCEPTED BY THE IFPS STAFF. THE SYSTEM WILL AUTOMATICALLY INCLUDE THE COMMENT – THIS FPL DOES NOT COMPLY WITH EUR RVSM REQUIREMENT – IN THE ACK MESSAGE AND INSERT IFP/RVSMVIOLATION IN FIELD 18 OF THE FPL, EVEN THOUGH THE FPL IS RVSM COMPLIANT. THE PROBLEM IS FIXED FOR AIRAC 1111.

ORBB/Baghdad FIR Baghdad Control is now responsible for Balad APP – frequency 128.2

SPIM/Lima, Peru Struggling with Airport capacity. A variety of significant restrictions for General Aviation, Non Scheduled, and Cargo flights go into effect Oct 4th. Check carefully with your handler or dispatcher as all movements should be co-ordinated at least 24 hrs in advance from now on.

TTZP/Piarco FIR HF Remains out of service, with all contact through New York Radio instead.

Clipperton Oceanic – a shark infested radio station

Declan Selleck
14 December, 2015

Marisa Brook writes: ” For a tropical island, Clipperton doesn’t have very much going for it. The tiny, ring-shaped atoll lying 1,000 kilometres off the southwest coast of Mexico is covered in hard, pointy coral and a prodigious number of nasty little crabs. The wet season from May to October brings incessant and torrential rain, and for the rest of the year the island reeks of ammonia. The Pacific Ocean batters the island from all sides, picking away at the scab of land that rises abruptly from the seabed. A few coconut palms are virtually the only thing that the island boasts in the way of vegetation. Oh, and the sea all around is full of sharks. It isn’t much of a surprise that Clipperton Island is decidedly uninhabited.”

It’s definitely an interesting place. The history surrounding its Air Traffic Control, is equally intriguing.

In 1967, according to an entry on Wikipedia, the Soviet Union launched a takeover bid for their airspace – the Clipperton Flight Information Region.

There are two anomalies here. First, the ratio between the island itself, and the airspace that is owns, is huge. Clipperton Island is 6 km2. The airspace is 1.8 million square kilometres.

Second, Clipperton Island lies – only just – outside the Clipperton FIR. In 1937, when a Radio Service was first provided here, the island was the closest to the chunk of airspace that it served, giving the airspace its name.

Business was good, for a while – Clipperton Oceanic provided a Flight Information and Weather service on HF to aircraft crossing the Pacific Routes. But, according to the (brief) “History of Clipperton Oceanic“, written by P.G. Welkins in 1971, :

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"Operations at Clipperton Oceanic ended in 1958, as the HF service
offered by Tahiti Radio was seen as sufficient, and funding
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provided by American, French, and British governments was stopped. AFTN circuits were disconnected, and the ICAO code NPCX assigned to Clipperton Flight Information Region was withdrawn from use. Staff at the Oceanic Facility were reassigned to Birdlip, in the UK – later to become Shanwick Aeradio."

Welkins also records the last transmission from the operators at Clipperton in 1958:

The last transmission from Clipperton Radio was made on August 28th, 1958:

ALL AIRCRAFT
THIS IS
CLIPPERTON RADIO CLIPPERTON RADIO CLIPPERTON RADIO
THIS IS THE LAST BROADCAST FROM CLIPPERTON RADIO. FOR 21 YEARS WE HAVE SERVED THE AVIATION COMMUNITY. WE SAY THANK YOU TO ALL WHO HAVE SUPPORTED AND USED OUR STATION. WE ARE PROUD TO HAVE BEEN PART OF A HISTORIC ERA IN PACIFIC DISCOVERY.
THE MANAGER AND RADIO OFFICERS WISH YOU FAREWELL FROM
CLIPPERTON RADIO/CTX

And there ends the aviation history of Clipperton Oceanic.

The island itself, though – has more to tell. It's actually named after an English Pirate, John Clipperton – who in his activities attacking Spanish targets on the west coast of the Americas, used Clipperton Island as a base from which to stage his attacks and store loot and supplies, fortifying Clipperton Rock and expanding its cave network. That was just the start of a long and interesting history – for which it is well worth reading Marisa's article in full.

Monday Briefing: Typhoon Vongfong, Hajj 2014

Declan Selleck
14 December, 2015

08OCT2014: Typhoon Vongfong is making its way toward the U.S Northern Northern Mariana islands of Guam, Rota, Saipan, and Tinian. Typhoon Vongfong notably increased in strength between 0300 and 0900 UTC on 07OCT, north of Yap and had maximum sustained winds of 120 Kts and gusts of 145 kts. Vongfong is expected to reach Super Typhoon status within 24 hours. Meteorologists forecast it will continue moving west-northwest for 36-48hs and then turn north and begin to weaken. There are currently no NOTAMs detailing any closures or restrictions. Tropical Storm Simon is currently off the West coast of Mexico and is continuing to weaken as it makes its way towards landfall. It is not affecting operations.

08OCT2014: Hajj 2014 Routes and temporary regulations have been implemented ahead of the 2014

Hajj season. All flights originating from West and Central West Africa have a set of dedicated routes. Operators must advise the following FIR's a minimum of 10 days in advance of the intended operations and include full aircraft details, schedule, and RVSM approval status: Algiers, Accra, Brazzaville, Dakar, Jeddah, Kano, Khartoum, N'Djamena, Niamey, Roberts, and Tripoli. For a full list of requirements and route details please refer to the AIP Supplement.

Exxx/Europe The deadline set by the European Commission for operators to be ADS-B compliant has been delayed until June 8th, 2016 for new aircraft and June 7th, 2020 for aircraft being retrofitted.

UKFV/Yevpatoria Center has published a new list of route closures extending till the 30th of December, a geographical representation of the closures can be found here.

BGGL/Sondrestrom FIR has published new addresses for the Rescue Coordination Center (AFTN BGGHYCYX, Email:rcc@naviair.dk, Telephone/Fax +299363318/+299363319), Communications Center (AFTN BGGHYFYX, Telephone +29936330428), and Flight Information Center (email fic@navair.dk, Telephone/FX +299363304/+299363309)

HECC/Cairo advises that all flight plans must be submitted in the proper format as outlined in the AIP no later than 150 mins prior to estimated time of block and no earlier than 24 hrs prior to estimated time of block.

SBGR/Sao Paulo General aviation and airlines preforming cargo charter or cargo operations must inform airport officials (+551124454313) prior to operation who the handling company will be and intended time on the ground. Aircraft falling into category A-B must advise at least 6 hrs in advance, aircraft falling into category C-E at least 24 hrs in advance, until the 15th of Dec.

MYEM/Governors Harbour has no JET-A or AVGAS available until the 30DEC.

MMSD/Los Cabos will only be open for government and humanitarian flights from 1300-2359 until 08OCT; may continue.

Mexico CAA reminds operators to carefully review that their flight plan complies with active airways, NOTAMS, and military exclusion zones before filing. Failure to do so will result in the flight plan being rejected.

URSS/Sochi Ahead of the 2014 Russian Grand Prix the airport advises that operators planning on flying into Sochi from the 6th of Oct until the 16th of Oct will require to obtain an arrival and departure slot from the airport authority. Cargo operators will have disclose the full details of the cargo contents to secure a slot. Any operator in excess of 30 mins either prior to ETA or after ETD will require a new slot, failure to do so will result in a fine. Parking limitations will also be imposed during this time, aircraft with an MTOW of 35-70 tons are allowed to park for a maximum of 30 mins, all heavier aircraft are allowed up to 2 hrs.

