## **PDG Validation Matrix - PI Verification**

Change Log

Template Version	Date	Changes	Notes
v01	8/7/2024	1st draft of the Conforming party and Category Matrices. Uncovered a	
v02	10/16/2024	Added Test Case Matrix sheet	

REG01 - Direct-to-replicate verification REG022 - Unit for distribution REG034 - Recalled Product REG04 - Recalled Product REG04 - Recalled Product REG05 - REG044 - REG045 - REG0	at ge type ge Activity ditional information valid values ente and Accentance Criteria could introduction	PI Verification PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	PI Responder	PI Verification  P P P P P P	Lookup Directory	Lookup Directory	Trade Partner using Note
REQ01 - Direct-to-replicate verification REQ02 - Unit for distriction REQ02 - Expred Product REQ03 - Expred Product REQ03 - Expred Product REQ03 - Registrates or Stolen Product REQ04 - Registrates or Stolen Product REQ04 - Registrates or Stolen Product REQ04 - Verification Request message REQ04 - Verification Request message REQ04 - ATP Possession Attestation REQ09 - Self-Monitoring for Nefarious REQ10 - PI Verification Response Add  PINC Chanter 4 Requirement REQ04 - Lookup Directory New Product REQ04 - Lookup Directory Time Production REQ05 - Direct-to-Source verification HIDA Requirements and Activities and Acquirements and	ct  ge type  s Activity  ditional information valid values  ents and Accentance Criteria  cce  uct Introduction	P P P		P P P P			P
REQ01 - Direct-to-replicate verification REQ02 - Unit for distriction REQ02 - Expred Product REQ03 - Expred Product REQ03 - Expred Product REQ03 - Registrates or Stolen Product REQ04 - Registrates or Stolen Product REQ04 - Registrates or Stolen Product REQ04 - Verification Request message REQ04 - Verification Request message REQ04 - ATP Possession Attestation REQ09 - Self-Monitoring for Nefarious REQ10 - PI Verification Response Add  PINC Chanter 4 Requirement REQ04 - Lookup Directory New Product REQ04 - Lookup Directory Time Production REQ05 - Direct-to-Source verification HIDA Requirements and Activities and Acquirements and	ct  ge type  s Activity  ditional information valid values  ents and Accentance Criteria  cce  uct Introduction	P P P		P P P P			P
RE003 – Expired Product RE004 – Realed Product RE005 – Illegitimate or Stolen Product RE005 – Changes in 91 status RE007 – Stolen in 91 status RE007 – Stolen Stolen Reput Imessage RE007 – Set Northwise for Neterious RE010 – Pit Verification Response Add PINC (*Chantor & Respo	ge type s Activity ditional Information valid values ents and Accentance Criteria cce uut Introduction	P P P		P P P P			
RECOUL - Recailed Product RECOM - Biggingtine of Stolen Product RECOM - Unarges in P1 status RECOM - Unarges in P1 status RECOM - The RECOM - THE P1 status RECOM - THE RECOMMENDATION -	ge type s Activity ditional Information valid values ents and Accentance Criteria cce uut Introduction	}		P P P			
RECOS - Illegitmate or Stolen Product RECOS - Changes in Pistatus RECOS - Verification Request message RECOS - Verification Request message RECOS - Self-Monitoring for Netimora RECOS - Self-Monitoring for Netimora RECOS - Self-Monitoring Response Add PINC: Chantor & Recoursement FR-001 - Lookup Directory New Produ FR-003 - Lookup Directory New Produ FR-003 - Lookup Directory Self-Monitoring RE-005 - Director Self-Monitoring RECOS - RECORD RECOR	ge type s Activity ditional Information valid values ents and Accentance Criteria cce uut Introduction	P P P		P P P			
RECO8 – Changes in Pi status RECO7 – Verificion Request message RECO9 – Self-Montring for Netroinos RECO19 – Self-Montring for Netroinos RECO19 – Pil Verification Response Add PINC C'hanter 4 Remirrem FR-001 – Lookup Directory maintenan FR-003 – Lookup Directory Til Menton FR-003 – Lookup Directory Til Menton FR-003 – Lookup Directory Til Menton FR-004 – Lookup Directory Til Menton FR-005 – Lookup Directory Lookup Directory Lookup Directory Lookup Dire	ge type s Activity ditional Information valid values ents and Accentance Criteria cce uut Introduction	P P P		P			
