MHHS PROGRAMME
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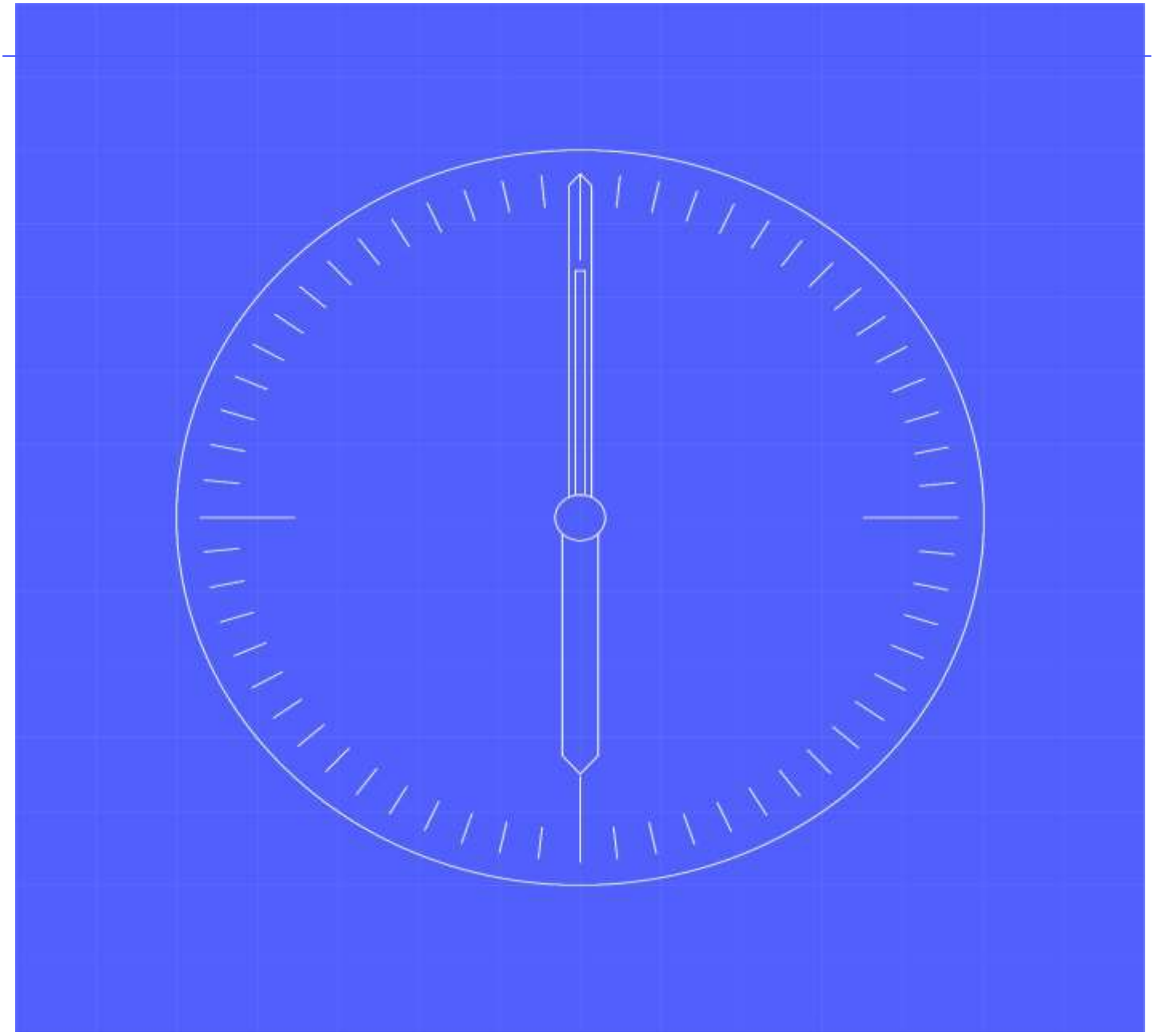
[03a] Migration Capacity Calculations - Parameters



