

OAN 93/ 2018 – MAN-TP TAXIWAY SURVEYS (PP04 PART 2)

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1.0 SUMMARY

In advance of works to continue construction of the new Taxiway Echo through stands 100 and 101, a series of core samples will have to be taken which will require taxiways and stands to be temporarily closed or restricted over a 3-night programme.

2.0 PROGRAMME

2.1 A programme of 3-nights work to drill 13 x 125mm core samples from locations on stands 100, 101 and the adjacent areas on taxiways Alpha, Delta and Lima.

2.2 Taxiway areas by date:

- Monday 24th September: Closure of small portion of Delta and Alpha 23:00-04:30.
- Tuesday 25th September: Short duration closure of Lima.
- Wednesday 26th September: Any outstanding core samples.

Note: Core sampling in Area 3 (Stand 100 & 101) may take place at any time around the above taxiway closures.

3.0 SCOPE & LOCATION OF WORKS

3.1 The survey area is divided into 3 areas to limit operational impact and to ease planning. The survey works are required in the following locations:

- Area 1: Taxiways Alpha and Delta between the Alpha/Charlie junction, IHP Delta 4 and the Delta Lima junction (5 core samples).
- Area 2: Taxiway Lima (3 core samples).
- Area 3: Stands 100 & 101 (5 core samples).

See appendix for diagram.

4.0 OPERATIONAL IMPLICATIONS

4.1 Stand closures and restrictions



- 4.1.1 For the work on Taxiway Lima (Area 2) access to stands 21-25 and 2-10 will be restricted for 2-3hrs.
- 4.1.2 Access will be possible with a follow-me service for both towed and live movements by prior arrangement with the ADM, however, the closure should be timed when the minimum number of arrivals and departures are due in this area.
- 4.1.3 For the work on stand 100, if possible the 2 samples from this area should be taken when the stand is unoccupied. If this is not possible and there is a parked aircraft on the stand then no work can take place within 10m of an aircraft.
- 4.1.4 Stand 101 is currently part of a compound for UK Power Networks. It is the responsibility of the Jacobs Project Manager to arrange access to this compound directly with UK Power Networks.
- 4.2 **Taxiway closures and restrictions**
- 4.2.1 Sections of Taxiways Alpha, Delta and Lima will be closed over the course of the works, returning to service by 0500 hours.
- 4.2.2 Fareys apron access on September 24th will be by prior arrangement with ADM and will require follow-me service from the Delta / Lima junction. Core 7 should be drilled last to ensure that access via Taxiway Delta is possible for as much of the night as possible and there will be a short period (~90 minutes) where access to Fareys may not be possible.
- 4.2.3 Cores on Taxiway Lima should be drilled and reinstated in the order 9, 10, 1 or 1, 10, 9 such that both ends of Taxiway Lima are not simultaneously inaccessible.
- 4.2.4 For the duration of the closure of Area 1, Terminal 2 and West Apron will be unavailable to code F aircraft.
- 4.2.5 Due to type-specific jet blast restrictions on Taxiway Lima, for the duration of the closure of Area 1, any Boeing 777 arrivals for terminal 2 or West Apron will be required to shut down at IHP Lima 1 and be towed to stand. Any outbound Boeing 777 aircraft from Terminal 2 and West Apron will have to be towed to IHP Lima 1 before starting.
- 4.3 **FOD control**
- 4.3.1 Due to the short duration of each core sample drill and the number of samples to be taken it is not practicable to erect a FOD fence. Galliford Try will provide a dedicated sweeper for these works and the ASCO safety oversight will monitor for any potential FOD hazard.
- 5.0 **LOW VISIBILITY OPERATIONS (LVO)**
- 5.1 In the event of Low Visibility, taxiway works in Area 1 and Area 2 will not be possible. Works in Area 3 (stands 100 & 101) off the manoeuvring area may continue at the ADM's discretion.

6.0 FURTHER INFORMATION

6.1 For further information, please contact the Airfield Duty Manager on +44 161 489 3331.

7.0 ADDITIONAL DOCUMENTS

Drawing: Yes

Annexe: Yes