OCP Ready Colo Facility Site Assessment	*LON5*		
Self Assessment Status:	COMPLETE-MEETS REQUIREMENTS		
Data Center Location Name	LON5		
Data Center Location Address	Unit 1 Power Avenue, Crawley, West Sussex, RH10 9BE		
Site Description: IT Technical Space (White Space) Area	6606 sqm (72,206 sqft)		
Site Description: Critical IT Power	12 MVA		
Site Description: Network Provider Availability	Multiple Tier-1 Service Providers, 7 Carriers On-Site, RackConnect® Global, Blended Bandwidth		
Site Description: Facility Features	24x7x36 Security, Indirect Adiabatic Cooling, Hot Aisle Containment, Overhead Busway Distribution		
Site Description: Other Services	"Smart Hands, Colocation, Managed Hosting, Private Cloud, Application Management SSAE18 SOC1, SOC2, SOC3, PCI DSS, ISO27001, ISO14001, ISO9001"		
Date Original Assessment is Completed	12/4/2018		
Re-Assessment Date:	4/16/2024		
REQUIREMENTS - Attribute (Must have an Optimum or Acceptable result)	**Parameter**	**Result**	**Notes**
ACCESS			
Building Access	1. Loading dock with lift or leveler	**Optimum**	2x loading dock bays: 1x with dock leveler, 1x with scissor-lift
Delivery pathway, Loading dock to Goods in	2. ≥2.7m (108in) H x ≥1.2m (48in) W unobstructed access and threshold free	**Acceptable**	Clear Opening Min (mm): 3000 H x 1850 W
Delivery pathway, Goods in to White space	1. ≥2.4m (96in) H x ≥1.8m (72in) W unobstructed access and threshold free	**Optimum**	Clear Opening Min (mm): 3000 H x 1850 W
Corridor floor rolling load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	Slab Floor: N/A
Unboxing/pre-staging/storage area floor uniform load	2. ≥732kg/m2 (150lb/ft2) (7.17kN/m2)	**Acceptable**	Imposed load rated at 10kN/mˆ2
Unboxing/pre-staging/storage area floor concentrated load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	Slab Floor: N/A
RAMPS			
Gradient	1. Not Applicable - No Ramps Required	**Optimum**	
Width	1. Not Applicable - No Ramps Required	**Optimum**	
Landing area	1. Not Applicable - No Ramps Required	**Optimum**	
Railings	1. Not Applicable - No Railings Required	**Optimum**	
LIFTS / ELEVATORS			
Weight loading	1. Not Applicable - No Lift/Elevator Required	**Optimum**	
Door height	1. Not Applicable - No Lift/Elevator Required	**Optimum**	
Width	1. Not Applicable - No Lift/Elevator Required	**Optimum**	
Depth	1. Not Applicable - No Lift/Elevator Required	**Optimum**	
IT TECHNICAL SPACE (WHITE SPACE)			
Floor rolling load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	Slab Floor: N/A
Floor uniform load	1. ≥1221kg/m2 (250lb/ft2) (11.97kN/m2)	**Optimum**	Imposed load rated at 12.5kN/mˆ2.
Floor concentrated load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	Slab Floor: N/A
Finished floor to ceiling height	2. ≥3.1m (124in)	**Acceptable**	Return air plenum located at 4.2m above finished floor.
Access floor clearance	1. Not Applicable - No Access Floor	**Optimum**	
ELECTRICAL			
Number of independent circuits to the rack	1. 2N (A+B)	**Optimum**	Distributed redundant UPS feeds to independent busway and circuits
Maximum circuit capacity	1. 3ϕ 32A/230V	**Optimum**	Circuit capacity can be delivered to meet customer needs
Circuit voltage	1. 400/230 VAC nominal	**Optimum**	Nominal site voltage of 400/230VAC
Circuit frequency	1. 47-63 Hz	**Optimum**	Nominal site frequency of 50Hz
Power receptacle / WIP Type	1. IEC60309 532R6W	**Optimum**	Power receptacle type can be delivered to meet customer needs
Circuit receptacle location	1. Overhead	**Optimum**	Circuit receptacle located with overhead busway distribution
Upstream UPS options	2. UPS only feed available	**Acceptable**	
Rack-based batteries permitted	1. Allowed	**Optimum**	
Generator load acceptance time	1. <60 seconds	**Optimum**	
COOLING			
Rack airflow direction	1. Front to Back	**Optimum**	
Air containment methods	1. Hot aisle containment or rack chimney	**Optimum**	
Maximum rack density	1. ≥12kw	**Optimum**	

Minimum cold aisle width	2. ≥1200mm (48in)	Acceptable	Space designed to meet customer needs.
Minimum free width cold aisle (Inside cage)	2. ≥900mm (36in)	Acceptable	Guaranteed in private cage with rack <1050mm D. Space designed to meet customer needs.
Minimum hot aisle width	2. ≥900mm (36in)	Acceptable	Guaranteed in private cage with rack <1050mm D. Space designed to meet customer needs.
Inlet air conditions	1. ASHRAE Class A1 Allowable	Optimum	Normal operating conditions in Recommended range with deviations into Allowable range.
Air quality	1. EN 779 G4 and F7 filtering & Gas particulate monitoring to the ANSI/ISA 74.04-1985 G severity levels	Optimum	
Temperature rise	1. ≥12 Deg C DeltaT	Optimum	
Cabinet blanking of open space	1. Mandatory	Optimum	
CABLING			
Cabling infrastructure pathways	2. Top and Rear of rack fed	Acceptable	
Overhead Network Infrastructure containment levels	2. 2 Levels (Intra-Pod cabling; Inter-Pod cabling)	Acceptable	
Fibre Type (if installed)	1. OS2 & OM4	Optimum	
Fibre connection presentation (if installed)	2. Installed Per Customer Requirements	Acceptable	
CONSIDERATIONS (For information only)	**Parameter**	**Result**	**Notes**
SERVICE			
Replacement PSU Modules	2. Secure storage available	Acceptable	
Replacement BBU Modules	2. Secure storage available	Acceptable	
Option to monitor PSUs and BBUs	2. No	Acceptable	
Remote hands for PSU and BBU replacement or expansion	1. Yes	Optimum	
Remote hands for OCP IT hardware replacement or expansion	1. Yes	Optimum	
EFFICIENCY			
Site Operations Standards	2. Other (Notes required)	Acceptable	Site operated by leading data center provider using internally developed standards and best practices
Site PUE Monitoring	1. Continuously monitored	Optimum	
Site Design PUE	1. <1.2	Optimum	
Site Annualized PUE Current Achievement	2. <1.5	Acceptable	Calculated using the methodology in ISO/IEC 30134-2:2016
Site WUE Monitoring	2. Other (Notes required)	Acceptable	Not available
Site CUE Monitoring	2. Other (Notes required)	Acceptable	Not available
OPENNESS			
PUE Published	2. Available upon request	Acceptable	
Facility Design Drawings & Files	2. Available to view upon request	Acceptable	