OCP Ready COLO Facility Assessment	*Stockton 1*		
Self Assessment Status:	COMPLETE-MEETS REQUIREMENTS		
Data Center Location Name	Stockton 1		
Data Center Location Address	1002 Emarcadero Stockton, California 95203		
Site Description: White Space Area	10000 Sq ft		
Site Description: Critical IT Power	7MW		
Site Description: Network Provider Availability	100%		
Site Description: Facility Features	2 acres with 300 linear ft of Water Front Berthing Space for Waterbourne Data Center		
Site Description: Other Services	Tier 1 Port- Port of Stockton Homeland Security		
Date Original Assessment is Completed	5/27/2021		
Re-Assessment Date:			
REQUIREMENTS - Attribute (Must have an Optimum or Acceptable result)	**Parameter**	**Result**	**Notes**
ACCESS			
Building Access	1. Loading dock with lift or leveler	**Optimum**	
Delivery pathway, Loading dock to Goods in	1. ≥2.7m (108in) H x ≥2.4m (96in) W x ≥2.4m (96in) D unobstructed access and threshold free	**Optimum**	
Delivery pathway, Goods in to White space	1. ≥2.4m (96in) H x ≥1.8m (72in) W unobstructed access and threshold free	**Optimum**	
Corridor floor rolling load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
Unboxing/pre-staging/storage area floor uniform load	1. ≥1221kg/m2 (250lb/ft2) (11.97kN/m2)	**Optimum**	
Unboxing/pre-staging/storage area floor concentrated load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
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. ≥1500kg (3300lbs)	**Optimum**	
Door height	1. ≥2.4m (96in) Lift /Elevator door opening height (not internal cabin)	**Optimum**	
Width	1. ≥1.5m (60in) Unobstructed door opening width	**Optimum**	
Depth	1. ≥1.5m (60in) Unobstructed cabin depth	**Optimum**	
WHITE SPACE			
Floor rolling load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
Floor uniform load	1. ≥1221kg/m2 (250lb/ft2) (11.97kN/m2)	**Optimum**	
Floor concentrated load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
Finished floor to ceiling height	1. ≥4.5m (180in)	**Optimum**	
Access floor clearance	1. Not Applicable - No Access Floor	**Optimum**	
ELECTRICAL			
Number of independent circuits to the rack	1. 2N (A+B)	**Optimum**	
Maximum circuit capacity	1. 3ϕ 60A/208V	**Optimum**	
Circuit voltage	1. 208 VAC Nominal	**Optimum**	
Circuit frequency	1. 47-63 Hz	**Optimum**	
Power receptacle / WIP Type	1. IEC60309 460R9W	**Optimum**	
Circuit receptacle location	1. Overhead	**Optimum**	
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. Not Applicable - Rear Door Heat Exchangers (RDHx) Deployed (notes required)	**Optimum**	
Maximum rack density	1. ≥12kw	**Optimum**	
Minimum cold aisle width	2. ≥1200mm (48in)	**Acceptable**	
Minimum free width cold aisle (Inside cage)	1. ≥1200mm (48in)	**Optimum**	

Minimum hot aisle width	2. ≥900mm (36in)	Acceptable	
Inlet air conditions	1. ASHRAE Class A1 Allowable	Optimum	
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	1. Top and Front of rack fed	Optimum	
Overhead Network Infrastructure containment levels	1. 3 Levels (Intra-Pod cabling; Inter-Pod cabling; OOB cabling)	Optimum	
Fibre Type (if installed)	1. OS2 & OM4	Optimum	
Fibre connection presentation (if installed)	1. Interchangable LC Duplex and MPO	Optimum	
CONSIDERATIONS (For information only)	**Parameter**	**Result**	**Notes**
SERVICE			
Replacement PSU Modules	1. In stock onsite	Optimum	
Replacement BBU Modules	1. In stock onsite	Optimum	
Option to monitor PSUs and BBUs	1. Yes	Optimum	
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	1. OCP Critical Facility Operations Guidelines	Optimum	
Site PUE Monitoring	1. Continuously monitored	Optimum	
Site Design PUE	1. <1.2	Optimum	
Site Annualized PUE Current Achievement	2. Other (Notes required)	Acceptable	Current loading below logical PUE measurement thresholds given recent opening
Site WUE Monitoring	1. Continuously monitored	Optimum	
Site CUE Monitoring	1. Continuously monitored	Optimum	
OPENNESS			
PUE Published	1. Real-time available online	Optimum	
Facility Design Drawings & Files	2. Available to view upon request	Acceptable	