

**PRESENT:** Ian Gaskill, Environmental Health, Wirral Borough Council  
Councillor Tricia O'Brien, Liverpool City Council  
Ian Rushforth, Environmental Health, Liverpool City Council  
Bob Swann, LJLACC Chairman  
Angus Tilston MBE, Wirral Transport Users Association  
Councillor Jeremy Wolfson, Liverpool City Council  
Liverpool John Lennon Airport  
Andrew Dutton, Head of Environment  
Colin Barnes, Environmental Advisor  
Mark Swanton, Environment Apprentice  
Secretariat  
Kerry Twist, Assistant Secretary

**34 APOLOGIES**

Apologies had been received from:

Martin Doyle, Environmental Health, Cheshire West and Chester Council  
Norman Elias, Passenger Representative  
Peter Hargreaves, Environmental Health, Cheshire West and Chester Council

**35 CHANGES IN MEMBERSHIP**

The Committee were invited to nominate a new Chairman.

Bob Swan nominated Tony Rice, seconded by Angus Tilston. This was following the discussions at the Liverpool Airport Consultative Committee (LACC).

There were no other nominations.

**DECIDED: That**

Tony Rice be elected Chairman of the Noise Monitoring Sub-Committee for 2018/2019.

**36 MINUTES OF LAST MEETING**

**DECIDED: That**

the minutes of the meeting of the Noise Monitoring Sub-Committee held on Friday 26 January 2018 be agreed as a correct record.

**37 NOISE COMPLAINTS LOG**

The Sub-Committee considered the Noise Complaints Log, which detailed every complaint received and the response to it, for the period 1 January 2018 to 31 March 2018. Colin Barnes gave a presentation to members on the Noise Log which included analysis of the number of noise complaints received by date, number of complainants, administrative area and the total number of complaints

compared to the previous year. He also detailed the number of test runs. The presentation is attached to these minutes.

During the period a total of 456 complaints had been received, with the highest proportion 450 from one complainant in the Warrington area. Andrew informed members that he had written to the individual and offered to go and speak to them and to invite them to come along to the meeting, there has been no response. It was suggested that it would be useful to produce two sets of figures in future, one set to include the individual and one set to exclude any complaint from the individual.

It was envisaged that the number of complaints would increase in coming months due to the public awareness of the airspace change.

**DECIDED: That**

the Noise Complaints Log for 1 January 2018 to 31 March 2018 be noted and that the NMSC members support the airport to only respond to the main complainant if there was a change to normal operation in the future.

**38 NM&TKS UPDATE**

The existing Noise Monitoring and Track Keeping System (NM&TKS) was installed in 2001/2. This was provided by Bruel & Kjaer (B&K) who were no longer in a position to support the noise monitoring terminals (NMT) as they had moved over to digital solution.

The tender process had been completed. Invites to tender were sent out to Casper, Topsonic and B&K. It was intended that the new sound level meters were to be installed by October 2018.

It was expected that the new system would ensure increased functionality and reliability. The support would be remote, as all of the companies were based overseas.

It had been decided that the new sound level meters are installed in the same places as the existing ones (Hale School and Eastham Park) and that a spare mobile monitor would be issued to be used as a backup.

**39 SOUND INSULATION GRANT SCHEME (SIGS)**

The Sound Insulation Grant Scheme (SIGS) provides financial assistance towards the cost of installation of thicker glazing to insulate households exposed to the highest levels of aircraft noise within the specified area.

The current eligible noise level criteria were;

- Daytime 63 dB
- Night time 59 dB

The SIGS grant was capped at £3500 per property (to cover glazing, ventilation and loft insulation).

The scheme contours were last reviewed in 2016 and this saw a reduction in the number of affected properties.

LJLA were due to review the SIGS model in 2018. This will be done by an independent consultant. It was envisaged that the eligible area would potentially shrink further.

**40 NOISE ACTION PLAN (NAP)**

Andrew Dutton updated the members about the Noise Action Plan (NAP). This was a requirement of the Environmental Noise Regulations 2006 and worked on a 5 year rolling cycle known as Rounds. All Civil Airports in England were required to produce Noise Action Plans by August 2018, the Department for Environment, Food and Rural Affairs was to publish the data in January 2019.

