

Compression Cycle Open Interest Change Report

March 24, 2020

Description

Summary

There are 3 Compression Cycle Net Open Interest (OI) reports broken out by Futures, Puts and Calls in the tabs below

This report provides net change in open interest by Futures, Calls and Puts. The format of this report follows the structure below.

Futures

Product	Period Code	Net OI Change
Product Total		<i>Net change in OI for Futures by Product</i>
Grand Total		<i>Net change in OI across all Futures</i>

Calls

Product	Period Code	Strike	Net OI Change
Product Total			<i>Net change in OI for Calls by product</i>
Period Code Total	<i>YYYYMM Total</i>		<i>Net change in OI for Calls by period code</i>
Product Detail	<i>YYYYMM</i>	<i>1234</i>	<i>Net change in OI for Calls by strike</i>
Grand Total			<i>Net change in OI across all Calls</i>

Puts

Product	Period Code	Strike	Net OI Change
Product Total			<i>Net change in OI for Puts by product</i>
Period Code Total	<i>YYYYMM Total</i>		<i>Net change in OI for Puts by period code</i>
Product Detail	<i>YYYYMM</i>	<i>1234</i>	<i>Net change in OI for Puts by strike</i>
Grand Total			<i>Net change in OI across all Puts</i>

No Futures Net OI Change

Calls Net OI Change

Prod Code	Period Code	Strike	Net OI Change
E1A			-249
E1A	202004		-249
E1A	202004	2300	-3
E1A	202004	2350	-20
E1A	202004	2405	-2
E1A	202004	2410	-3
E1A	202004	2415	-4
E1A	202004	2430	-5
E1A	202004	2445	-3
E1A	202004	2450	-3
E1A	202004	2455	-4
E1A	202004	2460	-4
E1A	202004	2470	-9
E1A	202004	2475	-1
E1A	202004	2490	-63
E1A	202004	2510	-4
E1A	202004	2515	-4
E1A	202004	2520	-3
E1A	202004	2525	-2
E1A	202004	2530	-3
E1A	202004	2535	-3
E1A	202004	2540	-4
E1A	202004	2550	-4
E1A	202004	2585	-4
E1A	202004	2600	-1
E1A	202004	2610	-25
E1A	202004	2620	-13
E1A	202004	2700	-8
E1A	202004	2800	-1
E1A	202004	2850	-6
E1A	202004	3100	-1
E1A	202004	3150	-17
E1A	202004	3250	-22
E1C			-2109
E1C	202004		-2109
E1C	202004	2330	-2
E1C	202004	2335	-2
E1C	202004	2340	-2

E1C	202004	2375	-1
E1C	202004	2390	-3
E1C	202004	2395	-5
E1C	202004	2410	-3
E1C	202004	2415	-2
E1C	202004	2420	-3
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E1C	202004	2450	-3
E1C	202004	2455	-3
E1C	202004	2460	-3
E1C	202004	2470	-22
E1C	202004	2475	-3
E1C	202004	2485	-35
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E1C	202004	2530	-6
E1C	202004	2535	-6
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E1C	202004	2565	-1
E1C	202004	2570	-9
E1C	202004	2575	-6
E1C	202004	2580	-19
E1C	202004	2605	-6
E1C	202004	2615	-9
E1C	202004	2640	-41
E1C	202004	2655	-46
E1C	202004	2660	-2
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E1C	202004	2680	-7
E1C	202004	2690	-12
E1C	202004	2695	-64
E1C	202004	2705	-27
E1C	202004	2725	-23
E1C	202004	2735	-13
E1C	202004	2745	-5

E1C	202004	2750	-244
E1C	202004	2755	-5
E1C	202004	2760	-35
E1C	202004	2765	-24
E1C	202004	2770	-25
E1C	202004	2785	-6
E1C	202004	2800	-25
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E1C	202004	2810	-33
E1C	202004	2815	-39
E1C	202004	2820	-33
E1C	202004	2840	-36
E1C	202004	2850	-537
E1C	202004	2900	-2
E1C	202004	2950	-1
E1C	202004	2970	-30
E1C	202004	3025	-1
E1C	202004	3100	-25
E2A			-44
E2A	202004		-44
E2A	202004	2500	-15
E2A	202004	2520	-4
E2A	202004	2525	-4
E2A	202004	2540	-1
E2A	202004	2545	-4
E2A	202004	2550	-8
E2A	202004	2555	-8
E2C			-236
E2C	202004		-236
E2C	202004	2300	-1
E2C	202004	2330	-1
E2C	202004	2465	-4
E2C	202004	2530	-4
E2C	202004	2540	-1
E2C	202004	2545	-4
E2C	202004	2555	-4
E2C	202004	2560	-4
E2C	202004	2570	-5
E2C	202004	2585	-5
E2C	202004	2630	-25
E2C	202004	2670	-50

E2C	202004	2680	-40
E2C	202004	2685	-25
E2C	202004	2700	-6
E2C	202004	2705	-49
E2C	202004	2710	-4
E2C	202004	2715	-4
E3C			-1
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E3C	202004	2400	-1
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ES	202006		-34994
ES	202006	2150	-9
ES	202006	2200	-120
ES	202006	2260	-10
ES	202006	2300	-741
ES	202006	2320	-16
ES	202006	2325	-24
ES	202006	2350	-41
ES	202006	2370	-293
ES	202006	2375	-1
ES	202006	2390	-17
ES	202006	2410	-50
ES	202006	2420	-104
ES	202006	2425	-40
ES	202006	2440	-1
ES	202006	2450	-432
ES	202006	2500	-1352
ES	202006	2510	-46
ES	202006	2520	-100
ES	202006	2530	-150
ES	202006	2540	-74
ES	202006	2550	-100
ES	202006	2560	-184
ES	202006	2570	-28
ES	202006	2580	-42
ES	202006	2590	-153
ES	202006	2600	-2783
ES	202006	2610	-280
ES	202006	2620	-122
ES	202006	2630	-9
ES	202006	2640	-117

