

## CCF CORPORATE ACTIONS DISTRIBUTIONS LIFECYCLE FILES AND THEIR ISO 2002 MESSAGE EQUIVALENTS

CCF File Name	Record Format	Phase	Description	ISO Message	ISO Subscription	Timing
DIVRDP	DIVRDP	Distributions (Phase 3)	Record Date Position and interim activities/adjustments, Stock Loan Repo/Fail positions "Dividend Record Date Position Statement". DIVRDP enables clients to receive their closing positions in record date securities and any adjustments to these securities. There are separate categories for Stock Loan, Repo and Fail positions for each payment type. For cash payments, shares and dollar amount due are reported. (1 file daily).	Replaced by Corporate Action Notification (seev.031.002 CANO Eligible Balance)	CANO-E	Normally available from approximately 4:00 a.m. through 4:30 p.m. daily.
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.
MMIDC1	CSHMICCF cob copy	Distributions (Phase 3)	MMI Cash Allocation (Start of Day MMI Div Cash Allocation Information)	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO/CARE	Start of day.
MMIDC2	CSHMICCF cob copy	Distributions (Phase 3)	MMI Cash Allocation (End of Day MMI Div Cash Allocation Information)	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO/CARE	End of day.

CSHDAL	CSHDAL	Distributions (Phase 3)	Money Market Instrument Interest and Principal payments allocated on the current business day.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	4:00 p.m. (allocated interest and principal payments)
CSHDPJ	CSHDAL	Distributions (Phase 3)	Projected allocations for MMI interest and principal payments. Contains all the projected allocations for the current day and the upcoming five DTC settlement (non bank holiday) business days.	Replaced by Corporate Action Movement Preliminary Advice (seev.035.002 CAPA) message	CAPA (Distributions only)	4:00 a.m. - 4:00 p.m. (projected interest and principal allocations)
CSHDUN	CSHDAL		Unallocated MMI interest and principal payments at the end of the business settlement period each day.	Replaced by Corporate Action Movement Preliminary Advice (seev.032.002 CAPS) message	CAPS (Distributions only)	4:00 p.m. (unallocated interest and principal allocations)
CSHEUD	CSHSET	Distributions (Phase 3) Redemptions (Phase 4)	All unallocated funds with updated reason codes including reason codes for funds received after settlement.	Replaced by Corporate Action Event Processing Status Advice (seev.032.002 CAPS) message	CAPS (Distributions and Redemptions only)	7:30 p.m. (all unallocated funds with updated reason codes)
CSHEU1	CSHSET	Distributions (Phase 3) Redemptions (Phase 4)	All unallocated funds with updated reason codes including reason codes for funds received after settlement.	Replaced by Corporate Action Event Processing Status Advice (seev.032.002 CAPS) message	CAPS (Distributions and Redemptions only)	6:15 p.m. (all unallocated funds with updated reason codes)
CSHEU2	CSHSET	Distributions (Phase 3) Redemptions (Phase 4)	All unallocated funds with updated reason codes including reason codes for funds received after settlement.	Replaced by Corporate Action Event Processing Status Advice (seev.032.002 CAPS) message	CAPS (Distributions and Redemptions only)	5:15 p.m. (all unallocated funds with updated reason codes)

CSHIUA - CSHIUC	CSHSET	Distributions (Phase 3) Redemptions (Phase 4)	Cash Allocation Information (Unallocated Fund Report) for Dividends and Redemptions. Notice of the current pay date cash non- allocations, especially issues in default and issues not funded by the agent.	Replaced by Corporate Action Event Processing Status Advice (seev.032.002 CAPS) message	CAPS	CHSIUA 12:30 p.m. (non allocating funds) CSHIUB 1:30 p.m. (non allocating funds) CSHIUC 2:45 p.m. (non allocating funds)
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)

CSHFGP	CSHFGDTF cob copy	Distributions (Phase 3)	Cash Allocation Information (Projected Fund Report). Foreign Currency Projected Allocation file. Contains all projected allocations for the current day plus the upcoming 5 DTCC settlement business days.	Replaced by Corporate Action Movement Preliminary Advice (seev.035.002 CAPA) message	CAPA	Created at approximately 1:00 daily.
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.
STKDIS	SDARSTK	Distributions (Phase 3)	Stock Distributions Allocations. Contains overnight stock allocations.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO (Distributions only)	Produced once daily at 1:00 a.m.
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.
STKSPL	SDARSTK	Distributions (Phase 3)	End of day file that contains supplemental data not available in STKSTL - allocated Stock Pledges.	Replaced by Corporate Action Movement Confirmation (seev.036.002 CACO) message	CACO	Produced at end of day (16:30).