A draft NAP will be distributed to members of the NMSC to read and make comments before the next meeting.

**41 AIRSPACE CHANGE PROCESS (ACP)**

The GNSS Approach was implemented in July 2016. The Post Implement Review was approved and published on the Civil Aviation Authority (CAA) website.

LJLA had envisaged that they will be implementing the airspace change in 2020. Initially LJLA wanted to join with Manchester (MAN) Airport to do a synchronised review, however this was not an achievable timescale for MAN who were aiming for 2022.

A questionnaire was to be produced and sent out to all members to gather their views about what should have been considered as part of the new design. It was also suggested that the details of the review were taken back to the relevant officers at Local Authorities and to be added to Council meeting agendas where applicable.

Andrew offered to come and visit any of the members organisations or others they may suggest to discuss the Airspace Change Process.

**42 ANY OTHER BUSINESS**

There was no other business to be discussed.

**43 DATE OF NEXT MEETING**

The next meeting of the Noise Monitoring Sub-Committee was scheduled for Friday 20 July 2018 at 10.30 a.m. in the Cavern Suite, Liverpool John Lennon Airport.

Chairman .....

Date .....

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## Liverpool John Lennon Airport Rolling 12 Months Movements January 2017 to March 2018

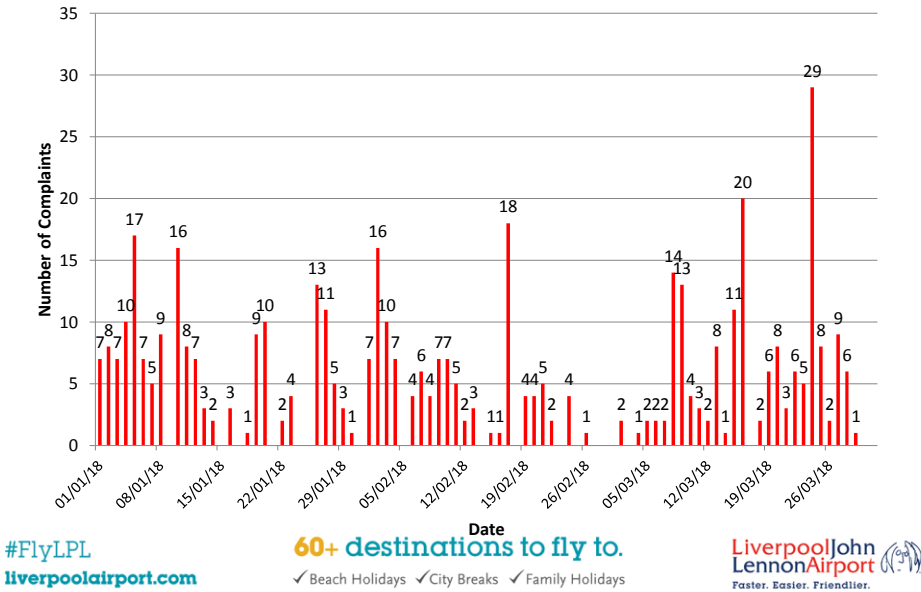
		Club	Commercial	Non Commercial	Other	Total
2017	January	1,039	2,552	95	119	3805
	February	1,610	2,395	107	101	4213
	March	2,125	2,752	110	113	5100
	April	2,327	3,141	122	111	5701
	May	2,548	3,358	207	108	6221
	June	1,833	3,166	141	141	5281
	July	2,414	3,402	160	83	6059
	August	2,330	3,425	143	127	6025
	September	1,784	3,227	123	74	5208
	October	1,923	3,180	138	139	5380
	November	1,983	2,470	141	163	4757
	December	1,047	2,616	90	74	3827
2018	January	1,170	2,550	109	78	3907
	February	1,800	2,455	122	82	4459
	March	1,822	2,841	155	68	4886