ES	202006	2650	-560
ES	202006	2660	-19
ES	202006	2670	-90
ES	202006	2690	-100
ES	202006	2700	-362
ES	202006	2720	-205
ES	202006	2750	-375
ES	202006	2760	-82
ES	202006	2770	-304
ES	202006	2775	-40
ES	202006	2780	-29
ES	202006	2790	-125
ES	202006	2800	-1141
ES	202006	2810	-33
ES	202006	2820	-304
ES	202006	2825	-34
ES	202006	2830	-75
ES	202006	2840	-462
ES	202006	2850	-29
ES	202006	2860	-100
ES	202006	2870	-109
ES	202006	2880	-4
ES	202006	2890	-20
ES	202006	2910	-127
ES	202006	2920	-1313
ES	202006	2925	-273
ES	202006	2930	-355
ES	202006	2940	-333
ES	202006	2950	-1020
ES	202006	2960	-127
ES	202006	2970	-1280
ES	202006	2975	-72
ES	202006	2980	-318
ES	202006	2990	-950
ES	202006	3000	-1009
ES	202006	3010	-158
ES	202006	3020	-511
ES	202006	3030	-85
ES	202006	3040	-829
ES	202006	3050	-1331
ES	202006	3060	-222

ES	202006	3070	-1113
ES	202006	3075	-3
ES	202006	3080	-206
ES	202006	3090	-504
ES	202006	3100	-183
ES	202006	3110	-219
ES	202006	3120	-709
ES	202006	3125	-87
ES	202006	3130	-122
ES	202006	3140	-712
ES	202006	3150	-179
ES	202006	3160	-25
ES	202006	3170	-146
ES	202006	3175	-442
ES	202006	3180	-63
ES	202006	3190	-112
ES	202006	3210	-375
ES	202006	3220	-51
ES	202006	3225	-4
ES	202006	3230	-114
ES	202006	3240	-274
ES	202006	3250	-807
ES	202006	3260	-260
ES	202006	3270	-45
ES	202006	3275	-14
ES	202006	3280	-117
ES	202006	3290	-61
ES	202006	3300	-234
ES	202006	3310	-102
ES	202006	3320	-358
ES	202006	3325	-200
ES	202006	3330	-25
ES	202006	3340	-100
ES	202006	3350	-329
ES	202006	3360	-150
ES	202006	3370	-181
ES	202006	3380	-23
ES	202006	3390	-181
ES	202006	3400	-1029
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ES	202006	3420	-50

ES	202006	3440	-109
ES	202006	3450	-125
ES	202006	3460	-81
ES	202006	3470	-139
ES	202006	3480	-129
ES	202006	3490	-12
ES	202006	3500	-108
ES	202006	3510	-78
ES	202006	3520	-22
ES	202006	3530	-4
ES	202006	3540	-100
ES	202006	3550	-100
ES	202006	3560	-66
ES	202006	3580	-45
ES	202006	3600	-75
ES	202006	3610	-27
ES	202006	3620	-100
ES	202006	3640	-37
ES	202006	3660	-38
ES	202006	3670	-2
ES	202006	3680	-25
ES	202006	3690	-61
ES	202006	3700	-784
ES	202006	3750	-428
ES	202006	3850	-28
ES	202006	3950	-7
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ES	202009	2500	-129
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ES	202009	2600	-1022
ES	202009	2725	-50
ES	202009	2750	-741
ES	202009	2800	-300
ES	202009	2900	-1424
ES	202009	2925	-125
ES	202009	2950	-556
ES	202009	3000	-401
ES	202009	3050	-950
ES	202009	3150	-757

ES	202009	3200	-591
ES	202009	3250	-100
ES	202009	3300	-230
ES	202009	3325	-106
ES	202009	3350	-132
ES	202009	3375	-41
ES	202009	3400	-1
ES	202009	3450	-1201
ES	202009	3500	-160
ES	202009	3600	-6
ES	202009	3650	-57
ES	202009	4050	-13
EV1			-99
EV1	202004		-99
EV1	202004	2600	-101
EV1	202004	2750	2
EV3			-338
EV3	202004		-331
EV3	202004	3390	-62
EV3	202004	3400	-125
EV3	202004	3410	-144
EV3	202005		-7
EV3	202005	2300	-2
EV3	202005	3450	-5
EW			-12225
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EW	202004	2270	-100
EW	202004	2290	-2
EW	202004	2300	-36
EW	202004	2350	-100
EW	202004	2390	-74
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EW	202004	2430	-10
EW	202004	2450	-50
EW	202004	2460	-6
EW	202004	2470	-4
EW	202004	2480	-6
EW	202004	2500	-330

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EW	202004	2530	-93
EW	202004	2550	-100
EW	202004	2560	-50
EW	202004	2570	-21
EW	202004	2590	-1
EW	202004	2630	-1
EW	202004	2650	-100
EW	202004	2660	-32
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EW	202004	2760	-9
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EW	202004	2800	-451
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EW	202004	2820	-131
EW	202004	2830	-2
EW	202004	2840	-5
EW	202004	2860	-11
EW	202004	2870	-25
EW	202004	2880	-250
EW	202004	2910	-30
EW	202004	2930	-75
EW	202004	2940	-912
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EW	202004	2960	-12
EW	202004	2970	-49
EW	202004	2980	-100
EW	202004	2990	-75
EW	202004	3000	-229
EW	202004	3010	-158
EW	202004	3020	-179
EW	202004	3030	-307
EW	202004	3040	-49
EW	202004	3050	-420
EW	202004	3060	-199
EW	202004	3070	-150