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1 Contents

1 Contents **1**
1.1 Change Record 2
1.2 References 2
2 Supplier Migration Capacity Calculation: Parameters **3**
2.1 Parameters, Data Types and Descriptions 3

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1.1 Change Record

Date	Author	Version	Change Detail
18/03/2024	Migration Team	v0.1	Draft for Industry Consultation
19/02/2024	Migration Team	v0.2	Revised Draft for Assurance Meeting
08/05/2024	Migration Team	V1.0	Version uplifted following MCAG Interim Approval
13/06/2024	Migration Team	V1.1	Draft for Industry Consultation 2

1.2 References

Document	Publisher	Published	Additional Information
REF-01 MHHS-DEL2426-[01] Migration Framework Foundations v1.1	Migration Team	13/06/2024	Migration FW
REF-02 MHHS-DEL2427-[02] Migration Framework - Principles and Guidelines v1.1	Migration Team	13/06/2024	Migration FW
REF-03 MHHS-DEL2428-[03a] Migration Capacity Calculations - Method Statements v1.1	Migration Team	13/06/2024	Migration FW
REF-04 MHHS-DEL2429=[03b] Migration Capacity Calculations – Parameters v1.1	Migration Team	13/06/2024	Migration FW
REF-05 MHHS-DEL2430-[04] Migration Requirements and Processes v1.1	Migration Team	13/06/2024	Migration FW
REF-06 MHHS-DEL2431-[04a] Migration Business Process Models v1.1	Migration Team	13/06/2024	Migration FW
REF-07 MHHS-DEL2762-Migration Choreography v0.1	Migration Team	13/06/2024	Migration FW
REF-08 MHHS-DEL2763 Migration Governance and Escalation Framework v0.1	Migration Team	13/06/2024	Migration FW
REF-09 MHHS-DEL2764-Migration Data Requirements and Reports	Migration Team	13/06/2024	Migration FW
~~7~~REF-10 MHHS-DEL961 – Migration Design Document v1.3	Migration Team	03/04/2023	
~~8~~REF-11 MHHS-DEL953 – Data Assessment Report v1.0	Migration Team	21/02/2023	
~~9~~REF-12 MHHS-DEL1128 – Migration, Cutover and Data Strategy v1.0	Migration Team	02/06/2023	
~~0~~REF-13 MHHS-DEL1648 - Migration Thresholds Document v1.0	Migration Team	20/11/2023	
~~1~~REF-14 MHHS-DEL813 – Overarching Test Data Approach and Plan v1.0	Testing Team	19/07/2023	
~~2~~REF-15 MHHS-DEL1181 – Data Cleanse Plan v2.1	Migration Team	04/06/2024	
~~3~~REF-16 MHHS-DEL1792 - M15 Acceptance Criteria v1.0	Migration Team	13/12/2023	

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2 Supplier Migration Capacity Calculation: Parameters

2.1 Parameters, Data Types and Descriptions

The following table sets out the Parameter that are to be used in deriving the Scaled Supplier Capacity Envelopes. These envelopes will inform Suppliers of the Capacity within which it is expected that they shall submit their Migration Schedules.