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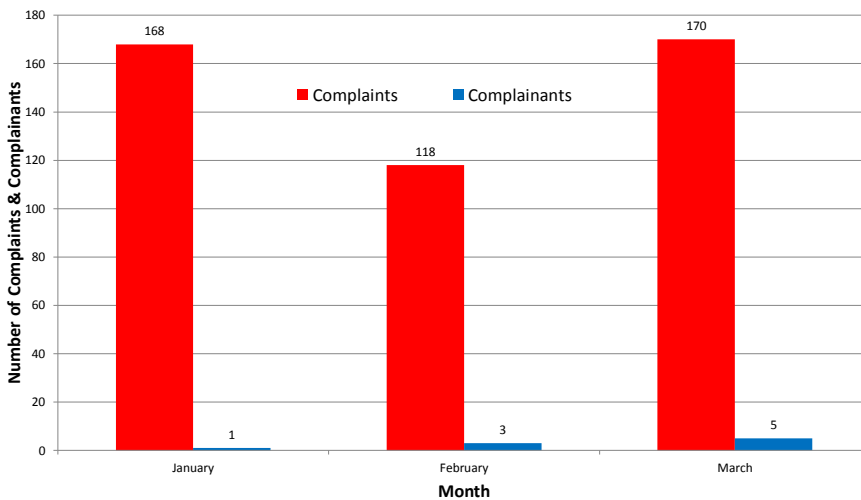
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## Liverpool John Lennon Airport Noise Complaints By Day 1st January to 31st March 2018



## Liverpool John Lennon Airport Complaints and Complainants for 1st January to 31st March 2018

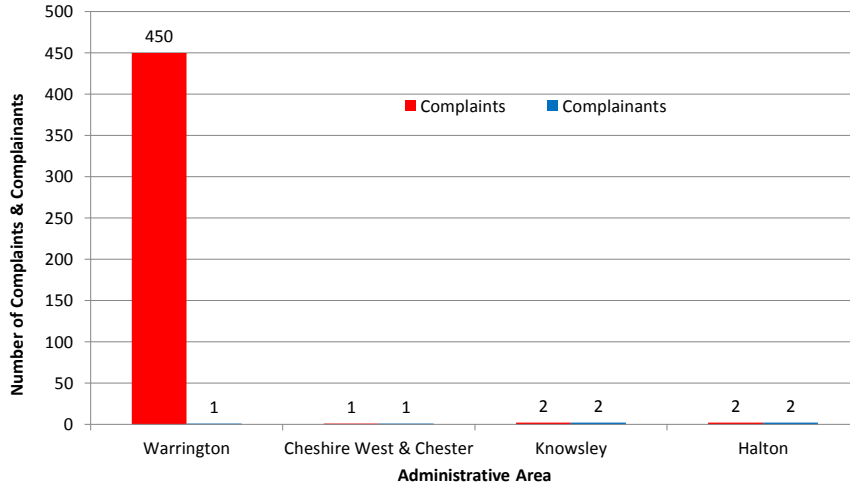


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### Liverpool John Lennon Airport Complaints and Complainants with Administrative Area for 1st January to 31st March 2018

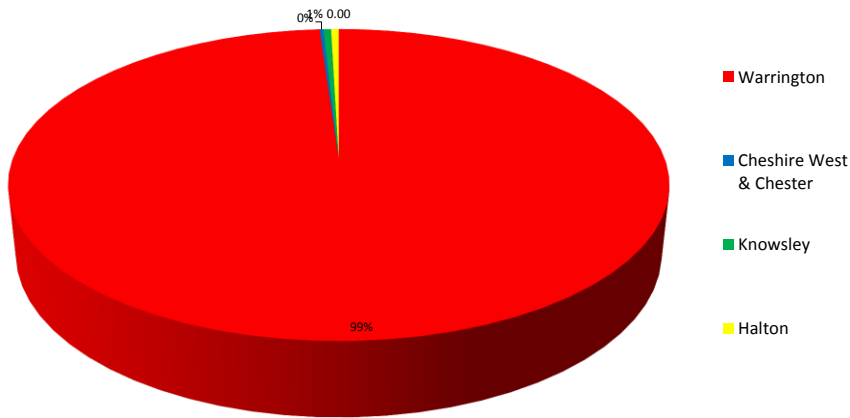


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### Liverpool John Lennon Airport Percentage of Complaints for Administrative Area 1st January to 31st March 2018