RECOT - Verification Request message RECOBE - ATP Dossession Attention RECOD - Self-Monitoring for Netarious RECOT - PI Verification Response Add PINC: Character & Decrutinesen RECOT - Lookup Directory New Produit FR-003 - Lookup Directory Time Produit FR-004 - Lookup Directory Time Produit FR-005 - Director Source verification DIRECTOR - Director Source verification	s Activity ditional information valid values ents and Accentance Criteria coc out involucion tetenance	P P P		•			
REC09 – Self-Monitoring for Nefarious REQ10 – PI Verification Response Add PDPC Charator 4 Requirems FR-001 – Lookup Directory New Product FR-003 – Lookup Directory Tim Maint FR-003 – Lookup Directory Tim Maint FR-004 – Lookup Directory Interoperation FR-005 – Direct - Source verification The Company of the Company The Company of the Company Time Company Time Tim	s Activity  ditional Information valid values  ents and Accentance Criteria  te  te  te  tel  introduction	P P					
REQ10 – PI Verification Response Add  PDC Chanter A Requireme FR-001 – Lookup Directory maintenane FR-002 – Lookup Directory Wer Produ FR-003 – Lookup Directory GTIN Maint FR-004 – Lookup Directory interoperat FR-005 – Direct-to-Source verification  HDA Requirements and Ac-	ents and Accentance Criteria  uce uch Internation valid values  uce uch Introduction  ntenance	P					
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FR-004 – Lookup Directory Interoperate FR-005 – Direct-to-Source verification  HDA Requirements and Ac					P	P	
FR-005 – Direct-to-Source verification  HDA Requirements and Ac	ibility				P	P	
HDA Requirements and Ac					P	P	
HDA Requirements and Ac		P		P			
	ccentance Criteria (by reference)						
REQ10 - Product identifier Elements		P		P			
REQ11 - Request Types		P		P			
REQ12 - System Integration REQ13 - Single Access Point		P		P			
REQ13 - Single Access Point REQ14 - Web Portal Interface		P					
REQ15 - Ability to Download		P		р			
REQ16 - GS1 DataMatrix Scanning		P		-			
REQ17 - Manual Entry of PI		P					
REQ18 - Data Validation		P					
REQ19 - Authorized Requestors REQ20 - Verification Request Log	P	P		P			
REQ21 - Verification Request Log REQ21 - Use of Connectivity Information	ion	р		P			
REQ22 - Verification Request Data For	rmats	r P		P			
REQ23 - Verification Response Data Fi	Formats			P P			
REQ24 - Authentication and Security		P		P			
REQ25 - Synchronized Lookup Directo	ory Access				P		
REQ26 - New GTIN						P	
REQ27 - GTIN Ownership Change REQ28 - Valid Responses				_	P		
REQ29 - Additional Status Information				P			
REQ30 - Data Formats				r D			
REQ31 - Repository Not Found in Look	okup Directory	P					
REQ32 - Repository Connection Excep	ption	P					
REQ33 - VRS Service Down		P					
REQ34 - VRS Log		P		P			
REQ35 - GTIN Ownership Change REQ36 - GTIN Ownership Change App						P	Miss
REQ37 - New GTIN Owner Capability	provai				P D	r	
REQ38 - Lookup Directory Data					•	P	
REQ39 - Responder's Connectivity Dat	ata					p	
REQ40 - Sharing Connectivity Data					P		
REQ41 - Multiple Responder Repositor	ories for a GTIN				P	P	
REQ42 - Lookup Directory Version Con REQ43 - GTIN Owner and Lookup Dire	ontrol		P	P	_		
REQ44 - System Interfaces for Respon	ectory opulates				P	P	
REQ45 - Responder Access Point	niuers	p			r	r	
REQ46 - Responder Authorization				P			Cont
REQ47 - GTIN Record Download				•	P		
REQ48 - GTINS and GCPs					P		
REQ49 - GTIN Ownership Transfer					P	P	
REQ50 - GTIN Owner Permission				_	P		
REQ51 - Responder Selection Criteria REQ52 - Expiration Date	a for Matches			P			
REQ52 - Expiration Date REQ53 - PI Repository Accessibility				P			Cont Cont
REQ54 - Response Return Performance	ice			P P			Con
REQ55 - System Availability and Mainte	itenance	P		P	P	P	
REQ56 - Secure Delivery of Requests a	and Responses	P		P	P	P	
REQ57 - Resolution of Connectivity Iss	sues			P			
