

Trade Date	Underlying	Option Root	Expiration Date	Strike Price	Put/Call	Start Time	State Code	Executed Volume	Weighted Quote Spread	Weighted BidSize	Weighted AskSize	High Executed Price	Low Executed Price	Trade Price Exceeds 30% of Last OPRA Price	Post L/S State Price Exceeds 30% of Last OPRA Price
20130423	VXX	VXX	20130426	15.00	C	13:09:50:151	Limit State	0	4.078139357	14	11	0	0	0	0
20130423	VXX	VXX	20130426	16.00	C	13:09:50:151	Limit State	0	3.881049264	750	13	0	0	0	1
20130423	VXX	VXX	20130426	25.00	P	13:09:50:151	Limit State	0	3.346002221	11	13	0	0	0	0
20130423	VXX	VXX	20130426	25.50	P	13:09:50:151	Limit State	0	2.755861596	11	14	0	0	0	0
20130423	VXX	VXX	20130426	26.00	P	13:09:50:151	Limit State	0	2.947234175	11	15	0	0	0	0
20130423	VXX	VXX	20130426	27.00	P	13:09:50:151	Limit State	0	3.308918656	11	12	0	0	0	0
20130423	VXX	VXX	20130426	28.00	P	13:09:50:151	Limit State	0	4.433413906	11	13	0	0	0	0
20130423	VXX	VXX	20130426	29.00	P	13:09:50:151	Limit State	0	4.374006932	10	13	0	0	0	0
20130423	VXX	VXX	20130426	30.00	P	13:09:50:151	Limit State	0	4.217297147	12	16	0	0	0	0
20130423	VXX	VXX	20130426	31.00	P	13:09:50:151	Limit State	0	4.102415492	11	14	0	0	0	0
20130423	VXX	VXX	20130503	15.00	C	13:09:50:151	Limit State	0	3.121794961	14	11	0	0	0	0
20130423	VXX	VXX	20130503	15.50	C	13:09:50:151	Limit State	0	1.641950882	923	11	0	0	0	0
20130423	VXX	VXX	20130503	16.00	C	13:09:50:151	Limit State	0	2.300851608	12	11	0	0	0	0
20130423	VXX	VXX	20130503	25.00	P	13:09:50:151	Limit State	0	2.898756616	11	11	0	0	0	0
20130423	VXX	VXX	20130503	26.00	P	13:09:50:151	Limit State	0	2.832584855	11	11	0	0	0	1
20130423	VXX	VXX	20130503	27.00	P	13:09:50:151	Limit State	0	2.98490422	11	11	0	0	0	0
20130423	VXX	VXX	20130503	28.00	P	13:09:50:151	Limit State	0	3.914525198	13	11	0	0	0	1
20130423	VXX	VXX	20130503	29.00	P	13:09:50:151	Limit State	0	4.35405248	13	12	0	0	0	0
20130423	VXX	VXX	20130503	30.00	P	13:09:50:151	Limit State	0	4.029549556	12	14	0	0	0	0
20130423	VXX	VXX	20130503	31.00	P	13:09:50:151	Limit State	0	3.441012289	12	11	0	0	0	0
20130423	VXX	VXX	20130510	13.50	C	13:09:50:151	Limit State	0	4.305314496	13	12	0	0	0	0
20130423	VXX	VXX	20130510	14.00	C	13:09:50:151	Limit State	0	3.755166975	14	10	0	0	0	0
20130423	VXX	VXX	20130510	14.50	C	13:09:50:151	Limit State	0	4.381984171	13	11	0	0	0	0
20130423	VXX	VXX	20130510	15.00	C	13:09:50:151	Limit State	0	2.819683695	13	11	0	0	0	1
20130423	VXX	VXX	20130510	15.50	C	13:09:50:151	Limit State	0	2.728732297	13	11	0	0	0	0