EW	202004	3090	-5
EW	202004	3110	-50
EW	202004	3150	-100
EW	202004	3160	-139
EW	202004	3170	-100
EW	202004	3180	-3
EW	202004	3190	-100
EW	202004	3230	-36
EW	202004	3280	-1
EW	202004	3300	-187
EW	202004	3310	-151
EW	202004	3330	-1
EW	202004	3340	-4
EW	202004	3350	-92
EW	202004	3360	-25
EW	202004	3380	-100
EW	202004	3400	-76
EW	202004	3430	-50
EW	202004	3450	-13
EW	202004	3470	-21
EW	202004	3480	-1
EW	202004	3490	-17
EW	202004	3500	-43
EW	202005		-1933
EW	202005	2300	-37
EW	202005	2320	-17
EW	202005	2350	-15
EW	202005	2400	-91
EW	202005	2450	-99
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EW	202005	2590	-1
EW	202005	2600	-65
EW	202005	2620	-131
EW	202005	2650	-21
EW	202005	2660	-116
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EW	202005	2720	-100
EW	202005	2780	-26
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EW	202005	2840	-25

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EW	202005	3040	-41
EW	202005	3050	-46
EW	202005	3060	-4
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EW	202005	3210	-56
EW	202005	3220	-45
EW	202005	3230	-18
EW	202005	3250	-96
EW	202005	3270	-50
EW	202005	3290	-12
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EW	202006	2220	-9
EW	202006	2230	-11
EW	202006	2240	-2
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EW	202006	3050	-25
EW	202006	3070	-75
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EW	202007	2600	-150
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EW	202007	2990	-30
EW	202007	3000	-29
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EW	202007	3500	-1
EW	202007	3510	-25
EW	202007	3680	-17
EW	202007	3690	-43
EW	202007	3950	-2
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EW	202008	2550	-91
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EW	202008	2820	-17
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EW	202008	2920	-10
EW	202008	2930	-23
EW	202008	2940	-23
EW	202008	3130	-25
EW	202008	3160	-29
EW	202008	3200	-25
EW	202008	3290	-16
EW	202008	3500	-26
EW	202008	3600	-10

EW1			-4144
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EW1	202004	2140	-2
EW1	202004	2155	-2
EW1	202004	2170	-2
EW1	202004	2175	-2
EW1	202004	2225	-2
EW1	202004	2230	-1
EW1	202004	2240	-11
EW1	202004	2245	-7
EW1	202004	2260	-1
EW1	202004	2265	-1
EW1	202004	2275	-4
EW1	202004	2280	-1
EW1	202004	2285	-2
EW1	202004	2300	-10
EW1	202004	2320	-4
EW1	202004	2350	-100
EW1	202004	2370	-103
EW1	202004	2375	-5
EW1	202004	2385	-3
EW1	202004	2395	-49
EW1	202004	2400	-100
EW1	202004	2420	-5
EW1	202004	2425	-147
EW1	202004	2430	-3
EW1	202004	2450	-100
EW1	202004	2460	-7
EW1	202004	2465	-25
EW1	202004	2470	-4
EW1	202004	2475	-1
EW1	202004	2490	-1
EW1	202004	2495	-12
EW1	202004	2500	-98
EW1	202004	2510	-25
EW1	202004	2520	-5
EW1	202004	2530	-4
EW1	202004	2535	-1
EW1	202004	2540	-3
EW1	202004	2545	-8

EW1	202004	2550	-85
EW1	202004	2565	-7
EW1	202004	2570	-8
EW1	202004	2575	-209
EW1	202004	2580	-9
EW1	202004	2585	-10
EW1	202004	2595	-1
EW1	202004	2600	-166
EW1	202004	2605	-26
EW1	202004	2615	-25
EW1	202004	2620	-6
EW1	202004	2625	-69
EW1	202004	2635	-5
EW1	202004	2640	-9
EW1	202004	2645	-50
EW1	202004	2650	-3
EW1	202004	2655	-9
EW1	202004	2665	-23
EW1	202004	2670	-96
EW1	202004	2675	-4
EW1	202004	2680	-6
EW1	202004	2690	-1
EW1	202004	2695	-2
EW1	202004	2700	-14
EW1	202004	2705	-4
EW1	202004	2720	-2
EW1	202004	2740	-3
EW1	202004	2745	-8
EW1	202004	2750	-75
EW1	202004	2760	-91
EW1	202004	2775	-2
EW1	202004	2780	-13
EW1	202004	2790	-5
EW1	202004	2795	-16
EW1	202004	2800	-302
EW1	202004	2805	-28
EW1	202004	2815	-17
EW1	202004	2825	-28
EW1	202004	2830	-255
EW1	202004	2835	-26
EW1	202004	2840	-6