DNMA/Maiduguri is now closed to all civil air traffic due to the increased security concerns.

West Africa/Ebola Update. Advice is against all non-essential travel due to the outbreak of the Ebola virus. Efforts to contain the outbreak are resulting in critical commercial and transportation disruptions in all three countries. Cameroon Officials have closed all borders with Nigeria and suspended all passenger flights to/from Nigeria due to the ongoing Ebola virus outbreak. Cape Verde Through 21 November, officials are prohibiting entry of any foreign non-resident who has visited any country affected by the hemorrhagic fever caused by the Ebola virus in the last 30 days. Cote d'Ivoire Commercial airliners are prohibited from carrying passengers from Guinea, Liberia, Sierra Leone, and Nigeria to Cote d'Ivoire due to the Ebola virus outbreak. All passengers will have their temperature checked upon arrival from any destination. Senegal Departures and arrivals from Senegal to Guinea, Liberia, and Sierra Leone are prohibited due to the Ebola virus outbreak.

Monday Briefing: Tripoli Airport Destruction, Israel Uncertainty

Declan Selleck
14 December, 2015

Tripoli Airport Destruction 24JUL Since fighting began over a week ago, some reports indicate that 80-90% of the aircraft currently parked at the airport have been damaged. Libyan authorities have indicated that repairs to the airport and ATC infrastructure will take months to repair.

Israel Uncertainty Continues 24JUL – Operations to LLBG/Tel Aviv and Israel in general continue to be fluid. A rocket strike some days ago landed within a few miles of the airport; airlines responded by suspending services. The operational risk needs to be closely monitored.

HLLL/Libya According to our latest information, the only International airports that are currently open within Libya are HLLQ and HLTQ between 0700Z-1900Z. If permission is given to operate into these airports there are mandatory routings to follow.

LIML/Milan The airport will be closed daily between 2130-0400z from 21-31JUL.

EGFF/Cardiff All non scheduled traffic requires prior notice from 02-06SEP. Operators must contact Airport Coordination Limited at manchester@acl-uk.org or at +441614911850.

VABB/Mumbai In attempt to reduce airspace congestion and arrival delays within the Mumbai TMA, ATC will only accept flights with pre approved arrival slots between 1545Z-1745Z for flights originating within India.

ZSHA/Shanghai FIR Typhoon Matma is making its way towards mainland China after Taiwan. Delays and reroutes can be expected and those planning to operate within this area are advised to check daily notams for the latest reroutes.

LLOV/Ovda Cargo operations have been suspended until the end of July; only passenger flights will be accepted.

URKK/Krasnodar has new runway open from today 24JUL, 05/23 Center. The previous runway 05R/23L is closed.

Singapore There are new permit regulations in practice that apply to charter and air ambulance operations. Operators are now required to apply for a “Operations Permit” and “Air Transport Permit” before they will be given arrival slots. An Operations Permit must first be obtained before an Air Transport Permit can be granted, and this replaces the requirement for a landing permit. These new regulations do not apply to aircraft planning a tech stop within Singapore.

India says within the next 6 months nationals of 40 countries will be able to obtain an E-Visa that will be accepted at 9 airports. A list of nationalities and airports will be published soon.

Monday Briefing: Libya airspace closed, MAS17 Ukraine Special Report

Declan Selleck
14 December, 2015

Libya airspace closed 18JUL Since 14JUL international overflights are not permitted over Libya due to security concerns raised since the rocket attack on Tripoli last week. Only a small number of airports remain open in the country, see below.

MAS17: Ukraine Special Report 18JUL – Following the tragic loss of MAS17, authorities have been quick to close portions of Ukrainian airspace and provide re-routing options. See below for a special briefing; a PDF is also available.

HLLL/Tripoli FIR Effective 14JUL no international overflights are permitted over Libya due to security concerns. All international flights departing to/from any airport within Libya will require prior permission. Applications should be made via email at naser.mohamed@caa.ly, fax +218213618075, or via AFTN: HLLTYAYA. If permission is given there are now mandatory routings to and from HLLQ and HLTQ. HLLB, HLLT, and HLLS are closed UFN.

LCCC/Nicosia FIR Due to the large increase in military activity within this FIR, delays can be expected UFN for all flights destined to OLBA and LLBG. OLBA departures flying to/via Egypt exiting Cyprus airspace over LAKTO or PASOS are restricted at the rate of 1 departure every 25 minutes.

UKxx/Ukraine FIR's There are two distinct areas at issue in the Ukraine. Simferopol FIR is closed to international traffic since 03APR due to a dispute between authorities over control. Dnipropetrovsk FIR has had the eastern half closed by the Ukrainian CAA on 18JUL following the shootdown of MAS17. Most operators are avoiding the entire FIR. The remainder of the Ukraine FIR's are open (L'viv, Kiev, Odessa) with overflight risk minimal, but many operators avoiding entire country. Heaviest Traffic flows are via G724 (North) and UL852 and UP975 (South). Russia will accept reroutes by FPL for an interim period without permit required. Recommend check with ATC Duty Manager +7 495 601 0776. Turkey requires a permit for all overflights. Russia reports no capacity issues in Rostov FIR due to additional traffic to the east of Ukraine. We recommend to monitor Eurocontrol NOP Portal for current information.

LLLL/Israel FIR Due to the ongoing conflict in the region J5, J10S, and J9 have been closed and all aircraft are being diverted along other airways within LLLL FIR. There have also been mandatory adjustments made made to all STARS and SIDS into LLBG.

FOON/M'vengue, Gabon – JetA1 fuel will not be available from until September earliest.

SAEF/Ezeiza ACC until 05AUG at 0500z, flow control will only be accepting 1 aircraft every 10 minutes regardless of the entry point. Humanitarian, state, and international flights with more than 2 hrs flight time are exempted.

OAKX/Kabul ACC- ATC has advised that all aircraft entering Kabul FIR at or below FL290 from the west between SOKAM on V338 and RANAH on V838 , must now contact Kabul ACC on 121.725.

OMAE/Emirates FIR Starting 16 JUL until 16 OCT all aircraft departing from OMAA, OMAD, OMAL, OMAM, OMDB, OMDW, OMRK, and OMSJ will require a departure slot time between 0430-0730 and 1500-2359

DNMA/Maiduguri will be closed to all civil air traffic until September earliest due to security concerns.

EGNT/Newcastle Due to the Sunderland Airshow all aircraft require prior permission from 25JUL/1100z until

28 JUL/1100z.

VYYY/Myanmar A live fire drill exercise will be taking place on July 24th between 0730-0815Z which will close the airport.

South Africa Starting October 1st 2014, new visa regulations will require all parents or guardians accompanying children to carry an unabridged birth certificate and passport. This applies to all tourists.

Hong Kong – In attempt to improve the local noise environment the Civil Aviation Department will be implementing the termination of slot allocations for aircraft that fall into the category of "Marginally Compliant Chapter 3" (MCC3). Aircraft that generally fall into this category are B727, B737-100, B737-200, B747-100, B747-200, B747-300, and DC10's. Slots for Winter 2014 will not be given between the hours of 2300-1459z for aircraft that fall into this category.

