

CCF CORPORATE ACTIONS REORGANIZATIONS LIFECYCLE FILES AND THEIR ISO 2022 MESSAGE EQUIVALENTS						
CCF File Name	Record Format	Phase	Description	ISO Message	ISO Subscription	Timing
RAMPOS	RAMPOS	Reorganizations (Phase 5)	The Custody Position File for Reog/Redemptions lists each position that is in custody and has a Reorganization or Redemption that has affected that status of that CUSIP. (1 file daily).	N/A Out of scope. Include changes to this file in Phase 5 to accommodate new data model terminology and add new requirements (CA ID, event, sub-event, etc.)	Reorg Phase 5 (Specific Subscription TBD)	Normally available from approximately 12:30 a.m. through 8:30 a.m. the following day.
RDMENT	RDMENT	Reorganizations (Phase 5)	Information about Entitlements for Reorg Deposits on a day. "Reorg Deposits Entitlement". Enables clients to receive information about their entitlement for Reorg deposits made on a specific day through the DAMP function. Each day, RDMENT generates a file that details stock and cash entitlements per deposit.	N/A Out of scope. Include changes to this file in Phase 5 to accommodate new data model terminology and add new requirements (CA ID, event, sub-event, etc.)	Reorg Phase 5 (Specific Subscription TBD)	Generally available from 12:00 midnight to 4:00 p.m. Eastern Time.
MMIRD	REORDP	Distributions (Phase 3) Redemptions (Phase 4) Reorganizations (Phase 5)	"Record Date Positions". The file contains DTC Reorg and Record Date position information for reorganization MMI events.	Replaced by Corporate Action Notification (seev.031.002 CANO Eligible Balance)	CANO-E	Generally available from 5:00 a.m. to 5:00 p.m. the day following Record date.
REORDP	REORDP	Reorganizations (Phase 5)	"Record Date Positions". The file contains DTC Reorg and Record Date position information for reorganization events.	Replaced by Corporate Action Notification (seev.031.002 CANO Eligible Balance)	CANO-E (Reorg only)	Generally available from 5:00 a.m. to 5:00 p.m. the day following Record date.
CSHRAL	CSHDAL	Redemptions (Phase 4) Reorganizations (Phase 5)	MMI maturity (redemptions) and reorganization presentment payments allocated on the current business day.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Redemptions and Reorg only)	4:00 (allocated maturity and reorg presentments)
CSHRPJ	CSHDAL	Redemptions (Phase 4) Reorganizations (Phase 5)	Projected allocations for MMI maturity (redemptions) and reorganization presentments. Contains all the projected allocations for the current day plus the upcoming five DTC settlement (non bank holiday) business days.	Replaced by Corporate Action Movement Preliminary Advice (seev.035.002 CAPA) message	CAPA (Redemptions and Reorg only)	4:00 a.m. - 4:00 p.m. (projected maturity and reorg presentments)
CSHRUN	CSHDAL	Redemptions (Phase 4) Reorganizations (Phase 5)	Unallocated MMI maturity (redemptions) and reorganization presentment payments at the end of the business settlement period each day.	Replaced by Corporate Action Event Processing Status Advice (seev.032.002 CAPS) message	CAPS (Redemptions and Reorg only)	4:00 (unallocated maturity and reorg presentments)

CSHPRJ	CSHSET	Distributions (Phase 3) Redemptions (Phase 4) Reorganizations (Phase 5)	Projected allocations for the current day plus the upcoming 5 DTCC settlement (non bank holidays) business days.	Replaced by Corporate Action Movement Preliminary Advice (seev.035.002 CAPA) message	CAPA <i>(Note: Projections begin on pay date minus 7)</i>	4:00 a.m. - 4:00 p.m. (projected allocations)
CSHSET	CSHSET	Distributions (Phase 3) Redemptions (Phase 4) Reorganizations (Phase 5)	A full end of day file that contains all cash allocations for a single business day.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO	5:00 p.m. (cumulative allocated funds)
CSHSTA - CSHSTG	CSHSET	Distributions (Phase 3) Redemptions (Phase 4) Reorganizations (Phase 5)	Client's cash allocation information on an hourly basis.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO	CSHSTA 10:15 a.m. (allocated funds) CSHSTB 11:15 a.m. (allocated funds) CSHSTC 12:15 p.m. (allocated funds) CSHSTD 1:15 p.m. (allocated funds) CSHSTE 2:15 p.m. (allocated funds) CSHSTF 3:15 p.m. (allocated funds) CSHSTG 4:15 p.m. (allocated funds)
CSHS01 - CSHS13	CSHSET	Distributions (Phase 3) Redemptions (Phase 4) Reorganizations (Phase 5)	Client's cash allocation information every 30 minutes.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO	CSHS01 9:40 a.m. (allocated funds) CSHS02 10:10 a.m. (allocated funds) CSHS03 10:40 a.m. (allocated funds) CSHS04 11:10 a.m. (allocated funds) CSHS05 11:40 a.m. (allocated funds) CSHS06 12:10 p.m. (allocated funds) CSHS07 12:40 p.m. (allocated funds) CSHS08 1:10 p.m. (allocated funds) CSHS09 1:40 p.m. (allocated funds) CSHS10 2:10 p.m. (allocated funds) CSHS11 2:40 p.m. (allocated funds) CSHS12 3:10 p.m. (allocated funds) CSHS13 3:30 p.m. (allocated funds)
CSHUNL	CSHSET	Distributions (Phase 3) Redemptions (Phase 4) Reorganizations (Phase 5)	An end of day file containing all unallocated funds.	Replaced by Corporate Action Event Processing Status Advice (seev.032.002 CAPS) message	CAPS	4:00 p.m. (all unallocated funds)