EW1	202004	2850	-36
EW1	202004	2855	-8
EW1	202004	2860	-23
EW1	202004	2865	-7
EW1	202004	2870	-7
EW1	202004	2875	-104
EW1	202004	2880	-6
EW1	202004	2885	-36
EW1	202004	2905	-60
EW1	202004	2910	-50
EW1	202004	2915	-14
EW1	202004	2925	-27
EW1	202004	2930	-1
EW1	202004	2935	-63
EW1	202004	2940	-50
EW1	202004	2945	-3
EW1	202004	2955	-82
EW1	202004	2965	-8
EW1	202004	2975	-179
EW1	202004	2985	-8
EW1	202004	2990	-2
EW1	202004	3000	-108
EW1	202004	3005	-70
EW1	202004	3010	-6
EW1	202004	3015	-100
EW1	202004	3020	-6
EW1	202004	3030	-77
EW1	202004	3035	-6
EW1	202004	3040	-12
EW1	202004	3045	-31
EW1	202004	3050	-24
EW1	202004	3055	-2
EW1	202004	3065	-6
EW1	202004	3070	-15
EW1	202004	3080	-25
EW1	202004	3090	-1
EW1	202004	3100	-61
EW1	202004	3105	-3
EW1	202004	3110	-36
EW1	202004	3115	-5
EW1	202004	3120	-5

EW1	202004	3130	-75
EW1	202004	3150	-12
EW1	202004	3160	-26
EW1	202004	3165	-6
EW1	202004	3175	-28
EW1	202004	3180	-4
EW1	202004	3195	-6
EW1	202004	3200	-3
EW1	202004	3215	-8
EW1	202004	3225	-13
EW1	202004	3240	-3
EW2			-1102
EW2	202004		-1102
EW2	202004	2280	-60
EW2	202004	2320	-9
EW2	202004	2365	-3
EW2	202004	2370	-39
EW2	202004	2400	-100
EW2	202004	2445	-1
EW2	202004	2500	-100
EW2	202004	2520	-1
EW2	202004	2535	-1
EW2	202004	2550	-100
EW2	202004	2600	-90
EW2	202004	2615	-4
EW2	202004	2650	-75
EW2	202004	2685	-19
EW2	202004	2690	-2
EW2	202004	2700	-191
EW2	202004	2770	-1
EW2	202004	2780	-1
EW2	202004	2845	-25
EW2	202004	2850	-103
EW2	202004	2870	-1
EW2	202004	2890	-3
EW2	202004	2900	-25
EW2	202004	2905	-1
EW2	202004	2935	-3
EW2	202004	3000	-98
EW2	202004	3050	-41
EW2	202004	3150	-1

EW2	202004	3350	-4
EW3			-45976
EW3	202004		-26284
EW3	202004	2100	-1
EW3	202004	2135	-1
EW3	202004	2140	-1
EW3	202004	2145	-3
EW3	202004	2155	-1
EW3	202004	2165	-3
EW3	202004	2175	-100
EW3	202004	2180	-50
EW3	202004	2200	-22
EW3	202004	2205	-101
EW3	202004	2215	-100
EW3	202004	2220	-12
EW3	202004	2225	-7
EW3	202004	2245	-1
EW3	202004	2250	-10
EW3	202004	2255	-1
EW3	202004	2270	-2
EW3	202004	2275	-121
EW3	202004	2280	-20
EW3	202004	2285	-37
EW3	202004	2290	-102
EW3	202004	2295	-26
EW3	202004	2300	-233
EW3	202004	2305	-76
EW3	202004	2320	-19
EW3	202004	2325	-9
EW3	202004	2330	-98
EW3	202004	2345	-76
EW3	202004	2360	-10
EW3	202004	2365	-277
EW3	202004	2370	-142
EW3	202004	2375	-72
EW3	202004	2380	-146
EW3	202004	2385	-10
EW3	202004	2390	-66
EW3	202004	2395	-91
EW3	202004	2400	-334
EW3	202004	2405	-35

EW3	202004	2410	-144
EW3	202004	2420	-50
EW3	202004	2430	-10
EW3	202004	2435	-16
EW3	202004	2440	-15
EW3	202004	2445	-69
EW3	202004	2450	-126
EW3	202004	2475	-2
EW3	202004	2480	-25
EW3	202004	2485	-323
EW3	202004	2490	-25
EW3	202004	2495	-88
EW3	202004	2500	-36
EW3	202004	2505	-144
EW3	202004	2510	-81
EW3	202004	2520	-5
EW3	202004	2525	-649
EW3	202004	2530	-120
EW3	202004	2550	-150
EW3	202004	2555	-55
EW3	202004	2560	-73
EW3	202004	2565	-27
EW3	202004	2570	-211
EW3	202004	2575	-116
EW3	202004	2580	-74
EW3	202004	2585	-575
EW3	202004	2590	-100
EW3	202004	2595	-65
EW3	202004	2600	-753
EW3	202004	2605	-389
EW3	202004	2610	-90
EW3	202004	2615	-1
EW3	202004	2620	-80
EW3	202004	2625	-112
EW3	202004	2630	-128
EW3	202004	2635	-30
EW3	202004	2640	-138
EW3	202004	2645	-33
EW3	202004	2650	-161
EW3	202004	2655	-115
EW3	202004	2660	-141

EW3	202004	2665	-19
EW3	202004	2670	-75
EW3	202004	2675	-182
EW3	202004	2680	-843
EW3	202004	2690	-29
EW3	202004	2695	-75
EW3	202004	2700	-1293
EW3	202004	2705	-72
EW3	202004	2710	-165
EW3	202004	2715	-23
EW3	202004	2720	-263
EW3	202004	2725	-24
EW3	202004	2730	-42
EW3	202004	2740	-179
EW3	202004	2745	-37
EW3	202004	2750	-678
EW3	202004	2755	-42
EW3	202004	2760	-66
EW3	202004	2765	-47
EW3	202004	2770	-597
EW3	202004	2780	-100
EW3	202004	2785	-49
EW3	202004	2790	-171
EW3	202004	2795	-101
EW3	202004	2800	-512
EW3	202004	2805	-83
EW3	202004	2810	-250
EW3	202004	2815	-101
EW3	202004	2820	-36
EW3	202004	2830	-330
EW3	202004	2840	-31
EW3	202004	2850	-357
EW3	202004	2860	-286
EW3	202004	2870	-87
EW3	202004	2880	-117
EW3	202004	2890	-87
EW3	202004	2900	-1013
EW3	202004	2910	-103
EW3	202004	2920	-287
EW3	202004	2930	-58
EW3	202004	2940	-242