20130423	VXX	VXX	20130510	16.00	C	13:09:50:151	Limit State	0	2.539613302	15	13	0	0	0	1
20130423	VXX	VXX	20130510	25.00	P	13:09:50:151	Limit State	0	2.711848407	11	14	0	0	0	0
20130423	VXX	VXX	20130510	26.00	P	13:09:50:151	Limit State	0	2.939006108	11	15	0	0	0	1
20130423	VXX	VXX	20130510	27.00	P	13:09:50:151	Limit State	0	2.629802152	11	14	0	0	0	1
20130423	VXX	VXX	20130510	28.00	P	13:09:50:151	Limit State	0	4.445886845	18	21	0	0	0	0
20130423	VXX	VXX	20130510	29.00	P	13:09:50:151	Limit State	0	3.916428373	13	13	0	0	0	0
20130423	VXX	VXX	20130510	30.00	P	13:09:50:151	Limit State	0	4.076932617	12	16	0	0	0	0
20130423	VXX	VXX	20130510	31.00	P	13:09:50:151	Limit State	0	4.475876432	20	20	0	0	0	0
20130423	VXX	VXX	20130518	9.00	C	13:09:50:151	Limit State	0	4.146818403	11	11	0	0	0	0
20130423	VXX	VXX	20130518	10.00	C	13:09:50:151	Limit State	0	4.263806384	11	10	0	0	0	0
20130423	VXX	VXX	20130518	11.00	C	13:09:50:151	Limit State	0	4.088209577	12	13	0	0	0	0
20130423	VXX	VXX	20130518	12.00	C	13:09:50:151	Limit State	0	2.705105157	11	2	0	0	0	0
20130423	VXX	VXX	20130518	13.00	C	13:09:50:151	Limit State	0	4.091394903	13	13	0	0	0	0
20130423	VXX	VXX	20130518	14.00	C	13:09:50:151	Limit State	0	4.328580354	13	13	0	0	0	0
20130423	VXX	VXX	20130518	15.00	C	13:09:50:151	Limit State	0	1.430045681	15	11	0	0	0	1
20130423	VXX	VXX	20130518	16.00	C	13:09:50:151	Limit State	0	1.093551746	14	15	0	0	0	1
20130423	VXX	VXX	20130518	25.00	P	13:09:50:151	Limit State	0	1.687817248	12	10	0	0	0	0
20130423	VXX	VXX	20130518	26.00	P	13:09:50:151	Limit State	0	1.797138012	12	13	0	0	0	1
20130423	VXX	VXX	20130518	27.00	P	13:09:50:151	Limit State	0	1.695748004	11	12	0	0	0	0
20130423	VXX	VXX	20130518	28.00	P	13:09:50:151	Limit State	0	1.62116902	12	12	0	0	0	1
20130423	VXX	VXX	20130518	29.00	P	13:09:50:151	Limit State	0	1.879665006	12	12	0	0	0	0
20130423	VXX	VXX	20130518	30.00	P	13:09:50:151	Limit State	0	2.095475654	12	13	0	0	0	1
20130423	VXX	VXX	20130518	31.00	P	13:09:50:151	Limit State	0	2.677941584	11	12	0	0	0	0
20130423	VXX	VXX	20130518	32.00	P	13:09:50:151	Limit State	0	2.2106112	11	12	0	0	0	0
20130423	VXX	VXX	20130518	33.00	P	13:09:50:151	Limit State	0	3.04324587	11	14	0	0	0	0
20130423	VXX	VXX	20130518	34.00	P	13:09:50:151	Limit State	0	2.890404777	11	13	0	0	0	0
20130423	VXX	VXX	20130518	35.00	P	13:09:50:151	Limit State	0	2.923350869	11	14	0	0	0	0
20130423	VXX	VXX	20130518	36.00	P	13:09:50:151	Limit State	0	2.690182601	11	13	0	0	0	0
20130423	VXX	VXX	20130518	37.00	P	13:09:50:151	Limit State	0	2.704942203	11	13	0	0	0	0