Mexico The DGAC has revised the restrictions that were imposed in April on non-revenue business flights. Under the previous regulation any aircraft placed in a charter management company structure were prevented from operating privately in Mexico. Under the revised regulation, which is retroactive to 03JUN, U.S. and foreign-based operators flying aircraft on a charter certificate but conducting private, non-revenue operations to Mexico have been given a reprieve from cabotage rules.

Monday Briefing: Atlantic Storm, Peru Airspace changes

Declan Selleck
14 December, 2015

First 2014 Atlantic storm 02JUL Tropical Storm Arthur, which may become a hurricane by 04JUL, is the first of the 2014 Atlantic Storm season, and is tracking north east along the coast of Florida. FAA Telcon today at 1230Z.

Peru Airspace Changes 02JUL Peru will introduce significant changes to the airspace configuration and ATS route structure in Lima, Arequipa, Cusco and Pucallpa on 24JUL. AIP Amdt 18/14.

Kxxx/USA Tropical storm Arthur lies off the coast of Florida this morning, with sustained winds of 40 knots and a tracking speed of 2-3 knots. Forecasters are suggesting it has the potential to become a hurricane with landfall in the Carolinas. An FAA Telcon is running at 1230Z and 2200Z today, phone +1 540-359-3200 PIN 2333#.

The holy month of Ramadan started on 29JUN, affecting operations to and over all Islamic countries where CAA's will be working reduced hours. The period moves forward by a couple of weeks each year. This year it will run until 27JUL.

PKMJ/Majuro ExxonMobil will be unable to fuel during their monthly tanker replenishment from 29JUN-02JUL. An alternative Pacific fuel stop is recommended during this period.

LIRP/Pisa, Italy had a radar failure on the morning of 02JUL, traffic is regulated until late afternoon, with moderate delays.

EINN/Shannon will be closed on the night of 04JUL until 1am local for a charity event. During this period

consider EIDW/Dublin as an alternative for North Atlantic alternates.

EFTU/Turku, Finland is temporarily shut down from 30JUN-27JUL 2014 for a four-week renovation process. The renovations include the airport's terminal facilities and traffic areas. Four new aircraft parking spaces will be built as well.

UUDD/Domodedovo Due to Airport reconstruction heavy aircraft types are not permitted to operate during the period 27JUN-30SEP; specific exclusions are: B747, B757, B767, B777, B787, A310, A330, A340, A380, AN124, IL96, TU204, and TU214.

UMMS/Minsk 2- The airport will be closed from 1810-1830z from 01JUL-03JUL, 2110-0120Z on 04JUL, and 2110-0200Z on 11,18, and 25JUL.

DIAP/Port Bouet is closed to all traffic from 0230-0800Z on 02, 03, 04, and 06 JUL.

FAWW/Sodwana The airport will be completely closed from 12JUN-08SEP

FMMO/Maintirano Jet A1 will not be available from 14JUN-14SEP, due to upgrades taking place at the fuel facility.

VMMC/Macau – The airport will be closed on Sundays, Tuesdays, and Thursdays from 2000-2200 from 29JUN-28SEPT.

YPXM/Christmas Island will now be closed 2300-1100z 05JUL-07JUL, and 08JUL-10JUL

NVVV/Port Vila Until 10JUL, Jet A1 will not be available here to non scheduled flights.

MYEM/Governors Harbour has no fuel available until 30SEP

Gambia From 06JUN until 07SEP the issuing of overflight and landing permits at GBYD (Banjul International), will be handled by the department of Flight Safety Standards (DFSS).

United States Independence Day is celebrated on 04JUL and as such all public offices will be closed.

Australia The full procedures for the upcoming G20 conference in November have been published. The event is scheduled in Brisbane between 15-16NOV2014 , although special operating procedures will take place from November 11-18NOV2014. All the details are outlined in their latest AIP Supplement H62/14.

Monday Briefing: Belgium ATC Strike, France Delays

Declan Selleck
14 December, 2015

Possible Belgium ATC Strike 25JUN A decision is expected by 1000Z today on possible Industrial Action in Belgium. If it goes ahead, it will start at 1500Z with sporadic work stoppages rather than a blanket closure.

France Strike: High Delays 25JUN Wednesday will see extensive delays again through French Airspace, with over 300,000 delay minutes already showing in the slot system. Re-route options are published

though these will also be subject to CTOT delay. Further below.

LFXX/France The strike is continuing as planned, and although Union negotiation is taking place, there is no indication that it will not continue for the full 6 days originally forecast. For tactical information and re-route suggestions, use the Eurocontrol NOP. A teleconference will take place this afternoon European time at 1100Z. Dial-in number: +32 2 401 54 26. Participant PIN code: 38557308#.

EGCC/Manchester and EGLL/London Heathrow are not available as alternates during the period of the French strike.

NTAA/Tahiti is renewing the runway from mid July to beginning of January 2015 and specific opening hours will apply from this point onwards. Direct arrival in Bora Bora or any other island is possible with an advance notice of 21 days.

TNCA/Aruba will be closed daily until 1100Z until 01JUL.

EINN/Shannon Airport will be closed on the night of 04JUL from 2145-0100Z due to the main runway being used for a charity event. Operators using EINN as a North Atlantic alternate should consider EIDW/Dublin instead during this period.

FMEE/Reunion Island Volcano Piton La Fournaise on Reunion Island has erupted although there is currently no ash plume reported.

DIAP/Abidjan The airports' only runway will be closed 24-29JUN from 0230-0800Z.

DAAA/Algiers Area Control Centre has a new combined telephone and fax number from 24JUN: + 213 23 90 76 10.

FEFF/Bangui, Central African Republic extends Jet A1 unavailability until end of July.

HDAM/Djibouti has their Independence Day on 27JUN. No traffic is permitted to operate overnight, until 1000Z.

HSSJ/Juba has advised that runway maintenance will begin at 1300Z each day 01JUL, closing the main runway.

MZBZ/Belize is taking their SSR radar off the air for the month of July, meaning a procedural only approach control service and likely delays during high traffic periods.

French Polynesia effective 25JUN new phone numbers are in place for Tahiti and all French Polynesia islands. Mobile numbers have an "87" added after the country code, land line numbers have a "40".

Monday Briefing: Iraq Concerns grow, Monsoon Rains in Manila

Declan Selleck
14 December, 2015

Iraq concerns grow 17JUN ORBM/Mosul is closed, but other airports remain open. Heavy fighting near Baghdad this morning gives concern to Ops into ORBI/Baghdad Int'l. Overflights unaffected. Further

briefing below.

Monsoon rains affecting Manila FIR 17JUN Daily reroutes are in effect within RPHI/Manila FIR due to heavy monsoon rain and storms. Multiple routes are tactically reroutes on a daily basis.

ORBB/Baghdad FIR. The situation in Iraq is escalating quickly. As of 17JUN, all airports remain open except ORBM/Mosul, but security concerns at all airports are high and ops should be carefully assessed. Reports of an attack on ORBI/Baghdad on 16JUN were deemed false but the risk remains high. Overflights are unaffected so far, though prudence may dictate a reroute away from the trouble areas at lower levels. There are frequency issues in the western part of the Baghdad FIR, 129.1 is operating at reduced range west of position GIBUX. The advice to leave/avoid Iraq remains clear; US Embassy staff were evacuated from Baghdad on 16JUN to Consulates General in Basrah and Erbil and Iraq Support Unit in Amman.