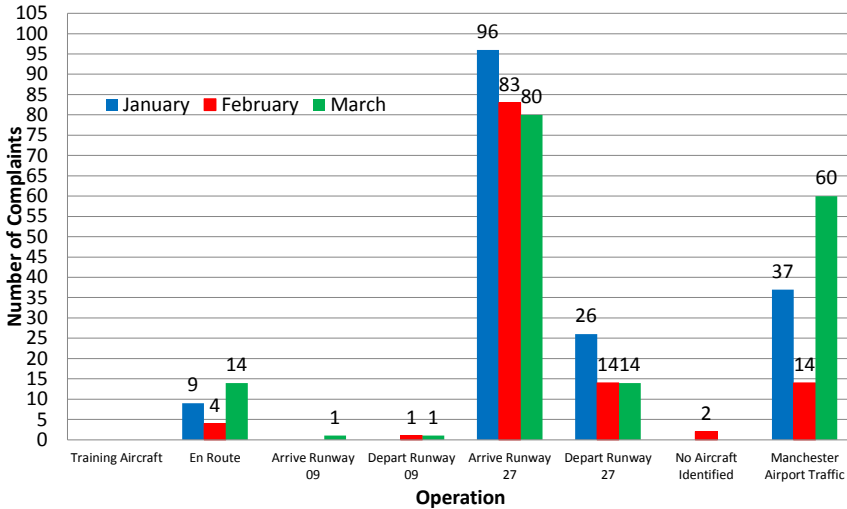


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### Liverpool John Lennon Airport Operations that caused Noise Complaints for 1st January to 31st March 2018

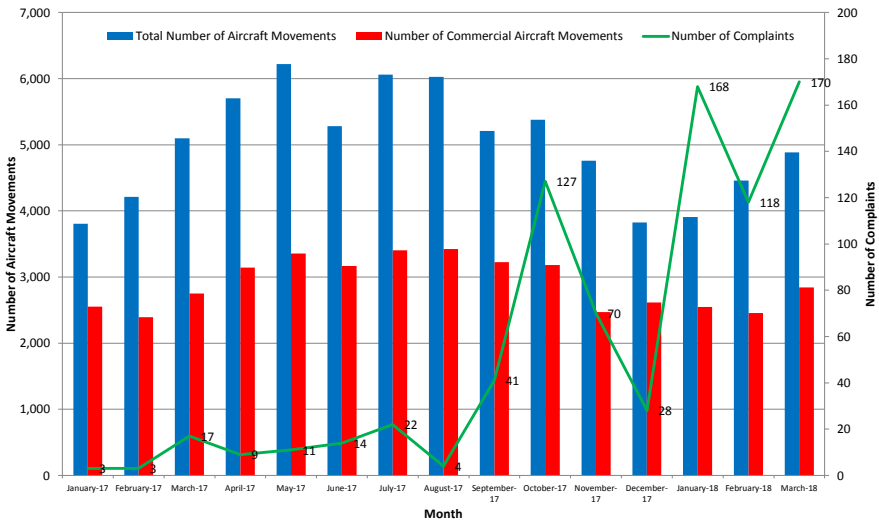


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### Liverpool John Lennon Airport Rolling 15 Month Aircraft Movements and Number of Noise Complaints January 2017 to March 2018



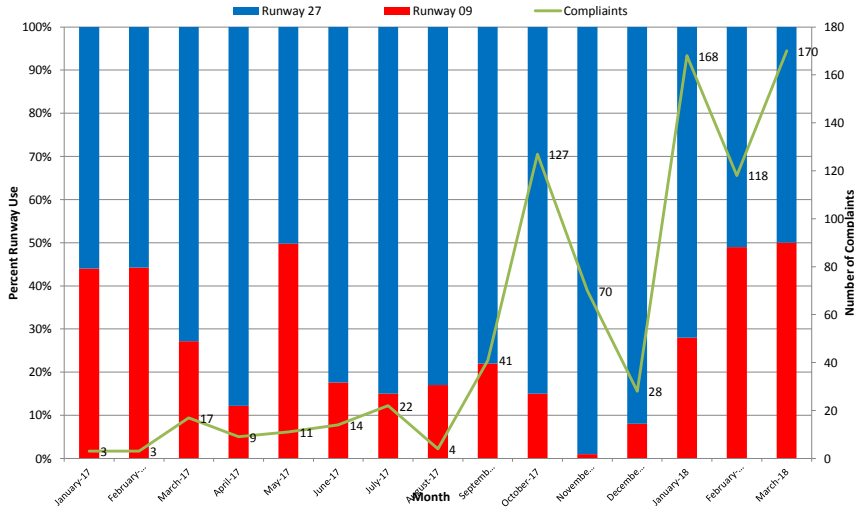
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## Liverpool John Lennon Airport Rolling 15 Month Runway Use and Noise Complaints January 2017 to March 2018