EW3	202004	2950	-732
EW3	202004	2970	-450
EW3	202004	2980	-404
EW3	202004	3010	-173
EW3	202004	3020	-217
EW3	202004	3030	-195
EW3	202004	3040	-100
EW3	202004	3050	-665
EW3	202004	3060	-350
EW3	202004	3080	-200
EW3	202004	3090	-170
EW3	202004	3100	-1293
EW3	202004	3110	-26
EW3	202004	3120	-475
EW3	202004	3130	-133
EW3	202004	3140	-175
EW3	202004	3160	-5
EW3	202004	3170	-94
EW3	202004	3180	-185
EW3	202004	3190	-48
EW3	202004	3200	-272
EW3	202004	3210	-50
EW3	202004	3220	-15
EW3	202004	3230	-124
EW3	202004	3240	-31
EW3	202004	3250	-351
EW3	202004	3260	-26
EW3	202004	3270	-112
EW3	202004	3280	-270
EW3	202004	3290	-70
EW3	202004	3310	-375
EW3	202004	3330	-100
EW3	202004	3340	-300
EW3	202004	3350	-100
EW3	202004	3360	-136
EW3	202004	3370	-244
EW3	202004	3380	-373
EW3	202004	3390	-76
EW3	202004	3400	-4
EW3	202004	3410	-19
EW3	202004	3450	-11

EW3	202004	3490	-22
EW3	202005		-16264
EW3	202005	2000	-9
EW3	202005	2180	-1
EW3	202005	2200	-100
EW3	202005	2210	-3
EW3	202005	2220	-6
EW3	202005	2230	-16
EW3	202005	2240	-26
EW3	202005	2250	-116
EW3	202005	2260	-31
EW3	202005	2270	-10
EW3	202005	2280	-24
EW3	202005	2290	-74
EW3	202005	2320	-125
EW3	202005	2325	-2
EW3	202005	2330	-8
EW3	202005	2340	-66
EW3	202005	2350	-134
EW3	202005	2360	-52
EW3	202005	2370	-53
EW3	202005	2380	-25
EW3	202005	2400	-240
EW3	202005	2410	-80
EW3	202005	2420	-135
EW3	202005	2430	-52
EW3	202005	2440	-166
EW3	202005	2450	-573
EW3	202005	2460	-670
EW3	202005	2470	-344
EW3	202005	2490	-200
EW3	202005	2500	-975
EW3	202005	2510	-2
EW3	202005	2520	-147
EW3	202005	2550	-590
EW3	202005	2560	-100
EW3	202005	2570	-215
EW3	202005	2580	-102
EW3	202005	2590	-105
EW3	202005	2600	-52
EW3	202005	2610	-131

EW3	202005	2620	-230
EW3	202005	2630	-76
EW3	202005	2640	-83
EW3	202005	2650	-159
EW3	202005	2660	-18
EW3	202005	2670	-64
EW3	202005	2680	-1
EW3	202005	2690	-25
EW3	202005	2710	-250
EW3	202005	2720	-100
EW3	202005	2730	-29
EW3	202005	2740	-150
EW3	202005	2760	-164
EW3	202005	2770	-56
EW3	202005	2780	-86
EW3	202005	2790	-63
EW3	202005	2800	-1007
EW3	202005	2810	-170
EW3	202005	2820	-147
EW3	202005	2830	-286
EW3	202005	2840	-116
EW3	202005	2850	-100
EW3	202005	2860	-7
EW3	202005	2870	-50
EW3	202005	2890	-162
EW3	202005	2900	-921
EW3	202005	2910	-16
EW3	202005	2920	-175
EW3	202005	2930	-100
EW3	202005	2940	-100
EW3	202005	2960	-100
EW3	202005	2970	-235
EW3	202005	2980	-83
EW3	202005	2990	-100
EW3	202005	3000	-333
EW3	202005	3010	-116
EW3	202005	3020	-8
EW3	202005	3040	-100
EW3	202005	3060	-161
EW3	202005	3070	-67
EW3	202005	3080	-38

EW3	202005	3090	-75
EW3	202005	3110	-100
EW3	202005	3120	-325
EW3	202005	3130	-144
EW3	202005	3150	-472
EW3	202005	3160	-215
EW3	202005	3170	-53
EW3	202005	3180	-106
EW3	202005	3190	-4
EW3	202005	3200	-350
EW3	202005	3210	-55
EW3	202005	3220	-8
EW3	202005	3230	-169
EW3	202005	3250	-335
EW3	202005	3260	-3
EW3	202005	3280	-133
EW3	202005	3290	-236
EW3	202005	3310	-64
EW3	202005	3320	-24
EW3	202005	3350	-77
EW3	202005	3360	-245
EW3	202005	3370	-100
EW3	202005	3380	-48
EW3	202005	3390	-65
EW3	202005	3410	-74
EW3	202005	3420	-1
EW3	202005	3450	-85
EW3	202005	3470	-125
EW3	202005	3480	-28
EW3	202005	3490	-125
EW3	202005	3500	-292
EW3	202005	3540	-18
EW3	202005	3590	-6
EW3	202005	3700	-11
EW3	202005	3800	-81
EW3	202007		-3428
EW3	202007	2100	-1
EW3	202007	2220	-2
EW3	202007	2230	-4
EW3	202007	2270	-1
EW3	202007	2280	-3