LOVV/Vienna FIR reports several cases of 'radar interference', and the same is also true for a number of other Central European FIRs. Eurocontrol NM has started an investigation.

YPDN/Darwin has a number of F18 flypasts on the afternoon 21JUN, potential for delay.

LLBG/Tel Aviv Update to GA restrictions at Ben Gurion – 0450-0800, 1400-1800, and 2300-0140 local, due to traffic congestion. Parking is not permitted for longer than 03 days.

UGTB/Tbilisi Runway 13R/31L, the airports only runway, will be closed every Wednesday from 0800-1400 and every Friday 1400-1959 02JUL-03OCT.

LFMN/Nice is closed 2000-0400Z from 16JUN-21JUN.

SPIM/Lima From 09JUN-14JUL all flights departing to Brazil will be subject to slot allocation due to the FIFA World Cup.

DRRM/Maradi from 12JUN-12JUL the airport will be closed to all traffic.

Algeria The latest situation with Algeria overflight permits is as follows: During period of Eurocontrol member strikes affecting adjacent FIR's, overflight is permitted with notification only by FPL. Outside these times, Passenger flights require prior approval from the CAA, and this can only be obtained during office hours, starting at 8am. Short-notice permits for emergencies and medical flights can be issued by the ATC centre at Algiers, but routine flights will only be processed during office hours.

Kazakhstan says it plans to drop visa requirements for visitors from 10 countries for a one-year test period. Effective 15JUL citizens of the United States, the Netherlands, the U.K., France, Germany, Italy, Malaysia, the United Arab Emirates, South Korea, and Japan will be able to enter and stay in Kazakhstan without a visa for 15 days. Foreign visitors holding passports from those countries who want to stay longer will be obliged to apply for business or investors' visas.

United States The U.S. Department of Transportation's Federal Aviation Administration has authorized for the first time the use of drone over land with the issuance of a permit to use unmanned aircraft systems (UAS) in mapping oilfield pipelines, equipment and roads in Alaska.

Monday Briefing: Karachi Airport Attack,

Italian Strike

Declan Selleck
14 December, 2015

OPKC/Karachi open after attack 09JUN The Taliban attack on Karachi's International Airport will keep OPKC on the 'avoid' list for a long time to come. The airport reopened at 1100Z today but 07R, the closer runway, remains closed.

Italian strike goes ahead for 11JUN 09JUN An ATC strike in Italy is going ahead as planned 1030-1430Z on Wednesday. Overflights and Intercon arrivals not affected. Other international arrivals must land by 1100Z.

OLBA/Beirut, Lebanon ATC strike 0800-1000Z on 10JUN announced on Sunday. Traffic into and out of the main airport suspended, but overflights not affected.

SPxx/Peru Significant airspace restructuring coming to Peru on 24JUL. There will be new airspace configuration and major changes in the TMA's of Lima, Arequipa, Cusco , Pucallpa, Chiclayo, Trujillo and Piura. Check charts are current.

MPZL/Panama FIR A reminder from ATC that Flight Plans must be filed in the new ICAO 2012 format and that the DOF code must be inserted into the plan , flight plans submitted with a DOF exceeding 24 hrs will not be accepted

SLVR/Santa Cruz, Bolivia Arrival and departure slots will be in force from 13JUN-16JUN due to the G77 developing nations summit. An alternate option may be SLCB/Cochabamba, 180nm away.

CZQX/Gander OCA – some feedback from Gander since the NAT changes on 29MAY. Aircraft exiting the NAT westbound at an OEP/Oceanic Exit Point other than the one initially filed, should always route to the landfall point associated with the new clearance. Expect an onward clearance after that landfall point. Also, co-ordinates should be carefully cross checked in the FMS, the shorthand N5450 format can lead to Nav errors.
East Africa – Kenya, Rwanda and Uganda have just introduced the East Africa Tourist Visa, which allows multiple entries among the three countries for a period of 90 days for $100.

United Arab Emirates – 10JUN-12JUN Abu Dhabi is hosting the largest event on the IATA calendar, the biennial Slot Conference, which will attract nearly 1,000 delegates from over 200 airlines as well as representatives of over 60 airports. The conference aims to help airlines and airports worldwide obtain slots towards offering the best possible schedules for their customers.

FASZ/Skukuza (Kruger Park) – Starting 04JUN prior notice for landings must be obtained at least 2 working days in advance. Requests must be submitted in writing and addressed to Skukuza airport management either by fax or email. Penalties for non-authorized landings will be levied.

Monday Briefing: Darwin closed, Ukraine

Uncertainty

Declan Selleck
14 December, 2015

YPDN/Darwin closure after Indonesia Eruption 02JUN Darwin Airport closed this weekend due to a large volcanic eruption form Sangean Volcano in Central Indonesia. The plume initially reached FL100 before drifting south. Some flights started operating again Monday.

Ukraine Uncertainty Continues 02JUN Following a further week of unrest in Ukraine, per Eurocontrol the following airports still remain closed: UKCC/Donetsk, UKFF/Simferopol, UKFB/Sevastopol, UKCM/Mariupol.

HEAT/Asyut, Egypt will be closed until at least May 2015 due to renovations.

OIIE/Tehran, Iran In remembrance of the 25th anniversary of the death of Ayatollah Ruhollah Khomeini all air traffic in the Tehran province will cease from 0745 until 1200 local time (0315-0730 UTC) on 4 June 2014. The air traffic suspension will affect eight airports.

HRYR/ Kigali, Rwanda Rwy closed 0000-0430Z until 11Jun due repairs.

Indonesia Sangean Volcano in central Indonesia erupted Friday 30MAY, initial plume to FL100, traffic in Brisbane, Melbourne FIR's also affected. YPDN/Darwin was closed for the weekend and slowly reopening Monday 02JUN. Local airports nearby also closed, 7000 evacuated.

EGNS/Isle of Man Red Arrows Display 03JUN at 1815Z, all movements at EGNS suspended during this time; delays expected.

RCKH/Kaohsiung, China The ATC folks are running a 2 hour tower evacuation drill during the afternoon of 12JUN. Delays are expected.

Libya – Due to ongoing security issues HLLS/Sebha remains closed until 10JUN, and HLLB/Benina closed until 15JUN, earliest.

TNCC/Curcacao will be closed daily from 0300-1100Z 09JUN until 27JUN

UKOV/Odesa FIR A new VHF Volmet is in operation from 01JUN on 126.375, reports available for Odesa and Simferopol FIRs, and Odesa, Kyiv, Chisinau, Bucharest, Constanta, and Istanbul.

VDPP/Phnom Penh Flight checks – delays can be expected for arrivals and departures. JUN 03-08 0200-1000Z.

DTTC/Tunis Flight crews are warned that they may encounter laser beams or other bright lights in flight.