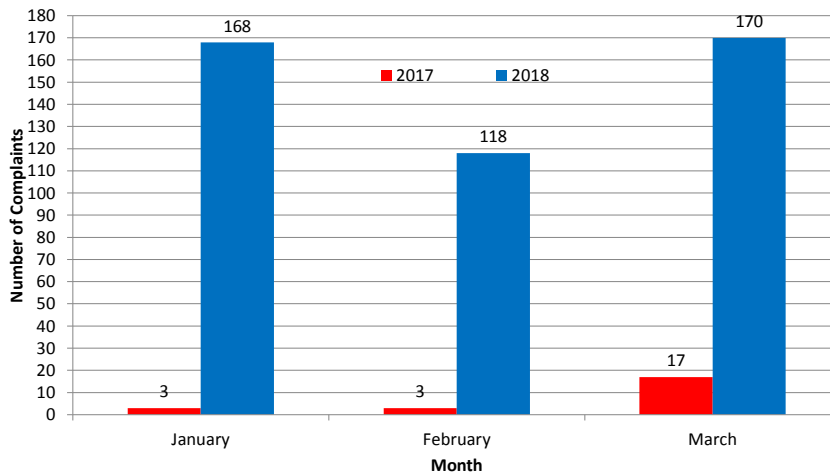


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## Liverpool John Lennon Airport Complaints Comparison for January to March 2017 & 2018

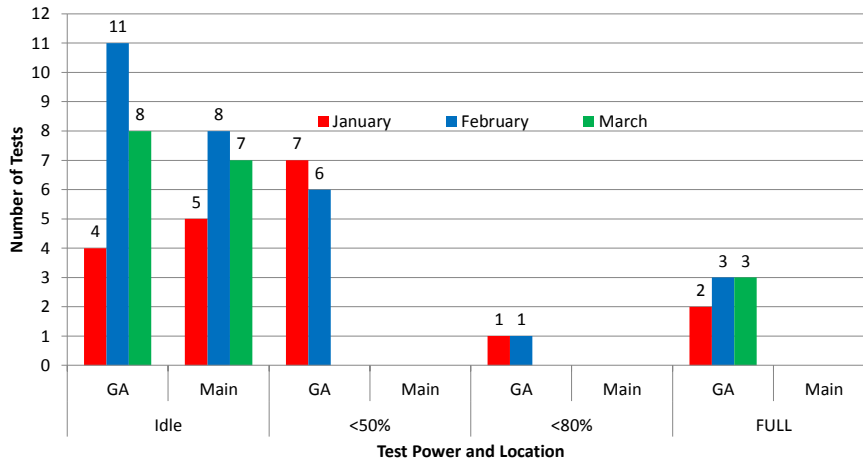


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## Liverpool John Lennon Airport Engine Test Runs 1st January to 31st March 2018



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## Noise Monitoring & Track Keeping System Update

- NM&TKS installed 2001/2
- Tender process completed
- PAR internally to be agreed
- Increase functionality, increased reliability, remote support, GDPR compliant
- Installation September 2018

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## Sound Insulation Grant Scheme (SIGS)

- Summary of the SIGS
- 63 dB(A) daytime
- 59 dB(A) night-time
- £3,500 glazing, ventilation and loft insulation
- Modelling 2018 by independent consultant
- Area covered – eligible properties
- Recent challenges for information & discussion

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## Noise Action Plan (NAP)

- Environmental Noise Regulations (England) 2006 (as amended )
  - Harmonise noise indicators and computational measures so that data can be collected and compared across Europe in a standardised manner.
  - Enable the drawing up and the publication of noise maps to make information available to the public.
  - Help to develop local action plans.
  - Enable collection of data by the European Commission to inform future EU policy.

