DTCC *Important Notice* The Depository Trust Company

B #:	0095-15
Date:	January 26, 2015
To:	All Clients
Category:	Settlement
From:	Settlement Product Management
Attention:	Managing Directors/Vice Presidents/Managers
Subject:	Reminder – Settlement Matching Phase 4

As outlined in DTC Important Notice 2359-14, clients are reminded that DTC is scheduled to begin the implementation of the fourth and final phase of the Settlement Matching initiative, which will subject all Institutional Deliveries to Receiver Authorized Delivery (RAD). The first step of phase four includes a few key changes, which are outlined below:

January 30, 2015 - DTC will enhance the RAD Limits Configuration screen to include the ID Trades profile setting. Clients will be able to view and modify these profile settings prior to them becoming effective on February 5th¹ when the initial step down will occur. See Appendix A for more about setting your ID Trades profile.

February 5, 2015 - Prior to the start of DTC's night cycle for the settlement of February 6th, all phase 4 components will be implemented and DTC will set its RAD default limits for ID Receives to \$15 million. On the following morning, clients will be able to access the ID Receiver Recap and ID Receiver Authorization Override screens. See Appendices B and C, respectively.

Following this step, DTC will continue to systemically lower its default RAD limits on ID receives until all ID receives are subject to RAD, upon which time the Settlement Matching initiative will be complete. See Appendix D for the full implementation schedule.

1

¹Clients should be aware that any change into or out of an Active setting with a global limit of \$0 will become effective immediately upon approval (not on February 5th, 2015). Additionally, the passive setting will not be applied on the night of February 5th for February 6th settling transactions. Clients will need to provide an active approval for any ID receives equal to or greater than \$15 million for any ID receives setting on February 6th. The passive profile setting will begin to be applied on transactions beginning the evening of February 6th (with a settling date of February 9th).

DTCC offers enhanced access to all important notices via a Web-based subscription service. The notification system leverages RSS Newsfeeds, providing significant benefits including real-time updates and customizable delivery. To learn more and to set up your own DTCC RSS alerts, visit http://www.dtcc.com/subscription_form.php.

Questions regarding this important notice may be directed to your Relationship Manger.

Appendix A

Your Profile Settings:

You can view your current ID Trades profile setting by selecting the "Limits Configuration" option under the "Profiles" tab in the Settlement Web's navigation bar.

Home	Activity	Position	Cash and Balances	Transaction Submission	Corr	mands	Profiles	Help	PBS Links	Nov 21, 2014 - 1:36:43 PM EST
IMS F	Receive	r Authori	ized Delivery			RAD Pro	files			
Home >	MS Recei	ver Authoriz	ed Delivery > Limits Configur	ation		Limits C	onfiguration		-	

To view your profile settings, select your DTC client number, if applicable then click "Search".

Home	Activity	Position	Cash and Balances	Transaction Submission	Commands	Profiles	Help	PBS Links	Nov 21, 2014 - 1	1:36:43 PM EST
IMS F	Receive	r Author	ized Delivery							
Home >	MS Rece	iver Authoriz	ed Delivery > Limits Configur	ation					Help	🖨 Print
Receive 1254	er ID ≭									
Searci	h Reset	Download	d RAD Limit Details							

The "Profile Type" that will govern the approval process for your ID Receives is the "ID Trades" profile. The example below shows a "PASSIVE" setting which, as a reminder, is the default setting for this profile and represents what most firms will see when they view their limits configuration screen for the first time².

 $^{^{2}}$ Early Adopters are the only exception to this rule. Early adopters accessing the limits configuration screen for the first time will see "Active Authorization" in the "Limit Type in Effect" column and a "0" populated in the "Limit in Effect" column.

DTCC Settlemen	t Services	TECT/DCE	come Log Out uel@dtcc.com Change Password
Home Activity Position Cash and Balan	ces Transaction Submission Comma	nds Profiles Help PBS Links	Nov 21, 2014 - 1:08:51 PM EST
IMS Receiver Authorized Delivery			
Home > IMS Receiver Authorized Delivery > Limits	Configuration		🔞 Help 🛛 🖨 Print
Receiver ID 🔆 1254			
Search Reset Download RAD Limit Details			
Search Results			
Receiver ID: 1254/FTS A/C #1			
Limits Configuration Global Limits	ilateral Limits Profile Changes Awaiting Appro	val	
Profile Type	Limit Type in Effect	Limit in Effect	Bilateral in Effect
DO - MMI	Global Limit	1,000	No
DO - Equity	Global Limit	250	Yes
DO - Corporate Bond	Global Limit	100,000	No
DO - Muni Bond	Global Limit	1,000	No
DO - Stock Loan	Global Limit	250,000	No
Payment Orders	Global Limit	1,000,000	No
ID Trades	Passive Authorization	N/A	N/A