Mexico Effective 25APR there are some significant changes to the Mexico Permit process. 1. No charter operations will be allowed to operate to Mexico as a private non-revenue flight – all flights are treated as charter. 2. Operators can apply for blanket permits to cover the fleet, but these take 3-4 months. 3. Single Trip Permits can be approved within 5 days. 4. These permits allow for the operator to fly to multiple destinations within Mexico, as long as no new passengers are acquired throughout the trip.

Greek Islands A Eurocontrol phone conference with Aircraft Operators was held on 28MAY to discuss the restrictions this coming summer. You can listen to a playback of the recording here.

Wallis and Futuna Customs and Immigration now require 48 hours PN at NLWW for all international flights.

Russia Not strictly aviation specific but effective 01JUN Russia has banned smoking in all restaurants, cafes, bars, and airports, trains, hotels, and ships.

Special Report: North Atlantic Changes

Declan Selleck
14 December, 2015

North Atlantic Changes

This coming Thursday, 29MAY2014, **Gander Control** will implement a number of changes in their airspace on the Canadian Seaboard that will affect the structure and design of NAT Tracks, and Oceanic Flight Planning with immediate effect.

Removal of the Fish Points

On 29 MAY the following waypoints **will be deleted**: URTAK, BANCS, RONPO, COLOR, NOVEP, VIXUN, LOGSU, KOBEV, CYMON, DENDU, DOTTY, CRONO, HECKK, REDBY, CARPE, STEAM, OYSTR, VALIE, SCROD, and LOACH.

Introduction of Gander Oceanic Transition Area

Because of new ADS-B coverage in the area between Canada and Greenland, the boundary between Domestic and Oceanic airspace is being shifted around 175nm to the east, creating a new Oceanic Transition Area known as GOTA.

New NAT Track design – Eastbound

Currently, NAT Tracks have a anchor point and an Oceanic Entry Point (OEP) – like **VIXUN LOGSU 49N50W.** Starting 29MAY, the Track will be built using only an OEP and a 50W point – in this example **JANJO 49N50W.**

New NAT Track design – Westbound

A westbound NAT Track used to run 50W – Oceanic Exit Point – Landfall, for example**54N50W CARPE REDBY NAR123A**. From 29MAY, there will be a 50W point and a dedicated Oceanic Exit Point, then straight into either FPL route or a NAR. Example, **53N50W RIKAL NAR302D.**

New Oceanic Entry Points

With the removal of the Fish Points, and other long-known waypoints, a completely new list of Oceanic Entry Points (OEP's) has been created by Gander. They start at AVPUT in the far north and run down to SUPRY. On our Planning Chart, they are highlighted in yellow.

Changed Blue Spruce Routes

The southern Blue Spruce Routes (for reduced Nav capability) now run as follows:

- OZN-59N50W-ALTOD-PRAWN-YDP

- OZN-59N50W-CUDDY-PORGY-HO
- OZN-58N50W-HOIST-YYR

More information

- Refer to Nav Canada **AIC 20/14** for the full list, and for complete information about the change.
- Get a copy of our **North Atlantic Planning Chart**

Monday Briefing: Atlantic changes, Thai Coup

Declan Selleck
14 December, 2015

Big changes on the North Atlantic 26MAY The famous 'Fish Points' in the Gander OCA will be largely removed this week as the Domestic/Oceanic boundary shifts eastwards. More below.

Thai Coup Restrictions 26MAY Curfew continues to be in force 2200-0500 daily in Thailand. All Airports operating normally, travel to/from Airport during curfew hours requires travel documents.

AGGH/Honiara Due to recent civil disturbances following disastrous flooding in Honiara and general unrest, operators are advised to avoid overnight stops at this location. Consider overnighting at NVVV/Port Vila.

WIHH/Halim (Jakarta) is closed 1500-2200Z daily until 24JUL due to runway repairs.

YSNF/Norfolk Island JET A1 fuel supplies were expected to return to normal on 24MAY after being unavailable due to a contamination issue. Check and confirm fuel availability prior departure.

EHAA/Amsterdam FIR From 29MAY14 the Eurocontrol IFPS Flight Planning computer will automatically check all FPL's for 8.33KHZ equipment in the Netherlands in all IFR airspace, not just above FL195 as previously.

NZQN/Queenstown A new FBO/Corporate Jet Terminal has been newly opened for business. Known as Queenstown Corporate Jet Services, it is the only FBO currently operating at NZQN.

UMMM/Minsk 1 Airport will be closed from 31MAY 0600Z until 01JUN 1730Z. This is the downtown airport, not the larger International Minsk 2.

FEFF/Bangui has no JETA1 available until the end of June at earliest.

AYPY/Port Moresby reports an increase in the use of laser beams pointed at aircraft, exercise caution.

NFFF/Nadi FIR Airline operators/pilots intending to operate into Fiji domestic airspace or to transit the Nadi FIR should include their 24-Bit address in the field 18 for ATS surveillance purposes.

BIRK/Reykjavik Airshow on 29MAY, delays into the airport can expected from 1200-1600Z.

PKMJ/Majuro (Marshall Islands) has no fuel available from 24-28 May.
TRAFFIC RIGHTS, PERMITS, REGULATORY News

Venezuela update. An overflight permit is not required prior to airspace entry, but for any aircraft that has operated in the region in the past, it is essential to check your account status with the CAA (INAC) beforehand. Airspace entry denials for unpaid bills are now commonplace.

Monday Briefing: Kenya concerns, Serbia flooding

Declan Selleck
14 December, 2015

19MAY Operators have cancelled flights to **HKMO/Mombassa** amid increasing terrorist concerns in the north-east of Kenya; some have repatriated tourists mid-stay. The US Embassy is reducing staff numbers.

19MAY **Catastrophic flooding in Serbia and Bosnia** has led into increased aid traffic at LYBE/Belgrade and delays and parking restrictions may apply; the flooding is the worst since records began.

LYBE/Belgrade is seeing increased traffic due to aid activity as a result of flooding in the country. Delays of up to 2 hours for non-scheduled traffic possible.

LSGG/Geneva – anticipate high traffic volume and some delays due to EBACE traffic 20-22MAY. Aircraft static display is open on 22MAY.

SKCG/Cartagena, Colombia has restrictions until 28MAY requiring non-scheduled operators to seek permission at least 24H before arrival (though longer is recommended) SKBQ/Barranquilla is a sensible alternate during this period.

VYYY/Yangon, Myanmar is closed 29MAY 0730-0815Z for a live fire drill.

EGLL/London Heathrow ATC Regulation Trial continues, with a pre-tactical EGLLTC regulation of 52 aircraft per hour in place 0400-0800 daily until 31OCT.

HLLB/Benghazi, Libya closed until further notice due to security situation.

LDPL/Pula, Croatia is closed 23MAY 1600-1800Z due emergency exercise.

LIML/Milan Linate will close overnight for runway repairs between 03JUN-04JUL.

ULLI/St. Petersburg SPIEF International Economic Forum 21-24MAY. Refueling is available only on arrival and crews must be at the airport no less than two hours ahead of their departure time. Slots allocated to allow approx 10 arrivals per hour for the Forum. No overnight parking is available for unconnected flights during this period.

UKxx/Ukraine FIR’s (L’viv, Kyiv and Dnipro FIRs) Several airline reports of loss of GPS signals flying through this airspace.