CSHFGA	CSHFGDTF cob copy	Distributions (Phase 3) Reorganizations (Phase 5)	Foreign Cash Allocation Information (Allocated Fund Report). A full end of day file of all foreign currency cash and adjustment allocations for a single business day.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO	Created at approximately 15:30 daily.
STKPND	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Projected Stock Allocations. Enables clients to receive notifications of any known allocations including transactions up to 5 days in the future.	Replaced by Corporate Action Movement Preliminary Advice (seev.035.002 CAPA) message	CAPA (Distributions only)	Produced once daily. Available from 4:00 a.m. to 6:00 p.m.
STKSTA	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	10:00 a.m.
STKSTB	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	11:00 a.m.
STKSTC	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	12:00 noon
STKSTD	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	1:00 p.m.
STKSTE	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	2:00 p.m.
STKSTF	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	3:00 p.m.

STKSTG	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	4:00 p.m.
STKSTH	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	5:00 p.m.
STKSTI	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	Enables clients to receive stock distributions allocated that day, by means of hourly files reporting intra-day allocations, and one final intra-day allocation file.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	6:00 p.m.
STKUND	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	End of day cumulative file that contains all stock distributions unallocated on the current date.	Replaced by Corporate Action Event Processing Status Advice (seev.032.002 CAPS) message	CAPS	6:00 p.m.
STKSTL	SDARSTK	Distributions (Phase 3) Reorganizations (Phase 5)	End of day cumulative file that contains all stock distributions that allocated that day.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO	6:00 p.m.
IRT1/5	IRTCT	Reorganizations (Phase 5)	Rights Instructions (Rights Subscription, Protects, Cover Protects to DTC/Agent) - Customer Record	Replaced by Corporate Action Instruction (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC) messages	CAIN CACS CAIS CAIC	Before the expiration date of the offering: 1. MDH - IRT1 available between 6:00 a.m. and 12:00 p.m. 2. CCF - IRT5 available between 6:00 a.m. and 12:00 p.m. 3. CFII - IRT5 available between 6:00 a.m. and 12:00 p.m. On the expiration date of the offering: 1. MDH - IRT1 available between 6:00 a.m. and 10:00 a.m. 2. CCF - IRT5 available between 6:00 a.m. and 10:00 a.m. 3. CFII - IRT5 available between 6:00 a.m. and 10:00 a.m.
IRT1/5	IRTCTL	Reorganizations (Phase 5)	Rights Instructions (Rights Subscription, Protects, Cover Protects to DTC/Agent) - Control Record	Replaced by Corporate Action Instruction (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC) messages	CAIN CACS CAIS CAIC	

IRT1/5	IRTLUW	Reorganizations (Phase 5)	Rights Instructions (Rights Subscription, Protects, Cover Protects to DTC/Agent) - End Transaction Record (Logical Unit of Work)	Replaced by Corporate Action Instruction (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC) messages	CAIN CACS CAIS CAIC	
RPP1/5	RPPCST	Reorganizations (Phase 5)	Put Instructions - Customer Record. Enables clients to transmit subscription instructions to submit a voluntary offering instruction for an active put bond	Replaced by Corporate Action Instructions (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC)	CAIN CACS CAIS CAIC	Before the expiration date of the offering: 1. MDH - RPP1 available between 0600: 1200 2. CCF - RPP5 available between 0600: 1200 3. CFII - RPP5 available between 0600: 1200 On the expiration date of the offering: 1. MDH - RPP1 available between 0600: 1200 2. CCF - RPP5 available between 0600: 1200 3. CFII - RPP5 available between 0600: 1200
RPP1/5	RPPDTL	Reorganizations (Phase 5)	Put Instructions - Detail Record	Replaced by Corporate Action Instruction (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC) messages	CAIN CACS CAIS CAIC	
RPP1/5	RPPOUT	Reorganizations (Phase 5)	Put Instructions - Output Record	Replaced by Corporate Action Instruction Status Advice (seev.034.002 CAIS) and Corporate Action Instruction Cancellation Request Status Advice (seev.041.002 CACS)	CAIN CACS CAIS CAIC	
RTP1/5	RTPDTL	Reorganizations (Phase 5)	Tenders Instructions (Submit, Protects, Cover Protects, Withdrawal) - Detail Record	Replaced by Corporate Action Instruction (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC) messages	CAIN CACS CAIS CAIC	

RTPOUT	RTPOUT	Reorganizations (Phase 5)	Tenders Instructions (Submit, Protects, Cover Protects, Withdrawal) - Output Record. Enables clients and issuing agents to use interactive messaging to receive confirmation messages and Back End Rejects for Tender Voluntary Offering Instructions, Protects and Cover Protect instructions sent to DTC.	Replaced by Corporate Action Instruction Status Advice (seev.034.002 CAIS) and Corporate Action Instruction Cancellation Request Status Advice (seev.041.002 CACS)	CAIN CACS CAIS CAIC	Timing not mentioned in the CCF document.
RWP1/5	RWPCER	Reorganizations (Phase 5)	Warrant Instructions (Submit, Protects, Cover Protects, Withdrawal) - Certificate Information	Replaced by Corporate Action Instruction (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC) messages		
RWP1/5	RWPDTL	Reorganizations (Phase 5)	Warrants Instructions (Submit, Protects, Cover Protects, Withdrawal) - Detail Record	Replaced by Corporate Action Instruction (seev.033.002 CAIN) and Corporate Action Instruction Cancellation Request (seev.040.002 CAIC) messages	CAIN CACS CAIS CAIC	