EW3	202007	2290	-7
EW3	202007	2300	-723
EW3	202007	2310	-181
EW3	202007	2320	-28
EW3	202007	2330	-16
EW3	202007	2340	-11
EW3	202007	2350	-88
EW3	202007	2360	-82
EW3	202007	2370	-20
EW3	202007	2375	-8
EW3	202007	2380	-9
EW3	202007	2390	-2
EW3	202007	2400	-4
EW3	202007	2450	-5
EW3	202007	2470	-30
EW3	202007	2500	-351
EW3	202007	2580	-12
EW3	202007	2600	-854
EW3	202007	2610	-2
EW3	202007	2670	-9
EW3	202007	2680	-7
EW3	202007	2780	-8
EW3	202007	2800	-56
EW3	202007	2830	-4
EW3	202007	2840	-46
EW3	202007	2850	-40
EW3	202007	2860	-129
EW3	202007	2890	-25
EW3	202007	2900	-28
EW3	202007	2920	-34
EW3	202007	2930	-2
EW3	202007	2960	-25
EW3	202007	2970	-25
EW3	202007	2990	-9
EW3	202007	3000	-110
EW3	202007	3010	-50
EW3	202007	3040	-50
EW3	202007	3060	-47
EW3	202007	3120	-25
EW3	202007	3140	-25
EW3	202007	3190	-25

EW3	202007	3200	-59
EW3	202007	3320	-25
EW3	202007	3430	-117
EW3	202007	3500	-4
EW4			-1110
EW4	202004		-1110
EW4	202004	2155	-2
EW4	202004	2200	-2
EW4	202004	2315	-2
EW4	202004	2320	-13
EW4	202004	2325	-4
EW4	202004	2335	-12
EW4	202004	2350	-12
EW4	202004	2400	-97
EW4	202004	2420	-3
EW4	202004	2425	-9
EW4	202004	2430	-7
EW4	202004	2435	-21
EW4	202004	2440	-49
EW4	202004	2445	-91
EW4	202004	2450	-73
EW4	202004	2455	-74
EW4	202004	2460	-51
EW4	202004	2465	-79
EW4	202004	2470	-55
EW4	202004	2475	-46
EW4	202004	2480	-52
EW4	202004	2485	-104
EW4	202004	2490	-18
EW4	202004	2495	-15
EW4	202004	2500	-44
EW4	202004	2505	-24
EW4	202004	2510	-8
EW4	202004	2515	-8
EW4	202004	2520	-12
EW4	202004	2525	-4
EW4	202004	2530	-72
EW4	202004	2655	-4
EW4	202004	2705	-1
EW4	202004	2860	-17
EW4	202004	2900	-20

EW4	202004	2920	-5
SP			-438
SP	202006		-249
SP	202006	2550	-1
SP	202006	3100	-25
SP	202006	3200	-75
SP	202006	3225	-100
SP	202006	3275	-30
SP	202006	3300	-17
SP	202006	3350	-1
SP	202009		-189
SP	202009	1500	1
SP	202009	3250	-87
SP	202009	3300	-100
SP	202009	3580	-3
Grand Total			-112568

Puts Net OI Change

Prod Code	Period Code	Strike	Net OI Change
E1A			-141
E1A	202004		-141
E1A	202004	1950	-1
E1A	202004	2010	-6
E1A	202004	2055	-10
E1A	202004	2060	-6
E1A	202004	2075	-5
E1A	202004	2100	-3
E1A	202004	2105	-3
E1A	202004	2115	-4
E1A	202004	2120	-5
E1A	202004	2130	-4
E1A	202004	2135	-4
E1A	202004	2145	-4
E1A	202004	2160	-3
E1A	202004	2165	-4
E1A	202004	2170	-4
E1A	202004	2180	-4
E1A	202004	2185	-4
E1A	202004	2200	-21
E1A	202004	2210	-3
E1A	202004	2220	-1
E1A	202004	2255	-3
E1A	202004	2275	-3
E1A	202004	2305	-1
E1A	202004	2335	-3
E1A	202004	2345	-2
E1A	202004	2350	-2
E1A	202004	2355	-3
E1A	202004	2370	-3
E1A	202004	2375	-3
E1A	202004	2405	-6
E1A	202004	2410	-3
E1A	202004	2530	-10
E1C			-984
E1C	202004		-984
E1C	202004	1920	-17
E1C	202004	1930	-5

E1C	202004	1940	-10
E1C	202004	1950	-60
E1C	202004	1960	-10
E1C	202004	1970	-16
E1C	202004	1980	-10
E1C	202004	1990	-15
E1C	202004	2000	-35
E1C	202004	2010	-6
E1C	202004	2030	-4
E1C	202004	2040	-5
E1C	202004	2045	-16
E1C	202004	2050	-8
E1C	202004	2055	-5
E1C	202004	2060	-14
E1C	202004	2065	-17
E1C	202004	2070	-12
E1C	202004	2075	-12
E1C	202004	2100	-4
E1C	202004	2105	-4
E1C	202004	2110	-4
E1C	202004	2125	-7
E1C	202004	2130	-12
E1C	202004	2135	-1
E1C	202004	2140	-8
E1C	202004	2150	-4
E1C	202004	2155	-8
E1C	202004	2160	-4
E1C	202004	2165	-1
E1C	202004	2170	-4
E1C	202004	2175	-5
E1C	202004	2180	-4
E1C	202004	2185	-5
E1C	202004	2190	-29
E1C	202004	2195	-90
E1C	202004	2200	-6
E1C	202004	2205	-4
E1C	202004	2210	-4
E1C	202004	2220	-10
E1C	202004	2225	-11
E1C	202004	2230	-3
E1C	202004	2235	-7