Brazil has issued airport slots for World Cup 2014 on 15MAY, most are allocated already. An AVANAC domestic operating permit is required for all operators before a slot can be requested. Slot validity is 15

minutes. All pax and most crews will require a visa before arrival during World Cup operations – there is no possibility to obtain on arrival.

European Union The European Commission has adopted a new regulation that requires commercial air transport (CAT) operators from outside the European Union (EU), also known as “third-country operators” (TCOs), to obtain a single EU-wide safety authorization to fly to, from or within the EU. The registration requirement applies to CAT TCOs, who must demonstrate to the European Aviation Safety Agency (EASA) compliance with ICAO standards. CAT operators include all airlines and charter operators. The TCO authorization is a single process for all operators flying to the 28 European Union states, EU overseas territories and the four European Free Trade Association (EFTA) states (Iceland, Liechtenstein, Norway and Switzerland). The authorization will be a prerequisite to operating in these states and territories. A TCO authorization is not required for operators only overflying the EU member states, EU overseas territories and the four EFTA states. All existing operators must reapply for authorization, even if they hold authorization from individual EU member states. The regulation is in effect from 26MAY and EASA recommends approval be gained within 6 months.

Turkey The previously announced Turkish e-Visa scheme, abolishing Visa on Arrival, scheduled to become effective 10APR14, has been postponed until 31DEC14. https://www.evisa.gov.tr/en/ for an e-Visa.

United States The FAA’s Flight Standards Service (AFS) has created OpSpec/MSpec/LOA A153, a new and more efficient operations authorization for U.S.-registered aircraft in order to comply with early automatic dependent surveillance – broadcast (ADS-B) directives mandated by a growing number of other countries, primarily in the Asia-Pacific region. The new approval is in the final stages of development and is expected to be available to operators at the end of June 2014.

Belarus A visa-free regime will be in place for the official participants of the 2014 IIHF Ice Hockey World Championship and foreign tourists for the period from 25 April until 31 May 2014. An original or electronic ticket to a game of the 2014 IIHF Ice Hockey World Championship will become the basis for a visa-free entry in the territory of Belarus for tourists.

Monday Briefing: Confusion over Crimea, Kosovo Upper Airspace reopens

Declan Selleck
14 December, 2015

Confusion over Crimea: Special Report Apr 3 : Simferopol ACC re-opened 03APR creating confusion as to who should be providing ATC service in the Crimea region. We have published a Special 6 page International Ops Notice (03/2014) “2014 Airspace and Regulatory Changes in Crimea”.

Kosovo Upper Airspace re-opens Apr 3 : After 15 years, the last remaining chunk of European airspace closed to overflying traffic in the Balkans has reopened. The KFOR sector over Kosovo became available on 03APR, with route savings immediately apparent to operators.

Kxxx/USA Operators should be aware of the new FAA ATC phraseologies effective 03APR. The FAA will implement “climb via” phraseology and procedures for departure operations consistent with existing “descend via” phraseology and procedures. “Climb via” and “descend via” are abbreviated ATC clearances

that require compliance with the procedure's lateral path, associated speed restrictions, and altitude restrictions published on the SID or STAR. Some good information at http://www.nbaa.org/ops/cns/pbn/climb-via/

LLOV/Ovda, Israel will be closed to all flights 01MAY-07MAY

DGAA/Accra, Ghana Until 23JUN, The main runway (03/21) is open daily from 0500-2300Z only; no traffic accepted outside these hours.

LFMN/Nice Change in parking procedure; if approval is granted for parking, but operator changes to another, larger aircraft, then the previous approval will be cancelled. Co-ordinate all aircraft changes with Airport Ops.

YPXM/Christmas Island has reopened after the recent Cyclone in the Indian Ocean.

OSDI/Damascus FIR – For those still overflying, Syria has closed airway L513 from BURSA to LEBOR UFN.

HSSM /Malakal, South Sudan is only accessible with permission from the government security services. This is very difficult to obtain and makes the airport effectively shut.

HSWW /Wau, South Sudan is open without any specific additional permission being required.

MGGT/Guatemala City ChevronTexaco, for any fueling on the east and military ramps from 0900-1600 LT, requires a minimum of 24 hours' notice.

HLLS/Sebha, Libya remains closed until 07APR.

CAA Closures. Myanamar has an extended closure due to public holidays from 12-21APR. The Chinese CAA are celebrating National Tomb-Sweeping Day on 07APR.

UK Charter Permits. Significant changes to the approval process for Landing Permits for the UK will take effect on 06 APR. CAA will take over the responsibility for issuing approvals from the Department for Transport (DFT). Also, previously, a cabotage objection could be raised by a group of UK Charter Operators – this is removed. A fee is likely to be charged by the CAA for permits from this point forward.

Turkey. Effective 10APR2014 Visa on Arrival is no longer available at Turkish Airports. Visitors must apply online through https://www.evisa.gov.tr/en/ for an e-Visa.

Australia. A reminder to all operators who are not ADS-B equipped, of the restrictions when operating into Australian Airspace effective from 15DEC13. If you not ADS-B equipped you must file with CASA, a Form 208 exemption application 14 days in advance of proposed operations into Australian Airspace. Then operations will be confined to the SSR radar coverage area extending from 200 nm north of Cairns down the East coast to 200 nm west of Adelaide. This is commonly referred to as the J curve. If you intend operating into the Brisbane or Melbourne FIRs from the west and north west of Australia, and are not ADB-B equipped you will be required to operate at FL290 or below.

Special Report: Crimea and Simferopol FIR

Declan Selleck
14 December, 2015

Crimea & Simferopol FIR
Following the recent events in Ukraine and Crimea, we received a high volume of requests for information on the airspace and current situation. The information below is a majority extract from our International Ops Notice 03/14 published on 05APR.

SUMMARY

Effective April 2014 a significant number of changes will affect Airports and Airspace in the Crimean Peninsula.

BACKGROUND – What happened?

Following the removal of Ukrainian President Viktor Yanukovych on 21 February, Russia moved to take control of Crimea, an autonomous republic that until now has been part of Ukraine. While the referendum that ceded authority is disputed internationally, Crimea is now under de facto control of Russia, creating a political standoff with Europe and the US that has led to a complicated airspace situation.

AIRSPACE AND AIRPORTS INVOLVED

- **Simferopol FIR** A large and significant FIR covering busy Black Sea routes, with a predominant east/west flow, with ATC service provided from Simferopol Airport.
- **Simferopol Airport** A large airport in the centre of Crimea with International and Domestic Air Service, with TWR/APP
- **Sevastopol Airport** A smaller civil, domestic airport beside the town of Sevastopol in the southwest of Crimea, with TWR.
- **Zavodskoe Airport** Another smaller domestic airport beside Simferopol, with an AFIS Unit.
- **Kerch Airport** Used only by general aviation, currently bankrupt.

Some History – MARCH DEVELOPMENTS

- **13 March** Russian troops took control of the Towers, Airports, and ATC Centre. Simferopol and Sevastopol closed to civil traffic. ATC Service from Simferopol was terminated.
- **14 March** ATC Service for the Simferopol FIR is now provided by other ATC Centres in Ukraine. Odesa took control of the western portion (Sectors 3,4,5) and Dnipropetrovsk the eastern portion (Sectors 1,2)
- **16 March** Referendum held in Crimea, result determines wish to join Russia.