A passive profile setting provides receiving clients with a straight-through-processing option from the point of Omgeo affirmation through DTC settlement. Clients leveraging this option will have all applicable ID receives³ go to RAD where they will be systemically approved by DTC prior to settlement. The impact to clients leveraging this profile setting through implementation will be as follows:

- February 5, 2015: ID receives equal to or in excess of \$15 million will be routed to RAD where they will be approved by DTC; ID receives less than \$15 million will bypass RAD⁴.
- February 12, 2015: ID receives equal to or in excess of \$25,000 will go to RAD where they will be approved by DTC; ID receives less than \$25,000 will bypass RAD.
- February 26, 2015: All ID receives will be routed to RAD where they will be approved by DTC.

Clients that do not want to utilize a passive authorization mode MUST override DTC's passive default setting. Properly provisioned users can make profile changes from the "Global Limits" tab and select either the "Active" or "Active w/ DTC Default" profile setting. Clients are reminded that all profile changes are subject to secondary approval prior to becoming effective.

³ Applies to any ID deliveries authorized by the deliverer on S-1 prior to the start of the night cycle. As a reminder, DTC will automatically switch all passive receive profile settings to active once DTC's night cycle begins. This "day-side" change to an active approval setting protects the receiving client from passively approving an ID receive in error by routing it to RAD where it awaits receiver action.

⁴ As noted on page 1 of this notice, DTC will not begin to apply the passive approval until the evening of February 6th for ID receives above \$15 Million.

Home	Activity Po	sition Cash	and Balances	Transactio	n Submission Co	ommands Profiles	Help PBS Links	Nov 21, 2014 - 1:36:4	43 PM EST
MS R	leceiver Au	uthorized D	elivery						
ome >	IMS Receiver A	Authorized Delive	y ≻ Limits Configura	ation				🕑 Help	🖨 Print
eceive 1254	er ID ≭								
1204									
iearch	Reset Do	ownload RAD Lir	nit Details						
earch	Results								
eceive	r ID: 1254/FTS /	A/C #1							
Lim	nits Configurat	tion Global I	imits Bilateral	Limits Pro	file Changes Awaiting	Approval			
			ş						
1	Actio New	n Delete	Profile	Туре	Status	Current Global Limit	New Global Limit	Comments	Audit
			DO -	MMI	Pending Approval	1,000	1,001		Audit
	\odot	Ô	DO - E	iquity	Active	250		×	Audit
	\bigcirc	-							
	0	0	DO - Corpo	rate Bond	Active	100,000		-	Audit
	0	0	DO - Corpo DO - Mu		Active Active	100,000			Audit
	-	-		ni Bond					
	0	0	DO - Mu	ni Bond ck Loan	Active	1,000			Audit
Active	O Actio	O O M	DO - Mu DO - Sto Payment	ni Bond ck Loan Orders	Active Active	1,000	New Global Limit		Audit Audit

The active profile setting provides a client with additional time to perform the applicable credit verifications required by routing ID receives to RAD where they await further action⁵.

Clients that want to follow DTC's default limits through the step downs should select the "Active w/ **DTC Default**" option. When this option is selected, the words "DTC Default" will appear in the "New Global Limit" field.

⁵ As noted on page 1, clients should be aware that any change into or out of an Active setting with a global limit of \$0 will become effective immediately upon approval (not on February 5th, 2015).

	Activity	Position	Cash and B	alances Tra	nsaction Submission	Commands F	Profiles Help	PBS Links	Nov 21, 201	14 - 1:36:43	PM EST
IS R	eceive	er Author	ized Delive	ry							
me >	IMS Rec	eiver Authoriz	ed Delivery > L	imits Configuration					🕜 Help	6	Print
eceive 254	r ID 苯										
iearch	Rese	t Download	I RAD Limit Det	ails							
earch	Results										
eceive	r ID: 1254	4/FTS A/C #1									
Lim	its Conf	iguration	Global Limits	Bilateral Limits	Profile Changes Awa	aiting Approval					
ľ	New	Action De	ete	Profile Type	Status	Current Glo	bal Limit	New Global Limit	Comments	s	Audi
				DO - MMI	Pending Approv	val 1,00	0	1,001			Audi
	~										
	\bigcirc		0	DO - Equity	Active	250				<u>.</u>	Audi
	0		©	DO - Equity DO - Corporate Bor		250				*	_
	-						00				Audi
	0		•	DO - Corporate Bor	nd Active	100,0	DO			*	Audit Audit
	0		0	DO - Corporate Bor DO - Muni Bond	Active Active	100,0	00 0 00			*	Audi Audi Audi
Active				DO - Corporate Bor DO - Muni Bond DO - Stock Loan	nd Active Active Active	100,0 1,00 250,0		New Global Limit	Comments		Audit Audit Audit Audit Audit

The impact to clients leveraging this profile setting through implementation will be as follows:

- February 5, 2015: ID receives equal to or in excess of \$15 million will be routed to RAD where they will await further action by your firm; ID receives less than \$15 million will bypass RAD.
- February 12, 2015: ID receives equal to or in excess of \$25,000 will go to RAD where they will await further action by your firm; ID receives less than \$25,000 will bypass RAD.
- February 26, 2015: All ID receives will be routed to RAD where they will await further action by your firm.