20130423	VXX	VXX	20130518	38.00	P	13:09:50:151	Limit State	0	2.766508618	11	14	0	0	0	0
20130423	VXX	VXX	20130518	39.00	P	13:09:50:151	Limit State	0	2.882740361	11	13	0	0	0	0
20130423	VXX	VXX	20130518	40.00	P	13:09:50:151	Limit State	0	3.067496355	11	14	0	0	0	0
20130423	VXX	VXX	20130518	41.00	P	13:09:50:151	Limit State	0	2.855528946	11	14	0	0	0	1
20130423	VXX	VXX	20130518	42.00	P	13:09:50:151	Limit State	0	2.621141033	11	14	0	0	0	0
20130423	VXX	VXX	20130518	43.00	P	13:09:50:151	Limit State	0	3.007892545	11	13	0	0	0	0
20130423	VXX	VXX	20130518	44.00	P	13:09:50:151	Limit State	0	2.919616826	11	14	0	0	0	0
20130423	VXX	VXX	20130518	45.00	P	13:09:50:151	Limit State	0	3.038451926	11	14	0	0	0	0
20130423	VXX	VXX	20130524	15.00	C	13:09:50:151	Limit State	0	4.19109365	11	14	0	0	0	0
20130423	VXX	VXX	20130524	16.00	C	13:09:50:151	Limit State	0	4.106066097	11	12	0	0	0	0
20130423	VXX	VXX	20130524	25.00	P	13:09:50:151	Limit State	0	2.701735962	14	11	0	0	0	0
20130423	VXX	VXX	20130524	26.00	P	13:09:50:151	Limit State	0	2.787008885	11	11	0	0	0	0
20130423	VXX	VXX	20130524	27.00	P	13:09:50:151	Limit State	0	2.927351288	11	13	0	0	0	0
20130423	VXX	VXX	20130622	10.00	C	13:09:50:151	Limit State	0	3.714430951	11	10	0	0	0	0
20130423	VXX	VXX	20130622	11.00	C	13:09:50:151	Limit State	0	3.758553088	12	10	0	0	0	1
20130423	VXX	VXX	20130622	12.00	C	13:09:50:151	Limit State	0	3.758865987	13	10	0	0	0	0
20130423	VXX	VXX	20130622	13.00	C	13:09:50:151	Limit State	0	3.709088076	14	10	0	0	0	0
20130423	VXX	VXX	20130622	14.00	C	13:09:50:151	Limit State	0	3.816514082	11	10	0	0	0	1
20130423	VXX	VXX	20130622	15.00	C	13:09:50:151	Limit State	0	4.1704632	14	10	0	0	0	1
20130423	VXX	VXX	20130622	16.00	C	13:09:50:151	Limit State	0	1.147623178	13	12	0	0	0	0
20130423	VXX	VXX	20130622	25.00	P	13:09:50:151	Limit State	0	1.820904762	13	13	0	0	0	1
20130423	VXX	VXX	20130622	26.00	P	13:09:50:151	Limit State	0	1.553902998	11	13	0	0	0	0

20130423	VXX	VXX	20130622	27.00	P	13:09:50:151	Limit State	0	1.640112173	15	15	0	0	0
20130423	VXX	VXX	20130622	28.00	P	13:09:50:151	Limit State	0	1.969359559	16	13	0	0	1
20130423	VXX	VXX	20130622	29.00	P	13:09:50:151	Limit State	0	1.673293173	16	12	0	0	0
20130423	VXX	VXX	20130622	30.00	P	13:09:50:151	Limit State	0	2.036481039	11	13	0	0	1
20130423	VXX	VXX	20130622	31.00	P	13:09:50:151	Limit State	0	1.535895838	11	13	0	0	0
20130423	VXX	VXX	20130622	32.00	P	13:09:50:151	Limit State	0	1.632249463	11	15	0	0	0
20130423	VXX	VXX	20130622	33.00	P	13:09:50:151	Limit State	0	1.783762726	12	13	0	0	1