Current Status – CHANGES SINCE RUSSIAN CONTROL OF CRIMEA

- **24 March** Rouble adopted as official currency of Crimea
- **24 March** Russian Passports issued to existing population. Russian Visa required to enter for

non-Ukrainians/Crimeans

- **31 March** Clocks move forward 2 hours, Crimea is now on Moscow time
- **03 April** Simferopol ACC re-opens, providing ATC Service in the Simferopol FIR
- **03 April** Permit now required to enter Airspace over Crimea, according to NOTAM from Russia

Simferopol ACC

The Simferopol FIR is normally controlled from an Area Control Centre located at Simferopol Airport. It was closed on 13 March (picture taken same day) when Russia took control of facilities in the peninsula, and service for the FIR was provided using remote radar data by Ukrainian controllers from Odesa and Dnipropetrovsk.

At 10am on 3 April Simferopol ACC was reopened, managed by a new service provider called "Krymaeronavigatsiya". The controllers in the centre are mostly the same controllers that operated Simferopol ACC for the Ukrainian National Authority.

To reactivate control of the airspace from Simferopol, Russia issued several NOTAMs on 28 March which were subsequently disputed by Ukraine and Eurocontrol. This has led to an unsafe situation leading to an ICAO letter and recommendation to avoid the Simferopol FIR until the situation is resolved.

NEW ICAO CODES

URFB Sevastopol Belbek (was UKFB)
URFF Simferopol (was UKFF)
URFV Simferopol FIR/ACC (was URFV)

* *Issued by Russia, not (yet) recognised outside Russia.*

Aircraft Reports

Since the re-opening of Simferopol ACC on 03 APR, Eurocontrol has rejected FPL's containing routings through the Simferopol FIR with the exception of the **L851** airway which runs along the southern part of the FIR.

Traffic operating through the Simferopol FIR on Friday 04APR reported issues with "Joint Authority":

B747 enroute Europe-ME:
"*Instruction from Bucharest ACC to contact Odessa on 134.675*
On initial contact with them, they advised us to comply only to their instructions!
Then Simferopol ACC calls on 121.5 and advised to switch on 120.4.
Also they advised us to comply only to their instructions!
Both performed radio check to see if the aircraft is still on frequencies Both provide instructions (position report), fortunately the same."

CL601 enroute LOWW/Vienna-URKK/Krasnodar
We were passed onto Odessa Radar and checked in with them. We were then told to maintain our altitude and also warned NOT to get in contact with Simferopol as it is not a legal ATC station.
We were also given another frequency in case we lost comms with Odessa.
We were contacted on 121.5, the emergency frequency by Simferopol advising us to contact them on their

frequency numerous times. We decided as a crew to stay with Odessa. We were then passed onto Rostov control and continued the flight with no incident.

ANALYSIS

At present, there is effectively a stand off between Russia and Ukraine over recognititon of who is the rightful Authority to manage the airspace over Crimea. Russia has determined that it is Simferopol ACC, and is providing full service for the airspace from the existing ATC Centre. Ukraine, through Eurocontrol, determined that it should continue to provide service from remote sites, and therefore asserts its authority over the airspace.

The result, is that two Authorities are both stating claim over what has become Disputed Airspace, in a very similar situation to that in Northern Cyprus. So, who is right? There is no correct answer. The political situation is complex at present, and it difficult to determine what the future will bring.

Purely on a practical analysis however, it can be said with relative certainty, that Crimea will remain under Russian control, and it is likely to be a matter of time before Russian managed operation of Simferopol ACC is accepted internationally, either on a safety case or a relaxing of political stance.
Until such time, operation within the Simferopol FIR is operationally possible but carries with it the risks associated with Disputed Airspace.

Questions and Answers

What's happening?
Russia has claimed territorial control over Crimea, leading to the reopening of Simferopol ACC after a three week closure, and the same claim over airspace. Ukraine, under a new government, has defied the move, issuing its own NOTAMs to declare Russia's move invalid.

Can we enter the Simferopol FIR?
In short, Yes. The airspace is not closed. However, it's probably not a good idea, if you can avoid it. Two countries have claimed authority over the running of ATC – Russia and Ukraine, and there is no clear winner. For some operators there will be no choice but to enter, so see below for advice.

Can I file a flight plan to enter the Simferopol FIR?
Yes, if you're outside Europe. However, any FPL filed within the IFPS Region (ie. Eurocontrol) will be rejected if it contains a routing through the Simferopol FIR.

What if we decide to enter the airspace? Are there any sanctions or restrictions?
No, there aren't any legal or diplomatic sanctions preventing this, only Flight Planning restrictions from Eurocontrol. On the first day that Simferopol ACC was open, 145 flights were handled through the FIR, primarily non-European operators. If you do enter, we recommend:

- Two VHF sets – one on Simferopol frequency, one on Odesa or Dnipropetrovsk frequency
- Contact and remain in contact with both controllers, as long as possible
- Fly standard levels, do not request a level change
- Monitor TCAS
- Consider any instruction to change level or routing carefully, and coordinate with both ATC's.

Is this is the same situation as Ercan (Cyprus) ?
Kind of. Since 1974 there has been Disputed Airspace over the northern part of Cyprus, and two stations vie for control of the airsapce – Ercan and Nicosia. However, there are a couple of important differences. First, ICAO has declared it's recognition only of Nicosia, this is not the case in Crimea, where ICAO has only said it's unsafe at present, so avoid. Second, there are clear instructions for crossing that airspace – for

Crimea, at present, there are no procedures – again, only an advice to avoid.

Do I need a permit to enter Simferopol FIR?
Not at present, but this could change fast. Officially, Russia has declared the FIR to fall under the same rules as the rest of Russia, which means that a permit should be required to enter the airspace. However, there are two complicating factors.

1. A number of "Non-Sovereign routes" run through the Black Sea that Russia does not require a permit for (as the next sector is Rostov-on-Don airspace), requiring only advance notification to UUUWZDZX. Simferopol FIR would likely follow the same logic, though this has not been published.

URRV FIR (Rostov) Non- Sovereign Routes
GAMAN G277 BANUT
OLENA R230 LAMET A277 BANUT
BANUT A277 LAMET R230 OLENA
BANUT B147 TISOM
SOBLO B143 IDLER

2. The second factor is that the confusion at present is allowing leniency for overflight permits. However, if the situation is resolved with Russia being recognised as the sole controlling Authority, then flights over Crimean landmass will absolutely require a permit to overfly.

What about the Airports in Crimea? Is Simferopol open?
Yes, Simferopol is open to civil traffic, and a permit is required from the Russian Authorities. The process follows the same procedure as in the rest of Russia, with local Crimean approval, and also Federal approval required. Sevastopol is lesser used in any case, but may be available.

Is there any security risk in overflying Crimea?
No. The situation on the ground in Crimea is very stable, and there is no determined risk of any ground-air strikes or anything affecting security of flight.