The "Active w/ DTC Default" option negates the clients need to continually reset their global limit to match that of DTC's step down limit. It is a temporary option that will only be applicable through the final step down. At that time, DTC will consider the global limit within your active profile to be zero until otherwise instructed⁶.

Clients that want to define their own global limit within their active profile should select the "Active" option. When this option is selected, a value must be assigned in the "New Global Limit" field, otherwise you will be informed that the "limit is invalid".

⁶ As a precaution, DTC will not coordinate the implementation of the new global limits screen without the "Active w/ DTC Default" option with the final step down. The new profile screens will be available shortly after the final step down.

	ion Cash and	Balances Transactio	on Submission	Commands Profiles	Help PBS Links	Nov 21, 2014 - 1:36:43	PM ES
ceiver Aut	horized Deliv	rery					
MS Receiver Aut	horized Delivery >	Limits Configuration	~			🙆 Help (🗎 Prir
ID 苯							
Reset Down	nload RAD Limit D	etails					
esults							
ID: 1254/FTS A/C	2 #1						
s Configuration	n Global Limit	Bilateral Limits Pro	ofile Changes Awaitir	ng Approval			
1 global limit p	profile update faile	d.					
Action	Delete	Profile Type	Status	Current Global Limit	New Global Lim	nit Comments	A
		DO - MMI	Pending Approval	1,000	1,001		A
0	O	DO - Equity	Active	250		· · · · · ·	A
0	0	DO - Corporate Bond	Active	100,000			A
0	O	DO - Muni Bond	Active	1,000			A
0	0	DO - Stock Loan	Active	250,000			Δ
0	O	Payment Orders	Active	1,000,000			Δ
	Passive	Profile Type	Status	Current Global Limit	New Global Lim	nit Comments	A
Action Active w/ DTC Default							
Action Active w/		🕕 Limit is invalid.					
Action		Passive	Passive	F8551VE			

DTC will accept any value in "New Global Limit" field, but if you choose to populate this field, clients should take note of the following processing rules:

- "0" (a zero): DTC will consider you to be an early adopter and begin to route all of your ID receives to RAD where they will await further action by your firm.
- A value less than DTC's default limits: DTC will route ID receives to RAD in accordance with its default limits.
- A value greater than DTC's default limits: DTC will route ID receives to RAD that are greater than <u>its default limits</u>.
 - If the ID receive is equal to or in excess of the global limit you've defined, the ID receive will be routed to RAD where it will await further action by your firm.
 - If the ID receive is less than your global limit BUT equal to or greater than DTC's default limit, the ID receive will be routed to RAD where it will be systemically approved by DTC (caution: transactions below the global limit but above the DTC default limit will be treated as original deliveries and not override DTC's risk controls and will be subject to the receiver's approval).

Appendix B

The "ID Receiver Recap" screen, located under the "Activity" tab of the navigation bar provides clients with a status summary of their ID receive activity.

Home	Activity	Position	Cash and Balances	Transaction Submission	Commands	Profiles	Help	PBS Links	Dec 5, 2014 - 12:	:24:17 PM EST
	Activity In	nquiry		IMS Transactions			7/2			
ID Re	Pending /	Activity		Total Recap by Transaction Type						
Home ≍	RAD Tran	sactions		Total Recap By Asset Within Transactio	n Type				(2) Help	🖨 Print
Home -	RAD Sna	pshot Inquiry		ID Receiver Recap	•				Holp	- The

The report is divided into two sections. The top section displays your "Potential MITS Receives" as these are items awaiting deliverer authorization. This total will increase as DTC receives additional affirmed instructions from Omgeo and decrease as the delivering client authorizes their ID deliveries. Items become RAD eligible once they've received deliverer authorization. The lower section of the report displays the status of your ID receives that are RAD eligible.

Participant ID * Business Date * 00002669 12/05/2014			
Search Reset			
	Status	Items	Amount
Potential MITS Receives	Awaiting Deliverer Authorization	375	49,398,408.70
RAD Eligible Items (Deliverer Authorized Deliveries)	Unapproved	14,415	2,086,439,147.53
	Approved	0	0.00
	Cancelled	0	0.00
	Dropped	0	0.00
	Total RAD Eligible Items	14,415	2,086,439,147.53
* Excludes MMI Transactions			

Appendix C

ID receivers electing a passive authorization mode may block specific ID receives from being approved prior to the application of the passive ID Trades profile. The "ID Receiver Authorization Override" screen is located under the "Activity" tab of the navigation bar.