20130423	VXX	VXX	20130622	34.00	P	13:09:50:151	Limit State	0	1.782531801	11	14	0	0	0
20130423	VXX	VXX	20130622	35.00	P	13:09:50:151	Limit State	0	3.880474604	10	17	0	0	0
20130423	VXX	VXX	20130622	36.00	P	13:09:50:151	Limit State	0	3.87573247	10	14	0	0	0
20130423	VXX	VXX	20130622	37.00	P	13:09:50:151	Limit State	0	3.83044429	10	14	0	0	0
20130423	VXX	VXX	20130622	38.00	P	13:09:50:151	Limit State	0	3.867527061	10	14	0	0	0
20130423	VXX	VXX	20130622	39.00	P	13:09:50:151	Limit State	0	3.826665279	10	14	0	0	0
20130423	VXX	VXX	20130622	40.00	P	13:09:50:151	Limit State	0	3.869548324	10	14	0	0	0
20130423	VXX	VXX	20130622	41.00	P	13:09:50:151	Limit State	0	3.828481232	10	15	0	0	0
20130423	VXX	VXX	20130622	42.00	P	13:09:50:151	Limit State	0	3.820857341	10	14	0	0	0
20130423	VXX	VXX	20130622	43.00	P	13:09:50:151	Limit State	0	3.820802109	10	14	0	0	0
20130423	VXX	VXX	20130622	44.00	P	13:09:50:151	Limit State	0	3.802294627	10	15	0	0	0
20130423	VXX	VXX	20130622	45.00	P	13:09:50:151	Limit State	0	3.824770992	10	14	0	0	0
20130423	VXX	VXX	20130622	46.00	P	13:09:50:151	Limit State	0	3.807994465	10	13	0	0	0
20130423	VXX	VXX	20130622	47.00	P	13:09:50:151	Limit State	0	3.823907161	10	12	0	0	0
20130423	VXX	VXX	20130622	48.00	P	13:09:50:151	Limit State	0	3.823467692	10	12	0	0	0
20130423	VXX	VXX	20130622	49.00	P	13:09:50:151	Limit State	0	3.806605606	10	12	0	0	0
20130423	VXX	VXX	20130622	50.00	P	13:09:50:151	Limit State	0	3.767964583	10	12	0	0	0
20130423	VXX	VXX	20130622	51.00	P	13:09:50:151	Limit State	0	3.765731456	10	12	0	0	0
20130423	VXX	VXX	20130622	52.00	P	13:09:50:151	Limit State	0	3.812323469	10	12	0	0	0
20130423	VXX	VXX	20130622	53.00	P	13:09:50:151	Limit State	0	3.820874965	10	13	0	0	0
20130423	VXX	VXX	20130622	54.00	P	13:09:50:151	Limit State	0	3.821187205	10	13	0	0	0
20130423	VXX	VXX	20130622	55.00	P	13:09:50:151	Limit State	0	3.804820154	10	12	0	0	0
20130423	VXX	VXX	20130622	56.00	P	13:09:50:151	Limit State	0	4.407701915	10	13	0	0	0
20130423	VXX	VXX	20130622	60.00	P	13:09:50:151	Limit State	0	3.796700092	10	12	0	0	0
20130423	VXX	VXX	20130622	65.00	P	13:09:50:151	Limit State	0	3.76420596	10	13	0	0	0
20130423	VXX	VXX	20130622	70.00	P	13:09:50:151	Limit State	0	4.394760552	10	16	0	0	0
20130423	VXX	VXX	20130622	75.00	P	13:09:50:151	Limit State	0	4.392480421	10	14	0	0	0
20130423	VXX	VXX	20130921	5.00	C	13:09:50:151	Limit State	0	3.752159122	11	10	0	0	0
20130423	VXX	VXX	20130921	6.00	C	13:09:50:151	Limit State	0	3.748851093	11	10	0	0	0