E1C	202004	2240	-6
E1C	202004	2245	-3
E1C	202004	2250	-7
E1C	202004	2255	-6
E1C	202004	2265	-3
E1C	202004	2280	-2
E1C	202004	2285	-6
E1C	202004	2290	-10
E1C	202004	2310	-3
E1C	202004	2315	-8
E1C	202004	2320	-3
E1C	202004	2335	-7
E1C	202004	2340	-25
E1C	202004	2355	-9
E1C	202004	2360	-225
E1C	202004	2385	-3
E1C	202004	2390	-4
E1C	202004	2395	-3
E1C	202004	2400	-11
E1C	202004	2405	-3
E1C	202004	2410	-3
E1C	202004	2415	-9
E1C	202004	2425	-3
E1C	202004	2430	-2
E1C	202004	2440	-3
E1C	202004	2495	-12
E1C	202004	2525	-13
E1C	202004	2535	-75
E1C	202004	2960	-1
E2A			-25
E2A	202004		-25
E2A	202004	1950	-10
E2A	202004	2075	-1
E2A	202004	2200	-1
E2A	202004	2420	-13
E2C			-101
E2C	202004		-101
E2C	202004	1840	-9
E2C	202004	1870	-6
E2C	202004	1995	-9
E2C	202004	2050	-2

E2C	202004	2070	-4
E2C	202004	2080	-4
E2C	202004	2105	-4
E2C	202004	2150	-3
E2C	202004	2265	-3
E2C	202004	2285	-3
E2C	202004	2335	-3
E2C	202004	2340	-1
E2C	202004	2360	-3
E2C	202004	2365	-6
E2C	202004	2370	-5
E2C	202004	2380	-3
E2C	202004	2385	-3
E2C	202004	2455	-30
E3A			-101
E3A	202004		-101
E3A	202004	1800	-10
E3A	202004	1820	-10
E3A	202004	1830	-10
E3A	202004	1840	-10
E3A	202004	1850	-9
E3A	202004	1860	-9
E3A	202004	1880	-8
E3A	202004	1910	-8
E3A	202004	2305	-3
E3A	202004	2310	-6
E3A	202004	2315	-9
E3A	202004	2320	-3
E3A	202004	2330	-3
E3A	202004	2340	-3
E3C			-28
E3C	202004		-28
E3C	202004	1860	-11
E3C	202004	1940	-8
E3C	202004	2015	-5
E3C	202004	2135	-4
ES			-43090
ES	202006		-34392
ES	202006	1575	-195
ES	202006	1600	-942
ES	202006	1625	-72

ES	202006	1650	-651
ES	202006	1700	-1338
ES	202006	1720	-14
ES	202006	1725	-107
ES	202006	1730	-4
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EW3	202004	2480	-232
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EW3	202004	2490	-148
EW3	202004	2495	-9
EW3	202004	2500	-78
EW3	202004	2510	-217
EW3	202004	2515	-12
EW3	202004	2520	-82
EW3	202004	2525	-9
EW3	202004	2530	-82
EW3	202004	2540	-100
EW3	202004	2550	-101
EW3	202004	2555	-14
EW3	202004	2560	-75
EW3	202004	2570	-21
EW3	202004	2580	-176
EW3	202004	2595	-2
EW3	202004	2600	-292
EW3	202004	2605	-6
EW3	202004	2610	-224
EW3	202004	2620	-87
EW3	202004	2630	-100
EW3	202004	2640	-72
EW3	202004	2650	-48
EW3	202004	2660	-28
EW3	202004	2670	-83

EW3	202004	2680	-100
EW3	202004	2690	-232
EW3	202004	2700	-718
EW3	202004	2710	-287
EW3	202004	2720	-370
EW3	202004	2730	-245
EW3	202004	2750	-138
EW3	202004	2760	-11
EW3	202004	2790	-26
EW3	202004	2800	-202
EW3	202004	2810	-55
EW3	202004	2820	-68
EW3	202004	2830	-635
EW3	202004	2840	-286
EW3	202004	2850	-300
EW3	202004	2860	-100
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EW3	202004	2880	-8
EW3	202004	2900	-588
EW3	202004	2910	-2
EW3	202004	2930	-150
EW3	202004	2940	-100
EW3	202004	2950	-769
EW3	202004	2960	-62
EW3	202004	2990	-250
EW3	202004	3000	-238
EW3	202004	3030	-301
EW3	202004	3040	-201
EW3	202004	3050	-308
EW3	202004	3060	-1
EW3	202004	3070	-79
EW3	202004	3080	-26
EW3	202004	3090	-216
EW3	202004	3100	-76
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EW3	202004	3140	-87
EW3	202004	3150	-40
EW3	202004	3190	-25
EW3	202004	3200	-317
EW3	202004	3210	-101