REQ58 - Issue Resolution Services REQ59 - Access to Transactions				P			
REQ60 - Lookup Directory Change Log	NA.	P		P	D.	P	
REQ61 - Lookup Directory Responder					r r	r	
	r Authentication						

	Category> Connectivity	PI Request	PI Response	Lookup Directory	Exceptions	Authentication &	Verification against
PDG Chanter 1 Requirements and Accenta	nas Critoria						
REQ01 – Direct-to-replicate verification	me Chern						P
REQ02 – Unfit for distribution			P				
REQ03 – Expired Product REQ04 – Recalled Product			P				
REQ04 – Recalled Product REQ05 – Illegitimate or Stolen Product			P				
REC06 – Changes in PI status			r P				
REQ07 - Verification Request message type		P	•				
REQ08 - ATP Possession Attestation		P					
REC09 - Self-Monitoring for Nefarious Activity						P	
REQ10 - PI Verification Response Additional Information valid	values		P				
PDG Chanter 4 Requirements and Accenta	nce Criteria						
FR-001 – Lookup Directory maintenance				P			
FR-002 - Lookup Directory New Product Introduction				P			
FR-003 – Lookup Directory GTIN Maintenance				P			
FR-004 - Lookup Directory Interoperability				P			
FR-005 - Direct-to-Source verification		P	P				
HDA Requirements and Accentance Criteri REQ10 - Product Identifier Elements	is (hv reference)	n					
REQ10 - Product Identifier Elements REQ11 - Request Types		P	P				
REQ12 - System Integration	P	P	r				
REQ13 - Single Access Point	•	P					
REQ14 - Web Portal Interface		P					
REQ15 - Ability to Download		P	P				
REQ16 - GS1 DataMatrix Scanning		P					
REQ17 - Manual Entry of PI REQ18 - Data Validation		P					
REQ18 - Data validation REQ19 - Authorized Requestors		P	P			D	
REQ20 - Verification Request Log			P			P	
REQ21 - Use of Connectivity Information	P		•				
REQ22 - Verification Request Data Formats	•	P					
REQ23 - Verification Response Data Formats			P				
REQ24 - Authentication and Security	P						
REQ25 - Synchronized Lookup Directory Access				P			
REQ26 - New GTIN REQ27 - GTIN Ownership Change				P			
REQ27 - GTIN Ownership Change REQ28 - Valid Responses			D	P			
REQ29 - Additional Status Information			P				
REQ30 - Data Formats			P				
REQ31 - Repository Not Found in Lookup Directory		P					
REQ32 - Repository Connection Exception		P					
REQ33 - VRS Service Down		P	p				
REQ34 - VRS Log REQ35 - GTIN Ownership Change		P	P				
REQ36 - GTIN Ownership Change Approval				D			
REQ37 - New GTIN Owner Capability				r P			
REQ38 - Lookup Directory Data				P			
REQ39 - Responder's Connectivity Data				P			
REQ40 - Sharing Connectivity Data				P			
REQ41 - Multiple Responder Repositories for a GTIN				P			
REQ42 - Lookup Directory Version Control	P			P			
REQ43 - GTIN Owner and Lookup Directory Updates REQ44 - System Interfaces for Responders				Ľ.			
REQ45 - Responder Access Point		D		r			
REQ46 - Responder Authorization						P	
REQ47 - GTIN Record Download				P		•	
REQ48 - GTINS and GCPs				P			
REQ49 - GTIN Ownership Transfer				P			
REQ50 - GTIN Owner Permission				P			
REQ51 - Responder Selection Criteria for Matches			P				
REQ52 - Expiration Date REQ53 - PI Repository Accessibility	D.		P				
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	p						
REQ54 - Response Return Performance REQ55 - System Availability and Maintenance		P	P	P			
REQ55 - System Availability and Maintenance REQ56 - Secure Delivery of Requests and Responses							
REQ55 - System Availability and Maintenance REQ56 - Secure Delivery of Requests and Responses REQ57 - Resolution of Connectivity Issues	P	•		P			
REQ55 - System Availability and Maintenance REQ56 - Secure Delivery of Requests and Responses REQ57 - Resolution of Connectivity Issues REQ58 - Issue Resolution Services	P P	·		Р		_	
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REQ55 - System Availability and Maintenance REQ56 - Secure Delivery of Requests and Responses REQ57 - Resolution of Connectivity Issues REQ58 - Issue Resolution Services	P P	P	P	P P		P	