20130423	VXX	VXX	20130921	7.00	C	13:09:50:151	Limit State	0	3.738312572	11	10	0	0	0
20130423	VXX	VXX	20130921	8.00	C	13:09:50:151	Limit State	0	3.714466572	11	10	0	0	0
20130423	VXX	VXX	20130921	9.00	C	13:09:50:151	Limit State	0	3.679946657	11	10	0	0	0
20130423	VXX	VXX	20130921	10.00	C	13:09:50:151	Limit State	0	4.125380512	15	11	0	0	1
20130423	VXX	VXX	20130921	11.00	C	13:09:50:151	Limit State	0	3.709530583	258	10	0	0	1
20130423	VXX	VXX	20130921	12.00	C	13:09:50:151	Limit State	0	3.859017159	11	10	0	0	1
20130423	VXX	VXX	20130921	13.00	C	13:09:50:151	Limit State	0	2.882107843	12	12	0	0	0
20130423	VXX	VXX	20130921	14.00	C	13:09:50:151	Limit State	0	1.636902366	12	11	0	0	1
20130423	VXX	VXX	20130921	15.00	C	13:09:50:151	Limit State	0	1.44073907	11	11	0	0	0
20130423	VXX	VXX	20130921	16.00	C	13:09:50:151	Limit State	0	1.568674532	11	11	0	0	1
20130423	VXX	VXX	20130921	25.00	P	13:09:50:151	Limit State	0	1.474129725	11	13	0	0	0
20130423	VXX	VXX	20130921	26.00	P	13:09:50:151	Limit State	0	1.406652092	11	14	0	0	0
20130423	VXX	VXX	20130921	27.00	P	13:09:50:151	Limit State	0	1.726958384	11	16	0	0	1
20130423	VXX	VXX	20130921	28.00	P	13:09:50:151	Limit State	0	1.657778622	12	14	0	0	0
20130423	VXX	VXX	20130921	29.00	P	13:09:50:151	Limit State	0	1.501905059	12	14	0	0	0
20130423	VXX	VXX	20130921	30.00	P	13:09:50:151	Limit State	0	1.667488043	12	12	0	0	1
20130423	VXX	VXX	20130921	31.00	P	13:09:50:151	Limit State	0	1.570326162	13	14	0	0	0
20130423	VXX	VXX	20130921	32.00	P	13:09:50:151	Limit State	0	1.653760311	13	14	0	0	0
20130423	VXX	VXX	20130921	33.00	P	13:09:50:151	Limit State	0	1.559199112	14	14	0	0	0
20130423	VXX	VXX	20130921	34.00	P	13:09:50:151	Limit State	0	1.577179042	13	13	0	0	0
20130423	VXX	VXX	20130921	35.00	P	13:09:50:151	Limit State	0	1.437166944	13	12	0	0	0
20130423	VXX	VXX	20130921	36.00	P	13:09:50:151	Limit State	0	1.912542502	14	14	0	0	0
20130423	VXX	VXX	20130921	37.00	P	13:09:50:151	Limit State	0	2.154182939	11	13	0	0	1
20130423	VXX	VXX	20130921	38.00	P	13:09:50:151	Limit State	0	1.604323387	12	15	0	0	0
20130423	VXX	VXX	20130921	39.00	P	13:09:50:151	Limit State	0	2.068581034	12	11	0	0	0
20130423	VXX	VXX	20130921	40.00	P	13:09:50:151	Limit State	0	3.180099917	11	12	0	0	0
20130423	VXX	VXX	20130921	41.00	P	13:09:50:151	Limit State	0	2.918252826	11	12	0	0	0
20130423	VXX	VXX	20130921	42.00	P	13:09:50:151	Limit State	0	2.933349525	11	14	0	0	0
20130423	VXX	VXX	20130921	43.00	P	13:09:50:151	Limit State	0	3.195114504	11	13	0	0	0
20130423	VXX	VXX	20130921	44.00	P	13:09:50:151	Limit State	0	2.9948161	11	14	0	0	0