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## Noise Action Plan (NAP)

The Directive operates in 5 yearly cycles known as Rounds, with the current round

(Round 3) requiring the operators of these airports to produce noise maps in 2017, using data from the 2016 calendar year.

These maps provide a snapshot of the

potential noise impact arising from each airport. Airport Action Plans need to be published by January 2019.

Lden

- The Lden indicator takes account of all aircraft movements throughout an average 24 hour period, but adds 'penalties' to the noise arising in the evening (+ 5 dB) and the night (+10 dB). Evening is defined as 1900-2300.

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## Noise Action Plan (NAP)

What needs to be included in an Action Plan?

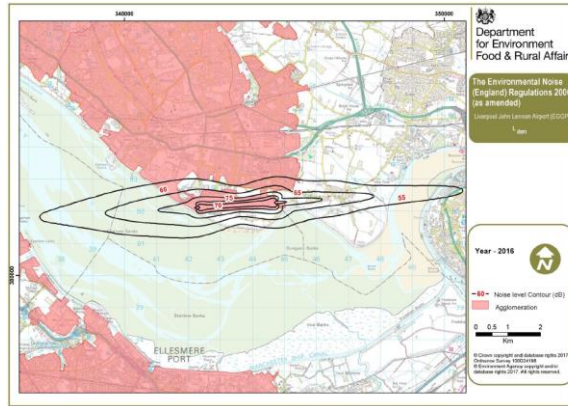
- A summary of the results of the noise mapping
- Identification of problems & situations that need to be improved
- Record of Public Consultation
- Any noise reduction measures already in place
- Long term strategy
- Future actions in the next 5 years
- Financial information
- Provisions envisaged to evaluate the action plan

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## Noise Action Plan (NAP)



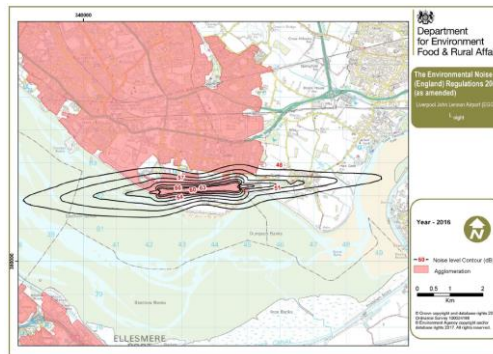
	Number of Dwellings			Number of People			Area enclosed (km <sup>2</sup> )		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
≥ 55	2,450	3,100	2,000	5,700	6,900	4,500	17.0	17.6	14.5
≥ 60	900	900	650	2,200	2,000	1,500	7.04	7.0	5.9
≥ 65	< 50	< 100	< 50	< 100	< 100	< 100	2.64	2.6	2.1
≥ 70	< 50	0	0	< 100	0	0	1.07	1.0	0.8
≥ 75	0	0	0	0	0	0	0.54	0.4	0.4

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## Noise Action Plan (NAP)



	Number of Dwellings			Number of People			Area enclosed (km <sup>2</sup> )		
	2006	2011	2016	2006	2011	2016	2006	2011	2016
≥ 48	1,750	1,900	1,500	4,200	4,300	3,300	13.65	13.1	10.2
≥ 51	1,000	1,000	650	2,500	2,300	1,400	7.98	7.6	6.0
≥ 54	400	200	< 50	1,000	500	< 100	4.51	4.3	3.2
≥ 57	< 50	< 100	< 50	< 100	< 100	< 100	2.45	2.3	1.7
≥ 60	< 50	< 100	0	< 100	< 100	0	1.39	1.3	1.0
≥ 63	< 50	0	0	< 100	0	0	0.85	0.7	0.6

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## Airspace Change Process (ACP)

- GNSS Approach PIR completed
- FASI-N
- MTMA, LPL and MAN one process in two phases
- Design Questionnaire, as agreed at the last NMSC to be send out to all members
- Open invitation to come and discuss with groups or organisations

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