EW3	202004	3220	-100
EW3	202004	3240	-93
EW3	202004	3250	-148
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EW3	202004	3320	-150
EW3	202004	3360	-50
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EW3	202005	1670	-9
EW3	202005	1680	-10
EW3	202005	1690	-10
EW3	202005	1700	-28
EW3	202005	1710	-10
EW3	202005	1720	-9
EW3	202005	1740	-3
EW3	202005	1750	-65
EW3	202005	1760	-21
EW3	202005	1810	-200
EW3	202005	1820	-24
EW3	202005	1830	-50
EW3	202005	1840	-327
EW3	202005	1850	-100
EW3	202005	1860	-300
EW3	202005	1890	-3
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EW3	202005	1950	-681
EW3	202005	1960	-120
EW3	202005	1980	-72
EW3	202005	1990	-10
EW3	202005	2000	-600
EW3	202005	2020	-13
EW3	202005	2030	-46
EW3	202005	2040	-28
EW3	202005	2060	-246
EW3	202005	2070	-159
EW3	202005	2080	-86
EW3	202005	2100	-993
EW3	202005	2110	-218
EW3	202005	2150	-697

EW3	202005	2170	-280
EW3	202005	2200	-991
EW3	202005	2210	-35
EW3	202005	2220	-52
EW3	202005	2230	-112
EW3	202005	2240	-1472
EW3	202005	2250	-259
EW3	202005	2260	-27
EW3	202005	2270	-89
EW3	202005	2290	-32
EW3	202005	2300	-1310
EW3	202005	2310	-24
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EW3	202005	2440	-169
EW3	202005	2450	-246
EW3	202005	2460	-242
EW3	202005	2470	-152
EW3	202005	2480	-19
EW3	202005	2490	-321
EW3	202005	2500	-101
EW3	202005	2510	-37
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EW3	202005	2530	-67
EW3	202005	2550	-1065
EW3	202005	2560	-87
EW3	202005	2600	-200
EW3	202005	2610	-454
EW3	202005	2620	-9
EW3	202005	2630	-293
EW3	202005	2650	-40
EW3	202005	2660	-100

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EW3	202005	2690	-64
EW3	202005	2700	-95
EW3	202005	2710	-25
EW3	202005	2720	-89
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EW3	202005	2740	-74
EW3	202005	2750	-625
EW3	202005	2760	-250
EW3	202005	2770	-6
EW3	202005	2790	-75
EW3	202005	2800	-562
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EW3	202005	2830	-20
EW3	202005	2840	-29
EW3	202005	2850	-4
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EW3	202005	2880	-50
EW3	202005	2890	-100
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EW3	202005	2990	-101
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EW3	202005	3010	-100
EW3	202005	3020	-79
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EW3	202005	3100	-100
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EW3	202005	3250	-25
EW3	202005	3270	-2
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EW3	202007	1600	-505
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EW3	202007	1700	-5
EW3	202007	1750	-49
EW3	202007	1850	-148
EW3	202007	1880	-5
EW3	202007	1920	-5
EW3	202007	1960	-4
EW3	202007	1970	-4
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EW3	202007	2010	-4
EW3	202007	2030	-43
EW3	202007	2040	-12
EW3	202007	2090	-4
EW3	202007	2150	-24
EW3	202007	2160	-12
EW3	202007	2170	-12
EW3	202007	2230	-15
EW3	202007	2240	-30
EW3	202007	2250	-258
EW3	202007	2260	-15
EW3	202007	2270	-9
EW3	202007	2290	-25
EW3	202007	2300	-150
EW3	202007	2310	-156
EW3	202007	2350	-229
EW3	202007	2360	-93
EW3	202007	2370	-44
EW3	202007	2375	-8
EW3	202007	2380	-56
EW3	202007	2400	-711
EW3	202007	2440	-10
EW3	202007	2450	-12
EW3	202007	2460	-25
EW3	202007	2470	-8
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EW3	202007	2500	-28
EW3	202007	2520	-2
EW3	202007	2600	-451
EW3	202007	2680	-5
EW3	202007	2890	-26
EW3	202007	2920	-50

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EW4	202004	1780	-10
EW4	202004	1800	-45
EW4	202004	1810	-45
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EW4	202004	1830	-48
EW4	202004	1850	-14
EW4	202004	1860	-16
EW4	202004	1870	-48
EW4	202004	1880	-14
EW4	202004	1890	-7
EW4	202004	1895	-7
EW4	202004	1900	-7
EW4	202004	1905	-21
EW4	202004	1920	-79
EW4	202004	1930	-7
EW4	202004	1935	-12
EW4	202004	2000	-42
EW4	202004	2015	-5
EW4	202004	2045	-10
EW4	202004	2075	-2
EW4	202004	2085	-4
EW4	202004	2090	-4
EW4	202004	2095	-4
EW4	202004	2235	-3
EW4	202004	2250	-6
EW4	202004	2260	-6
EW4	202004	2265	-3
EW4	202004	2270	-3
EW4	202004	2275	-3
EW4	202004	2280	-37
EW4	202004	2285	-6
EW4	202004	2290	-12
EW4	202004	2295	-30
EW4	202004	2300	-12
EW4	202004	2305	-55
EW4	202004	2310	-79
EW4	202004	2315	-48
EW4	202004	2320	-60
EW4	202004	2325	-71

EW4	202004	2330	-69
EW4	202004	2335	-39
EW4	202004	2340	-69
EW4	202004	2350	-12
EW4	202004	2355	-24
EW4	202004	2360	-6
EW4	202004	2365	-3
EW4	202004	2475	-12
EW4	202004	2485	-2
EW4	202004	2490	-3
SP			-511
SP	202006		-511
SP	202006	1650	-143
SP	202006	1750	-50
SP	202006	2000	-115
SP	202006	2300	-23
SP	202006	2740	-80
SP	202006	3040	-50
SP	202006	3050	-50
Grand Total			-132288