20130423	VXX	VXX	20130921	45.00	P	13:09:50:151	Limit State	0	3.265197779	12	13	0	0	0
20130423	VXX	VXX	20130921	46.00	P	13:09:50:151	Limit State	0	2.895974738	11	14	0	0	0
20130423	VXX	VXX	20130921	47.00	P	13:09:50:151	Limit State	0	2.967487856	11	15	0	0	0
20130423	VXX	VXX	20130921	48.00	P	13:09:50:151	Limit State	0	3.069265196	11	13	0	0	0
20130423	VXX	VXX	20130921	49.00	P	13:09:50:151	Limit State	0	3.07080297	12	14	0	0	0
20130423	VXX	VXX	20130921	50.00	P	13:09:50:151	Limit State	0	3.211589174	11	14	0	0	0
20130423	VXX	VXX	20130921	51.00	P	13:09:50:151	Limit State	0	3.940691139	10	12	0	0	0
20130423	VXX	VXX	20131221	5.00	C	13:09:50:151	Limit State	0	4.159209705	11	11	0	0	0
20130423	VXX	VXX	20131221	6.00	C	13:09:50:151	Limit State	0	4.109163139	11	11	0	0	0
20130423	VXX	VXX	20131221	7.00	C	13:09:50:151	Limit State	0	4.107916464	11	11	0	0	0
20130423	VXX	VXX	20131221	8.00	C	13:09:50:151	Limit State	0	4.121056188	11	10	0	0	0

20130423	VXX	VXX	20131221	9.00	C	13:09:50:151	Limit State	0	3.864689148	11	10	0	0	0
20130423	VXX	VXX	20131221	10.00	C	13:09:50:151	Limit State	0	3.825034693	11	10	0	0	0
20130423	VXX	VXX	20131221	11.00	C	13:09:50:151	Limit State	0	3.851095306	11	11	0	0	1
20130423	VXX	VXX	20131221	12.00	C	13:09:50:151	Limit State	0	1.654138625	12	11	0	0	0
20130423	VXX	VXX	20131221	13.00	C	13:09:50:151	Limit State	0	1.718800305	11	11	0	0	0
20130423	VXX	VXX	20131221	14.00	C	13:09:50:151	Limit State	0	1.75678901	11	11	0	0	0
20130423	VXX	VXX	20131221	15.00	C	13:09:50:151	Limit State	0	1.692866065	11	12	0	0	0
20130423	VXX	VXX	20131221	16.00	C	13:09:50:151	Limit State	0	1.698022344	11	11	0	0	0
20130423	VXX	VXX	20131221	25.00	P	13:09:50:151	Limit State	0	1.568390924	11	11	0	0	0
20130423	VXX	VXX	20131221	26.00	P	13:09:50:151	Limit State	0	2.091090518	13	13	0	0	0
20130423	VXX	VXX	20131221	27.00	P	13:09:50:151	Limit State	0	2.186955315	13	13	0	0	0
20130423	VXX	VXX	20131221	28.00	P	13:09:50:151	Limit State	0	1.612102596	12	12	0	0	0
20130423	VXX	VXX	20131221	29.00	P	13:09:50:151	Limit State	0	1.738304073	12	11	0	0	0
20130423	VXX	VXX	20131221	30.00	P	13:09:50:151	Limit State	0	1.800475265	11	13	0	0	0
20130423	VXX	VXX	20131221	31.00	P	13:09:50:151	Limit State	0	1.757875928	11	11	0	0	0
20130423	VXX	VXX	20131221	32.00	P	13:09:50:151	Limit State	0	1.588548533	11	11	0	0	0
20130423	VXX	VXX	20131221	33.00	P	13:09:50:151	Limit State	0	1.889902618	11	11	0	0	0
20130423	VXX	VXX	20131221	34.00	P	13:09:50:151	Limit State	0	1.839076431	11	11	0	0	0