Home	Activity Position	Cash and Balances	Transaction Submission	Co	mmands	Profiles	Help	PBS Links		Dec 5, 2014 - 9:1	06:38 AM EST
	Activity Inquiry	IMS	Transactions					/			11111111
Settle	Pending Activity	To	Total Recap by Transaction Type								
	RAD Transactions	Τσ	al Recap By Asset Within Transaction 1	ype					-8 111		0
Dashboa	RAD Snapshot Inquiry	ID	Receiver Recap								🗎 Print
Settle	Secondary Transaction	Approval Inquiry ID	Receiver Authorization Override	-	erts for 12	2/05/2014				Refresh	Customize

The new screen will show clients a list of their ID receives for a given settlement date and receiving clients will be allowed to select certain ID receives for which they do not want to passively authorize. Any selected receive will override the receiver's passive approval profile meaning that DTC will not approve the receive on S-1 from RAD on your behalf. Instead, the transaction will remain unapproved in RAD awaiting further action. The cutoff for clients to submit override instructions is 5:00 p.m. on S-1 because it is at this time when DTC will apply the passive approval setting in your profile to all of your ID receives. Clients are reminded that they may reverse approved items prior to the start of the night cycle either through the settlement web or automated means.

Home	Activity	Position	Cash and Ba	lances	Transaction Submission	Commands	Profiles Hel	p PBS L	.inks	Sep 2	5, 2014 - 3:12:16 F	PM EDT
D Red	ceiver	Authoriz	ation Overri	de								
Home >	ID Receiv	er Authorizat	tion Override							0	telp 🔒	Print
Participa 1255	ant ID ≭		ontrol Number	Business 09/30/201		ation Mode						
CUSIP 459200	101	Cor	ntra	Asset Clas All Classe								
	Reset Results	transa to A clic	ox to switch ction status .ctive and k Submit pelow.)							Pa	age 1
Swite Activ		Swin to	Control Number	CUSIP	Asset Class	Shares	Amour	nt	Settlement Date	Contra	Intended Authorization Mode	Auc
V			9140925252	459200101	Equities	2,025	16,00	0,025.00	2014-09-30	00001250	Passive	Auc
	1		9140925262	459200101	Equities	2,026	16,00	0,026.00	2014-09-30	00001250	Passive	Au
			9140925272	459200101	Equities	2,027	16,00	0,027.00	2014-09-30	00001250	Passive	Au
	1		9140925282	459200101	Equities	2,028	16,00	0,028.00	2014-09-30	00001250	Passive	Au
			<u>9140925292</u>	459200101	Equities	2,029	16,00	0,029.00	2014-09-30	00001250	Passive	Au
	3		9140925302	459200101	Equities	2,030	16,00	0,030.00	2014-09-30	00001250	Passive	Au
Submit	Reset											
	2044 The	Deperitory	T (A A I)	- C	n Legal Information Privacy Poli			_	_	_	_	

Appendix D

The Implementation Plan:

- 1. January 30, 2015: Clients will be able to view and modify their ID Trades profile settings prior to them becoming effective on February 5th when the initial step down will occur.
- February 5, 2015: Prior to the start of DTC's night cycle for the settlement of February 6th, all phase 4 components will be implemented and DTC will set its RAD default limits for ID Receives to \$15 million. At this level, approximately 1% of ID receives will become RAD eligible and be processed according to your RAD profile limits⁷. In addition to the new RAD limit for ID receives, clients will be introduced to two new Settlement Web tools:
 - The "ID Receiver Recap" screen which will provide clients with a status snapshot of their ID receive approvals (see appendix A)
 - The "ID Receiver Authorization Override" screen which will allow clients to withhold an item from being passively approved (see appendix B)
- 3. February 12, 2015: DTC's RAD default limits for ID receives will be reduced to \$25,000. At this level, approximately 50% of the remaining ID receives will become RAD eligible. This new limit will be effective for any ID receive, including those staged for night cycle processing on February 12th which would then settle on February 13th.
- 4. February 26. 2015: DTC's RAD default limits for ID receives will be set to \$0. This new limit will be effective for any ID receive, including those staged for night cycle processing on February 26th which would then settle on February 27th. This action will mark the completion of phase 4 and the overall settlement matching initiative.

⁷ It should be noted that RAD output for these new RAD eligible receives will be made available to subscribers at approximately 8:45 p.m. as the night cycle progresses. It is not until the following day, February 6, when DTC will begin to accept RAD updates and make RAD output available as early as 5:00 p.m.