Format Key: A = Alphanumeric

N = Numeric

D = Date

2.1.1 The following parameters shall be used in calculating Supplier Migration Capacity envelopes:

Parameter	Format	Description/Comments
LDSO MPID	A	A valid Market Participant Identifier (MPID) for a qualified Licenced Distribution System Operator (LDSO) as set out in Industry Standing Data (ISD) Entity 45 for Market Participant Role Code "R".
Supplier MPID	A	A valid Market Participant Identifier for a qualified Supplier as set out in ISD Entity 45 for Market Participant Role Code "X".
Migration Date	D	The date upon which a migration will be initiated by a Supplier within an LDSO Region.
Central Service Migration Threshold (CMST)	N	The unadjusted daily Central Service Migration Threshold as defined in the MHHS-DEL1648-Migration Threshold Documentv1.0. This threshold may be flexed from time to time between 200K and 300K.
LSDO Metering Point Count (LMPC)	N	The deemed number of Metering Points within an LDSO Region.
De-Minimis LDSO Threshold (DLT)	N	A configurable De-Minimis Threshold for LDSO Regions based on the LSDO Metering Point Count.
De-Minimis LDSO Threshold Daily Volume (DLTDV)	N	A configurable De-Minimis Daily Volume Threshold for LDSO Regions based on the LSDO Metering Point Count to be excluded from Scaled Supplier Capacity Envelope Calculations.
De-Minimis Supplier Portfolio Threshold (DMSPT)	N	A configurable De-Minimis Threshold for Suppliers to be excluded from Scaled Supplier Capacity Envelope Calculations.
De-Minimis Supplier Portfolio Daily Volume (DSPDV)	N	A configurable De-Minimis Daily Volume for Suppliers to be excluded from Scaled Supplier Capacity Envelope Calculations.
De-Minimis LDSO Threshold Flag (DLTF)	A	A Boolean Flag used to identify LDSO MPIDs as being below the De-Minimis LDSO Threshold. Either True "T" or False "F"
De-Minimis Supplier Threshold Flag (DSTF)	A	A Boolean Flag used to identify Supplier MPIDs as being below the De-Minimis Supplier Portfolio Threshold. Either True "T" or False "F"
Initial Supplier Portfolio (ISP)	N	The deemed initial Supplier Portfolio within a LDSO Region. This may contain aggregated Supplier MPID Portfolios where it has been identified that a Supplier wishes to consolidate under a single MPID within the LDSO Region.
Adjusted Central Service Migration Threshold (ACSMT)	N	The Central Service Migration Threshold adjusted for LDSOs below the De-Minimis LDSO Threshold.
Unadjusted LDSO Migration Threshold (ULMT)	N	The unadjusted daily Threshold for a Distribution region as set out in the MHHS-DEL1648-Migration Threshold Documentv1.0.
Reserved Capacity (RC)	N	A Capacity Reserved for re-tries and re-migrations where Reverse Migration has been undertaken.
Reserved Capacity Factor (RCF)	N	A Factor to be applied to the Unadjusted LDSO Migration Threshold to calculate the Reserved Capacity. E.g. 1.02
Adjusted LDSO Migration Threshold (ALMT)	N	The adjusted LDSO Migration Threshold based upon the Adjusted Central Service Migration Threshold and the Reserved Capacity.
Supplier Scaling Factor (SSF)	N	A configurable daily factor to be applied to the proportional Supplier Capacity Envelope within a LDSO Region. E.g. 0.1
Scaled Supplier Capacity Envelope (SSCE)	N	The calculated proportional daily Supplier Capacity Envelope after the Supplier Scaling Factor has been applied.
Ramp UP Minimum (RMP_{min})	N	In the first month following a Supplier's migration start date the minimum percentage of MPANs that must be migrated within each LDSO Region where the Supplier has registered MPANs.

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Parameter	Format	Description/Comments
Ramp UP Maximum (RMP_{max})	N	In the first month following a Supplier's migration start date the maximum percentage of MPANs that can be migrated within each LDSO Region where the Supplier has registered MPANs.
Migration Day Minimum (MIG_{min})	N	On successful conclusion of the Supplier Ramp up the remaining MPANS must be migrated in no fewer than the Migration Day Minimum Migration Dates.
De-Minimus Maximum ($Demin_{max}$)	N	The percentage of an LDSO Threshold that a De-Mimimus Suppliers cannot exceed on any individual Migration Date.
Portfolio Minimum ($Port_{min}$)	N	The MPAN count below which no Supplier submission constraints will be applied.

Note: the configurable parameters set out above will be determined once more is understood about the Qualification waves and be the subject of a subsequent consultation.

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