20130423	VXX	VXX	20131221	35.00	P	13:09:50:151	Limit State	0	1.86592644	12	11	0	0	0
20130423	VXX	VXX	20131221	36.00	P	13:09:50:151	Limit State	0	1.760021507	12	11	0	0	0
20130423	VXX	VXX	20131221	37.00	P	13:09:50:151	Limit State	0	1.90731335	11	11	0	0	0
20130423	VXX	VXX	20131221	38.00	P	13:09:50:151	Limit State	0	1.747505378	12	11	0	0	0
20130423	VXX	VXX	20131221	39.00	P	13:09:50:151	Limit State	0	1.740938736	11	11	0	0	0
20130423	VXX	VXX	20131221	40.00	P	13:09:50:151	Limit State	0	1.562186915	11	11	0	0	0
20130423	VXX	VXX	20140118	1.00	C	13:09:50:151	Limit State	0	4.116259542	11	10	0	0	0
20130423	VXX	VXX	20140118	2.00	C	13:09:50:151	Limit State	0	3.790489904	11	10	0	0	0
20130423	VXX	VXX	20140118	3.00	C	13:09:50:151	Limit State	0	4.118400416	11	10	0	0	0
20130423	VXX	VXX	20140118	4.00	C	13:09:50:151	Limit State	0	4.145832755	11	10	0	0	0
20130423	VXX	VXX	20140118	5.00	C	13:09:50:151	Limit State	0	3.778101354	11	10	0	0	0
20130423	VXX	VXX	20140118	6.00	C	13:09:50:151	Limit State	0	4.075860514	11	10	0	0	1
20130423	VXX	VXX	20140118	7.00	C	13:09:50:151	Limit State	0	4.079181124	11	10	0	0	0
20130423	VXX	VXX	20140118	8.00	C	13:09:50:151	Limit State	0	3.747494795	11	10	0	0	0
20130423	VXX	VXX	20140118	9.00	C	13:09:50:151	Limit State	0	3.716620402	11	10	0	0	0
20130423	VXX	VXX	20140118	10.00	C	13:09:50:151	Limit State	0	3.796483616	11	10	0	0	1
20130423	VXX	VXX	20140118	11.00	C	13:09:50:151	Limit State	0	4.100385176	11	10	0	0	1
20130423	VXX	VXX	20140118	12.00	C	13:09:50:151	Limit State	0	2.268554376	14	12	0	0	0
20130423	VXX	VXX	20140118	13.00	C	13:09:50:151	Limit State	0	1.898931224	16	12	0	0	0
20130423	VXX	VXX	20140118	14.00	C	13:09:50:151	Limit State	0	2.008886807	14	12	0	0	0
20130423	VXX	VXX	20140118	15.00	C	13:09:50:151	Limit State	0	1.937673563	14	11	0	0	1
20130423	VXX	VXX	20140118	16.00	C	13:09:50:151	Limit State	0	2.071642723	15	11	0	0	0
20130423	VXX	VXX	20140118	25.00	P	13:09:50:151	Limit State	0	1.983423592	11	12	0	0	0
20130423	VXX	VXX	20140118	26.00	P	13:09:50:151	Limit State	0	2.357577756	11	12	0	0	0
20130423	VXX	VXX	20140118	27.00	P	13:09:50:151	Limit State	0	2.065884477	11	14	0	0	0
20130423	VXX	VXX	20140118	28.00	P	13:09:50:151	Limit State	0	2.296622231	11	12	0	0	0
20130423	VXX	VXX	20140118	29.00	P	13:09:50:151	Limit State	0	2.82193835	11	13	0	0	0
20130423	VXX	VXX	20140118	30.00	P	13:09:50:151	Limit State	0	2.401558378	12	15	0	0	1
20130423	VXX	VXX	20140118	31.00	P	13:09:50:151	Limit State	0	2.404748351	11	14	0	0	0
20130423	VXX	VXX	20140118	32.00	P	13:09:50:151	Limit State	0	2.779244759	13	13	0	0	0