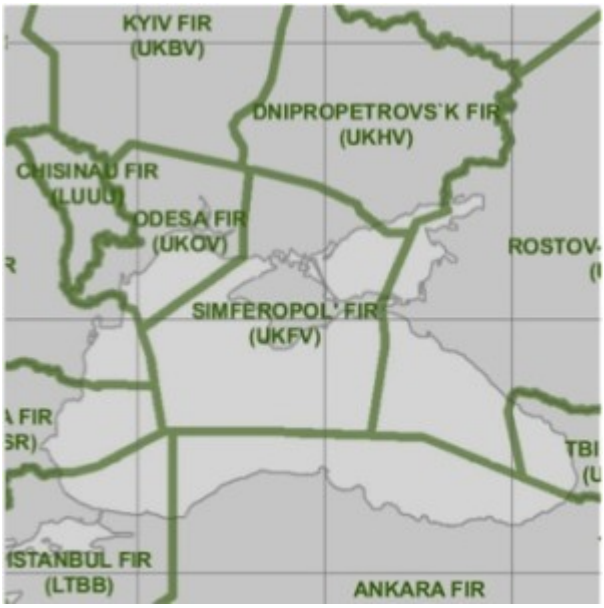
Is there a safety risk in overflying Crimea, or entering the Simferopol FIR?
At the moment, yes. There is a risk level, although relatively minimal, due to the potential for confusion as to the correct controlling authority. The risk is highest near the airspace boundaries with other Ukrainian sectors. There is likely to also be an increased volume of traffic speaking Russian and therefore reducing situational awareness for international crews overflying.

So, is Simferopol an "Illegal" ATC Station?
No. Their authority is questioned by Europe, but they are fully trained, valid controllers, with ICAO recognised licenses. It's worth remembering that although Simferopol is currently declared "illegal" by some adjacent sectors, they are the same controllers that were operating that airspace just three weeks ago, and have done so for decades. If you are in there, you should at least be talking to them, not least because they will have control of conflicting westbound Russian traffic that will not be in contact with other sectors.

What happens westbound from Russia?
If you are entering Simferopol FIR from Rostov-na-Donu FIR, you will be transferred in a normal fashion to Simferopol ACC on the usual (historic) frequencies. Once approaching the boundary with Odessa or Dnipro you should make contact at least 10 minutes in advance.

Is there any co-ordination between Simferopol and Odesa, or Dnipropetrvosk ATC ?
We're uncertain, but we believe flight information is being exchanged in terms of boundary estimates and OLDI interchange. However, verbal communications are not likely cooperative at the moment, given the disputed control of the airspace.

When will this be resolved?
Hard to say, and the question that everyone is asking. The Ukraine NOTAMS are valid until 14APR, but that indicates little. A long term avoidance of the Simferopol FIR is unlikely due to commercial pressure. At a minimum, the airspace south of the landmass, ie. L850 and south, could be expected to be made available in the event of an ongoing standoff.



Monday Briefing: Security in Caracas, Tripoli, UK Permit rules

Declan Selleck
14 December, 2015

Security issues rule out Venezuela, Libya Mar 23: SVMI/Caracas, Venezuela, and HLLT/Tripoli, Libya, should be off your tech stop or charter lists for the foreseeable future. Both airports have been subject to rising security risks over the last months, reaching a climax last week with a bomb attack on RWY 09/27 in Tripoli and increased civil unrest in Caracas.

New rules for UK Permits Mar 23 : Significant changes to the approval process for Landing Permits for the UK will take effect on 06 APR. CAA will take over the responsibility for issuing approvals from the Department for Transport (DFT). Also, previously, a cabotage objection could be raised by a group of UK Charter Operators – this is removed. A fee is likely to be charged by the CAA for permits from this point forward.

SVMI/Caracas, Venezuela Public unrest has raised tensions in the capital to the point where several airlines have suspended service, including Air Canada this past week. Coupled with the security issue is a payment

issue, with the Venezuelan government not releasing ticket payments. SVMI remains open and operational, but not recommended. For tech stops, consider TNCC/Curacao just to the north.

Uxxx/Crimea Region. Following the referendum on 16MAR, Crimea is now officially Russian Territory. This places the Simferopol FIR under Russian Control, but service is still provided by Ukraine. Simferopol Sectors 3,4 and 5 are now controlled by Odesa, and Sectors 1 and 2 are controlled by Dnipropetrvosk. UKFF/Simferopol and UKFB/Sevastopol are closed to civil traffic. No decision has yet been made by the Russian CAA as to whether permits will be required to overfly Crimea. It seems unlikely that there will be any change to the present 'no permit required' situation in the coming weeks at least, though when Simferopol Airport reopens we would anticipate Landing Permits being required through Russia.

VTSP/Phuket – International restrictions due to construction until 31MAR. Slot and PPR require 48HR PN, Landing Permit requests should allow 10 days.

LIxx/Italy ATC Industrial action announced for 30MAR 1030-1430Z. For this and subsequent strikes, ENAC, the Italian provider, will accept a limited number of pre-arranged flights from each AO.

EHAA/Amsterdam FIR Due to Nuclear Summit in the Hague on 24 and 25MAR, most of the FIR is accessible by Prior Permission only, including all flights to EHAM, EHRD, EHEH. Contact nss.ppr@minienm.nl or +31 (0) 577453696.
LLOV/Ovda, Israel will be closed to all flights 01MAY-07MAY

DGAA/Accra, Ghana Until 23JUN, The main runway (03/21) is open daily from 0500-2300Z only; no traffic accepted outside these hours.

YPXM/Christmas Island is closed and unmanned at present due to a Cyclone.

HLLT/Tripoli, Libya was subject to a bomb attack on Friday. The device was placed on the centerline of RWY09/27 overnight and detonated with a timer. Most regular operators cancelled flights immediately, with no set date to resume operations.

OSDI/Damascus FIR – For those still overflying, Syria has closed airway L513 from BURSA to LEBOR UFN.
UK Charter Permits. Significant changes to the approval process for Landing Permits for the UK will take effect on 06 APR. CAA will take over the responsibility for issuing approvals from the Department for Transport (DFT). Also, previously, a cabotage objection could be raised by a group of UK Charter Operators – this is removed. A fee is likely to be charged by the CAA for permits from this point forward.

Turkey. Effective 10APR2014 Visa on Arrival is no longer available at Turkish Airports. Visitors must apply online through https://www.evisa.gov.tr/en/ for an e-Visa.

Australia. A reminder to all operators who are not ADS-B equipped, of the restrictions when operating into Australian Airspace effective from 15DEC13. If you not ADS-B equipped you must file with CASA, a Form 208 exemption application 14 days in advance of proposed operations into Australian Airspace. Then operations will be confined to the SSR radar coverage area extending from 200 nm north of Cairns down the East coast to 200 nm west of Adelaide. This is commonly referred to as the J curve. If you intend operating into the Brisbane or Melbourne FIRs from the west and north west of Australia, and are not ADB-B equipped you will be required to operate at FL290 or below.

URSS/Sochi Starting from 20JAN, including period of XXII Winter Olympic Games and XI Winter Paralympic Games 2014, airlines are obliged to send the passenger manifest with exact Name, Surname, Passport number and series, or other ID, Ticket number, 24 hours prior to departure and no less then 4 hours prior to departure – passenger manifest changes, when operating to Sochi International airport (IATA code-AER). Information should be sent to the following e-mails: Checkin_DIsp@aer.basel.aero, Chief_smena_SAB@aer.basel.aero. See NOTAM A3075, A4018.