



REPUBLIC of SAN MARINO CIVIL AVIATION AUTHORITY

Via Consiglio dei Sessanta, 99
47891 Dogana
Republic of San Marino
TEL: +378 (0549) 882929 | FAX: +378 (0549) 882928

INFORMATION CIRCULAR No. 12

CHANGE OF “MNPS” TO “NAT HLA”

Persons affected - Operators and flight crew of aircraft capable of utilising high level NAT tracks.

1. Background

The use of term “MNPS” has been replaced by “NAT HLA” or North Atlantic High Level Airspace. With the change to NAT HLA, there is a trial use of reduced lateral separation (RLAT) and the airspace has been expanded by the addition of **Bodø Oceanic**. Refer to map on next page.

2. Requirement

General Aviation and Commercial Air Transport operators of existing MNPS approved aircraft do not have to take any action as that approval automatically applies to NAT HLA. New approvals to operate in NAT HLA airspace will only be given to aircraft that are **RNP4** or **RNP10** capable and meet the previous MNPS requirements (refer CAP 04).

Affected operators are required to add the changes into their Operations Manual.

3. New Reduced Lateral Separation

Reduced Lateral Separation (RLAT) within NAT HLA is being introduced, which will allow aircraft to be separated laterally by a minimum of 25nm, improving the efficiency of North Atlantic operations. In practice, flights will be separated by ½ degree of latitude rather than the 1 degree currently applied between suitably equipped aircraft.

To be eligible aircraft approved for NAT HLA will need additional CPDLC, RNP 4 and ADS-C approvals/capability.



**REPUBLIC of SAN MARINO
CIVIL AVIATION AUTHORITY**

Via Consiglio dei Sessanta, 99
47891 Dogana
Republic of San Marino
TEL: +378 (0549) 882929 | FAX: +378 (0549) 882928

4. Flight Planning Considerations

- Field 10a - **X** for HLA Approval
- Satcom capability **J5** for Inmarsat or **J7** for Iridium;
- Field 10b - Surveillance capability **D1** for ADS-C
- Field 18 - RNP4 (PBN/L1)

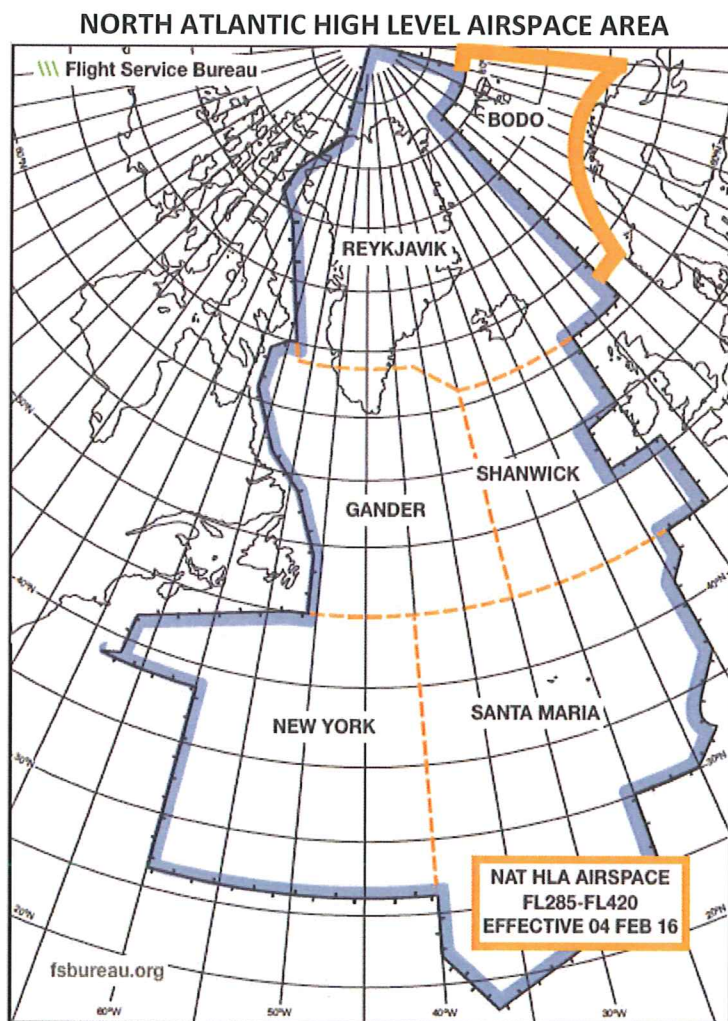
5. References

- NAT Operations and Airspace Manual NAT Doc 007 (www.icao.int/EURNAT >> EUR & NAT Documents >> NAT Documents)
- UK CAA Information Notice IN-2015/0NN



REPUBLIC of SAN MARINO CIVIL AVIATION AUTHORITY

Via Consiglio dei Sessanta, 99
47891 Dogana
Republic of San Marino
TEL: +378 (0549) 882929 | FAX: +378 (0549) 882928



In the interests of flight safety,

Marco Conti
Director General


02 Feb 2017