20130423	VXX	VXX	20140118	33.00	P	13:09:50:151	Limit State	0	2.779001805	11	12	0	0	0
20130423	VXX	VXX	20140118	34.00	P	13:09:50:151	Limit State	0	2.406164526	11	14	0	0	0
20130423	VXX	VXX	20140118	35.00	P	13:09:50:151	Limit State	0	2.503741756	11	13	0	0	0
20130423	VXX	VXX	20140118	36.00	P	13:09:50:151	Limit State	0	2.765230823	11	13	0	0	0
20130423	VXX	VXX	20140118	37.00	P	13:09:50:151	Limit State	0	2.349212134	11	14	0	0	0
20130423	VXX	VXX	20140118	38.00	P	13:09:50:151	Limit State	0	2.533760239	14	13	0	0	0
20130423	VXX	VXX	20140118	39.00	P	13:09:50:151	Limit State	0	2.559232264	12	12	0	0	0
20130423	VXX	VXX	20140118	40.00	P	13:09:50:151	Limit State	0	2.721610552	11	13	0	0	0
20130423	VXX	VXX	20140118	45.00	P	13:09:50:151	Limit State	0	2.530152725	9	13	0	0	0
20130423	VXX	VXX	20140118	50.00	P	13:09:50:151	Limit State	0	2.896855259	17	14	0	0	0
20130423	VXX	VXX	20140118	55.00	P	13:09:50:151	Limit State	0	3.088111767	11	12	0	0	0
20130423	VXX	VXX	20140118	60.00	P	13:09:50:151	Limit State	0	3.319753558	11	15	0	0	0
20130423	VXX	VXX	20140118	65.00	P	13:09:50:151	Limit State	0	3.923573313	10	20	0	0	0
20130423	VXX	VXX	20140118	70.00	P	13:09:50:151	Limit State	0	3.903816291	14	13	0	0	0
20130423	VXX	VXX	20140118	75.00	P	13:09:50:151	Limit State	0	3.974205523	10	14	0	0	0
20130423	VXX	VXX	20150117	1.00	C	13:09:50:151	Limit State	0	4.901212919	17	17	0	0	0
20130423	VXX	VXX	20150117	2.00	C	13:09:50:151	Limit State	0	4.88880985	17	17	0	0	0
20130423	VXX	VXX	20150117	3.00	C	13:09:50:151	Limit State	0	4.888905883	17	17	0	0	0
20130423	VXX	VXX	20150117	4.00	C	13:09:50:151	Limit State	0	4.984050651	17	17	0	0	0
20130423	VXX	VXX	20150117	5.00	C	13:09:50:151	Limit State	0	4.897414468	17	17	0	0	0
20130423	VXX	VXX	20150117	6.00	C	13:09:50:151	Limit State	0	5	18	18	0	0	0
20130423	VXX	VXX	20150117	7.00	C	13:09:50:151	Limit State	0	4.84383893	17	17	0	0	0
20130423	VXX	VXX	20150117	8.00	C	13:09:50:151	Limit State	0	4.748502419	14	14	0	0	0
20130423	VXX	VXX	20150117	9.00	C	13:09:50:151	Limit State	0	3.185215128	12	12	0	0	0
20130423	VXX	VXX	20150117	10.00	C	13:09:50:151	Limit State	0	2.837134828	12	12	0	0	0
20130423	VXX	VXX	20150117	11.00	C	13:09:50:151	Limit State	0	2.937710776	12	12	0	0	0
20130423	VXX	VXX	20150117	12.00	C	13:09:50:151	Limit State	0	2.063552148	12	12	0	0	0
20130423	VXX	VXX	20150117	13.00	C	13:09:50:151	Limit State	0	2.416001665	12	12	0	0	0
20130423	VXX	VXX	20150117	14.00	C	13:09:50:151	Limit State	0	3.104593394	13	13	0	0	0































